

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Capital Appreciation Fund

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------------|
| COMMON STOCKS – 96.6% | | |
| Communication services – 9.4% | | |
| Entertainment – 0.4% | | |
| ROBLOX Corp., Class A (A) | 173,879 | \$ 5,205,937 |
| Interactive media and services – 9.0% | | |
| Alphabet, Inc., Class A (A) | 21,179 | 48,187,308 |
| Alphabet, Inc., Class C (A) | 20,649 | 47,095,826 |
| Match Group, Inc. (A) | 48,950 | 3,856,281 |
| Meta Platforms, Inc., Class A (A) | 87,463 | 16,936,335 |
| Snap, Inc., Class A (A) | 421,484 | 5,947,139 |
| ZoomInfo Technologies, Inc. (A) | 180,093 | 7,273,956 |
| | | <u>129,296,845</u> |
| | | 134,502,782 |
| Consumer discretionary – 29.0% | | |
| Automobiles – 7.1% | | |
| Tesla, Inc. (A) | 135,004 | 102,368,131 |
| Hotels, restaurants and leisure – 4.0% | | |
| Airbnb, Inc., Class A (A) | 197,401 | 23,859,859 |
| Chipotle Mexican Grill, Inc. (A) | 10,871 | 15,247,121 |
| Marriott International, Inc., Class A | 102,469 | 17,581,631 |
| | | <u>56,688,611</u> |
| Internet and direct marketing retail – 7.2% | | |
| Amazon.com, Inc. (A) | 36,077 | 86,735,963 |
| MercadoLibre, Inc. (A) | 21,517 | 16,909,780 |
| | | <u>103,645,743</u> |
| Multiline retail – 1.2% | | |
| Target Corp. | 106,791 | 17,287,327 |
| Specialty retail – 3.8% | | |
| O'Reilly Automotive, Inc. (A) | 19,598 | 12,487,258 |
| The Home Depot, Inc. | 83,270 | 25,209,993 |
| The TJX Companies, Inc. | 265,526 | 16,879,488 |
| | | <u>54,576,739</u> |
| Textiles, apparel and luxury goods – 5.7% | | |
| Lululemon Athletica, Inc. (A) | 62,997 | 18,438,592 |
| LVMH Moet Hennessy Louis Vuitton SE | 55,108 | 35,579,159 |
| NIKE, Inc., Class B | 227,957 | 27,092,689 |
| | | <u>81,110,440</u> |
| | | 415,676,991 |
| Consumer staples – 3.7% | | |
| Food and staples retailing – 1.7% | | |
| Costco Wholesale Corp. | 52,905 | 24,665,369 |
| Personal products – 2.0% | | |
| The Estee Lauder Companies, Inc., Class A | 109,984 | 28,007,426 |
| | | <u>52,672,795</u> |
| Energy – 1.7% | | |
| Energy equipment and services – 1.7% | | |
| Schlumberger NV | 539,968 | 24,816,929 |
| Financials – 3.5% | | |
| Capital markets – 3.5% | | |
| KKR & Company, Inc. | 263,500 | 14,442,435 |
| S&P Global, Inc. | 48,114 | 16,814,881 |
| The Goldman Sachs Group, Inc. | 56,639 | 18,512,457 |
| | | <u>49,769,773</u> |
| Health care – 11.1% | | |
| Health care equipment and supplies – 2.8% | | |
| Abbott Laboratories | 156,912 | 18,430,884 |
| Dexcom, Inc. (A) | 24,845 | 7,402,319 |

Capital Appreciation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-------------------------|
| COMMON STOCKS (continued) | | |
| Health care equipment and supplies (continued) | | |
| Intuitive Surgical, Inc. (A) | 62,698 | \$ 14,272,573 |
| | | <u>40,105,776</u> |
| Health care providers and services – 2.1% | | |
| UnitedHealth Group, Inc. | 59,739 | 29,677,140 |
| Life sciences tools and services – 2.1% | | |
| Danaher Corp. | 113,634 | 29,978,922 |
| Pharmaceuticals – 4.1% | | |
| Eli Lilly & Company | 142,109 | 44,542,645 |
| Novo Nordisk A/S, ADR | 128,259 | 14,159,794 |
| | | <u>58,702,439</u> |
| | | 158,464,277 |
| Industrials – 1.2% | | |
| Road and rail – 1.2% | | |
| Uber Technologies, Inc. (A) | 767,704 | 17,810,733 |
| Information technology – 35.7% | | |
| IT services – 9.2% | | |
| Adyen NV (A)(B) | 14,404 | 22,306,974 |
| Mastercard, Inc., Class A | 120,198 | 43,015,258 |
| Snowflake, Inc., Class A (A) | 79,266 | 10,118,305 |
| Twilio, Inc., Class A (A) | 56,518 | 5,943,998 |
| Visa, Inc., Class A | 236,147 | 50,103,309 |
| | | <u>131,487,844</u> |
| Semiconductors and semiconductor equipment – 5.7% | | |
| ASML Holding NV, NYRS | 11,159 | 6,430,820 |
| Broadcom, Inc. | 49,005 | 28,429,271 |
| NVIDIA Corp. | 251,833 | 47,022,258 |
| | | <u>81,882,349</u> |
| Software – 14.2% | | |
| Adobe, Inc. (A) | 69,319 | 28,869,977 |
| Atlassian Corp. PLC, Class A (A) | 92,558 | 16,412,385 |
| CrowdStrike Holdings, Inc., Class A (A) | 133,440 | 21,349,066 |
| HubSpot, Inc. (A) | 18,604 | 6,282,385 |
| Microsoft Corp. | 310,104 | 84,307,974 |
| salesforce.com, Inc. (A) | 230,628 | 36,955,831 |
| The Trade Desk, Inc., Class A (A) | 193,112 | 10,051,480 |
| | | <u>204,229,098</u> |
| Technology hardware, storage and peripherals – 6.6% | | |
| Apple, Inc. | 637,837 | 94,935,659 |
| | | <u>512,534,950</u> |
| Real estate – 1.3% | | |
| Equity real estate investment trusts – 1.3% | | |
| American Tower Corp. | 72,164 | 18,483,365 |
| TOTAL COMMON STOCKS (Cost \$756,574,404) | | \$ 1,384,732,595 |
| SHORT-TERM INVESTMENTS – 5.0% | | |
| Short-term funds – 5.0% | | |
| State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (C) | 71,819,952 | 71,819,952 |
| TOTAL SHORT-TERM INVESTMENTS (Cost \$71,819,952) | | \$ 71,819,952 |
| Total Investments (Capital Appreciation Fund) (Cost \$828,394,356) – 101.6% | | |
| | | \$ 1,456,552,547 |
| Other assets and liabilities, net – (1.6%) | | |
| | | (22,431,259) |
| TOTAL NET ASSETS – 100.0% | | |
| | | \$ 1,434,121,288 |
| Security Abbreviations and Legend | | |
| ADR | American Depositary Receipt | |
| NYRS | New York Registry Shares | |
| (A) | Non-income producing security. | |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Capital Appreciation Fund (continued)

- (B) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
- (C) The rate shown is the annualized seven-day yield as of 5-31-22.

Capital Appreciation Value Fund

| | Shares or Principal Amount | Value |
|--|----------------------------------|---------------|
| COMMON STOCKS – 66.8% | | |
| Communication services – 3.5% | | |
| Interactive media and services – 3.5% | | |
| Alphabet, Inc., Class A (A)(B) | 6,728 | \$ 15,307,815 |
| Alphabet, Inc., Class C (A)(B) | 10,166 | 23,186,409 |
| Meta Platforms, Inc., Class A (B) | 37,748 | 7,309,523 |
| | | 45,803,747 |
| Consumer discretionary – 7.5% | | |
| Hotels, restaurants and leisure – 3.9% | | |
| Starbucks Corp. (A) | 104,900 | 8,234,650 |
| Yum! Brands, Inc. (A) | 351,502 | 42,696,948 |
| | | 50,931,598 |
| Internet and direct marketing retail – 3.6% | | |
| Amazon.com, Inc. (A)(B) | 19,737 | 47,451,498 |
| | | 98,383,096 |
| Consumer staples – 0.8% | | |
| Beverages – 0.8% | | |
| Keurig Dr. Pepper, Inc. | 287,750 | 9,996,435 |
| Energy – 0.6% | | |
| Oil, gas and consumable fuels – 0.6% | | |
| EOG Resources, Inc. | 23,000 | 3,150,080 |
| Pioneer Natural Resources Company | 17,300 | 4,808,362 |
| | | 7,958,442 |
| Financials – 7.3% | | |
| Banks – 2.6% | | |
| The PNC Financial Services Group, Inc. | 191,788 | 33,641,533 |
| Capital markets – 3.3% | | |
| Intercontinental Exchange, Inc. | 201,394 | 20,620,732 |
| MSCI, Inc. | 21,547 | 9,531,315 |
| S&P Global, Inc. | 39,050 | 13,647,194 |
| | | 43,799,241 |
| Insurance – 1.4% | | |
| Marsh & McLennan Companies, Inc. | 118,004 | 18,874,740 |
| | | 96,315,514 |
| Health care – 15.1% | | |
| Health care equipment and supplies – 4.0% | | |
| Alcon, Inc. | 143,047 | 10,734,330 |
| Baxter International, Inc. | 15,900 | 1,209,195 |
| Becton, Dickinson and Company (A) | 104,299 | 26,679,684 |
| Embeceta Corp. (A)(B) | 1,400 | 34,692 |
| Hologic, Inc. (B) | 76,200 | 5,735,574 |
| Teleflex, Inc. | 23,270 | 6,695,710 |
| The Cooper Companies, Inc. | 3,887 | 1,363,326 |
| | | 52,452,511 |
| Health care providers and services – 2.5% | | |
| Humana, Inc. | 16,976 | 7,711,008 |
| UnitedHealth Group, Inc. | 51,508 | 25,588,144 |
| | | 33,299,152 |
| Life sciences tools and services – 8.0% | | |
| Avantor, Inc. (B) | 201,145 | 6,444,686 |
| Danaher Corp. | 128,026 | 33,775,819 |
| PerkinElmer, Inc. | 195,870 | 29,315,863 |

Capital Appreciation Value Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-----------------------|
| COMMON STOCKS (continued) | | |
| Life sciences tools and services (continued) | | |
| Thermo Fisher Scientific, Inc. | 65,091 | \$ 36,943,699 |
| | | 106,480,067 |
| Pharmaceuticals – 0.6% | | |
| Catalent, Inc. (B) | 74,660 | 7,694,460 |
| | | 199,926,190 |
| Industrials – 10.2% | | |
| Commercial services and supplies – 1.6% | | |
| Aurora Innovation, Inc. (B)(C) | 615,799 | 1,945,925 |
| Waste Connections, Inc. | 144,309 | 18,405,170 |
| | | 20,351,095 |
| Industrial conglomerates – 3.4% | | |
| General Electric Company (A) | 569,708 | 44,602,439 |
| Machinery – 3.6% | | |
| Fortive Corp. | 474,136 | 29,287,381 |
| Ingersoll Rand, Inc. | 388,270 | 18,306,931 |
| | | 47,594,312 |
| Professional services – 1.6% | | |
| Equifax, Inc. | 38,909 | 7,882,185 |
| TransUnion | 157,490 | 13,671,707 |
| | | 21,553,892 |
| | | 134,101,738 |
| Information technology – 19.9% | | |
| Electronic equipment, instruments and components – 3.0% | | |
| TE Connectivity, Ltd. | 249,512 | 32,284,358 |
| Teledyne Technologies, Inc. (B) | 18,032 | 7,305,665 |
| | | 39,590,023 |
| IT services – 1.3% | | |
| Mastercard, Inc., Class A | 18,600 | 6,656,382 |
| Visa, Inc., Class A | 47,300 | 10,035,641 |
| | | 16,692,023 |
| Semiconductors and semiconductor equipment – 3.8% | | |
| NVIDIA Corp. | 60,577 | 11,310,937 |
| NXP Semiconductors NV | 101,091 | 19,183,028 |
| Texas Instruments, Inc. | 115,851 | 20,477,823 |
| | | 50,971,788 |
| Software – 8.9% | | |
| Microsoft Corp. (A) | 327,342 | 88,994,457 |
| Roper Technologies, Inc. | 27,914 | 12,350,270 |
| salesforce.com, Inc. (B) | 97,873 | 15,683,170 |
| | | 117,027,897 |
| Technology hardware, storage and peripherals – 2.9% | | |
| Apple, Inc. | 261,498 | 38,921,362 |
| | | 263,203,093 |
| Materials – 0.5% | | |
| Chemicals – 0.5% | | |
| Linde PLC | 22,116 | 7,180,623 |
| Utilities – 1.4% | | |
| Multi-utilities – 1.4% | | |
| Ameren Corp. (A) | 114,207 | 10,871,364 |
| CMS Energy Corp. | 91,271 | 6,483,892 |
| Public Service Enterprise Group, Inc. (A) | 20,700 | 1,418,778 |
| | | 18,774,034 |
| TOTAL COMMON STOCKS (Cost \$807,076,406) | | \$ 881,642,912 |
| PREFERRED SECURITIES – 0.6% | | |
| Financials – 0.0% | | |
| Capital markets – 0.0% | | |
| The Charles Schwab Corp., 5.950% | 8,000 | 202,720 |
| Utilities – 0.6% | | |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-----------------------|
| PREFERRED SECURITIES (continued) | | |
| Electric utilities – 0.1% | | |
| SCE Trust IV (5.375% to 9-15-25, then 3 month LIBOR + 3.132%) | 55,610 | \$ 1,208,405 |
| Multi-utilities – 0.5% | | |
| CMS Energy Corp., 5.875% | 109,165 | 2,797,899 |
| CMS Energy Corp., 5.875% | 139,178 | 3,539,297 |
| NiSource, Inc. (6.500% to 3-15-24, then 5 Year CMT + 3.632%) | 30,006 | 778,356 |
| | | 7,115,552 |
| | | 8,323,957 |
| TOTAL PREFERRED SECURITIES (Cost \$8,548,975) | | \$ 8,526,677 |
| U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 8.6% | | |
| U.S. Government – 8.6% | | |
| U.S. Treasury Notes | | |
| 1.500%, 01/31/2027 | \$ 42,629,400 | 40,151,566 |
| 1.875%, 02/28/2027 | 50,587,900 | 48,461,627 |
| 2.500%, 03/31/2027 | 25,182,900 | 24,811,059 |
| | | 113,424,252 |
| TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$116,154,033) | | \$ 113,424,252 |
| CORPORATE BONDS - 7.5% | | |
| Communication services - 1.6% | | |
| Altice France Holding SA 10.500%, 05/15/2027 (D) | 1,940,000 | 1,906,496 |
| Arches Buyer, Inc. 4.250%, 06/01/2028 (D) | 5,000 | 4,564 |
| CCO Holdings LLC | | |
| 5.000%, 02/01/2028 (D) | 6,912,000 | 6,696,588 |
| 5.125%, 05/01/2027 (D) | 6,970,000 | 6,869,632 |
| 5.500%, 05/01/2026 (D) | 325,000 | 325,293 |
| Lamar Media Corp. | | |
| 3.625%, 01/15/2031 | 120,000 | 107,097 |
| 3.750%, 02/15/2028 | 695,000 | 651,493 |
| Live Nation Entertainment, Inc. | | |
| 4.875%, 11/01/2024 (D) | 90,000 | 89,176 |
| Photo Holdings Merger Sub, Inc. 8.500%, 10/01/2026 (D) | 1,245,000 | 1,058,138 |
| Sirius XM Radio, Inc. 5.000%, 08/01/2027 (D) | 2,010,000 | 1,997,438 |
| T-Mobile USA, Inc. | | |
| 2.875%, 02/15/2031 | 170,000 | 149,178 |
| 3.375%, 04/15/2029 (D) | 75,000 | 69,478 |
| 3.500%, 04/15/2031 | 565,000 | 515,724 |
| Twitter, Inc. 5.000%, 03/01/2030 (D) | 420,000 | 416,850 |
| | | 20,857,145 |
| Consumer discretionary - 2.4% | | |
| Cedar Fair LP | | |
| 5.250%, 07/15/2029 | 2,080,000 | 2,006,742 |
| 5.375%, 04/15/2027 | 2,105,000 | 2,053,491 |
| 5.500%, 05/01/2025 (D) | 1,190,000 | 1,208,100 |
| 6.500%, 10/01/2028 | 2,070,000 | 2,039,054 |
| Clarios Global LP | | |
| 6.250%, 05/15/2026 (D) | 689,000 | 691,146 |
| 6.750%, 05/15/2025 (D) | 539,000 | 542,354 |
| 8.500%, 05/15/2027 (D) | 1,465,000 | 1,460,092 |
| Hilton Domestic Operating Company, Inc. | | |
| 3.625%, 02/15/2032 (D) | 205,000 | 177,838 |
| 4.000%, 05/01/2031 (D) | 105,000 | 96,254 |
| 5.375%, 05/01/2025 (D) | 100,000 | 101,520 |
| Hilton Worldwide Finance LLC 4.875%, 04/01/2027 | 50,000 | 50,260 |

Capital Appreciation Value Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| CORPORATE BONDS (continued) | | |
| Consumer discretionary (continued) | | |
| KFC Holding Company/Pizza Hut Holdings LLC/Taco Bell of America LLC 4.750%, 06/01/2027 (D) | \$ 4,174,000 | \$ 4,155,259 |
| Life Time, Inc. 5.750%, 01/15/2026 (D) | 1,560,000 | 1,500,034 |
| Marriott International, Inc. 3.125%, 06/15/2026 | 356,000 | 344,988 |
| Six Flags Entertainment Corp. 4.875%, 07/31/2024 (D) | 5,138,000 | 5,048,958 |
| 5.500%, 04/15/2027 (D) | 3,022,000 | 2,944,637 |
| Six Flags Theme Parks, Inc. 7.000%, 07/01/2025 (D) | 2,123,000 | 2,197,305 |
| Yum! Brands, Inc. | | |
| 3.625%, 03/15/2031 | 477,000 | 421,879 |
| 3.875%, 11/01/2023 | 852,000 | 854,130 |
| 4.625%, 01/31/2032 | 489,000 | 456,301 |
| 4.750%, 01/15/2030 (D) | 420,000 | 404,250 |
| 5.350%, 11/01/2043 | 1,834,000 | 1,643,026 |
| 5.375%, 04/01/2032 | 892,000 | 869,700 |
| 6.875%, 11/15/2037 | 925,000 | 975,875 |
| | | 32,243,193 |
| Financials - 1.4% | | |
| Acrisure LLC 7.000%, 11/15/2025 (D) | 2,600,000 | 2,522,000 |
| Alliant Holdings Intermediate LLC | | |
| 4.250%, 10/15/2027 (D) | 375,000 | 355,147 |
| 5.875%, 11/01/2029 (D) | 484,000 | 423,933 |
| 6.750%, 10/15/2027 (D) | 700,000 | 675,640 |
| AmWINS Group, Inc. 4.875%, 06/30/2029 (D) | 570,000 | 527,834 |
| HUB International, Ltd. 5.625%, 12/01/2029 (D) | 445,000 | 414,963 |
| 7.000%, 05/01/2026 (D) | 8,104,000 | 8,183,986 |
| MSCI, Inc. | | |
| 3.250%, 08/15/2033 (D) | 40,000 | 34,866 |
| 3.625%, 09/01/2030 to 11/01/2031 (D) | 685,000 | 626,422 |
| 3.875%, 02/15/2031 (D) | 10,000 | 9,326 |
| 4.000%, 11/15/2029 (D) | 250,000 | 236,700 |
| Ryan Specialty Group LLC 4.375%, 02/01/2030 (D) | 80,000 | 72,007 |
| State Street Corp. (3 month LIBOR + 3.597%) 4.423%, 09/15/2022 (E)(F) | 517,000 | 516,198 |
| USI, Inc. 6.875%, 05/01/2025 (D) | 3,450,000 | 3,393,305 |
| | | 17,992,327 |
| Health care - 0.7% | | |
| Avantor Funding, Inc. | | |
| 3.875%, 11/01/2029 (D) | 210,000 | 194,930 |
| 4.625%, 07/15/2028 (D) | 1,888,000 | 1,838,025 |
| Catalent Pharma Solutions, Inc. | | |
| 3.125%, 02/15/2029 (D) | 600,000 | 538,323 |
| 3.500%, 04/01/2030 (D) | 320,000 | 287,024 |
| 5.000%, 07/15/2027 (D) | 145,000 | 143,193 |
| Hadrian Merger Sub, Inc. 8.500%, 05/01/2026 (D) | 1,686,000 | 1,639,635 |
| Hologic, Inc. 3.250%, 02/15/2029 (D) | 220,000 | 198,000 |
| IQVIA, Inc. 5.000%, 05/15/2027 (D) | 950,000 | 950,665 |
| Surgery Center Holdings, Inc. 10.000%, 04/15/2027 (D) | 1,311,000 | 1,331,452 |
| Teleflex, Inc. 4.250%, 06/01/2028 (D) | 145,000 | 139,251 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| CORPORATE BONDS (continued) | | |
| Health care (continued) | | |
| Teleflex, Inc. (continued) | | |
| 4.625%, 11/15/2027 | \$ 952,000 | \$ 940,956 |
| Tenet Healthcare Corp. | | |
| 4.625%, 09/01/2024 (D) | 316,000 | 316,000 |
| | | 8,517,454 |
| Industrials - 1.1% | | |
| Booz Allen Hamilton, Inc. | | |
| 3.875%, 09/01/2028 (D) | 235,000 | 219,748 |
| CoreLogic, Inc. | | |
| 4.500%, 05/01/2028 (D) | 325,000 | 279,110 |
| Delta Air Lines, Inc. | | |
| 4.500%, 10/20/2025 (D) | 2,206,936 | 2,201,650 |
| 4.750%, 10/20/2028 (D) | 925,000 | 923,753 |
| General Electric Company (3 month LIBOR + 3.330%) | | |
| 4.156%, 09/15/2022 (E)(F) | 3,841,000 | 3,483,787 |
| Howmet Aerospace, Inc. | | |
| 3.000%, 01/15/2029 | 490,000 | 446,949 |
| Korn Ferry | | |
| 4.625%, 12/15/2027 (D) | 480,000 | 460,800 |
| Lennox International, Inc. | | |
| 3.000%, 11/15/2023 | 510,000 | 509,928 |
| Mileage Plus Holdings LLC | | |
| 6.500%, 06/20/2027 (D) | 1,425,000 | 1,446,518 |
| Sensata Technologies BV | | |
| 4.000%, 04/15/2029 (D) | 600,000 | 571,500 |
| 4.875%, 10/15/2023 (D) | 507,000 | 508,265 |
| 5.000%, 10/01/2025 (D) | 700,000 | 705,950 |
| 5.625%, 11/01/2024 (D) | 415,000 | 421,979 |
| Sensata Technologies, Inc. | | |
| 3.750%, 02/15/2031 (D) | 245,000 | 218,969 |
| TK Elevator U.S. Newco, Inc. | | |
| 5.250%, 07/15/2027 (D) | 275,000 | 268,125 |
| TransDigm UK Holdings PLC | | |
| 6.875%, 05/15/2026 | 350,000 | 352,618 |
| TransDigm, Inc. | | |
| 5.500%, 11/15/2027 | 325,000 | 311,149 |
| 6.250%, 03/15/2026 (D) | 325,000 | 330,609 |
| 6.375%, 06/15/2026 | 145,000 | 143,913 |
| United Airlines 2012-1 Class A Pass Through Trust | | |
| 4.150%, 04/11/2024 | 740,852 | 729,095 |
| US Airways 2010-1 Class A Pass Through Trust | | |
| 6.250%, 04/22/2023 | 28,985 | 28,743 |
| US Airways 2012-2 Class A Pass Through Trust | | |
| 4.625%, 06/03/2025 | 137,400 | 129,282 |
| US Airways 2013-1 Class A Pass Through Trust | | |
| 3.950%, 11/15/2025 | 309,566 | 285,601 |
| | | 14,978,041 |
| Information technology - 0.1% | | |
| Black Knight InfoServ LLC | | |
| 3.625%, 09/01/2028 (D) | 313,000 | 293,438 |
| Clarivate Science Holdings Corp. | | |
| 3.875%, 07/01/2028 (D) | 641,000 | 581,355 |
| 4.875%, 07/01/2029 (D) | 220,000 | 197,010 |
| Gartner, Inc. | | |
| 3.625%, 06/15/2029 (D) | 245,000 | 223,563 |
| 3.750%, 10/01/2030 (D) | 300,000 | 278,250 |
| 4.500%, 07/01/2028 (D) | 165,000 | 160,454 |

Capital Appreciation Value Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|----------------------|
| CORPORATE BONDS (continued) | | |
| Information technology (continued) | | |
| Twilio, Inc. | | |
| 3.625%, 03/15/2029 | \$ 35,000 | \$ 32,023 |
| | | 1,766,093 |
| Real estate - 0.1% | | |
| SBA Communications Corp. | | |
| 3.125%, 02/01/2029 | 255,000 | 226,797 |
| 3.875%, 02/15/2027 | 960,000 | 938,520 |
| | | 1,165,317 |
| Utilities - 0.1% | | |
| NiSource, Inc. (5.650% to 6-15-23, then 5 Year CMT + 2.843%) | | |
| 06/15/2023 (E) | 1,525,000 | 1,441,125 |
| TOTAL CORPORATE BONDS (Cost \$100,177,382) | | \$ 98,960,695 |
| CONVERTIBLE BONDS - 0.1% | | |
| Communication services - 0.1% | | |
| Snap, Inc. | | |
| 6.427%, 05/01/2027 (G) | 1,005,000 | 736,545 |
| Spotify USA, Inc. | | |
| 5.634%, 03/15/2026 (G) | 1,127,000 | 912,870 |
| | | 1,649,415 |
| Information technology - 0.0% | | |
| Shopify, Inc. | | |
| 0.125%, 11/01/2025 | 669,000 | 571,326 |
| TOTAL CONVERTIBLE BONDS (Cost \$2,498,488) | | \$ 2,220,741 |
| TERM LOANS (H) - 13.1% | | |
| Communication services - 0.5% | | |
| Arches Buyer, Inc., 2021 Term Loan B (1 month LIBOR + 3.250%) 4.310%, 12/06/2027 | 711,685 | 668,095 |
| Delta 2 Lux Sarl, 2018 USD Term Loan (1 month LIBOR + 2.500%) 3.560%, 02/01/2024 | 5,635,000 | 5,564,563 |
| Eagle Broadband Investments LLC, Term Loan (3 month LIBOR + 3.000%) 4.063%, 11/12/2027 | 658,089 | 636,372 |
| | | 6,869,030 |
| Consumer discretionary - 0.6% | | |
| Cedar Fair LP, 2017 Term Loan B (1 month LIBOR + 1.750%) 2.810%, 04/13/2024 | 65,000 | 64,005 |
| Four Seasons Hotels, Ltd., New 1st Lien Term Loan (1 month LIBOR + 2.000%) 3.060%, 11/30/2023 | 952,719 | 949,147 |
| IRB Holding Corp., 2020 Term Loan B (6 month LIBOR + 2.750%) 3.756%, 02/05/2025 | 2,133,660 | 2,042,083 |
| IRB Holding Corp., 2022 Term Loan B (1 month SOFR + 3.150%) 3.892%, 12/15/2027 | 2,255,057 | 2,155,451 |
| Life Time, Inc., 2021 Term Loan B (3 month LIBOR + 4.750%) 6.325%, 12/16/2024 | 655,052 | 646,209 |
| SeaWorld Parks & Entertainment, Inc., 2021 Term Loan B (1 month LIBOR + 3.000%) 4.063%, 08/25/2028 | 1,416,275 | 1,371,662 |
| Woof Holdings, Inc., 1st Lien Term Loan (3 month LIBOR + 3.750%) 4.678%, 12/21/2027 | 608,850 | 581,452 |
| | | 7,810,009 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| TERM LOANS (H)(continued) | | |
| Consumer staples – 0.3% | | |
| Sunshine Luxembourg VII Sarl, 2021 Term Loan B3 (3 month LIBOR + 3.750%) 4.756%, 10/01/2026 | \$ 3,834,340 | 3,670,000 |
| Financials – 4.5% | | |
| Acrisure LLC, 2021 Incremental Term Loan B (1 month LIBOR + 3.750%) 4.810%, 02/15/2027 | 706,450 | 679,075 |
| Alliant Holdings Intermediate LLC, 2018 Term Loan B (1 month LIBOR + 3.250%) 4.310%, 05/09/2025 | 3,917,695 | 3,768,352 |
| Alliant Holdings Intermediate LLC, 2021 Term Loan B4 (1 month LIBOR + 3.500%) 4.375%, 11/06/2027 | 5,311,825 | 5,111,675 |
| Alliant Holdings Intermediate LLC, Term Loan B (1 month LIBOR + 3.250%) 4.310%, 05/09/2025 | 1,769,915 | 1,700,588 |
| Howden Group Holdings, Ltd., 2021 Term Loan B (1 month LIBOR + 3.250%) 4.313%, 11/12/2027 | 4,918,048 | 4,714,490 |
| HUB International, Ltd., 2018 Term Loan B (3 month LIBOR + 3.000%) 4.213%, 04/25/2025 | 18,735,570 | 18,056,405 |
| HUB International, Ltd., 2021 Term Loan B (3 month LIBOR + 3.250%) 4.348%, 04/25/2025 | 12,967,303 | 12,533,288 |
| Ryan Specialty Group LLC, Term Loan (1 month SOFR + 3.000%) 4.134%, 09/01/2027 | 1,015,589 | 994,323 |
| USI, Inc., 2017 Repriced Term Loan (3 month LIBOR + 3.000%) 4.006%, 05/16/2024 | 7,539,546 | 7,344,800 |
| USI, Inc., 2019 Incremental Term Loan B (3 month LIBOR + 3.250%) 4.256%, 12/02/2026 | 5,063,927 | 4,899,349 |
| | | 59,802,345 |
| Health care – 2.4% | | |
| ADMI Corp., 2021 Incremental Term Loan B3 (1 month LIBOR + 3.500%) 4.560%, 12/23/2027 | 3,049,675 | 2,880,296 |
| ADMI Corp., 2021 Term Loan B2 (1 month LIBOR + 3.375%) 4.435%, 12/23/2027 | 1,871,100 | 1,766,187 |
| athenahealth, Inc., 2022 Delayed Draw Term Loan TBD 02/15/2029 (I) | 9,420 | 8,973 |
| athenahealth, Inc., 2022 Term Loan B (1 month SOFR + 3.500%) 4.363%, 02/15/2029 | 4,232,609 | 4,031,560 |
| Avantor Funding, Inc., 2021 Term Loan B4 (1 month LIBOR + 2.000%) 3.060%, 11/21/2024 | 115,188 | 114,306 |
| Eyecare Partners LLC, 2020 Term Loan (3 month LIBOR + 3.750%) 4.756%, 02/18/2027 | 253,715 | 236,047 |
| Eyecare Partners LLC, 2021 Incremental Term Loan (3 month LIBOR + 3.750%) 4.756%, 11/15/2028 | 220,000 | 205,465 |
| Heartland Dental LLC, 2018 1st Lien Term Loan (1 month LIBOR + 3.500%) 4.560%, 04/30/2025 | 5,807,738 | 5,540,582 |
| Heartland Dental LLC, 2021 Incremental Term Loan (1 month LIBOR + 4.000%) 4.961%, 04/30/2025 | 471,438 | 451,500 |
| Loire Finco Luxembourg Sarl, Term Loan (1 month LIBOR + 3.250%) 4.310%, 04/21/2027 | 3,037,452 | 2,860,278 |

Capital Appreciation Value Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| TERM LOANS (H)(continued) | | |
| Health care (continued) | | |
| Medline Borrower LP, USD Term Loan B (1 month LIBOR + 3.250%) 4.310%, 10/23/2028 | \$ 8,875,000 | 8,553,281 |
| Pacific Dental Services, Inc., 2021 Term Loan (1 month LIBOR + 3.250%) 4.125%, 05/05/2028 | 496,250 | 475,988 |
| Pathway Vet Alliance LLC, 2021 Term Loan (3 month LIBOR + 3.750%) 4.756%, 03/31/2027 | 323,363 | 308,071 |
| PetVet Care Centers LLC, 2018 1st Lien Term Loan (1 month LIBOR + 2.750%) 3.810%, 02/14/2025 | 354,009 | 338,079 |
| PetVet Care Centers LLC, 2018 2nd Lien Term Loan (1 month LIBOR + 6.250%) 7.310%, 02/13/2026 | 25,000 | 24,438 |
| PetVet Care Centers LLC, 2018 Incremental Term Loan (1 month LIBOR + 3.250%) 4.310%, 02/14/2025 | 1,095,274 | 1,051,463 |
| PetVet Care Centers LLC, 2021 Term Loan B3 (1 month LIBOR + 3.500%) 4.560%, 02/14/2025 | 2,067,669 | 1,987,547 |
| | | 30,834,061 |
| Industrials – 1.7% | | |
| Camelot US Acquisition LLC, 2020 Incremental Term Loan B (1 month LIBOR + 3.000%) 4.060%, 10/30/2026 | 3,332,813 | 3,218,264 |
| CoreLogic, Inc., Term Loan (1 month LIBOR + 3.500%) 4.563%, 06/02/2028 | 3,402,900 | 3,113,654 |
| Filtration Group Corp., 2018 1st Lien Term Loan (1 month LIBOR + 3.000%) 4.060%, 03/29/2025 | 963,999 | 924,119 |
| Filtration Group Corp., 2018 EUR Term Loan (3 month EURIBOR + 3.500%) 3.500%, 03/29/2025 | EUR 1,739,769 | 1,793,020 |
| Filtration Group Corp., 2021 Incremental Term Loan (1 month LIBOR + 3.500%) 4.560%, 10/21/2028 | \$ 517,400 | 494,117 |
| Mileage Plus Holdings LLC, 2020 Term Loan B (3 month LIBOR + 5.250%) 6.250%, 06/21/2027 | 6,225,000 | 6,307,979 |
| SkyMiles IP, Ltd., 2020 Skymiles Term Loan B (3 month LIBOR + 3.750%) 4.813%, 10/20/2027 | 2,420,761 | 2,441,337 |
| TK Elevator US Newco, Inc., Term Loan B (6 month LIBOR + 3.500%) 4.019%, 07/30/2027 | 4,107,698 | 3,951,112 |
| Welbilt, Inc., 2018 Term Loan B (1 month LIBOR + 2.500%) 3.560%, 10/23/2025 | 600,000 | 586,998 |
| | | 22,830,600 |
| Information technology – 3.1% | | |
| Applied Systems, Inc., 2017 1st Lien Term Loan (Prime rate + 2.000% and 3 month LIBOR + 3.000%) 4.006%, 09/19/2024 | 4,144,680 | 4,024,484 |
| Applied Systems, Inc., 2021 2nd Lien Term Loan (3 month LIBOR + 5.500%) 6.506%, 09/19/2025 | 366,814 | 359,085 |
| Ascend Learning LLC, 2021 2nd Lien Term Loan (1 month LIBOR + 5.750%) 6.810%, 12/10/2029 | 720,000 | 682,798 |
| Ascend Learning LLC, 2021 Term Loan (1 month LIBOR + 3.500%) 4.560%, 12/11/2028 | 5,047,350 | 4,789,582 |
| Azalea TopCo, Inc., 2021 Term Loan B (1 and 3 month LIBOR + 3.750%) 4.988%, 07/24/2026 | 747,899 | 721,723 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|----------------------|
| TERM LOANS (H)(continued) | | |
| Information technology (continued) | | |
| Azalea TopCo, Inc., 2022 Incremental Term Loan (1 month SOFR + 3.750%) 4.900%, 07/24/2026 | \$ 400,000 | 379,000 |
| Azalea TopCo, Inc., Term Loan (1 and 3 month LIBOR + 3.500%) 4.738%, 07/24/2026 | 3,398,553 | 3,220,843 |
| Celestial Saturn Parent, Inc., 2nd Lien Term Loan (1 month LIBOR + 6.500%) 7.560%, 06/04/2029 | 230,000 | 198,950 |
| Entegris, Inc., 2022 Term Loan B TBD 03/02/2029 (I) | 2,064,384 | 2,035,359 |
| Polaris Newco LLC, USD Term Loan B (1 month LIBOR + 4.000%) 5.060%, 06/02/2028 | 472,625 | 450,119 |
| Project Boost Purchaser LLC, 2021 Incremental Term Loan (1 month LIBOR + 3.500%) 4.560%, 05/30/2026 | 496,437 | 468,512 |
| RealPage, Inc., 1st Lien Term Loan (1 month LIBOR + 3.250%) 4.310%, 04/24/2028 | 4,646,650 | 4,448,656 |
| RealPage, Inc., 2nd Lien Term Loan (1 month LIBOR + 6.500%) 7.560%, 04/23/2029 | 225,000 | 219,263 |
| Sophia LP, 2021 Term Loan B (3 month LIBOR + 3.250%) 4.256%, 10/07/2027 | 845,750 | 813,189 |
| Sophia LP, 2022 Incremental Term Loan B (1 month SOFR + 4.250%) 5.034%, 10/07/2027 | 355,667 | 349,443 |
| Storable, Inc., Term Loan B (1 month SOFR + 3.500%) 4.405%, 04/17/2028 | 274,313 | 262,427 |
| UKG, Inc., 2021 2nd Lien Term Loan (3 month LIBOR + 5.250%) 6.212%, 05/03/2027 | 765,000 | 732,013 |
| UKG, Inc., 2021 Term Loan (3 month LIBOR + 3.250%) 4.212%, 05/04/2026 | 16,524,556 | 15,898,936 |
| UKG, Inc., Term Loan B (3 month LIBOR + 3.750%) 4.756%, 05/04/2026 | 677,625 | 657,974 |
| | | 40,712,356 |
| TOTAL TERM LOANS (Cost \$178,322,905) | \$ | 172,528,401 |
| SHORT-TERM INVESTMENTS – 4.5% | | |
| Short-term funds – 4.5% | | |
| John Hancock Collateral Trust, 0.8437% (J)(K) | 35,694 | \$ 356,890 |
| State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (J) | 10,316,284 | 10,316,284 |
| T. Rowe Price Government Reserve Fund, 0.6654% (J) | 48,112,542 | 48,112,542 |
| TOTAL SHORT-TERM INVESTMENTS (Cost \$58,785,670) | \$ | 58,785,716 |
| Total Investments (Capital Appreciation Value Fund) (Cost \$1,271,563,859) – 101.2% | \$ | 1,336,089,394 |
| Other assets and liabilities, net – (1.2%) | | (15,730,602) |
| TOTAL NET ASSETS – 100.0% | \$ | 1,320,358,792 |

Capital Appreciation Value Fund (continued)

Currency Abbreviations

EUR Euro

Security Abbreviations and Legend

| | |
|---------|---|
| CMT | Constant Maturity Treasury |
| EURIBOR | Euro Interbank Offered Rate |
| LIBOR | London Interbank Offered Rate |
| SOFR | Secured Overnight Financing Rate |
| (A) | All or a portion of this security is segregated at the custodian as collateral for certain derivatives. |
| (B) | Non-income producing security. |
| (C) | All or a portion of this security is on loan as of 5-31-22. The value of securities on loan amounted to \$347,600. |
| (D) | These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. |
| (E) | Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date. |
| (F) | Variable rate obligation. The coupon rate shown represents the rate at period end. |
| (G) | Zero coupon bonds are issued at a discount from their principal amount in lieu of paying interest periodically. Rate shown is the effective yield at period end. |
| (H) | Term loans are variable rate obligations. The coupon rate shown represents the rate at period end. |
| (I) | This position represents an unsettled loan commitment at period end. Certain details associated with this purchase are not known prior to the settlement date, including coupon rate, which is disclosed as TBD (To Be Determined). |
| (J) | The rate shown is the annualized seven-day yield as of 5-31-22. |
| (K) | Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending. |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

DERIVATIVES

WRITTEN OPTIONS

Options on securities

Counterparty (OTC)/

| Exchange-traded | Name of issuer | Currency | Exercise price | Expiration date | Number of contracts | Notional amount | Premium | Value |
|-----------------|-------------------------------|----------|----------------|-----------------|---------------------|-----------------|-----------|------------|
| Calls | | | | | | | | |
| GSI | Alphabet, Inc., Class A | USD | 3,200.00 | Jan 2023 | 3 | 300 | \$ 54,291 | \$ (7,719) |
| GSI | Alphabet, Inc., Class A | USD | 3,300.00 | Jan 2023 | 2 | 200 | 30,994 | (3,857) |
| GSI | Alphabet, Inc., Class A | USD | 3,400.00 | Jan 2023 | 2 | 200 | 26,094 | (2,882) |
| GSI | Alphabet, Inc., Class A | USD | 3,500.00 | Jan 2023 | 2 | 200 | 22,194 | (2,149) |
| GSI | Alphabet, Inc., Class C | USD | 2,000.00 | Jun 2022 | 2 | 200 | 30,815 | (58,318) |
| GSI | Alphabet, Inc., Class C | USD | 2,000.00 | Jun 2022 | 3 | 300 | 61,060 | (87,477) |
| GSI | Alphabet, Inc., Class C | USD | 2,100.00 | Jun 2022 | 2 | 200 | 25,013 | (40,345) |
| GSI | Alphabet, Inc., Class C | USD | 2,100.00 | Jun 2022 | 3 | 300 | 49,903 | (60,518) |
| SFG | Alphabet, Inc., Class C | USD | 2,550.00 | Jun 2022 | 2 | 200 | 44,192 | (639) |
| SFG | Alphabet, Inc., Class C | USD | 2,600.00 | Jun 2022 | 2 | 200 | 40,386 | (325) |
| SFG | Alphabet, Inc., Class C | USD | 2,650.00 | Jun 2022 | 2 | 200 | 36,780 | (169) |
| WFB | Amazon.com, Inc. | USD | 3,500.00 | Jan 2023 | 11 | 1,100 | 208,612 | (40,945) |
| GSI | Amazon.com, Inc. | USD | 3,600.00 | Jan 2023 | 2 | 200 | 46,828 | (6,117) |
| GSI | Amazon.com, Inc. | USD | 3,700.00 | Jan 2023 | 3 | 300 | 60,779 | (7,647) |
| GSI | Amazon.com, Inc. | USD | 3,800.00 | Jan 2023 | 3 | 300 | 52,161 | (6,450) |
| WFB | Amazon.com, Inc. | USD | 3,800.00 | Jan 2023 | 4 | 400 | 85,020 | (8,600) |
| WFB | Amazon.com, Inc. | USD | 3,900.00 | Jan 2023 | 4 | 400 | 72,036 | (7,315) |
| GSI | Amazon.com, Inc. | USD | 4,000.00 | Jan 2023 | 1 | 100 | 34,022 | (1,563) |
| WFB | Amazon.com, Inc. | USD | 4,000.00 | Jan 2023 | 4 | 400 | 62,252 | (6,253) |
| GSI | Amazon.com, Inc. | USD | 4,100.00 | Jan 2023 | 1 | 100 | 30,544 | (1,339) |
| WFB | Amazon.com, Inc. | USD | 4,100.00 | Jan 2023 | 4 | 400 | 52,764 | (5,356) |
| GSI | Amazon.com, Inc. | USD | 4,200.00 | Jan 2023 | 1 | 100 | 27,523 | (1,147) |
| WFB | Amazon.com, Inc. | USD | 4,200.00 | Jan 2023 | 4 | 400 | 44,580 | (4,587) |
| GSI | Amazon.com, Inc. | USD | 4,300.00 | Jan 2023 | 2 | 200 | 49,603 | (1,961) |
| GSI | Amazon.com, Inc. | USD | 4,400.00 | Jan 2023 | 2 | 200 | 44,460 | (1,673) |
| CITI | Amazon.com, Inc. | USD | 4,500.00 | Jan 2023 | 2 | 200 | 57,156 | (1,424) |
| GSI | Amazon.com, Inc. | USD | 4,500.00 | Jan 2023 | 2 | 200 | 39,918 | (1,424) |
| CITI | Amazon.com, Inc. | USD | 4,600.00 | Jan 2023 | 2 | 200 | 52,293 | (1,208) |
| CITI | Amazon.com, Inc. | USD | 4,700.00 | Jan 2023 | 2 | 200 | 47,862 | (1,022) |
| CITI | Amazon.com, Inc. | USD | 4,800.00 | Jan 2023 | 2 | 200 | 43,788 | (863) |
| CITI | Amazon.com, Inc. | USD | 4,900.00 | Jan 2023 | 1 | 100 | 20,032 | (364) |
| CITI | Amazon.com, Inc. | USD | 5,000.00 | Jan 2023 | 1 | 100 | 18,330 | (306) |
| CITI | Amazon.com, Inc. | USD | 5,100.00 | Jan 2023 | 1 | 100 | 16,783 | (257) |
| CSFB | Ameren Corp. | USD | 90.00 | Jun 2022 | 65 | 6,500 | 19,019 | (34,237) |
| CSFB | Ameren Corp. | USD | 95.00 | Jun 2022 | 75 | 7,500 | 8,220 | (6,745) |
| CSFB | Ameren Corp. | USD | 100.00 | Jun 2022 | 75 | 7,500 | 2,850 | — |
| JPM | Apple, Inc. | USD | 170.00 | Jan 2023 | 30 | 3,000 | 24,065 | (22,872) |
| JPM | Apple, Inc. | USD | 170.00 | Jan 2023 | 101 | 10,100 | 66,227 | (77,003) |
| JPM | Apple, Inc. | USD | 175.00 | Jan 2023 | 30 | 3,000 | 19,641 | (18,624) |
| JPM | Apple, Inc. | USD | 175.00 | Jan 2023 | 101 | 10,100 | 54,499 | (62,700) |
| JPM | Apple, Inc. | USD | 180.00 | Jan 2023 | 30 | 3,000 | 15,832 | (15,068) |
| JPM | Apple, Inc. | USD | 180.00 | Jan 2023 | 101 | 10,100 | 44,818 | (50,728) |
| CITI | Baxter International, Inc. | USD | 87.50 | Jan 2023 | 53 | 5,300 | 33,761 | (11,384) |
| CITI | Baxter International, Inc. | USD | 92.50 | Jan 2023 | 53 | 5,300 | 18,921 | (6,610) |
| CITI | Baxter International, Inc. | USD | 97.50 | Jan 2023 | 53 | 5,300 | 8,056 | (3,762) |
| GSI | Becton, Dickinson and Company | USD | 260.00 | Jan 2023 | 20 | 2,000 | 49,176 | (38,790) |
| GSI | Becton, Dickinson and Company | USD | 280.00 | Jan 2023 | 25 | 2,500 | 40,039 | (27,679) |
| GSI | Becton, Dickinson and Company | USD | 290.00 | Jan 2023 | 25 | 2,500 | 32,937 | (20,427) |
| WFB | General Electric Company | USD | 110.00 | Jan 2023 | 8 | 800 | 6,974 | (887) |
| WFB | General Electric Company | USD | 110.00 | Jan 2023 | 128 | 12,800 | 105,097 | (14,197) |
| WFB | General Electric Company | USD | 110.00 | Jan 2023 | 108 | 10,800 | 89,911 | (11,978) |
| WFB | General Electric Company | USD | 115.00 | Jan 2023 | 8 | 800 | 5,769 | (638) |
| WFB | General Electric Company | USD | 115.00 | Jan 2023 | 128 | 12,800 | 85,857 | (10,207) |
| WFB | General Electric Company | USD | 115.00 | Jan 2023 | 108 | 10,800 | 73,516 | (8,612) |
| CITI | Hologic, Inc. | USD | 85.00 | Jan 2023 | 90 | 9,000 | 33,994 | (32,099) |
| CITI | Hologic, Inc. | USD | 90.00 | Jan 2023 | 90 | 9,000 | 21,255 | (20,392) |
| CITI | Keurig Dr. Pepper, Inc. | USD | 40.00 | Jan 2023 | 187 | 18,700 | 26,730 | (13,521) |
| CITI | Keurig Dr. Pepper, Inc. | USD | 42.00 | Jan 2023 | 187 | 18,700 | 16,518 | (7,805) |
| JPM | Meta Platforms, Inc., Class A | USD | 345.00 | Sep 2022 | 21 | 2,100 | 81,770 | (354) |
| JPM | Meta Platforms, Inc., Class A | USD | 360.00 | Sep 2022 | 21 | 2,100 | 70,363 | (244) |
| CSFB | Microsoft Corp. | USD | 320.00 | Jan 2023 | 114 | 11,400 | 152,190 | (100,856) |
| SFG | Microsoft Corp. | USD | 320.00 | Jan 2023 | 32 | 3,200 | 56,883 | (28,310) |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

Options on securities (continued)

Counterparty (OTC)/

| Exchange-traded | Name of issuer | Currency | Exercise price | Expiration date | Number of contracts | Notional amount | Premium | Value |
|--------------------------|--|----------|----------------|-----------------|---------------------|-----------------|--------------------|----------------------|
| Calls (continued) | | | | | | | | |
| SFG | Microsoft Corp. | USD | 320.00 | Jan 2023 | 32 | 3,200 | \$ 61,099 | \$ (28,310) |
| CITI | Microsoft Corp. | USD | 330.00 | Jan 2023 | 21 | 2,100 | 30,850 | (13,970) |
| CITI | Microsoft Corp. | USD | 330.00 | Jan 2023 | 21 | 2,100 | 31,030 | (13,970) |
| CITI | Microsoft Corp. | USD | 330.00 | Jan 2023 | 17 | 1,700 | 30,220 | (11,309) |
| CSFB | Microsoft Corp. | USD | 330.00 | Jan 2023 | 35 | 3,500 | 41,273 | (23,284) |
| SFG | Microsoft Corp. | USD | 330.00 | Jan 2023 | 32 | 3,200 | 48,405 | (21,288) |
| SFG | Microsoft Corp. | USD | 330.00 | Jan 2023 | 32 | 3,200 | 51,807 | (21,288) |
| CSFB | Microsoft Corp. | USD | 335.00 | Jan 2023 | 35 | 3,500 | 36,239 | (20,096) |
| CITI | Microsoft Corp. | USD | 340.00 | Jan 2023 | 21 | 2,100 | 26,073 | (10,377) |
| CITI | Microsoft Corp. | USD | 340.00 | Jan 2023 | 21 | 2,100 | 26,180 | (10,377) |
| CITI | Microsoft Corp. | USD | 340.00 | Jan 2023 | 17 | 1,700 | 25,631 | (8,401) |
| CITI | Microsoft Corp. | USD | 340.00 | Jan 2023 | 43 | 4,300 | 87,102 | (21,249) |
| CITI | Microsoft Corp. | USD | 340.00 | Jan 2023 | 19 | 1,900 | 38,578 | (9,389) |
| CSFB | Microsoft Corp. | USD | 340.00 | Jan 2023 | 35 | 3,500 | 32,883 | (17,296) |
| SFG | Microsoft Corp. | USD | 340.00 | Jan 2023 | 32 | 3,200 | 41,247 | (15,813) |
| SFG | Microsoft Corp. | USD | 340.00 | Jan 2023 | 32 | 3,200 | 43,795 | (15,813) |
| CSFB | Microsoft Corp. | USD | 345.00 | Jan 2023 | 35 | 3,500 | 28,477 | (14,849) |
| CITI | Microsoft Corp. | USD | 350.00 | Jan 2023 | 21 | 2,100 | 21,927 | (7,633) |
| CITI | Microsoft Corp. | USD | 350.00 | Jan 2023 | 21 | 2,100 | 22,163 | (7,633) |
| CITI | Microsoft Corp. | USD | 350.00 | Jan 2023 | 17 | 1,700 | 21,637 | (6,179) |
| CITI | Microsoft Corp. | USD | 350.00 | Jan 2023 | 43 | 4,300 | 74,101 | (15,630) |
| CITI | Microsoft Corp. | USD | 350.00 | Jan 2023 | 19 | 1,900 | 33,056 | (6,906) |
| CSFB | Microsoft Corp. | USD | 350.00 | Jan 2023 | 35 | 3,500 | 25,120 | (12,722) |
| JPM | Microsoft Corp. | USD | 350.00 | Jan 2023 | 62 | 6,200 | 94,674 | (22,536) |
| SFG | Microsoft Corp. | USD | 350.00 | Jan 2023 | 32 | 3,200 | 34,689 | (11,632) |
| SFG | Microsoft Corp. | USD | 350.00 | Jan 2023 | 32 | 3,200 | 37,065 | (11,632) |
| JPM | Microsoft Corp. | USD | 355.00 | Jan 2023 | 62 | 6,200 | 85,994 | (19,342) |
| CITI | Microsoft Corp. | USD | 360.00 | Jan 2023 | 43 | 4,300 | 62,793 | (11,573) |
| CITI | Microsoft Corp. | USD | 360.00 | Jan 2023 | 19 | 1,900 | 28,142 | (5,114) |
| JPM | Microsoft Corp. | USD | 360.00 | Jan 2023 | 62 | 6,200 | 77,934 | (16,686) |
| CITI | Microsoft Corp. | USD | 365.00 | Jan 2023 | 42 | 4,200 | 55,884 | (9,808) |
| BOA | Public Service Enterprise Group, Inc. | USD | 65.00 | Jul 2022 | 69 | 6,900 | 21,268 | (26,748) |
| BOA | Public Service Enterprise Group, Inc. | USD | 70.00 | Jul 2022 | 69 | 6,900 | 8,626 | (7,590) |
| BOA | Public Service Enterprise Group, Inc. | USD | 75.00 | Jul 2022 | 69 | 6,900 | 2,287 | (1,379) |
| GSI | Starbucks Corp. | USD | 97.50 | Jan 2023 | 69 | 6,900 | 70,652 | (11,680) |
| GSI | Starbucks Corp. | USD | 97.50 | Jan 2023 | 70 | 7,000 | 65,590 | (11,849) |
| GSI | Starbucks Corp. | USD | 100.00 | Jan 2023 | 69 | 6,900 | 62,917 | (9,228) |
| GSI | Starbucks Corp. | USD | 100.00 | Jan 2023 | 70 | 7,000 | 59,290 | (9,361) |
| GSI | Starbucks Corp. | USD | 105.00 | Jan 2023 | 69 | 6,900 | 48,747 | (5,690) |
| GSI | Starbucks Corp. | USD | 105.00 | Jan 2023 | 70 | 7,000 | 46,690 | (5,772) |
| JPM | The PNC Financial Services Group, Inc. | USD | 190.00 | Jan 2023 | 49 | 4,900 | 44,933 | (45,661) |
| JPM | The PNC Financial Services Group, Inc. | USD | 195.00 | Jan 2023 | 49 | 4,900 | 37,338 | (37,123) |
| JPM | The PNC Financial Services Group, Inc. | USD | 200.00 | Jan 2023 | 49 | 4,900 | 30,723 | (29,825) |
| CITI | The PNC Financial Services Group, Inc. | USD | 220.00 | Jan 2023 | 34 | 3,400 | 45,293 | (7,681) |
| CITI | The PNC Financial Services Group, Inc. | USD | 220.00 | Jan 2023 | 24 | 2,400 | 31,200 | (5,422) |
| CITI | The PNC Financial Services Group, Inc. | USD | 220.00 | Jan 2023 | 7 | 700 | 9,034 | (1,581) |
| CITI | The PNC Financial Services Group, Inc. | USD | 220.00 | Jan 2023 | 21 | 2,100 | 27,234 | (4,744) |
| CITI | The PNC Financial Services Group, Inc. | USD | 230.00 | Jan 2023 | 34 | 3,400 | 35,857 | (4,422) |
| CITI | The PNC Financial Services Group, Inc. | USD | 230.00 | Jan 2023 | 24 | 2,400 | 24,679 | (3,122) |
| CITI | The PNC Financial Services Group, Inc. | USD | 230.00 | Jan 2023 | 7 | 700 | 7,140 | (910) |
| CITI | The PNC Financial Services Group, Inc. | USD | 230.00 | Jan 2023 | 21 | 2,100 | 21,437 | (2,731) |
| CITI | Thermo Fisher Scientific, Inc. | USD | 640.00 | Jan 2023 | 24 | 2,400 | 64,356 | (66,654) |
| CITI | UnitedHealth Group, Inc. | USD | 540.00 | Jan 2023 | 45 | 4,500 | 121,725 | (121,690) |
| CITI | UnitedHealth Group, Inc. | USD | 560.00 | Jan 2023 | 26 | 2,600 | 68,414 | (52,565) |
| CITI | UnitedHealth Group, Inc. | USD | 580.00 | Jan 2023 | 26 | 2,600 | 51,593 | (38,276) |
| WFB | Yum! Brands, Inc. | USD | 145.00 | Jan 2023 | 16 | 1,600 | 5,232 | (3,694) |
| WFB | Yum! Brands, Inc. | USD | 145.00 | Jan 2023 | 37 | 3,700 | 10,763 | (8,543) |
| WFB | Yum! Brands, Inc. | USD | 150.00 | Jan 2023 | 16 | 1,600 | 3,056 | (2,548) |
| WFB | Yum! Brands, Inc. | USD | 150.00 | Jan 2023 | 37 | 3,700 | 7,811 | (5,892) |
| | | | | | | | \$5,243,909 | \$(1,993,434) |

Derivatives Currency Abbreviations

USD U.S. Dollar

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

Derivatives Abbreviations

| | |
|------|--|
| BOA | Bank of America, N.A. |
| CITI | Citibank, N.A. |
| CSFB | Credit Suisse First Boston International |
| GSI | Goldman Sachs International |
| JPM | JPMorgan Chase Bank, N.A. |
| OTC | Over-the-counter |
| SFG | Susquehanna Financial Group, LLLP |
| WFB | Wells Fargo Bank, N.A. |

Core Bond Fund

| | Shares or Principal Amount | Value |
|---|----------------------------------|---------------|
| U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 56.8% | | |
| U.S. Government – 31.3% | | |
| U.S. Treasury Bonds | | |
| 1.125%, 05/15/2040 to 08/15/2040 | \$ 41,280,000 | \$ 29,263,706 |
| 1.375%, 11/15/2040 to 08/15/2050 | 33,296,000 | 23,493,329 |
| 1.625%, 11/15/2050 | 5,647,000 | 4,033,855 |
| 1.750%, 08/15/2041 | 46,128,000 | 35,860,920 |
| 1.875%, 02/15/2041 to 11/15/2051 | 5,204,000 | 4,121,032 |
| 2.000%, 11/15/2041 to 08/15/2051 | 28,873,000 | 23,189,393 |
| 2.250%, 05/15/2041 to 02/15/2052 | 29,790,000 | 25,157,658 |
| 2.375%, 02/15/2042 | 2,995,000 | 2,593,015 |
| 2.500%, 02/15/2045 | 9,057,000 | 7,822,630 |
| 2.875%, 05/15/2052 | 8,713,000 | 8,383,540 |
| 3.250%, 05/15/2042 | 251,000 | 250,176 |
| U.S. Treasury Notes | | |
| 0.125%, 09/30/2022 to 08/31/2023 | 14,701,000 | 14,628,546 |
| 0.250%, 08/31/2025 to 09/30/2025 | 32,944,000 | 30,352,772 |
| 0.375%, 11/30/2025 to 01/31/2026 | 23,895,000 | 21,916,526 |
| 0.500%, 08/31/2027 to 10/31/2027 | 35,280,000 | 31,200,911 |
| 0.625%, 11/30/2027 | 11,579,000 | 10,260,080 |
| 0.750%, 03/31/2026 to 05/31/2026 | 19,038,000 | 17,570,830 |
| 0.875%, 06/30/2026 | 6,075,000 | 5,621,273 |
| 1.000%, 07/31/2028 | 8,140,000 | 7,270,991 |
| 1.250%, 06/30/2028 | 6,758,000 | 6,140,277 |
| 1.375%, 10/31/2028 | 18,481,000 | 16,837,202 |
| 1.500%, 02/15/2025 to 08/15/2026 | 33,391,000 | 31,855,332 |
| 1.750%, 03/15/2025 to 01/31/2029 | 13,521,000 | 12,902,255 |
| 2.500%, 04/30/2024 to 02/28/2026 | 9,857,000 | 9,813,447 |
| 2.625%, 04/15/2025 to 05/31/2027 | 9,928,000 | 9,868,509 |
| 2.750%, 05/15/2025 to 05/31/2029 | 84,104,000 | 83,863,238 |
| 2.875%, 04/30/2029 to 05/15/2032 | 30,547,000 | 30,576,611 |
| | | 504,848,054 |
| U.S. Government Agency – 25.5% | | |
| Federal Home Loan Mortgage Corp. | | |
| 2.000%, 11/01/2041 to 03/01/2042 | 5,138,871 | 4,657,105 |
| 2.000%, 12/01/2041 to 05/01/2042 (A) | 5,886,070 | 5,331,958 |
| 2.424%, (12 month LIBOR + 1.638%), 09/01/2045 (B) | 2,347,731 | 2,377,301 |
| 2.500%, 01/01/2036 to 03/01/2052 | 17,565,683 | 16,577,636 |
| 2.617%, (12 month LIBOR + 1.679%), 09/01/2047 (B) | 1,220,462 | 1,241,270 |
| 2.807%, (12 month LIBOR + 1.641%), 05/01/2049 (B) | 1,031,294 | 1,031,048 |
| 2.841%, (12 month LIBOR + 1.635%), 04/01/2048 (B) | 2,658,710 | 2,707,819 |
| 3.000%, 08/01/2051 to 03/01/2052 | 6,732,210 | 6,488,703 |
| 3.185%, 12/14/2029 (C) | 2,068,000 | 1,627,037 |
| 3.435%, (12 month LIBOR + 1.637%), 03/01/2049 (B) | 1,046,042 | 1,055,838 |
| 4.000%, 01/01/2035 to 07/01/2049 | 5,978,424 | 6,122,916 |
| 4.500%, 06/01/2039 to 07/01/2039 | 107,618 | 111,267 |
| 5.000%, 05/01/2048 to 03/01/2049 | 4,800,930 | 5,053,445 |

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|---------------|
| U.S. GOVERNMENT AND AGENCY OBLIGATIONS (continued) | | |
| U.S. Government Agency (continued) | | |
| Federal National Mortgage Association | | |
| 1.500%, 10/01/2041 to 11/01/2041 | \$ 14,458,477 | \$ 12,611,940 |
| 2.000%, 02/01/2042 to 03/01/2042 (A) | 10,155,351 | 9,203,294 |
| 2.000%, 10/01/2051 to 03/01/2052 | 16,961,885 | 15,091,062 |
| 2.072%, (12 month LIBOR + 1.579%), 06/01/2045 (B) | 846,901 | 862,751 |
| 2.477%, (12 month LIBOR + 1.584%), 01/01/2046 (B) | 2,553,624 | 2,602,840 |
| 2.500%, 12/01/2035 to 03/01/2052 | 48,727,011 | 46,143,842 |
| 3.000%, TBA (A) | 800,000 | 762,812 |
| 3.000%, 01/01/2043 to 07/01/2060 | 44,597,378 | 42,860,885 |
| 3.024%, 11/15/2030 (C) | 6,077,000 | 4,705,628 |
| 3.500%, TBA (A) | 6,700,000 | 6,565,031 |
| 3.500%, 04/01/2050 to 05/01/2052 | 32,027,523 | 31,893,627 |
| 4.000%, TBA (A) | 35,900,000 | 35,846,248 |
| 4.000%, 09/01/2033 to 08/01/2059 | 19,554,785 | 20,014,140 |
| 4.500%, TBA (A) | 24,600,000 | 24,892,130 |
| 4.500%, 05/01/2034 to 08/01/2049 | 19,301,881 | 20,123,257 |
| 5.000%, TBA (A) | 24,400,000 | 25,018,735 |
| 5.000%, 07/01/2044 to 11/01/2049 | 2,709,103 | 2,824,694 |
| 5.500%, 12/01/2048 to 06/01/2049 | 5,314,380 | 5,709,349 |
| Government National Mortgage Association | | |
| 2.500%, 12/20/2051 | 11,230,945 | 10,550,432 |
| 3.000%, 10/20/2046 to 12/20/2051 | 14,197,623 | 13,710,361 |
| 3.500%, 01/20/2048 | 846,472 | 845,252 |
| 4.000%, 03/20/2048 to 07/20/2049 | 3,451,319 | 3,512,803 |
| 4.500%, TBA (A) | 5,200,000 | 5,294,414 |
| 4.500%, 08/15/2047 to 05/20/2049 | 3,356,903 | 3,463,597 |
| 5.000%, 12/20/2039 to 03/20/2049 | 10,148,929 | 10,577,598 |
| | | 410,070,065 |
| TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$969,918,898) | | |
| | \$ | 914,918,119 |
| FOREIGN GOVERNMENT OBLIGATIONS – 0.8% | | |
| Chile – 0.1% | | |
| Republic of Chile | | |
| 3.500%, 01/31/2034 | 336,000 | 310,556 |
| 4.340%, 03/07/2042 | 1,664,000 | 1,552,092 |
| | | 1,862,648 |
| Indonesia – 0.1% | | |
| Republic of Indonesia | | |
| 4.300%, 03/31/2052 | 688,000 | 635,409 |
| Italy – 0.0% | | |
| Republic of Italy | | |
| 3.875%, 05/06/2051 | 406,000 | 331,343 |
| Mexico – 0.4% | | |
| Government of Mexico | | |
| 3.500%, 02/12/2034 | 2,288,000 | 2,008,146 |
| 3.750%, 04/19/2071 | 1,249,000 | 879,713 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|---------------|
| FOREIGN GOVERNMENT OBLIGATIONS (continued) | | |
| Mexico (continued) | | |
| Government of Mexico (continued) | | |
| 4.280%, 08/14/2041 | \$ 2,258,000 | \$ 1,923,610 |
| 4.400%, 02/12/2052 | 337,000 | 276,970 |
| 4.500%, 04/22/2029 | 1,668,000 | 1,677,866 |
| 4.600%, 02/10/2048 | 305,000 | 262,115 |
| | | 7,028,420 |
| Paraguay – 0.1% | | |
| Republic of Paraguay | | |
| 3.849%, 06/28/2033 (D) | 393,000 | 345,502 |
| 4.950%, 04/28/2031 (D) | 315,000 | 306,556 |
| 5.400%, 03/30/2050 (D) | 944,000 | 804,999 |
| | | 1,457,057 |
| Peru – 0.1% | | |
| Republic of Peru | | |
| 1.862%, 12/01/2032 | 995,000 | 790,587 |
| 2.392%, 01/23/2026 | 754,000 | 712,687 |
| 3.600%, 01/15/2072 | 636,000 | 472,062 |
| | | 1,975,336 |
| TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$15,158,976) | | \$ 13,290,213 |
| CORPORATE BONDS – 27.1% | | |
| Communication services – 2.2% | | |
| AT&T, Inc. | | |
| 1.700%, 03/25/2026 | 2,680,000 | 2,495,689 |
| 3.500%, 06/01/2041 | 573,000 | 483,346 |
| 3.550%, 09/15/2055 | 562,000 | 449,981 |
| 3.650%, 06/01/2051 to 09/15/2059 | 1,562,000 | 1,263,962 |
| 3.800%, 12/01/2057 | 1,029,000 | 848,614 |
| Charter Communications Operating LLC | | |
| 3.500%, 06/01/2041 to 03/01/2042 | 2,042,000 | 1,526,923 |
| 3.900%, 06/01/2052 | 1,481,000 | 1,104,779 |
| 4.400%, 12/01/2061 | 465,000 | 360,477 |
| Comcast Corp. | | |
| 2.450%, 08/15/2052 | 268,000 | 189,347 |
| 2.650%, 08/15/2062 | 1,339,000 | 916,451 |
| Magallanes, Inc. | | |
| 3.638%, 03/15/2025 (D) | 1,072,000 | 1,058,431 |
| 3.755%, 03/15/2027 (D) | 1,630,000 | 1,582,078 |
| 4.054%, 03/15/2029 (D) | 536,000 | 513,506 |
| 4.279%, 03/15/2032 (D) | 881,000 | 823,423 |
| 5.050%, 03/15/2042 (D) | 1,179,000 | 1,065,664 |
| 5.141%, 03/15/2052 (D) | 1,987,000 | 1,777,852 |
| 5.391%, 03/15/2062 (D) | 1,337,000 | 1,197,812 |
| Netflix, Inc. | | |
| 3.625%, 06/15/2025 (D) | 60,000 | 58,867 |
| 5.375%, 11/15/2029 (D) | 749,000 | 754,618 |
| 5.875%, 11/15/2028 | 1,029,000 | 1,065,715 |
| Rogers Communications, Inc. | | |
| 4.550%, 03/15/2052 (D) | 669,000 | 621,428 |
| The Walt Disney Company | | |
| 2.750%, 09/01/2049 | 267,000 | 201,894 |
| T-Mobile USA, Inc. | | |
| 2.250%, 02/15/2026 | 44,000 | 41,235 |
| 2.250%, 02/15/2026 (D) | 4,734,000 | 4,436,515 |
| 2.875%, 02/15/2031 | 366,000 | 321,172 |
| 3.375%, 04/15/2029 | 2,110,000 | 1,954,651 |
| 3.375%, 04/15/2029 (D) | 2,685,000 | 2,487,317 |
| 3.500%, 04/15/2031 (D) | 1,605,000 | 1,465,020 |
| Verizon Communications, Inc. | | |
| 2.355%, 03/15/2032 | 812,000 | 699,341 |
| 2.550%, 03/21/2031 | 782,000 | 692,233 |
| 2.650%, 11/20/2040 | 2,255,000 | 1,739,914 |
| 2.875%, 11/20/2050 | 433,000 | 324,233 |

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| CORPORATE BONDS (continued) | | |
| Communication services (continued) | | |
| Verizon Communications, Inc. (continued) | | |
| 3.700%, 03/22/2061 | \$ 787,000 | \$ 653,720 |
| Vodafone Group PLC | | |
| 4.250%, 09/17/2050 | 214,000 | 188,598 |
| 5.000%, 05/30/2038 | 269,000 | 269,690 |
| | | 35,634,496 |
| Consumer discretionary – 2.1% | | |
| Amazon.com, Inc. | | |
| 1.000%, 05/12/2026 | 3,665,000 | 3,380,182 |
| 1.650%, 05/12/2028 | 1,651,000 | 1,490,362 |
| 2.100%, 05/12/2031 | 2,051,000 | 1,805,434 |
| 2.500%, 06/03/2050 | 1,072,000 | 798,085 |
| 2.700%, 06/03/2060 | 528,000 | 381,308 |
| 2.875%, 05/12/2041 | 376,000 | 313,271 |
| 3.100%, 05/12/2051 | 235,000 | 196,037 |
| 3.450%, 04/13/2029 | 805,000 | 800,035 |
| 3.600%, 04/13/2032 | 1,083,000 | 1,812,401 |
| 3.950%, 04/13/2052 | 805,000 | 775,590 |
| AutoNation, Inc. | | |
| 4.750%, 06/01/2030 | 2,715,000 | 2,649,489 |
| Dick's Sporting Goods, Inc. | | |
| 4.100%, 01/15/2052 | 406,000 | 287,963 |
| Ford Motor Company | | |
| 4.750%, 01/15/2043 | 440,000 | 363,000 |
| Ford Motor Credit Company LLC | | |
| 2.700%, 08/10/2026 | 1,872,000 | 1,691,088 |
| 2.900%, 02/10/2029 | 1,247,000 | 1,066,472 |
| 3.625%, 06/17/2031 | 1,044,000 | 902,642 |
| General Motors Financial Company, Inc. | | |
| 3.100%, 01/12/2032 | 585,000 | 494,592 |
| Hyundai Capital America | | |
| 0.800%, 01/08/2024 (D) | 1,028,000 | 983,049 |
| 1.300%, 01/08/2026 (D) | 1,130,000 | 1,017,736 |
| 2.000%, 06/15/2028 (D) | 536,000 | 460,638 |
| Marriott International, Inc. | | |
| 2.850%, 04/15/2031 | 714,000 | 618,549 |
| 3.500%, 10/15/2032 | 809,000 | 726,688 |
| 4.625%, 06/15/2030 | 2,251,000 | 2,228,886 |
| McDonald's Corp. | | |
| 3.625%, 09/01/2049 | 375,000 | 318,824 |
| 4.200%, 04/01/2050 | 1,324,000 | 1,235,292 |
| Tapestry, Inc. | | |
| 3.050%, 03/15/2032 | 1,386,000 | 1,174,123 |
| Target Corp. | | |
| 2.950%, 01/15/2052 | 1,503,000 | 1,203,652 |
| The Home Depot, Inc. | | |
| 2.375%, 03/15/2051 | 859,000 | 614,348 |
| 3.125%, 12/15/2049 | 1,042,000 | 844,420 |
| 3.250%, 04/15/2032 | 1,340,000 | 1,282,566 |
| 3.300%, 04/15/2040 | 223,000 | 196,941 |
| 3.625%, 04/15/2052 | 544,000 | 483,255 |
| The Trustees of the University of Pennsylvania | | |
| 3.610%, 02/15/2119 | 954,000 | 724,381 |
| | | 33,321,299 |
| Consumer staples – 0.7% | | |
| Altria Group, Inc. | | |
| 2.350%, 05/06/2025 | 116,000 | 111,323 |
| Anheuser-Busch Companies LLC | | |
| 4.700%, 02/01/2036 | 1,520,000 | 1,538,532 |
| 4.900%, 02/01/2046 | 2,867,000 | 2,858,956 |
| Anheuser-Busch InBev Worldwide, Inc. | | |
| 3.750%, 07/15/2042 | 491,000 | 421,005 |
| 4.375%, 04/15/2038 | 1,596,000 | 1,530,073 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| CORPORATE BONDS (continued) | | |
| Consumer staples (continued) | | |
| BAT Capital Corp. 4.390%, 08/15/2037 | \$ 286,000 | \$ 244,245 |
| Bunge, Ltd. Finance Corp. 1.630%, 08/17/2025 | 935,000 | 872,056 |
| Cargill, Inc. 4.000%, 06/22/2032 (D) | 541,000 | 542,757 |
| Keurig Dr Pepper, Inc. 4.050%, 04/15/2032 | 274,000 | 262,781 |
| Viterra Finance BV 3.200%, 04/21/2031 (D) | 283,000 | 242,266 |
| 4.900%, 04/21/2027 (D) | 1,366,000 | 1,353,383 |
| 5.250%, 04/21/2032 (D) | 1,686,000 | 1,623,180 |
| | | 11,600,557 |
| Energy – 1.5% | | |
| Aker BP ASA 3.750%, 01/15/2030 (D) | 371,000 | 345,740 |
| BP Capital Markets America, Inc. 2.939%, 06/04/2051 | 535,000 | 404,691 |
| Diamondback Energy, Inc. 4.400%, 03/24/2051 | 1,116,000 | 1,007,752 |
| Energy Transfer LP 4.400%, 03/15/2027 | 267,000 | 265,204 |
| 4.950%, 05/15/2028 | 1,975,000 | 1,984,182 |
| 5.300%, 04/15/2047 | 977,000 | 893,365 |
| 6.100%, 02/15/2042 | 281,000 | 276,003 |
| 6.125%, 12/15/2045 | 481,000 | 480,876 |
| Exxon Mobil Corp. 3.452%, 04/15/2051 | 1,504,000 | 1,301,682 |
| Galaxy Pipeline Assets Bidco, Ltd. 1.750%, 09/30/2027 (D) | 1,544,086 | 1,458,295 |
| 2.160%, 03/31/2034 (D) | 1,241,431 | 1,087,092 |
| 2.625%, 03/31/2036 (D) | 817,000 | 683,194 |
| 2.940%, 09/30/2040 (D) | 488,357 | 412,744 |
| Kinder Morgan, Inc. 3.250%, 08/01/2050 | 778,000 | 572,996 |
| 3.600%, 02/15/2051 | 645,000 | 501,698 |
| Lundin Energy Finance BV 2.000%, 07/15/2026 (D) | 3,688,000 | 3,354,957 |
| 3.100%, 07/15/2031 (D) | 1,601,000 | 1,409,582 |
| MPLX LP 4.950%, 03/14/2052 | 856,000 | 788,423 |
| Oleoducto Central SA 4.000%, 07/14/2027 (D) | 654,000 | 588,600 |
| Petroleos Mexicanos 2.378%, 04/15/2025 | 262,500 | 260,557 |
| 2.460%, 12/15/2025 | 1,360,400 | 1,351,202 |
| Pioneer Natural Resources Company 1.900%, 08/15/2030 | 909,000 | 762,802 |
| 2.150%, 01/15/2031 | 836,000 | 1,399,046 |
| Targa Resources Partners LP 4.000%, 01/15/2032 | 360,000 | 328,500 |
| 4.875%, 02/01/2031 | 1,283,000 | 1,229,987 |
| 5.500%, 03/01/2030 | 316,000 | 315,027 |
| | | 23,464,197 |
| Financials – 10.1% | | |
| Antares Holdings LP 3.750%, 07/15/2027 (D) | 1,268,000 | 1,133,777 |
| Ares Capital Corp. 3.200%, 11/15/2031 | 968,000 | 753,420 |
| Athene Global Funding 1.730%, 10/02/2026 (D) | 2,423,000 | 2,144,699 |
| 1.985%, 08/19/2028 (D) | 1,344,000 | 1,137,681 |
| 2.500%, 03/24/2028 (D) | 1,882,000 | 1,674,455 |
| 2.514%, 03/08/2024 (D) | 2,193,000 | 2,142,928 |
| 2.646%, 10/04/2031 (D) | 1,775,000 | 1,485,030 |

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------|
| CORPORATE BONDS (continued) | | |
| Financials (continued) | | |
| Athene Global Funding (continued) 3.205%, 03/08/2027 (D) | \$ 2,675,000 | \$ 2,505,044 |
| Bain Capital Specialty Finance, Inc. 2.550%, 10/13/2026 | 883,000 | 781,458 |
| Banco Santander SA (1.722% to 9-14-26, then 1 Year CMT + 0.900%) 09/14/2027 | 1,400,000 | 1,245,973 |
| Banco Santander SA (3.225% to 11-22-31, then 1 Year CMT + 1.600%) 11/22/2032 | 800,000 | 662,356 |
| Bank of America Corp. 3.500%, 04/19/2026 | 275,000 | 272,938 |
| Bank of America Corp. (1.319% to 6-19-25, then SOFR + 1.150%) 06/19/2026 | 719,000 | 663,421 |
| Bank of America Corp. (1.530% to 12-6-24, then SOFR + 0.650%) 12/06/2025 | 3,821,000 | 3,612,559 |
| Bank of America Corp. (1.658% to 3-11-26, then SOFR + 0.910%) 03/11/2027 | 4,264,000 | 3,903,961 |
| Bank of America Corp. (1.734% to 7-22-26, then SOFR + 0.960%) 07/22/2027 | 3,240,000 | 2,950,014 |
| Bank of America Corp. (1.922% to 10-24-30, then SOFR + 1.370%) 10/24/2031 | 900,000 | 743,046 |
| Bank of America Corp. (2.496% to 2-13-30, then 3 month LIBOR + 0.990%) 02/13/2031 | 1,511,000 | 1,331,276 |
| Bank of America Corp. (2.592% to 4-29-30, then SOFR + 2.150%) 04/29/2031 | 414,000 | 363,630 |
| Bank of America Corp. (2.687% to 4-22-31, then SOFR + 1.320%) 04/22/2032 | 4,117,000 | 3,587,972 |
| Bank of America Corp. (2.972% to 2-4-32, then SOFR + 1.330%) 02/04/2033 | 862,000 | 764,949 |
| Bank of America Corp. (3.004% to 12-20-22, then 3 month LIBOR + 0.790%) 12/20/2023 | 2,137,000 | 2,136,452 |
| Bank of America Corp. (3.384% to 4-2-25, then SOFR + 1.330%) 04/02/2026 | 5,908,000 | 5,820,845 |
| Bank of America Corp. (3.419% to 12-20-27, then 3 month LIBOR + 1.040%) 12/20/2028 | 2,973,000 | 2,841,502 |
| Berkshire Hathaway Finance Corp. 3.850%, 03/15/2052 | 804,000 | 733,122 |
| Blackstone Private Credit Fund 2.350%, 11/22/2024 (D) | 997,000 | 934,943 |
| 2.625%, 12/15/2026 (D) | 778,000 | 675,670 |
| 3.250%, 03/15/2027 (D) | 1,102,000 | 974,451 |
| 4.000%, 01/15/2029 (D) | 1,723,000 | 1,522,031 |
| Brighthouse Financial, Inc. 3.850%, 12/22/2051 | 532,000 | 385,845 |
| Canadian Imperial Bank of Commerce 3.600%, 04/07/2032 | 533,000 | 496,990 |
| Citigroup, Inc. (2.014% to 1-25-25, then SOFR + 0.694%) 01/25/2026 | 1,083,000 | 1,030,679 |
| Citigroup, Inc. (3.290% to 3-17-25, then SOFR + 1.528%) 03/17/2026 | 268,000 | 262,936 |
| Citigroup, Inc. (4.658% to 5-24-27, then SOFR + 1.887%) 05/24/2028 | 1,933,000 | 1,971,257 |
| Citigroup, Inc. (4.910% to 5-24-32, then SOFR + 2.086%) 05/24/2033 | 1,933,000 | 1,985,043 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| CORPORATE BONDS (continued) | | |
| Financials (continued) | | |
| Cooperatieve Rabobank UA (3.649% to 4-6-27, then 1 Year CMT + 1.220%) 04/06/2028 (D) | \$ 4,026,000 | \$ 3,907,074 |
| Cooperatieve Rabobank UA (3.758% to 4-6-32, then 1 Year CMT + 1.420%) 04/06/2033 (D) | 1,909,000 | 1,784,891 |
| Deutsche Bank AG (3.742% to 10-7-31, then SOFR + 2.257%) 01/07/2033 | 2,822,000 | 2,306,935 |
| Enstar Group, Ltd. 3.100%, 09/01/2031 | 1,352,000 | 1,136,850 |
| F&G Global Funding 2.000%, 09/20/2028 (D) | 1,349,000 | 1,166,956 |
| FS KKR Capital Corp. 3.250%, 07/15/2027 | 116,000 | 104,480 |
| GA Global Funding Trust 0.800%, 09/13/2024 (D) | 1,921,000 | 1,787,779 |
| GE Capital International Funding Company 4.418%, 11/15/2035 | 386,000 | 380,591 |
| HSBC Holdings PLC (4.755% to 6-9-27, then SOFR + 1.950%) 4.755%, 06/09/2028 (A) | 2,792,000 | 2,792,000 |
| JPMorgan Chase & Co. (1.040% to 2-4-26, then 3 month CME Term SOFR + 0.695%) 02/04/2027 | 5,382,000 | 4,841,846 |
| JPMorgan Chase & Co. (1.045% to 11-19-25, then SOFR + 0.800%) 11/19/2026 | 3,001,000 | 2,722,234 |
| JPMorgan Chase & Co. (1.470% to 9-22-26, then SOFR + 0.765%) 09/22/2027 | 1,339,000 | 1,206,023 |
| JPMorgan Chase & Co. (1.561% to 12-10-24, then SOFR + 0.605%) 12/10/2025 | 8,413,000 | 7,981,999 |
| JPMorgan Chase & Co. (2.083% to 4-22-25, then SOFR + 1.850%) 04/22/2026 | 2,354,000 | 2,238,147 |
| JPMorgan Chase & Co. (2.182% to 6-1-27, then SOFR + 1.890%) 06/01/2028 | 1,649,000 | 1,500,778 |
| JPMorgan Chase & Co. (2.301% to 10-15-24, then SOFR + 1.160%) 10/15/2025 | 337,000 | 325,995 |
| JPMorgan Chase & Co. (4.323% to 4-26-27, then SOFR 1.560%) 04/26/2028 | 2,705,000 | 2,729,101 |
| KKR Group Finance Company XII LLC 4.850%, 05/17/2032 (D) | 2,018,000 | 2,040,238 |
| Mitsubishi UFJ Financial Group, Inc. (0.953% to 7-19-24, then 1 Year CMT + 0.550%) 07/19/2025 | 3,324,000 | 3,134,066 |
| Mitsubishi UFJ Financial Group, Inc. (1.538% to 7-20-26, then 1 Year CMT + 0.750%) 07/20/2027 | 3,284,000 | 2,948,612 |
| Mitsubishi UFJ Financial Group, Inc. (1.640% to 10-13-26, then 1 Year CMT + 0.670%) 10/13/2027 | 2,732,000 | 2,447,310 |
| Mitsubishi UFJ Financial Group, Inc. (2.309% to 7-20-31, then 1 Year CMT + 0.950%) 07/20/2032 | 1,717,000 | 1,436,370 |
| Mitsubishi UFJ Financial Group, Inc. (2.341% to 1-19-27, then 1 Year CMT + 0.830%) 01/19/2028 | 1,550,000 | 1,424,472 |
| Mitsubishi UFJ Financial Group, Inc. (2.494% to 10-13-31, then 1 Year CMT + 0.970%) 10/13/2032 | 1,116,000 | 943,414 |

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| CORPORATE BONDS (continued) | | |
| Financials (continued) | | |
| Mitsubishi UFJ Financial Group, Inc. (4.080% to 4-19-27, 1 Year CMT + 1.300%) 04/19/2028 | \$ 1,521,000 | \$ 1,507,670 |
| Morgan Stanley (0.790% to 5-30-24, then SOFR + 0.525%) 05/30/2025 | 3,529,000 | 3,330,596 |
| Morgan Stanley (0.791% to 1-22-24, then SOFR + 0.509%) 01/22/2025 | 4,052,000 | 3,876,241 |
| Morgan Stanley (0.864% to 10-21-24, then SOFR + 0.745%) 10/21/2025 | 1,070,000 | 1,001,844 |
| Morgan Stanley (0.985% to 12-10-25, then SOFR + 0.720%) 12/10/2026 | 2,738,000 | 2,464,605 |
| Morgan Stanley (1.164% to 10-21-24, then SOFR + 0.560%) 10/21/2025 | 1,383,000 | 1,301,604 |
| Morgan Stanley (1.512% to 7-20-26, then SOFR + 0.858%) 07/20/2027 | 2,093,000 | 1,892,259 |
| Morgan Stanley (2.239% to 7-21-31, then SOFR + 1.178%) 07/21/2032 | 1,596,000 | 1,347,328 |
| Morgan Stanley (2.475% to 1-21-27, then SOFR + 1.000%) 01/21/2028 | 535,000 | 498,241 |
| Morgan Stanley (4.210% to 4-20-27, then SOFR + 1.610%) 04/20/2028 | 796,000 | 797,322 |
| Morgan Stanley Direct Lending Fund 4.500%, 02/11/2027 (D) | 968,000 | 901,704 |
| Owl Rock Capital Corp. 3.400%, 07/15/2026 | 1,533,000 | 1,413,222 |
| Owl Rock Capital Corp. III 3.125%, 04/13/2027 (D) | 1,712,000 | 1,500,740 |
| Owl Rock Core Income Corp. 4.700%, 02/08/2027 (D) | 815,000 | 765,279 |
| SBL Holdings, Inc. 5.000%, 02/18/2031 (D) | 1,863,000 | 1,637,022 |
| Stewart Information Services Corp. 3.600%, 11/15/2031 | 724,000 | 618,323 |
| Sumitomo Mitsui Financial Group, Inc. 1.402%, 09/17/2026 | 1,806,000 | 1,618,618 |
| 1.902%, 09/17/2028 | 3,423,000 | 2,972,672 |
| The Goldman Sachs Group, Inc. 2.600%, 02/07/2030 | 696,000 | 613,797 |
| The Goldman Sachs Group, Inc. (0.657% to 9-10-23, then SOFR + 0.505%) 09/10/2024 | 2,694,000 | 2,599,741 |
| The Goldman Sachs Group, Inc. (0.925% to 10-21-23, then SOFR + 0.486%) 10/21/2024 | 5,390,000 | 5,205,561 |
| The Goldman Sachs Group, Inc. (1.948% to 10-21-26, then SOFR + 0.913%) 10/21/2027 | 1,333,000 | 1,215,234 |
| The Goldman Sachs Group, Inc. (2.650% to 10-21-31, then SOFR + 1.264%) 10/21/2032 | 930,000 | 797,191 |
| The Goldman Sachs Group, Inc. (3.102% to 2-24-32, then SOFR + 1.410%) 02/24/2033 | 726,000 | 645,119 |
| The Goldman Sachs Group, Inc. (1.757% to 1-24-24, then SOFR + 0.730%) 01/24/2025 | 2,927,000 | 2,846,424 |
| Trust Fibr Uno 6.390%, 01/15/2050 (D) | 682,000 | 596,750 |
| UBS Group AG (4.488% to 5-12-25, then 1 Year CMT + 1.550%) 05/12/2026 (D) | 1,386,000 | 1,399,770 |
| UBS Group AG (4.751% to 5-12-27, then 1 Year CMT + 1.750%) 05/12/2028 (D) | 1,137,000 | 1,152,634 |
| Wells Fargo & Company (3.526% to 3-24-27, then SOFR + 1.510%) 03/24/2028 | 5,601,000 | 5,445,269 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------|
| CORPORATE BONDS (continued) | | |
| Financials (continued) | | |
| Wells Fargo & Company (3.908% to 4-25-25, then SOFR + 1.320%) 04/25/2026 | \$ 2,136,000 | \$ 2,135,196 |
| | | 163,018,490 |
| Health care – 2.5% | | |
| AbbVie, Inc. | | |
| 2.300%, 11/21/2022 | 1,676,000 | 1,675,069 |
| 3.200%, 11/21/2029 | 1,599,000 | 1,503,120 |
| 4.050%, 11/21/2039 | 636,000 | 591,818 |
| 4.250%, 11/21/2049 | 2,168,000 | 2,029,420 |
| 4.300%, 05/14/2036 | 391,000 | 382,657 |
| 4.450%, 05/14/2046 | 396,000 | 377,850 |
| Amgen, Inc. | | |
| 3.000%, 01/15/2052 | 595,000 | 442,607 |
| Astrazeneca Finance LLC | | |
| 1.750%, 05/28/2028 | 1,895,000 | 1,712,325 |
| AstraZeneca PLC | | |
| 1.375%, 08/06/2030 | 547,000 | 456,752 |
| Centene Corp. | | |
| 2.450%, 07/15/2028 | 2,881,000 | 2,587,757 |
| 3.000%, 10/15/2030 | 587,000 | 522,160 |
| Cigna Corp. | | |
| 3.400%, 03/15/2050 | 276,000 | 219,934 |
| CSL Finance PLC | | |
| 3.850%, 04/27/2027 (D) | 271,000 | 271,448 |
| 4.050%, 04/27/2029 (D) | 541,000 | 541,893 |
| 4.750%, 04/27/2052 (D) | 577,000 | 572,090 |
| CVS Health Corp. | | |
| 3.000%, 08/15/2026 | 579,000 | 565,203 |
| 4.300%, 03/25/2028 | 1,223,000 | 1,238,240 |
| 5.050%, 03/25/2048 | 442,000 | 450,219 |
| Danaher Corp. | | |
| 2.600%, 10/01/2050 | 639,000 | 462,139 |
| 2.800%, 12/10/2051 | 429,000 | 322,630 |
| DH Europe Finance II Sarl | | |
| 2.050%, 11/15/2022 | 856,000 | 855,581 |
| 2.200%, 11/15/2024 | 1,473,000 | 1,435,614 |
| Gilead Sciences, Inc. | | |
| 2.600%, 10/01/2040 | 930,000 | 710,576 |
| 2.800%, 10/01/2050 | 864,000 | 631,151 |
| 4.000%, 09/01/2036 | 481,000 | 467,265 |
| GSK Consumer Healthcare Capital US LLC | | |
| 3.375%, 03/24/2027 to 03/24/2029 (D) | 2,349,000 | 2,273,289 |
| 3.625%, 03/24/2032 (D) | 1,895,000 | 1,813,262 |
| 4.000%, 03/24/2052 (D) | 858,000 | 775,822 |
| HCA, Inc. | | |
| 3.500%, 09/01/2030 to 07/15/2051 | 576,000 | 480,747 |
| Pfizer, Inc. | | |
| 2.550%, 05/28/2040 | 1,868,000 | 1,524,026 |
| Roche Holdings, Inc. | | |
| 2.076%, 12/13/2031 (D) | 2,024,000 | 1,768,787 |
| 2.607%, 12/13/2051 (D) | 759,000 | 575,560 |
| Shire Acquisitions Investments Ireland DAC | | |
| 2.875%, 09/23/2023 | 442,000 | 440,504 |
| STERIS Irish FinCo Unlimited Company | | |
| 3.750%, 03/15/2051 | 1,523,000 | 1,222,353 |
| Takeda Pharmaceutical Company, Ltd. | | |
| 2.050%, 03/31/2030 | 1,482,000 | 1,269,854 |
| 3.025%, 07/09/2040 | 617,000 | 497,874 |
| 3.175%, 07/09/2050 | 373,000 | 287,909 |
| 4.400%, 11/26/2023 | 1,047,000 | 1,065,318 |
| Thermo Fisher Scientific, Inc. | | |
| 1.750%, 10/15/2028 | 541,000 | 479,631 |

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| CORPORATE BONDS (continued) | | |
| Health care (continued) | | |
| Thermo Fisher Scientific, Inc. (continued) | | |
| 2.000%, 10/15/2031 | \$ 908,000 | \$ 773,710 |
| 2.800%, 10/15/2041 | 859,000 | 690,417 |
| UnitedHealth Group, Inc. | | |
| 2.750%, 05/15/2040 | 411,000 | 335,277 |
| 2.900%, 05/15/2050 | 955,000 | 743,822 |
| 3.050%, 05/15/2041 | 281,000 | 234,874 |
| 3.250%, 05/15/2051 | 902,000 | 752,304 |
| 4.000%, 05/15/2029 | 840,000 | 853,074 |
| 4.200%, 05/15/2032 | 560,000 | 573,417 |
| 4.625%, 07/15/2035 | 379,000 | 396,581 |
| 4.750%, 05/15/2052 | 56,000 | 59,129 |
| | | 40,913,059 |
| Industrials – 1.3% | | |
| Adani International Container Terminal Private, Ltd. | | |
| 3.000%, 02/16/2031 (D) | 480,000 | 414,566 |
| AerCap Ireland Capital DAC | | |
| 1.150%, 10/29/2023 | 3,309,000 | 3,178,003 |
| Canadian Pacific Railway Company | | |
| 1.350%, 12/02/2024 | 1,329,000 | 1,263,364 |
| 1.750%, 12/02/2026 | 258,000 | 237,603 |
| 3.000%, 12/02/2041 | 426,000 | 351,454 |
| Crowley Conro LLC | | |
| 4.181%, 08/15/2043 | 785,393 | 815,146 |
| Delta Air Lines, Inc. | | |
| 4.500%, 10/20/2025 (D) | 2,181,000 | 2,175,776 |
| 4.750%, 10/20/2028 (D) | 3,166,000 | 3,161,731 |
| John Deere Capital Corp. | | |
| 2.125%, 03/07/2025 | 804,000 | 785,148 |
| 2.350%, 03/08/2027 | 1,337,000 | 1,272,831 |
| Quanta Services, Inc. | | |
| 0.950%, 10/01/2024 | 1,070,000 | 1,007,727 |
| The Boeing Company | | |
| 2.196%, 02/04/2026 | 2,035,000 | 1,863,645 |
| 3.250%, 02/01/2035 | 658,000 | 521,744 |
| 3.750%, 02/01/2050 | 1,177,000 | 870,728 |
| Union Pacific Corp. | | |
| 2.400%, 02/05/2030 | 1,053,000 | 950,014 |
| 2.800%, 02/14/2032 | 1,341,000 | 1,223,477 |
| 3.375%, 02/14/2042 | 645,000 | 560,338 |
| 3.500%, 02/14/2053 | 911,000 | 787,289 |
| | | 21,440,584 |
| Information technology – 2.4% | | |
| Apple, Inc. | | |
| 1.250%, 08/20/2030 | 541,000 | 453,872 |
| 1.400%, 08/05/2028 | 2,148,000 | 1,913,462 |
| 2.375%, 02/08/2041 | 437,000 | 345,683 |
| 2.550%, 08/20/2060 | 454,000 | 327,677 |
| 2.650%, 05/11/2050 to 02/08/2051 | 2,244,000 | 1,743,512 |
| 2.700%, 08/05/2051 | 535,000 | 418,582 |
| Broadcom, Inc. | | |
| 2.450%, 02/15/2031 (D) | 938,000 | 777,478 |
| 3.150%, 11/15/2025 | 702,000 | 681,538 |
| 3.419%, 04/15/2033 (D) | 2,554,000 | 2,198,809 |
| 3.469%, 04/15/2034 (D) | 1,199,000 | 1,021,348 |
| 4.000%, 04/15/2029 (D) | 1,072,000 | 1,022,544 |
| 4.150%, 11/15/2030 | 635,000 | 602,603 |
| 4.150%, 04/15/2032 (D) | 805,000 | 753,920 |
| 4.926%, 05/15/2037 (D) | 856,000 | 809,323 |
| Dell International LLC | | |
| 3.375%, 12/15/2041 (D) | 1,333,000 | 998,998 |
| 3.450%, 12/15/2051 (D) | 1,599,000 | 1,159,035 |
| 4.900%, 10/01/2026 | 275,000 | 280,639 |
| 6.100%, 07/15/2027 | 546,000 | 582,662 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| CORPORATE BONDS (continued) | | |
| Information technology (continued) | | |
| Global Payments, Inc. 1.500%, 11/15/2024 | \$ 798,000 | \$ 757,461 |
| 2.150%, 01/15/2027 | 1,596,000 | 1,450,422 |
| HP, Inc. 2.200%, 06/17/2025 | 1,251,000 | 1,194,457 |
| 4.000%, 04/15/2029 | 1,876,000 | 1,794,478 |
| 4.200%, 04/15/2032 | 1,876,000 | 1,748,335 |
| Intel Corp. 2.450%, 11/15/2029 | 536,000 | 490,459 |
| 2.800%, 08/12/2041 | 1,402,000 | 1,116,861 |
| 3.050%, 08/12/2051 | 215,000 | 169,838 |
| 3.200%, 08/12/2061 | 437,000 | 336,107 |
| KLA Corp. 3.300%, 03/01/2050 | 1,277,000 | 1,053,480 |
| NXP BV 2.650%, 02/15/2032 | 1,105,000 | 918,983 |
| 3.250%, 05/11/2041 | 587,000 | 461,531 |
| 3.400%, 05/01/2030 | 742,000 | 686,378 |
| 4.400%, 06/01/2027 | 658,000 | 660,325 |
| 5.000%, 01/15/2033 | 1,645,000 | 1,645,045 |
| QUALCOMM, Inc. 4.250%, 05/20/2032 | 824,000 | 852,272 |
| 4.500%, 05/20/2052 | 275,000 | 278,518 |
| VMware, Inc. 0.600%, 08/15/2023 | 2,617,000 | 2,538,482 |
| 1.000%, 08/15/2024 | 1,865,000 | 1,763,278 |
| 1.400%, 08/15/2026 | 1,857,000 | 1,664,643 |
| 1.800%, 08/15/2028 | 325,000 | 276,499 |
| 4.700%, 05/15/2030 | 1,078,000 | 1,068,120 |
| | | 39,017,657 |
| Materials – 0.5% | | |
| Anglo American Capital PLC 3.875%, 03/16/2029 (D) | 1,480,000 | 1,407,394 |
| 4.750%, 03/16/2052 (D) | 1,154,000 | 1,051,588 |
| Freeport-McMoRan, Inc. 5.250%, 09/01/2029 | 438,000 | 437,640 |
| Glencore Finance Canada, Ltd. 6.000%, 11/15/2041 (D) | 66,000 | 68,509 |
| Rohm and Haas Company 7.850%, 07/15/2029 | 672,000 | 812,421 |
| Teck Resources, Ltd. 5.200%, 03/01/2042 | 370,000 | 353,541 |
| 6.125%, 10/01/2035 | 550,000 | 605,385 |
| 6.250%, 07/15/2041 | 617,000 | 665,897 |
| The Dow Chemical Company 3.600%, 11/15/2050 | 544,000 | 445,782 |
| 7.375%, 11/01/2029 | 642,000 | 762,711 |
| Westlake Corp. 3.125%, 08/15/2051 | 262,000 | 193,070 |
| 3.375%, 08/15/2061 | 506,000 | 363,511 |
| 3.600%, 08/15/2026 | 587,000 | 581,655 |
| | | 7,749,104 |
| Real estate – 1.7% | | |
| Agree LP 2.000%, 06/15/2028 | 1,171,000 | 1,032,855 |
| 2.600%, 06/15/2033 | 267,000 | 220,152 |
| American Campus Communities Operating Partnership LP 2.250%, 01/15/2029 | 705,000 | 660,965 |
| American Homes 4 Rent 3.625%, 04/15/2032 | 1,072,000 | 977,971 |
| 4.300%, 04/15/2052 | 483,000 | 412,557 |
| American Tower Corp. 2.700%, 04/15/2031 | 431,000 | 365,645 |
| 3.650%, 03/15/2027 | 1,335,000 | 1,298,292 |

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| CORPORATE BONDS (continued) | | |
| Real estate (continued) | | |
| Brixmor Operating Partnership LP 2.250%, 04/01/2028 | \$ 377,000 | \$ 332,298 |
| 2.500%, 08/16/2031 | 650,000 | 534,360 |
| Crown Castle International Corp. 1.050%, 07/15/2026 | 1,610,000 | 1,432,660 |
| 2.100%, 04/01/2031 | 1,108,000 | 910,490 |
| 2.900%, 03/15/2027 to 04/01/2041 | 2,025,000 | 1,858,083 |
| 3.300%, 07/01/2030 | 925,000 | 843,129 |
| 4.000%, 03/01/2027 | 270,000 | 268,319 |
| Essex Portfolio LP 1.700%, 03/01/2028 | 1,407,000 | 1,233,688 |
| 2.550%, 06/15/2031 | 554,000 | 476,387 |
| Extra Space Storage LP 2.350%, 03/15/2032 | 484,000 | 397,520 |
| 3.900%, 04/01/2029 | 536,000 | 514,356 |
| Federal Realty Investment Trust 3.950%, 01/15/2024 | 743,000 | 748,860 |
| GLP Capital LP 5.300%, 01/15/2029 | 543,000 | 539,753 |
| Invitation Homes Operating Partnership LP 4.150%, 04/15/2032 | 1,072,000 | 1,022,971 |
| Mid-America Apartments LP 3.950%, 03/15/2029 | 540,000 | 528,011 |
| 4.000%, 11/15/2025 | 658,000 | 662,559 |
| 4.300%, 10/15/2023 | 551,000 | 558,694 |
| Realty Income Corp. 2.200%, 06/15/2028 | 576,000 | 517,933 |
| 2.850%, 12/15/2032 | 779,000 | 695,303 |
| 3.400%, 01/15/2028 | 572,000 | 553,032 |
| Regency Centers LP 2.950%, 09/15/2029 | 1,169,000 | 1,050,447 |
| Rexford Industrial Realty LP 2.150%, 09/01/2031 | 595,000 | 488,258 |
| Spirit Realty LP 3.400%, 01/15/2030 | 379,000 | 341,435 |
| STORE Capital Corp. 2.700%, 12/01/2031 | 374,000 | 309,873 |
| 2.750%, 11/18/2030 | 952,000 | 809,527 |
| 4.500%, 03/15/2028 | 2,030,000 | 2,031,708 |
| 4.625%, 03/15/2029 | 686,000 | 682,089 |
| Sun Communities Operating LP 2.300%, 11/01/2028 | 539,000 | 472,307 |
| 4.200%, 04/15/2032 | 1,071,000 | 1,007,992 |
| VICI Properties LP 5.625%, 05/15/2052 | 283,000 | 276,811 |
| | | 27,067,290 |
| Utilities – 2.1% | | |
| American Transmission Systems, Inc. 2.650%, 01/15/2032 (D) | 374,000 | 325,591 |
| Baltimore Gas and Electric Company 2.250%, 06/15/2031 | 801,000 | 698,413 |
| CenterPoint Energy Houston Electric LLC 3.600%, 03/01/2052 | 590,000 | 519,920 |
| Consumers Energy Company 2.500%, 05/01/2060 | 455,000 | 302,963 |
| 2.650%, 08/15/2052 | 590,000 | 428,130 |
| DTE Electric Company 2.950%, 03/01/2050 | 935,000 | 735,953 |
| 3.650%, 03/01/2052 | 429,000 | 382,650 |
| DTE Energy Company 1.050%, 06/01/2025 | 562,000 | 521,517 |
| Duke Energy Carolinas LLC 2.550%, 04/15/2031 | 543,000 | 484,483 |
| 2.850%, 03/15/2032 | 990,000 | 905,075 |
| 3.550%, 03/15/2052 | 829,000 | 720,634 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| CORPORATE BONDS (continued) | | |
| Utilities (continued) | | |
| Duke Energy Corp. 2.550%, 06/15/2031 | \$ 640,000 | \$ 547,962 |
| 3.500%, 06/15/2051 | 163,000 | 127,706 |
| 3.750%, 09/01/2046 | 162,000 | 134,135 |
| Duke Energy Florida LLC 2.400%, 12/15/2031 | 798,000 | 695,722 |
| Duke Energy Progress LLC 2.500%, 08/15/2050 | 806,000 | 581,062 |
| Entergy Arkansas LLC 2.650%, 06/15/2051 | 719,000 | 523,078 |
| Eversource Energy 1.400%, 08/15/2026 | 449,000 | 408,896 |
| 3.375%, 03/01/2032 | 1,087,000 | 1,002,548 |
| Exelon Corp. 4.100%, 03/15/2052 (D) | 374,000 | 333,364 |
| Florida Power & Light Company 2.450%, 02/03/2032 | 1,920,000 | 1,713,954 |
| Israel Electric Corp., Ltd. 3.750%, 02/22/2032 (D) | 490,000 | 448,090 |
| ITC Holdings Corp. 2.700%, 11/15/2022 | 1,086,000 | 1,086,778 |
| Jersey Central Power & Light Company 2.750%, 03/01/2032 (D) | 878,000 | 765,808 |
| Metropolitan Edison Company 4.300%, 01/15/2029 (D) | 938,000 | 939,713 |
| MidAmerican Energy Company 2.700%, 08/01/2052 | 694,000 | 519,184 |
| Mississippi Power Company 3.100%, 07/30/2051 | 960,000 | 713,160 |
| 3.950%, 03/30/2028 | 957,000 | 948,753 |
| 4.250%, 03/15/2042 | 368,000 | 331,347 |
| Northern States Power Company 3.200%, 04/01/2052 | 540,000 | 445,342 |
| NSTAR Electric Company 3.100%, 06/01/2051 | 495,000 | 392,279 |
| 4.550%, 06/01/2052 | 658,000 | 666,342 |
| Oncor Electric Delivery Company LLC 2.700%, 11/15/2051 | 516,000 | 391,070 |
| Pacific Gas & Electric Company 2.100%, 08/01/2027 | 426,000 | 370,435 |
| 3.950%, 12/01/2047 | 1,238,000 | 899,317 |
| 4.200%, 06/01/2041 | 465,000 | 359,466 |
| 4.500%, 07/01/2040 | 274,000 | 223,164 |
| 4.750%, 02/15/2044 | 269,000 | 218,045 |
| 4.950%, 07/01/2050 | 1,081,000 | 901,913 |
| PacificCorp 3.300%, 03/15/2051 | 417,000 | 341,886 |
| PECO Energy Company 2.850%, 09/15/2051 | 966,000 | 734,515 |
| 4.600%, 05/15/2052 | 828,000 | 863,843 |
| Pennsylvania Electric Company 3.250%, 03/15/2028 (D) | 779,000 | 733,654 |
| Public Service Company of Oklahoma 2.200%, 08/15/2031 | 812,000 | 694,675 |
| 3.150%, 08/15/2051 | 540,000 | 415,748 |
| Public Service Electric & Gas Company 1.900%, 08/15/2031 | 1,073,000 | 908,122 |
| 2.050%, 08/01/2050 | 223,000 | 145,224 |
| 2.700%, 05/01/2050 | 437,000 | 327,659 |
| Public Service Enterprise Group, Inc. 1.600%, 08/15/2030 | 617,000 | 500,830 |
| 2.450%, 11/15/2031 | 689,000 | 586,526 |
| Southern California Edison Company 4.125%, 03/01/2048 | 601,000 | 516,193 |

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|----------------|
| CORPORATE BONDS (continued) | | |
| Utilities (continued) | | |
| Southern Company Gas Capital Corp. 1.750%, 01/15/2031 | \$ 845,000 | \$ 684,966 |
| The AES Corp. 1.375%, 01/15/2026 | 1,158,000 | 1,046,200 |
| Trans-Allegheny Interstate Line Company 3.850%, 06/01/2025 (D) | 379,000 | 377,598 |
| Virginia Electric and Power Company 2.450%, 12/15/2050 | 310,000 | 217,151 |
| 2.950%, 11/15/2051 | 801,000 | 617,807 |
| 4.625%, 05/15/2052 | 547,000 | 565,819 |
| Xcel Energy, Inc. 4.600%, 06/01/2032 | 819,000 | 840,250 |
| | | 33,832,628 |
| TOTAL CORPORATE BONDS (Cost \$478,834,027) | | \$ 437,059,361 |
| MUNICIPAL BONDS – 0.3% | | |
| Board of Regents of the University of Texas 2.439%, 08/15/2049 | 600,000 | 437,883 |
| County of Clark Department of Aviation (Nevada) 6.820%, 07/01/2045 | 1,115,000 | 1,462,729 |
| North Texas Tollway Authority 6.718%, 01/01/2049 | 459,000 | 615,739 |
| Port Authority of New York & New Jersey 4.458%, 10/01/2062 | 1,010,000 | 1,004,912 |
| The Ohio State University 4.800%, 06/01/2111 | 600,000 | 594,374 |
| TOTAL MUNICIPAL BONDS (Cost \$4,182,680) | \$ | 4,115,637 |
| COLLATERALIZED MORTGAGE OBLIGATIONS – 8.9% | | |
| Commercial and residential – 4.3% | | |
| Angel Oak Mortgage Trust LLC Series 2019-2, Class A1, 3.628%, 03/25/2049 (D)(E) | 90,184 | 89,996 |
| Series 2020-2, Class A1A, 2.531%, 01/26/2065 (D)(E) | 281,527 | 272,991 |
| Series 2020-5, Class A1, 1.373%, 05/25/2065 (D)(E) | 316,008 | 302,825 |
| Series 2021-6, Class A1, 1.458%, 09/25/2066 (D)(E) | 956,293 | 871,825 |
| BANK | | |
| Series 2022-BNK41, Class A4 3.916%, 04/15/2065 (E) | 512,000 | 501,182 |
| Barclays Commercial Mortgage Trust Series 2019-C3, Class A3 3.319%, 05/15/2052 | 188,000 | 178,436 |
| BBCMS Mortgage Trust Series 2018-C2, Class ASB 4.236%, 12/15/2051 | 375,000 | 382,573 |
| Benchmark Mortgage Trust Series 2021-B31, Class A5, 2.669%, 12/15/2054 | 262,000 | 232,487 |
| Series 2022-B34, Class A5, 3.786%, 04/15/2055 | 791,000 | 770,153 |
| Series 2022-B35, Class A5, 4.594%, 05/15/2055 (E) | 1,291,000 | 1,333,888 |
| Bunker Hill Loan Depository Trust Series 2019-2, Class A1 2.879%, 07/25/2049 (D) | 911,992 | 895,453 |
| BX Commercial Mortgage Trust Series 2021-VOLT, Class A (1 month LIBOR + 0.700%), 1.575%, 09/15/2036 (B)(D) | 3,519,000 | 3,350,578 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|---|--|--|
| COLLATERALIZED MORTGAGE OBLIGATIONS (continued) | | |
| Commercial and residential (continued) | | |
| BX Commercial Mortgage Trust (continued) Series 2021-XL2, Class A (1 month LIBOR + 0.689%), 1.564%, 10/15/2038 (B)(D) | \$ 1,631,692 | \$ 1,567,322 |
| CFCRE Commercial Mortgage Trust Series 2017-C8, Class ASB 3.367%, 06/15/2050 | 527,673 | 524,659 |
| COLT Mortgage Loan Trust Series 2021-2, Class A1, 0.924%, 08/25/2066 (D)(E) Series 2021-4, Class A1, 1.397%, 10/25/2066 (D)(E) | 1,235,517 1,348,499 | 1,095,313 1,181,082 |
| Commercial Mortgage Trust (Cantor Fitzgerald/Deutsche Bank AG) Series 2012-CR3, Class A3, 2.822%, 10/15/2045 Series 2013-CR10, Class A4, 4.210%, 08/10/2046 (E) Series 2013-CR11, Class A4, 4.258%, 08/10/2050 Series 2013-CR6, Class A4, 3.101%, 03/10/2046 Series 2014-UBS4, Class A4, 3.420%, 08/10/2047 Series 2015-LC19, Class A3, 2.922%, 02/10/2048 Series 2015-LC23, Class A3, 3.521%, 10/10/2048 | 508,153 45,000 3,182,000 2,628,000 1,279,000 1,580,146 649,000 | 507,521 45,279 3,200,412 2,623,181 1,267,631 1,546,198 640,956 |
| CSAIL Commercial Mortgage Trust Series 2019-C16, Class A2, 3.067%, 06/15/2052 Series 2021-C20, Class A3, 2.805%, 03/15/2054 | 615,000 408,000 | 570,039 363,127 |
| EQUUS Mortgage Trust Series 2021-EQAZ, Class A (1 month LIBOR + 0.755%) 1.630%, 10/15/2038 (B)(D) | 1,388,000 | 1,333,239 |
| GS Mortgage Securities Trust Series 2013-GC14, Class A5, 4.243%, 08/10/2046 Series 2014-GC18, Class A4, 4.074%, 01/10/2047 Series 2020-GC47, Class A5, 2.377%, 05/12/2053 Series 2020-GSA2, Class A4, 1.721%, 12/12/2053 | 718,000 1,530,000 523,000 1,786,000 | 721,474 1,540,123 462,593 1,509,290 |
| Impact Funding Affordable Multifamily Housing Mortgage Loan Trust Series 2010-1, Class A1 5.314%, 01/25/2051 (D) | 1,800,665 | 1,778,185 |
| JPMBB Commercial Mortgage Securities Trust Series 2013-C12, Class A5, 3.664%, 07/15/2045 Series 2014-C23, Class A4, 3.670%, 09/15/2047 Series 2015-C28, Class A3, 2.912%, 10/15/2048 Series 2015-C30, Class A5, 3.822%, 07/15/2048 Series 2013-C17, Class A4, 4.199%, 01/15/2047 | 1,055,000 544,163 2,837,111 981,000 353,000 | 1,056,036 542,285 2,770,846 976,045 355,276 |

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|---|---|---|
| COLLATERALIZED MORTGAGE OBLIGATIONS (continued) | | |
| Commercial and residential (continued) | | |
| JPMorgan Chase Commercial Mortgage Securities Trust Series 2013-C16, Class A4, 4.166%, 12/15/2046 Series 2016-JP4, Class A3, 3.393%, 12/15/2049 | \$ 1,578,000 346,000 | \$ 1,584,014 333,936 |
| Med Trust Series 2021-MDLN, Class A (1 month LIBOR + 0.950%) 1.825%, 11/15/2038 (B)(D) | 2,236,000 | 2,149,145 |
| Mello Warehouse Securitization Trust Series 2021-1, Class A (1 month LIBOR + 0.700%), 1.368%, 02/25/2055 (B)(D) Series 2021-2, Class A (1 month LIBOR + 0.750%), 1.756%, 04/25/2055 (B)(D) | 820,000 2,244,000 | 811,954 2,213,193 |
| MFA Trust Series 2021-NQM2, Class A1 1.029%, 11/25/2064 (D)(E) | 600,189 | 548,327 |
| Morgan Stanley Capital I Trust Series 2020-HR8, Class A3, 1.790%, 07/15/2053 Series 2022-L8, Class A5, 3.795%, 04/15/2055 (E) | 982,000 527,000 | 830,954 511,096 |
| New Residential Mortgage Loan Trust Series 2019-NQM4, Class A1 2.492%, 09/25/2059 (D)(E) | 445,432 | 430,008 |
| NewRez Warehouse Securitization Trust Series 2021-1, Class A (1 month LIBOR + 0.750%) 1.756%, 05/25/2055 (B)(D) | 3,312,000 | 3,277,869 |
| Santander Bank Auto Credit-Linked Notes Series 2021-PF1, Class A5 2.522%, 11/15/2054 | 816,000 | 720,690 |
| Starwood Mortgage Residential Trust Series 2020-1, Class A1, 2.275%, 02/25/2050 (D)(E) Series 2020-3, Class A1, 1.486%, 04/25/2065 (D)(E) Series 2020-INV1, Class A1, 1.027%, 11/25/2055 (D)(E) Series 2021-1, Class A1, 1.219%, 05/25/2065 (D)(E) Series 2021-4, Class A1, 1.162%, 08/25/2056 (D)(E) | 315,384 762,792 706,903 917,516 1,291,876 | 314,501 748,601 688,315 866,060 1,177,056 |
| UBS-Barclays Commercial Mortgage Trust Series 2012-C4, Class A4 2.792%, 12/10/2045 | 1,071,000 | 1,070,154 |
| Verus Securitization Trust Series 2019-INV2, Class A1, 2.913%, 07/25/2059 (D)(E) Series 2019-INV3, Class A1, 2.692%, 11/25/2059 (D)(E) Series 2020-1, Class A1, 2.417%, 01/25/2060 (D) Series 2020-2, Class A1, 2.226%, 05/25/2060 (D)(E) Series 2020-5, Class A1, 1.218%, 05/25/2065 (D) Series 2021-1, Class A1, 0.815%, 01/25/2066 (D)(E) Series 2021-3, Class A1, 1.046%, 06/25/2066 (D)(E) | 539,427 827,858 188,173 522,013 337,911 1,132,543 964,653 | 538,809 816,649 185,304 514,338 322,879 1,079,327 894,365 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------|
| COLLATERALIZED MORTGAGE OBLIGATIONS (continued) | | |
| Commercial and residential (continued) | | |
| Verus Securitization Trust (continued) | | |
| Series 2021-4, Class A1, 0.938%, 07/25/2066 (D)(E) | \$ 1,147,580 | \$ 1,013,190 |
| Series 2021-5, Class A1, 1.013%, 09/25/2066 (D)(E) | 4,155,997 | 3,714,963 |
| Series 2021-7, Class A1, 1.829%, 10/25/2066 (D)(E) | 1,701,443 | 1,560,016 |
| Series 2021-8, Class A1, 1.824%, 11/25/2066 (D)(E) | 1,221,908 | 1,101,804 |
| Series 2021-R1, Class A1, 0.820%, 10/25/2063 (D)(E) | 1,089,709 | 1,065,643 |
| Series 2021-R3, Class A1, 1.020%, 04/25/2064 (D)(E) | 656,527 | 631,676 |
| Visio Trust | | |
| Series 2020-1R, Class A1 1.312%, 11/25/2055 (D) | 793,327 | 772,191 |
| | | 69,847,526 |
| U.S. Government Agency – 4.6% | | |
| Federal Home Loan Mortgage Corp. | | |
| Series 264, Class 30, 3.000%, 07/15/2042 | 1,897,275 | 1,821,290 |
| Series 4205, Class PA, 1.750%, 05/15/2043 | 920,926 | 852,295 |
| Series 4426, Class QC, 1.750%, 07/15/2037 | 1,509,363 | 1,436,668 |
| Series 4705, Class A, 4.500%, 09/15/2042 | 29,929 | 29,952 |
| Series 4742, Class PA, 3.000%, 10/15/2047 | 1,343,377 | 1,301,491 |
| Series 4763, Class CA, 3.000%, 09/15/2038 | 304,654 | 296,451 |
| Series 4767, Class KA, 3.000%, 03/15/2048 | 498,482 | 485,017 |
| Series 4846, Class PF (1 month LIBOR + 0.350%), 1.225%, 12/15/2048 (B) | 239,949 | 238,462 |
| Series 4880, Class DA, 3.000%, 05/15/2050 | 1,961,491 | 1,909,168 |
| Series 5091, Class AB, 1.500%, 03/25/2051 | 2,862,619 | 2,577,061 |
| Series 5119, Class AB, 1.500%, 08/25/2049 | 628,252 | 557,904 |
| Series 5201, Class CA, 2.500%, 07/25/2048 | 1,516,045 | 1,431,121 |
| Federal National Mortgage Association | | |
| Series 1998-61, Class PL, 6.000%, 11/25/2028 | 130,637 | 138,764 |
| Series 2012-151, Class NX, 1.500%, 01/25/2043 | 883,956 | 810,023 |
| Series 2013-11, Class AP, 1.500%, 01/25/2043 | 3,702,192 | 3,462,484 |
| Series 2013-43, Class BP, 1.750%, 05/25/2043 | 1,203,797 | 1,114,348 |
| Series 2014-73, Class MA, 2.500%, 11/25/2044 | 704,422 | 670,059 |
| Series 2015-84, Class PA, 1.700%, 08/25/2033 | 4,062,993 | 3,870,385 |
| Series 2016-48, Class MA, 2.000%, 06/25/2038 | 3,762,134 | 3,572,376 |
| Series 2016-57, Class PC, 1.750%, 06/25/2046 | 7,125,745 | 6,451,098 |
| Series 2017-13, Class PA, 3.000%, 08/25/2046 | 912,975 | 892,136 |

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|----------------|
| COLLATERALIZED MORTGAGE OBLIGATIONS (continued) | | |
| U.S. Government Agency (continued) | | |
| Federal National | | |
| Mortgage Association (continued) | | |
| Series 2017-M7, Class A2, 2.961%, 02/25/2027 (E) | \$ 545,939 | \$ 535,574 |
| Series 2018-14, Class KC, 3.000%, 03/25/2048 | 1,425,592 | 1,385,889 |
| Series 2018-15, Class AB, 3.000%, 03/25/2048 | 410,987 | 402,707 |
| Series 2018-8, Class KL, 2.500%, 03/25/2047 | 941,240 | 882,534 |
| Series 2019-25, Class PA, 3.000%, 05/25/2048 | 2,767,541 | 2,718,545 |
| Series 2019-8, Class GA, 3.000%, 03/25/2049 | 4,010,815 | 3,906,460 |
| Series 2020-48, Class AB, 2.000%, 07/25/2050 | 1,431,781 | 1,319,672 |
| Series 2020-48, Class DA, 2.000%, 07/25/2050 | 4,276,814 | 3,916,772 |
| Series 2021-27, Class EC, 1.500%, 05/25/2051 | 4,842,969 | 4,277,185 |
| Series 2021-78, Class ND, 1.500%, 11/25/2051 | 2,028,180 | 1,848,704 |
| Series 2022-11, Class A, 2.500%, 07/25/2047 | 3,193,269 | 3,046,003 |
| Series 2022-M3, Class A2, 1.707%, 11/25/2031 (E) | 1,256,000 | 1,082,415 |
| Series 414, Class A35, 3.500%, 10/25/2042 | 975,298 | 977,950 |
| Government National | | |
| Mortgage Association | | |
| Series 2012-141, Class WA, 4.526%, 11/16/2041 (E) | 313,686 | 321,128 |
| Series 2017-167, Class BQ, 2.500%, 08/20/2044 | 926,166 | 899,088 |
| Series 2018-11, Class PC, 2.750%, 12/20/2047 | 1,424,792 | 1,376,307 |
| Series 2019-132, Class NA, 3.500%, 09/20/2049 | 1,393,682 | 1,391,924 |
| Series 2019-31, Class JC, 3.500%, 03/20/2049 | 844,019 | 840,840 |
| Series 2021-23, Class MG, 1.500%, 02/20/2051 | 3,982,103 | 3,581,433 |
| Series 2022-107, Class C, 2.500%, 06/20/2051 (A) | 4,154,000 | 3,780,951 |
| Series 2022-84, Class A, 2.500%, 01/20/2052 | 1,211,000 | 1,074,684 |
| | | 73,485,318 |
| TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS | | |
| (Cost \$151,620,087) | | \$ 143,332,844 |
| ASSET BACKED SECURITIES – 9.0% | | |
| Ally Auto Receivables Trust | | |
| Series 2022-1, Class A3 3.310%, 11/15/2026 | 1,404,000 | 1,401,586 |
| American Express Credit Account Master Trust | | |
| Series 2022-2, Class A 3.390%, 05/17/2027 | 7,998,000 | 8,037,639 |
| AmeriCredit Automobile Receivables Trust | | |
| Series 2022-1, Class A3 2.450%, 11/18/2026 | 459,000 | 449,254 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------|
| ASSET BACKED SECURITIES (continued) | | |
| Avis Budget Rental Car Funding AESOP LLC | | |
| Series 2019-3A, Class A 2.360%, 03/20/2026 (D) | \$ 1,054,000 | \$ 1,010,154 |
| Series 2020-1A, Class A 2.330%, 08/20/2026 (D) | 869,000 | 832,274 |
| Series 2021-2A, Class A 1.660%, 02/20/2028 (D) | 2,483,000 | 2,231,869 |
| Barclays Dryrock Issuance Trust Series 2022-1, Class A 3.070%, 02/15/2028 | 3,562,000 | 3,515,846 |
| Capital One Multi-Asset Execution Trust Series 2021-A2, Class A2 1.390%, 07/15/2030 | 1,746,000 | 1,519,501 |
| College Ave Student Loans LLC Series 2017-A, Class A1 (1 month LIBOR + 1.650%) | | |
| 2.656%, 11/26/2046 (B)(D) | 575,115 | 574,701 |
| Series 2018-A, Class A2 4.130%, 12/26/2047 (D) | 726,423 | 705,642 |
| Series 2019-A, Class A2 3.280%, 12/28/2048 (D) | 786,170 | 763,231 |
| Series 2021-A, Class A2 1.600%, 07/25/2051 (D) | 998,317 | 896,592 |
| Ford Credit Auto Lease Trust Series 2022-A, Class A3 3.230%, 05/15/2025 | 2,794,000 | 2,787,884 |
| Series 2022-A, Class A4 3.370%, 07/15/2025 | 1,074,000 | 1,069,754 |
| Ford Credit Auto Owner Trust Series 2020-2, Class A 1.060%, 04/15/2033 (D) | 801,000 | 737,108 |
| Series 2022-1, Class A 3.880%, 11/15/2034 (D) | 3,760,000 | 3,767,024 |
| Series 2022-A, Class A3 1.290%, 06/15/2026 | 747,000 | 722,102 |
| GM Financial Automobile Leasing Trust Series 2022-2, Class A3 3.420%, 06/20/2025 | 1,129,000 | 1,128,115 |
| Series 2022-2, Class A4 3.540%, 05/20/2026 | 1,237,000 | 1,235,615 |
| GM Financial Consumer Automobile Receivables Trust Series 2022-2, Class A3 3.100%, 02/16/2027 | 3,183,000 | 3,170,977 |
| Series 2022-2, Class A4 3.250%, 04/17/2028 | 1,698,000 | 1,679,418 |
| Hertz Vehicle Financing III LP Series 2021-2A, Class A 1.680%, 12/27/2027 (D) | 2,145,000 | 1,933,014 |
| Hertz Vehicle Financing LLC Series 2022-1A, Class A 1.990%, 06/25/2026 (D) | 2,942,000 | 2,782,023 |
| Series 2022-2A, Class A 2.330%, 06/26/2028 (D) | 2,613,000 | 2,374,653 |
| Series 2022-4A, Class A 3.730%, 09/25/2026 (D) | 2,644,000 | 2,611,765 |
| Series 2022-5A, Class A 3.890%, 09/25/2028 (D) | 2,644,000 | 2,585,418 |
| Hyundai Auto Receivables Trust Series 2021-C, Class A4 1.030%, 12/15/2027 | 963,000 | 892,929 |
| Series 2022-A, Class A3 2.220%, 10/15/2026 | 1,779,000 | 1,738,764 |
| Series 2022-A, Class A4 2.350%, 04/17/2028 | 606,000 | 583,364 |

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| ASSET BACKED SECURITIES (continued) | | |
| Navient Private Education Loan Trust Series 2014-AA, Class A3 (1 month LIBOR + 1.600%) | \$ 739,000 | \$ 730,188 |
| 2.475%, 10/15/2031 (B)(D) | | |
| Series 2016-AA, Class A2B (1 month LIBOR + 2.150%) | 226,889 | 230,209 |
| 3.025%, 12/15/2045 (B)(D) | | |
| Series 2020-IA, Class A1A 1.330%, 04/15/2069 (D) | 2,711,976 | 2,480,880 |
| Navient Private Education Refi Loan Trust Series 2018-A, Class A2 3.190%, 02/18/2042 (D) | 467,825 | 468,502 |
| Series 2018-DA, Class A2A 4.000%, 12/15/2059 (D) | 912,224 | 919,302 |
| Series 2019-CA, Class A2 3.130%, 02/15/2068 (D) | 1,776,600 | 1,749,388 |
| Series 2019-D, Class A2A 3.010%, 12/15/2059 (D) | 2,383,221 | 2,311,258 |
| Series 2019-FA, Class A2 2.600%, 08/15/2068 (D) | 1,264,611 | 1,230,186 |
| Series 2020-BA, Class A2 2.120%, 01/15/2069 (D) | 593,965 | 577,907 |
| Series 2020-EA, Class A 1.690%, 05/15/2069 (D) | 170,882 | 161,806 |
| Series 2020-GA, Class A 1.170%, 09/16/2069 (D) | 61,494 | 58,630 |
| Series 2020-HA, Class A 1.310%, 01/15/2069 (D) | 901,161 | 865,795 |
| Series 2021-A, Class A 0.840%, 05/15/2069 (D) | 620,403 | 574,056 |
| Series 2021-BA, Class A 0.940%, 07/15/2069 (D) | 508,818 | 475,166 |
| Series 2021-CA, Class A 1.060%, 10/15/2069 (D) | 133,497 | 124,859 |
| Series 2021-EA, Class A 0.970%, 12/16/2069 (D) | 3,449,363 | 3,156,555 |
| Series 2021-FA, Class A 1.110%, 02/18/2070 (D) | 1,758,305 | 1,622,408 |
| Series 2021-GA, Class A 1.580%, 04/15/2070 (D) | 1,216,592 | 1,138,589 |
| Series 2022-A, Class A 2.230%, 07/15/2070 (D) | 4,332,581 | 4,133,812 |
| Navient Student Loan Trust Series 2019-BA, Class A2A 3.390%, 12/15/2059 (D) | 1,490,184 | 1,456,171 |
| Series 2021-3A, Class A1A 1.770%, 08/25/2070 (D) | 2,038,367 | 1,842,124 |
| Nelnet Student Loan Trust Series 2004-3, Class A5 (3 month LIBOR + 0.180%) | 206,028 | 199,423 |
| 1.364%, 10/27/2036 (B) | | |
| Series 2004-4, Class A5 (3 month LIBOR + 0.160%) | 1,277,299 | 1,241,233 |
| 1.344%, 01/25/2037 (B) | | |
| Series 2005-1, Class A5 (3 month LIBOR + 0.110%) | 3,671,658 | 3,643,510 |
| 1.294%, 10/25/2033 (B) | | |
| Series 2005-2, Class A5 (3 month LIBOR + 0.100%) | 3,887,495 | 3,761,543 |
| 1.034%, 03/23/2037 (B) | | |
| Series 2005-3, Class A5 (3 month LIBOR + 0.120%) | 2,817,657 | 2,802,975 |
| 1.054%, 12/24/2035 (B) | | |
| Series 2005-4, Class A4 (3 month LIBOR + 0.180%) | 480,730 | 457,502 |
| 1.114%, 03/22/2032 (B) | | |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------|
| ASSET BACKED SECURITIES (continued) | | |
| Santander Drive Auto Receivables Trust | | |
| Series 2022-2, Class A3 | | |
| 2.980%, 10/15/2026 | \$ 3,333,000 | \$ 3,311,455 |
| Series 2022-3, Class A3 | | |
| 3.400%, 12/15/2026 | 1,309,000 | 1,307,752 |
| SLM Student Loan Trust | | |
| Series 2007-2, Class A4 (3 month LIBOR + 0.060%) | | |
| 1.244%, 07/25/2022 (B) | 3,519,946 | 3,435,642 |
| SMB Private Education Loan Trust | | |
| Series 2016-B, Class A2A | | |
| 2.430%, 02/17/2032 (D) | 173,855 | 169,490 |
| Series 2016-B, Class A2B (1 month LIBOR + 1.450%) | | |
| 2.325%, 02/17/2032 (B)(D) | 118,457 | 118,184 |
| Series 2018-C, Class A2A | | |
| 3.630%, 11/15/2035 (D) | 726,330 | 722,292 |
| Series 2019-A, Class A2A | | |
| 3.440%, 07/15/2036 (D) | 4,304,270 | 4,249,254 |
| Series 2020-B, Class A1A | | |
| 1.290%, 07/15/2053 (D) | 1,619,322 | 1,515,760 |
| Series 2020-PTA, Class A2A | | |
| 1.600%, 09/15/2054 (D) | 1,659,986 | 1,530,145 |
| Series 2020-PTB, Class A2A | | |
| 1.600%, 09/15/2054 (D) | 4,968,401 | 4,576,899 |
| Series 2021-A, Class APT1 | | |
| 1.070%, 01/15/2053 (D) | 4,066,919 | 3,661,229 |
| Series 2021-B, Class A | | |
| 1.310%, 07/17/2051 (D) | 1,068,691 | 1,008,063 |
| Series 2021-C, Class A2 (1 month LIBOR + 0.800%) | | |
| 1.675%, 01/15/2053 (B)(D) | 2,226,000 | 2,152,660 |
| Series 2021-D, Class A1A | | |
| 1.340%, 03/17/2053 (D) | 3,387,296 | 3,180,322 |
| Series 2021-E, Class A1A | | |
| 1.680%, 02/15/2051 (D) | 2,343,601 | 2,203,848 |
| Series 2022-A, Class APT | | |
| 2.850%, 11/16/2054 (D) | 1,571,074 | 1,473,516 |
| SoFi Professional Loan Program LLC | | |
| Series 2017-D, Class A2FX | | |
| 2.650%, 09/25/2040 (D) | 319,919 | 315,774 |
| Series 2017-E, Class A2B | | |
| 2.720%, 11/26/2040 (D) | 520,885 | 520,326 |
| Series 2020-C, Class AFX | | |
| 1.950%, 02/15/2046 (D) | 194,267 | 187,667 |
| Series 2021-A, Class AFX | | |
| 1.030%, 08/17/2043 (D) | 629,975 | 575,991 |
| Series 2021-B, Class AFX | | |
| 1.140%, 02/15/2047 (D) | 1,411,750 | 1,289,029 |
| Synchrony Card Funding LLC | | |
| Series 2022-A1, Class A | | |
| 3.370%, 04/15/2028 | 1,944,000 | 1,938,845 |
| Toyota Auto Loan Extended Note Trust | | |
| Series 2022-1A, Class A | | |
| 3.820%, 04/25/2035 (D) | 6,059,000 | 6,068,036 |
| Toyota Auto Receivables Owner Trust | | |
| Series 2021-D, Class A3 | | |
| 0.710%, 04/15/2026 | 529,000 | 507,139 |
| Series 2022-B, Class A4 | | |
| 3.110%, 08/16/2027 | 1,267,000 | 1,244,586 |
| Triton Container Finance VIII LLC | | |
| Series 2020-1A, Class A | | |
| 2.110%, 09/20/2045 (D) | 1,028,283 | 929,999 |
| Verizon Master Trust | | |
| Series 2022-2, Class A | | |
| 1.530%, 07/20/2028 | 1,023,000 | 971,631 |

Core Bond Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-----------------------|
| ASSET BACKED SECURITIES (continued) | | |
| Verizon Master Trust (continued) | | |
| Series 2022-4, Class A | | |
| 3.400%, 11/20/2028 | \$ 2,260,000 | \$ 2,260,112 |
| World Omni Automobile Lease | | |
| Securitization Trust | | |
| Series 2022-A, Class A3 | | |
| 3.210%, 02/18/2025 | 1,195,000 | 1,200,086 |
| Series 2022-A, Class A4 | | |
| 3.340%, 06/15/2027 | 704,000 | 706,693 |
| TOTAL ASSET BACKED SECURITIES (Cost \$150,804,316) | | \$ 145,484,618 |
| SHORT-TERM INVESTMENTS – 3.5% | | |
| Short-term funds – 3.5% | | |
| State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (F) | 56,912,428 | 56,912,428 |
| TOTAL SHORT-TERM INVESTMENTS (Cost \$56,912,428) | | \$ 56,912,428 |
| Total Investments (Core Bond Fund) (Cost \$1,827,431,412) – 106.4% | | |
| Other assets and liabilities, net – (6.4%) | | |
| TOTAL NET ASSETS – 100.0% | | |
| \$ 1,715,113,220 (103,548,687) \$ 1,611,564,533 | | |

Security Abbreviations and Legend

| | |
|-------|---|
| CME | Chicago Mercantile Exchange |
| CMT | Constant Maturity Treasury |
| LIBOR | London Interbank Offered Rate |
| SOFR | Secured Overnight Financing Rate |
| TBA | To Be Announced. A forward mortgage-backed securities trade issued by a U.S. Government Agency, to be delivered at an agreed-upon future settlement date. |
| (A) | Security purchased or sold on a when-issued or delayed delivery basis. |
| (B) | Variable rate obligation. The coupon rate shown represents the rate at period end. |
| (C) | Zero coupon bonds are issued at a discount from their principal amount in lieu of paying interest periodically. Rate shown is the effective yield at period end. |
| (D) | These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$226,108,070 or 14.0% of the fund's net assets as of 5-31-22. |
| (E) | Variable or floating rate security, the interest rate of which adjusts periodically based on a weighted average of interest rates and prepayments on the underlying pool of assets. The interest rate shown is the current rate as of period end. |
| (F) | The rate shown is the annualized seven-day yield as of 5-31-22. |

Health Sciences Fund

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| COMMON STOCKS – 98.6% | | |
| Consumer discretionary – 0.2% | | |
| Specialty retail – 0.2% | | |
| Warby Parker, Inc., Class A (A) | 48,660 | \$ 826,247 |
| Financials – 0.2% | | |
| Capital markets – 0.2% | | |
| BCLS Acquisition Corp., Class A (A) | 21,428 | 211,923 |
| Dynamics Special Purpose Corp., Class A (A) | 26,772 | 266,114 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Health Sciences Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| Capital markets (continued) | | |
| Health Sciences Acquisitions Corp. 2 (A) | 19,166 | \$ 190,702 |
| | | 668,739 |
| Health care – 97.7% | | |
| Biotechnology – 25.3% | | |
| Aadi Bioscience, Inc. (A) | 12,686 | 204,371 |
| AbbVie, Inc. | 48,481 | 7,144,645 |
| ACADIA Pharmaceuticals, Inc. (A) | 28,359 | 457,998 |
| Adagio Therapeutics, Inc. (A) | 23,851 | 70,599 |
| ADC Therapeutics SA (A) | 30,034 | 205,433 |
| Agios Pharmaceuticals, Inc. (A) | 13,590 | 264,597 |
| Alector, Inc. (A) | 15,178 | 134,477 |
| Alkermes PLC (A) | 2,930 | 87,461 |
| Allakos, Inc. (A) | 21,130 | 63,390 |
| Allogene Therapeutics, Inc. (A) | 46,738 | 370,632 |
| Alnylam Pharmaceuticals, Inc. (A) | 30,683 | 3,859,921 |
| Amgen, Inc. | 7,198 | 1,848,015 |
| Apellis Pharmaceuticals, Inc. (A) | 26,544 | 1,100,249 |
| Argenx SE, ADR (A) | 19,729 | 6,102,180 |
| Ascendis Pharma A/S, ADR (A) | 18,142 | 1,533,180 |
| Avidity Biosciences, Inc. (A) | 32,197 | 448,504 |
| BeiGene, Ltd., ADR (A) | 4,500 | 617,490 |
| Bicycle Therapeutics PLC, ADR (A) | 4,867 | 77,823 |
| Biogen, Inc. (A) | 7,312 | 1,462,400 |
| BioMarin Pharmaceutical, Inc. (A) | 7,082 | 532,071 |
| BioNTech SE, ADR (A) | 26,043 | 4,254,384 |
| Blueprint Medicines Corp. (A) | 15,534 | 854,370 |
| Burning Rock Biotech, Ltd., ADR (A) | 11,762 | 28,229 |
| C4 Therapeutics, Inc. (A) | 15,412 | 111,891 |
| Celldex Therapeutics, Inc. (A) | 17,193 | 404,379 |
| Centessa Pharmaceuticals PLC, ADR (A) | 25,333 | 113,999 |
| Cerevel Therapeutics Holdings, Inc. (A) | 41,392 | 1,081,573 |
| CRISPR Therapeutics AG (A) | 6,268 | 363,857 |
| CureVac NV (A) | 11,788 | 221,614 |
| Cytokinetics, Inc. (A) | 8,863 | 353,634 |
| Day One Biopharmaceuticals, Inc. (A) | 15,730 | 97,841 |
| Denali Therapeutics, Inc. (A) | 32,900 | 799,141 |
| Design Therapeutics, Inc. (A) | 16,545 | 206,482 |
| Enanta Pharmaceuticals, Inc. (A) | 4,355 | 173,895 |
| Entrada Therapeutics, Inc. (A) | 20,271 | 137,032 |
| EQRx, Inc. (A) | 51,224 | 284,805 |
| Exact Sciences Corp. (A) | 32,262 | 1,606,970 |
| Exelixis, Inc. (A) | 68,067 | 1,247,668 |
| Exscientia PLC, ADR (A) | 6,334 | 74,551 |
| Fate Therapeutics, Inc. (A) | 25,915 | 598,637 |
| F-star Therapeutics, Inc. (A) | 18,217 | 55,380 |
| Generation Bio Company (A) | 45,593 | 256,233 |
| Genmab A/S (A) | 6,120 | 1,862,678 |
| Global Blood Therapeutics, Inc. (A) | 5,467 | 136,347 |
| Ideaya Biosciences, Inc. (A) | 11,068 | 123,408 |
| IGM Biosciences, Inc. (A) | 11,067 | 185,704 |
| Imago Biosciences, Inc. (A) | 15,649 | 252,888 |
| Immuneering Corp., Class A (A) | 37,514 | 168,063 |
| Immunocore Holdings PLC, ADR (A) | 7,878 | 223,341 |
| Incyte Corp. (A) | 34,971 | 2,653,949 |
| Insmed, Inc. (A) | 55,901 | 1,052,057 |
| Intellia Therapeutics, Inc. (A) | 9,791 | 451,757 |
| Ionis Pharmaceuticals, Inc. (A) | 36,871 | 1,346,529 |
| Iovance Biotherapeutics, Inc. (A) | 39,305 | 265,309 |
| IVERIC bio, Inc. (A) | 52,945 | 552,746 |
| Karuna Therapeutics, Inc. (A) | 9,629 | 1,004,497 |
| Kodiak Sciences, Inc. (A) | 13,270 | 96,075 |
| Kronos Bio, Inc. (A) | 2,694 | 10,022 |
| Kymera Therapeutics, Inc. (A) | 18,865 | 269,204 |
| Legend Biotech Corp., ADR (A) | 5,402 | 228,451 |
| LianBio, ADR (A) | 36,500 | 104,025 |

Health Sciences Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| Biotechnology (continued) | | |
| Lyell Immunopharma, Inc. (A) | 52,703 | \$ 218,190 |
| MeiraGTx Holdings PLC (A) | 14,764 | 123,870 |
| Mirati Therapeutics, Inc. (A) | 10,303 | 403,465 |
| Moderna, Inc. (A) | 29,884 | 4,343,042 |
| Monte Rosa Therapeutics, Inc. (A) | 35,064 | 271,395 |
| MoonLake Immunotherapeutics (A) | 17,736 | 137,099 |
| Morphic Holding, Inc. (A) | 6,757 | 158,384 |
| Neurocrine Biosciences, Inc. (A) | 8,327 | 778,491 |
| Nurix Therapeutics, Inc. (A) | 19,138 | 193,102 |
| Pardes Biosciences, Inc. (A) | 25,338 | 142,906 |
| Prelude Therapeutics, Inc. (A) | 5,546 | 23,293 |
| Progenics Pharmaceuticals, Inc. (A)(B) | 33,200 | 35,142 |
| Prothena Corp. PLC (A) | 18,438 | 502,067 |
| PTC Therapeutics, Inc. (A) | 8,585 | 252,141 |
| RAPT Therapeutics, Inc. (A) | 20,331 | 299,272 |
| Regeneron Pharmaceuticals, Inc. (A) | 10,600 | 7,046,244 |
| REGENXBIO, Inc. (A) | 7,346 | 154,560 |
| Relay Therapeutics, Inc. (A) | 26,510 | 431,583 |
| Repare Therapeutics, Inc. (A) | 7,018 | 64,425 |
| Replimune Group, Inc. (A) | 29,861 | 433,880 |
| Revolution Healthcare Acquisition Corp. (A) | 46,061 | 450,937 |
| REVOLUTION Medicines, Inc. (A) | 22,663 | 384,818 |
| Rocket Pharmaceuticals, Inc. (A) | 13,966 | 165,497 |
| Sage Therapeutics, Inc. (A) | 16,703 | 522,303 |
| Sana Biotechnology, Inc. (A) | 22,027 | 112,999 |
| Sarepta Therapeutics, Inc. (A) | 11,136 | 810,924 |
| Scholar Rock Holding Corp. (A) | 26,749 | 134,280 |
| Seagen, Inc. (A) | 19,683 | 2,670,589 |
| SpringWorks Therapeutics, Inc. (A) | 3,743 | 70,892 |
| Stoke Therapeutics, Inc. (A) | 11,180 | 135,390 |
| Tenaya Therapeutics, Inc. (A) | 22,221 | 148,881 |
| Turning Point Therapeutics, Inc. (A) | 10,946 | 387,160 |
| Twist Bioscience Corp. (A) | 10,043 | 341,864 |
| Ultragenyx Pharmaceutical, Inc. (A) | 36,414 | 1,707,817 |
| uniQure NV (A) | 9,702 | 139,321 |
| United Therapeutics Corp. (A) | 700 | 161,238 |
| Vertex Pharmaceuticals, Inc. (A) | 29,700 | 7,978,905 |
| Voyager Therapeutics, Inc. (A) | 12,800 | 77,568 |
| Xencor, Inc. (A) | 21,038 | 469,779 |
| Zai Lab, Ltd., ADR (A) | 11,217 | 326,415 |
| Zentalis Pharmaceuticals, Inc. (A) | 16,708 | 402,830 |
| | | 84,512,009 |
| Health care equipment and supplies – 16.6% | | |
| Alcon, Inc. | 21,983 | 1,649,617 |
| Align Technology, Inc. (A) | 1,339 | 371,760 |
| AtriCure, Inc. (A) | 6,002 | 243,861 |
| Becton, Dickinson and Company | 24,920 | 6,374,536 |
| Dexcom, Inc. (A) | 5,930 | 1,766,784 |
| Hologic, Inc. (A) | 69,752 | 5,250,233 |
| Inari Medical, Inc. (A) | 5,662 | 372,560 |
| Insulet Corp. (A) | 8,404 | 1,794,086 |
| Intuitive Surgical, Inc. (A) | 45,633 | 10,387,896 |
| iRhythm Technologies, Inc. (A) | 8,961 | 1,262,157 |
| Lantheus Holdings, Inc. (A) | 15,512 | 1,062,882 |
| Masimo Corp. (A) | 2,412 | 338,717 |
| Nevro Corp. (A) | 5,973 | 260,303 |
| Novocure, Ltd. (A) | 28,934 | 2,325,715 |
| Outset Medical, Inc. (A) | 13,871 | 302,388 |
| Penumbra, Inc. (A) | 11,841 | 1,739,680 |
| PROCEPT BioRobotics Corp. (A) | 22,007 | 860,914 |
| QuidelOrtho Corp. (A) | 16,653 | 1,582,578 |
| Shockwave Medical, Inc. (A) | 19,615 | 3,220,979 |
| STERIS PLC | 5,359 | 1,222,924 |
| Stryker Corp. | 34,442 | 8,076,649 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Health Sciences Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Health care equipment and supplies (continued) | | |
| Teleflex, Inc. | 7,170 | \$ 2,063,096 |
| The Cooper Companies, Inc. | 4,967 | 1,742,126 |
| Zimmer Biomet Holdings, Inc. | 11,062 | 1,329,763 |
| | | 55,602,204 |
| Health care providers and services – 20.1% | | |
| Agility, Inc. (A) | 22,365 | 432,092 |
| agilon health, Inc. (A) | 14,450 | 275,995 |
| Alignment Healthcare, Inc. (A) | 29,904 | 319,375 |
| Anthem, Inc. | 17,867 | 9,105,202 |
| Centene Corp. (A) | 92,660 | 7,546,230 |
| Cigna Corp. | 16,849 | 4,520,418 |
| Guardant Health, Inc. (A) | 16,308 | 668,302 |
| HCA Healthcare, Inc. | 14,587 | 3,069,105 |
| Humana, Inc. | 16,360 | 7,431,203 |
| Molina Healthcare, Inc. (A) | 14,752 | 4,281,325 |
| Oak Street Health, Inc. (A) | 13,337 | 251,803 |
| Option Care Health, Inc. (A) | 22,319 | 677,605 |
| Surgery Partners, Inc. (A) | 18,189 | 713,009 |
| UnitedHealth Group, Inc. | 56,016 | 27,827,619 |
| | | 67,119,283 |
| Health care technology – 1.8% | | |
| Certara, Inc. (A) | 22,003 | 447,101 |
| Doximity, Inc., Class A (A) | 38,779 | 1,356,877 |
| M3, Inc. | 9,000 | 258,849 |
| Phreesia, Inc. (A) | 26,006 | 471,749 |
| Schrodinger, Inc. (A) | 6,356 | 164,239 |
| Sema4 Holdings Corp. (A) | 32,652 | 66,610 |
| Sophia Genetics SA (A) | 31,768 | 133,426 |
| Veeva Systems, Inc., Class A (A) | 17,983 | 3,061,786 |
| | | 5,960,637 |
| Life sciences tools and services – 17.7% | | |
| 10X Genomics, Inc., Class A (A) | 12,593 | 644,636 |
| Adaptive Biotechnologies Corp. (A) | 23,474 | 183,567 |
| Agilent Technologies, Inc. | 48,895 | 6,237,046 |
| Avantor, Inc. (A) | 95,542 | 3,061,166 |
| Bio-Techne Corp. | 2,194 | 811,188 |
| Bruker Corp. | 43,591 | 2,723,566 |
| Charles River Laboratories International, Inc. (A) | 5,480 | 1,282,758 |
| Danaher Corp. | 51,119 | 13,486,215 |
| Evotec SE (A) | 17,824 | 495,029 |
| Illumina, Inc. (A) | 2,982 | 714,129 |
| Lonza Group AG | 1,714 | 1,033,380 |
| Maravai LifeSciences Holdings, Inc., Class A (A) | 20,778 | 647,235 |
| Mettler-Toledo International, Inc. (A) | 1,000 | 1,286,120 |
| Olink Holding AB, ADR (A) | 49,729 | 584,813 |
| Pacific Biosciences of California, Inc. (A) | 56,343 | 317,211 |
| Quanterix Corp. (A) | 14,130 | 238,232 |
| Rapid Micro Biosystems, Inc., Class A (A) | 18,669 | 93,532 |
| Repligen Corp. (A) | 4,044 | 665,117 |
| Seer, Inc. (A) | 44,700 | 396,936 |
| SomaLogic, Inc. (A) | 78,435 | 470,610 |
| Thermo Fisher Scientific, Inc. | 32,714 | 18,567,485 |
| Waters Corp. (A) | 3,165 | 1,037,962 |
| West Pharmaceutical Services, Inc. | 12,244 | 3,800,293 |
| Wuxi Biologics Cayman, Inc. (A)(C) | 68,000 | 502,833 |
| | | 59,281,059 |
| Pharmaceuticals – 16.2% | | |
| Arvinas, Inc. (A) | 13,183 | 549,599 |
| AstraZeneca PLC, ADR | 168,858 | 11,225,680 |
| Atea Pharmaceuticals, Inc. (A) | 14,959 | 117,877 |
| Bayer AG | 7,087 | 507,061 |
| Catalent, Inc. (A) | 21,841 | 2,250,933 |

Health Sciences Fund (continued)

| | Shares or Principal Amount | Value |
|--|--|-----------------------|
| COMMON STOCKS (continued) | | |
| Pharmaceuticals (continued) | | |
| CinCor Pharma, Inc. (A) | 12,021 | \$ 187,047 |
| Daiichi Sankyo Company, Ltd. | 93,200 | 2,471,667 |
| DICE Therapeutics, Inc. (A) | 18,534 | 254,843 |
| Elanco Animal Health, Inc. (A) | 21,555 | 510,854 |
| Eli Lilly & Company | 44,573 | 13,970,961 |
| Longboard Pharmaceuticals, Inc. (A) | 9,431 | 46,778 |
| Merck & Company, Inc. | 87,567 | 8,058,791 |
| Novo Nordisk A/S, B Shares | 7,307 | 811,446 |
| Pfizer, Inc. | 156,464 | 8,298,851 |
| Relmada Therapeutics, Inc. (A) | 2,900 | 54,491 |
| Roche Holding AG | 5,471 | 1,864,467 |
| Royalty Pharma PLC, Class A | 36,152 | 1,487,293 |
| Theseus Pharmaceuticals, Inc. (A) | 25,222 | 170,249 |
| Tricida, Inc. (A) | 3,267 | 27,247 |
| Zoetis, Inc. | 6,429 | 1,098,909 |
| | | 53,965,044 |
| | | 326,440,236 |
| Industrials – 0.3% | | |
| Industrial conglomerates – 0.3% | | |
| General Electric Company | 14,272 | 1,117,355 |
| Information technology – 0.1% | | |
| Electronic equipment, instruments and components – 0.1% | | |
| Shimadzu Corp. | 8,200 | 299,112 |
| Materials – 0.1% | | |
| Chemicals – 0.1% | | |
| Ginkgo Bioworks Holdings, Inc. (A) | 91,101 | 280,591 |
| TOTAL COMMON STOCKS (Cost \$257,071,011) | | \$ 329,632,280 |
| PREFERRED SECURITIES – 0.6% | | |
| Health care – 0.6% | | |
| Health care equipment and supplies – 0.6% | | |
| Sartorius AG | 4,477 | 1,810,125 |
| TOTAL PREFERRED SECURITIES (Cost \$735,633) | | \$ 1,810,125 |
| WARRANTS – 0.0% | | |
| EQRx, Inc. (Expiration Date: 12-20-26; Strike Price: \$11.50) (A) | | |
| | 6,524 | 6,654 |
| Sema4 Holdings Corp. (Expiration Date: 9-24-27; Strike Price: \$11.50) (A) | | |
| | 7,150 | 2,438 |
| SomaLogic, Inc. (Expiration Date: 8-31-26; Strike Price: \$11.50) (A) | | |
| | 2,900 | 2,726 |
| TOTAL WARRANTS (Cost \$42,435) | | \$ 11,818 |
| SHORT-TERM INVESTMENTS – 0.4% | | |
| Short-term funds – 0.4% | | |
| State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (D) | | |
| | 772,378 | 772,378 |
| T. Rowe Price Government Reserve Fund, 0.6654% (D) | | |
| | 690,267 | 690,267 |
| TOTAL SHORT-TERM INVESTMENTS (Cost \$1,462,645) | | \$ 1,462,645 |
| Total Investments (Health Sciences Fund) (Cost \$259,311,724) – 99.6% | | \$ 332,916,868 |
| Other assets and liabilities, net – 0.4% | | 1,284,172 |
| TOTAL NET ASSETS – 100.0% | | \$ 334,201,040 |
| Security Abbreviations and Legend | | |
| ADR | American Depositary Receipt | |
| (A) | Non-income producing security. | |
| (B) | Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy. | |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Health Sciences Fund (continued)

(C) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.

(D) The rate shown is the annualized seven-day yield as of 5-31-22.

High Yield Fund

| | | Shares or Principal Amount | Value |
|--|-----|----------------------------------|--------------|
| FOREIGN GOVERNMENT OBLIGATIONS – 0.7% | | | |
| Argentina – 0.3% | | | |
| Provincia de Buenos Aires (3.900% to 9-1-22, then 5.250% to 9-1-23, then 6.375% to 9-1-24, then 6.625% thereafter), 09/01/2037 (A) | \$ | 968,484 | \$ 368,024 |
| Republic of Argentina 1.000%, 07/09/2029 (0.500% to 7-9-23, then 0.750% to 7-9-27, then 1.750% thereafter), 07/09/2030 | | 54,775 | 16,170 |
| (1.125% to 7-9-22, then 1.500% to 7-9-23, then 3.625% to 7-9-24, then 4.125% to 7-9-27, then 4.750% to 7-9-28, then 5.000% thereafter), 07/09/2035 | | 716,203 | 209,131 |
| | | 476,895 | 129,458 |
| | | | 722,783 |
| Brazil – 0.4% | | | |
| Federative Republic of Brazil 10.000%, 01/01/2023 to 01/01/2027 | BRL | 4,175,000 | 890,461 |
| Indonesia – 0.0% | | | |
| Republic of Indonesia 8.375%, 03/15/2034 | IDR | 543,000,000 | 39,529 |
| TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$2,448,250) | | | \$ 1,652,773 |
| CORPORATE BONDS – 82.5% | | | |
| Communication services – 12.1% | | | |
| Accelerate360 Holdings LLC 8.000%, 03/01/2028 (A) | \$ | 873,000 | 925,380 |
| Allen Media LLC 10.500%, 02/15/2028 (A) | | 1,860,000 | 1,282,842 |
| Altice Financing SA 5.750%, 08/15/2029 (A) | | 1,050,000 | 939,750 |
| Altice France Holding SA 10.500%, 05/15/2027 (A) | | 770,000 | 756,702 |
| Altice France SA 5.125%, 07/15/2029 (A) | | 630,000 | 549,911 |
| AMC Entertainment Holdings, Inc. 10.000%, 06/15/2026 (A) | | 1,340,000 | 1,026,775 |
| CCO Holdings LLC 4.250%, 01/15/2034 (A) | | 1,440,000 | 1,192,846 |
| 4.500%, 05/01/2032 | | 1,740,000 | 1,530,852 |
| 4.750%, 02/01/2032 (A) | | 710,000 | 631,900 |
| Clear Channel Outdoor Holdings, Inc. 7.500%, 06/01/2029 (A) | | 930,000 | 751,728 |
| CSC Holdings LLC 4.500%, 11/15/2031 (A) | | 330,000 | 282,975 |
| 5.000%, 11/15/2031 (A) | | 430,000 | 339,034 |
| 5.750%, 01/15/2030 (A) | | 410,000 | 342,662 |
| 6.500%, 02/01/2029 (A) | | 900,000 | 886,212 |
| DIRECTV Holdings LLC 5.875%, 08/15/2027 (A) | | 800,000 | 754,400 |
| DISH DBS Corp. 5.125%, 06/01/2029 | | 1,020,000 | 719,875 |
| 5.750%, 12/01/2028 (A) | | 1,210,000 | 987,638 |
| 7.750%, 07/01/2026 | | 1,900,000 | 1,624,500 |

High Yield Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| CORPORATE BONDS (continued) | | |
| Communication services (continued) | | |
| Frontier Communications Holdings LLC 5.000%, 05/01/2028 (A) | \$ 300,000 | \$ 279,074 |
| 6.750%, 05/01/2029 (A) | 370,000 | 326,103 |
| Gannett Holdings LLC 6.000%, 11/01/2026 (A) | 860,000 | 780,450 |
| iHeartCommunications, Inc. 4.750%, 01/15/2028 (A) | 30,000 | 27,034 |
| 5.250%, 08/15/2027 (A) | 780,000 | 733,457 |
| Match Group Holdings II LLC 3.625%, 10/01/2031 (A) | 660,000 | 560,802 |
| 4.625%, 06/01/2028 (A) | 510,000 | 475,050 |
| News Corp. 3.875%, 05/15/2029 (A) | 400,000 | 370,016 |
| Playtika Holding Corp. 4.250%, 03/15/2029 (A) | 700,000 | 613,025 |
| Sprint Capital Corp. 8.750%, 03/15/2032 | 1,050,000 | 1,363,955 |
| Switch, Ltd. 4.125%, 06/15/2029 (A) | 350,000 | 352,737 |
| Time Warner Cable LLC 7.300%, 07/01/2038 | 400,000 | 443,124 |
| T-Mobile USA, Inc. 3.500%, 04/15/2031 | 190,000 | 173,429 |
| 3.500%, 04/15/2031 (A) | 600,000 | 547,671 |
| Univision Communications, Inc. 9.500%, 05/01/2025 (A) | 350,000 | 364,181 |
| UPC Holding BV 5.500%, 01/15/2028 (A) | 400,000 | 378,000 |
| Urban One, Inc. 7.375%, 02/01/2028 (A) | 660,000 | 623,099 |
| Viavi Solutions, Inc. 3.750%, 10/01/2029 (A) | 370,000 | 333,488 |
| Virgin Media Secured Finance PLC 5.500%, 05/15/2029 (A) | 800,000 | 786,632 |
| Virgin Media Vendor Financing Notes IV DAC 5.000%, 07/15/2028 (A) | 510,000 | 467,091 |
| Vmed O2 UK Financing I PLC 4.750%, 07/15/2031 (A) | 700,000 | 633,500 |
| ZipRecruiter, Inc. 5.000%, 01/15/2030 (A) | 430,000 | 405,490 |
| ZoomInfo Technologies LLC 3.875%, 02/01/2029 (A) | 800,000 | 698,000 |
| | | 27,261,390 |
| Consumer discretionary – 17.1% | | |
| Academy, Ltd. 6.000%, 11/15/2027 (A) | 650,000 | 601,250 |
| Adtalem Global Education, Inc. 5.500%, 03/01/2028 (A) | 709,000 | 657,619 |
| American Axle & Manufacturing, Inc. 5.000%, 10/01/2029 (B) | 1,000,000 | 888,490 |
| American News Company LLC (8.500% Cash or 10.000% PIK) 8.500%, 09/01/2026 (A) | 651,892 | 726,860 |
| Bath & Body Works, Inc. 5.250%, 02/01/2028 | 850,000 | 811,750 |
| 6.625%, 10/01/2030 (A) | 340,000 | 339,393 |
| 9.375%, 07/01/2025 (A) | 370,000 | 399,117 |
| Bed Bath & Beyond, Inc. 5.165%, 08/01/2044 | 950,000 | 422,750 |
| Boyne USA, Inc. 4.750%, 05/15/2029 (A) | 680,000 | 632,400 |
| Caesars Entertainment, Inc. 4.625%, 10/15/2029 (A) | 560,000 | 477,792 |
| 6.250%, 07/01/2025 (A) | 500,000 | 506,500 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| CORPORATE BONDS (continued) | | |
| Consumer discretionary (continued) | | |
| Carnival Corp. | | |
| 5.750%, 03/01/2027 (A) | \$ 920,000 | \$ 816,201 |
| 6.000%, 05/01/2029 (A) | 620,000 | 523,900 |
| 10.500%, 06/01/2030 (A) | 590,000 | 600,325 |
| Carriage Purchaser, Inc. | | |
| 7.875%, 10/15/2029 (A) | 980,000 | 779,345 |
| Carriage Services, Inc. | | |
| 4.250%, 05/15/2029 (A) | 920,000 | 777,400 |
| Carrolls Restaurant Group, Inc. | | |
| 5.875%, 07/01/2029 (A) | 470,000 | 353,224 |
| Dornoch Debt Merger Sub, Inc. | | |
| 6.625%, 10/15/2029 (A) | 550,000 | 438,625 |
| Empire Communities Corp. | | |
| 7.000%, 12/15/2025 (A) | 900,000 | 806,625 |
| Fertitta Entertainment LLC | | |
| 4.625%, 01/15/2029 (A) | 860,000 | 782,600 |
| 6.750%, 01/15/2030 (A) | 330,000 | 285,978 |
| Fontainebleau Las Vegas Holdings LLC | | |
| 10.250%, 06/15/2015 (A)(C) | 2,983,778 | 298 |
| Foot Locker, Inc. | | |
| 4.000%, 10/01/2029 (A) | 800,000 | 658,488 |
| Ford Motor Company | | |
| 3.250%, 02/12/2032 | 530,000 | 448,036 |
| 9.000%, 04/22/2025 | 660,000 | 739,632 |
| Ford Motor Credit Company LLC | | |
| 4.000%, 11/13/2030 | 2,030,000 | 1,827,000 |
| 4.950%, 05/28/2027 | 430,000 | 427,971 |
| 5.113%, 05/03/2029 | 1,160,000 | 1,130,559 |
| Full House Resorts, Inc. | | |
| 8.250%, 02/15/2028 (A) | 1,410,000 | 1,276,050 |
| Marston's Issuer PLC (SONIA + 2.669%) | | |
| 3.490%, 07/16/2035 (D) | GBP 380,000 | 372,556 |
| Melco Resorts Finance, Ltd. | | |
| 5.375%, 12/04/2029 (A) | \$ 650,000 | 471,721 |
| NCL Corp., Ltd. | | |
| 5.875%, 03/15/2026 to 02/15/2027 (A) | 3,040,000 | 2,790,159 |
| 7.750%, 02/15/2029 (A) | 800,000 | 718,000 |
| NMG Holding Company, Inc. | | |
| 7.125%, 04/01/2026 (A) | 680,000 | 674,281 |
| Nordstrom, Inc. | | |
| 5.000%, 01/15/2044 | 940,000 | 752,000 |
| Party City Holdings, Inc. | | |
| 8.750%, 02/15/2026 (A) | 740,000 | 560,550 |
| PetSmart, Inc. | | |
| 7.750%, 02/15/2029 (A) | 250,000 | 235,253 |
| Rent-A-Center, Inc. | | |
| 6.375%, 02/15/2029 (A)(B) | 680,000 | 595,891 |
| Royal Caribbean Cruises, Ltd. | | |
| 5.500%, 08/31/2026 (A) | 840,000 | 737,100 |
| Sands China, Ltd. | | |
| 5.400%, 08/08/2028 | 200,000 | 176,292 |
| Sizzling Platter LLC | | |
| 8.500%, 11/28/2025 (A) | 460,000 | 377,067 |
| Speedway Motorsports LLC | | |
| 4.875%, 11/01/2027 (A) | 590,000 | 559,084 |
| StoneMor, Inc. | | |
| 8.500%, 05/15/2029 (A) | 1,060,000 | 1,014,950 |
| Sugarhouse HSP Gaming Prop Mezz LP | | |
| 5.875%, 05/15/2025 (A) | 380,000 | 363,850 |
| The Michaels Companies, Inc. | | |
| 5.250%, 05/01/2028 (A) | 440,000 | 361,900 |
| 7.875%, 05/01/2029 (A) | 800,000 | 573,272 |
| TopBuild Corp. | | |
| 3.625%, 03/15/2029 (A) | 680,000 | 602,393 |

High Yield Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-------------------|
| CORPORATE BONDS (continued) | | |
| Consumer discretionary (continued) | | |
| Viking Cruises, Ltd. | | |
| 5.875%, 09/15/2027 (A) | \$ 570,000 | \$ 483,500 |
| 7.000%, 02/15/2029 (A) | 2,530,000 | 2,151,499 |
| 13.000%, 05/15/2025 (A) | 1,000,000 | 1,090,000 |
| VOC Escrow, Ltd. | | |
| 5.000%, 02/15/2028 (A) | 990,000 | 878,625 |
| WW International, Inc. | | |
| 4.500%, 04/15/2029 (A) | 1,000,000 | 707,500 |
| Wynn Macau, Ltd. | | |
| 5.125%, 12/15/2029 (A) | 300,000 | 225,000 |
| 5.625%, 08/26/2028 (A) | 1,690,000 | 1,261,998 |
| Wynn Resorts Finance LLC | | |
| 7.750%, 04/15/2025 (A) | 450,000 | 458,213 |
| | | <u>38,328,832</u> |
| Consumer staples – 0.8% | | |
| Darling Ingredients, Inc. | | |
| 6.000%, 06/15/2030 (A) | 350,000 | 353,375 |
| Simmons Foods, Inc. | | |
| 4.625%, 03/01/2029 (A) | 820,000 | 737,492 |
| Triton Water Holdings, Inc. | | |
| 6.250%, 04/01/2029 (A) | 820,000 | 640,904 |
| | | <u>1,731,771</u> |
| Energy – 12.0% | | |
| Antero Resources Corp. | | |
| 5.375%, 03/01/2030 (A) | 580,000 | 588,253 |
| Apache Corp. | | |
| 7.750%, 12/15/2029 | 320,000 | 356,800 |
| Berry Petroleum Company LLC | | |
| 7.000%, 02/15/2026 (A) | 1,790,000 | 1,732,235 |
| Blue Racer Midstream LLC | | |
| 6.625%, 07/15/2026 (A) | 1,100,000 | 1,080,750 |
| Cheniere Energy Partners LP | | |
| 4.000%, 03/01/2031 | 650,000 | 600,438 |
| Chesapeake Energy Corp. | | |
| 5.500%, 02/01/2026 (A) | 90,000 | 91,356 |
| CNX Midstream Partners LP | | |
| 4.750%, 04/15/2030 (A) | 990,000 | 882,811 |
| Colgate Energy Partners III LLC | | |
| 5.875%, 07/01/2029 (A) | 1,500,000 | 1,444,418 |
| Comstock Resources, Inc. | | |
| 5.875%, 01/15/2030 (A) | 500,000 | 477,130 |
| DCP Midstream Operating LP | | |
| 6.450%, 11/03/2036 (A) | 310,000 | 323,950 |
| 6.750%, 09/15/2037 (A) | 750,000 | 821,854 |
| Earthstone Energy Holdings LLC | | |
| 8.000%, 04/15/2027 (A) | 330,000 | 335,389 |
| Endeavor Energy Resources LP | | |
| 5.750%, 01/30/2028 (A) | 50,000 | 50,992 |
| 6.625%, 07/15/2025 (A) | 550,000 | 568,651 |
| Energy Transfer LP (6.500% to 11-15-26, then 5 Year CMT + 5.694%) | | |
| 11/15/2026 (E) | 230,000 | 214,735 |
| EQM Midstream Partners LP | | |
| 4.750%, 01/15/2031 (A) | 240,000 | 208,200 |
| 5.500%, 07/15/2028 | 620,000 | 589,019 |
| 6.500%, 07/01/2027 (A) | 490,000 | 490,000 |
| 6.500%, 07/15/2048 | 670,000 | 571,175 |
| 7.500%, 06/01/2030 (A) | 360,000 | 362,932 |
| Hilcorp Energy I LP | | |
| 6.250%, 04/15/2032 (A) | 670,000 | 653,143 |
| Howard Midstream Energy Partners LLC | | |
| 6.750%, 01/15/2027 (A) | 810,000 | 777,136 |
| MEG Energy Corp. | | |
| 5.875%, 02/01/2029 (A) | 350,000 | 349,167 |
| 7.125%, 02/01/2027 (A) | 1,050,000 | 1,098,930 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| CORPORATE BONDS (continued) | | |
| Energy (continued) | | |
| Neptune Energy Bondco PLC 6.625%, 05/15/2025 (A) | \$ 340,000 | \$ 337,209 |
| Northern Oil and Gas, Inc. 8.125%, 03/01/2028 (A) | 1,140,000 | 1,165,650 |
| Oasis Petroleum, Inc. 6.375%, 06/01/2026 (A) | 900,000 | 904,500 |
| Occidental Petroleum Corp. 4.100%, 02/15/2047 | 160,000 | 137,989 |
| 4.400%, 04/15/2046 | 240,000 | 216,000 |
| 6.600%, 03/15/2046 | 520,000 | 587,600 |
| 8.875%, 07/15/2030 | 900,000 | 1,124,100 |
| Penn Virginia Holdings LLC 9.250%, 08/15/2026 (A) | 1,730,000 | 1,751,106 |
| Petrobras Global Finance BV 5.750%, 02/01/2029 | 40,000 | 40,515 |
| 6.850%, 06/05/2115 | 580,000 | 510,664 |
| Range Resources Corp. 4.750%, 02/15/2030 (A) | 600,000 | 586,833 |
| 8.250%, 01/15/2029 | 800,000 | 866,180 |
| Southwestern Energy Company 4.750%, 02/01/2032 | 640,000 | 625,466 |
| Summit Midstream Holdings LLC 8.500%, 10/15/2026 (A) | 430,000 | 413,088 |
| Tallgrass Energy Partners LP 6.000%, 12/31/2030 (A) | 1,000,000 | 900,550 |
| Venture Global Calcasieu Pass LLC 3.875%, 11/01/2033 (A) | 720,000 | 653,400 |
| Western Midstream Operating LP 5.500%, 08/15/2048 | 810,000 | 745,200 |
| 5.750%, 02/01/2050 | 720,000 | 639,818 |
| | | 26,875,332 |
| Financials – 9.3% | | |
| Acuris Finance U.S., Inc. 5.000%, 05/01/2028 (A) | 350,000 | 303,188 |
| AFC Gamma, Inc. 5.750%, 05/01/2027 (A) | 720,000 | 688,007 |
| Apollo Commercial Real Estate Finance, Inc. 4.625%, 06/15/2029 (A) | 700,000 | 593,250 |
| Barclays PLC (8.000% to 6-15-24, then 5 Year CMT + 5.672%) 06/15/2024 (E) | 400,000 | 415,161 |
| BNP Paribas SA (7.375% to 8-19-25, then 5 Year U.S. Swap Rate + 5.150%) 08/19/2025 (A)(E) | 820,000 | 851,640 |
| Burford Capital Global Finance LLC 6.250%, 04/15/2028 (A) | 930,000 | 871,321 |
| 6.875%, 04/15/2030 (A) | 630,000 | 589,743 |
| Coinbase Global, Inc. 3.625%, 10/01/2031 (A) | 720,000 | 486,000 |
| Credit Agricole SA (8.125% to 12-23-25, then 5 Year U.S. Swap Rate + 6.185%) 12/23/2025 (A)(E) | 400,000 | 430,321 |
| Credit Suisse Group AG (6.375% to 8-21-26, then 5 Year CMT + 4.822%) 08/21/2026 (A)(E) | 1,350,000 | 1,246,260 |
| FirstCash, Inc. 4.625%, 09/01/2028 (A) | 930,000 | 844,161 |
| 5.625%, 01/01/2030 (A) | 320,000 | 305,106 |
| Global Aircraft Leasing Company, Ltd. (6.500% Cash or 7.250% PIK) 6.500%, 09/15/2024 (A) | 2,620,219 | 2,115,401 |
| Highlands Holdings Bond Issuer, Ltd. (7.625% Cash or 8.375% PIK) 7.625%, 10/15/2025 (A) | 1,177,637 | 1,171,749 |

High Yield Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| CORPORATE BONDS (continued) | | |
| Financials (continued) | | |
| Intesa Sanpaolo SpA (4.198% to 6-1-31, then 1 Year CMT + 2.600%) 06/01/2032 (A) | \$ 640,000 | \$ 524,212 |
| Jane Street Group 4.500%, 11/15/2029 (A) | 440,000 | 411,400 |
| Ladder Capital Finance Holdings LLLP 4.250%, 02/01/2027 (A) | 530,000 | 477,904 |
| 4.750%, 06/15/2029 (A) | 490,000 | 441,000 |
| LD Holdings Group LLC 6.125%, 04/01/2028 (A) | 820,000 | 658,050 |
| 6.500%, 11/01/2025 (A) | 760,000 | 634,600 |
| Lloyds Banking Group PLC (6.750% to 6-27-26, then 5 Year CMT + 4.815%) 06/27/2026 (E) | 610,000 | 611,471 |
| Midcap Financial Issuer Trust 5.625%, 01/15/2030 (A) | 450,000 | 351,000 |
| 6.500%, 05/01/2028 (A) | 590,000 | 502,811 |
| NMI Holdings, Inc. 7.375%, 06/01/2025 (A) | 800,000 | 838,200 |
| Rocket Mortgage LLC 3.875%, 03/01/2031 (A) | 860,000 | 723,957 |
| 4.000%, 10/15/2033 (A) | 890,000 | 729,800 |
| Ryan Specialty Group LLC 4.375%, 02/01/2030 (A) | 670,000 | 603,056 |
| StoneX Group, Inc. 8.625%, 06/15/2025 (A) | 640,000 | 659,859 |
| UBS Group AG (7.000% to 1-31-24, then 5 Year U.S. Swap Rate + 4.344%) 01/31/2024 (A)(E) | 1,170,000 | 1,193,324 |
| UniCredit SpA (5.459% to 6-30-30, then 5 Year CMT + 4.750%) 06/30/2035 (A) | 790,000 | 708,764 |
| | | 20,980,716 |
| Health care – 6.9% | | |
| AdaptHealth LLC 4.625%, 08/01/2029 (A) | 650,000 | 557,708 |
| 5.125%, 03/01/2030 (A) | 960,000 | 834,666 |
| Akumin, Inc. 7.000%, 11/01/2025 (A) | 1,000,000 | 816,310 |
| Bausch Health Companies, Inc. 5.250%, 01/30/2030 (A) | 200,000 | 117,000 |
| 6.125%, 02/01/2027 (A) | 460,000 | 419,663 |
| 6.250%, 02/15/2029 (A) | 2,081,000 | 1,293,321 |
| Cano Health LLC 6.250%, 10/01/2028 (A) | 570,000 | 506,282 |
| Community Health Systems, Inc. 6.125%, 04/01/2030 (A) | 500,000 | 364,150 |
| 6.875%, 04/15/2029 (A) | 1,240,000 | 968,812 |
| HCA, Inc. 5.625%, 09/01/2028 | 1,250,000 | 1,310,938 |
| Minerva Merger Sub, Inc. 6.500%, 02/15/2030 (A) | 1,160,000 | 1,064,300 |
| Mozart Debt Merger Sub, Inc. 3.875%, 04/01/2029 (A) | 510,000 | 460,275 |
| 5.250%, 10/01/2029 (A) | 740,000 | 655,055 |
| Par Pharmaceutical, Inc. 7.500%, 04/01/2027 (A) | 1,870,000 | 1,463,275 |
| Radiology Partners, Inc. 9.250%, 02/01/2028 (A) | 700,000 | 571,568 |
| RegionalCare Hospital Partners Holdings, Inc. 9.750%, 12/01/2026 (A) | 600,000 | 609,750 |
| Tenet Healthcare Corp. 4.625%, 06/15/2028 (A) | 700,000 | 673,544 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| CORPORATE BONDS (continued) | | |
| Health care (continued) | | |
| Teva Pharmaceutical Finance Company LLC 6.150%, 02/01/2036 | \$ 400,000 | \$ 369,268 |
| Teva Pharmaceutical Finance Netherlands III BV 5.125%, 05/09/2029 | 1,600,000 | 1,466,496 |
| U.S. Renal Care, Inc. 10.625%, 07/15/2027 (A) | 1,230,000 | 899,278 |
| | | 15,421,659 |
| Industrials – 11.5% | | |
| Air Canada 3.875%, 08/15/2026 (A) | 580,000 | 540,589 |
| Allied Universal Holdco LLC 4.625%, 06/01/2028 (A) | 800,000 | 708,374 |
| 6.000%, 06/01/2029 (A) | 610,000 | 493,551 |
| 6.625%, 07/15/2026 (A) | 500,000 | 495,529 |
| Alta Equipment Group, Inc. 5.625%, 04/15/2026 (A) | 950,000 | 855,000 |
| American Airlines, Inc. 5.500%, 04/20/2026 (A) | 200,000 | 197,822 |
| 5.750%, 04/20/2029 (A) | 1,040,000 | 1,004,900 |
| Anagram International, Inc. (0.000% Cash and 10.000% PIK) 10.000%, 08/15/2026 (A) | 87,131 | 89,745 |
| ATS Automation Tooling Systems, Inc. 4.125%, 12/15/2028 (A) | 460,000 | 410,688 |
| Brundage-Bone Concrete Pumping Holdings, Inc. 6.000%, 02/01/2026 (A) | 680,000 | 582,185 |
| CoreCivic, Inc. 8.250%, 04/15/2026 | 1,550,000 | 1,595,384 |
| Covanta Holding Corp. 4.875%, 12/01/2029 (A) | 670,000 | 589,402 |
| Delta Air Lines, Inc. 4.750%, 10/20/2028 (A) | 660,000 | 659,110 |
| Doman Building Materials Group, Ltd. 5.250%, 05/15/2026 (A) | CAD 770,000 | 555,123 |
| Foundation Building Materials, Inc. 6.000%, 03/01/2029 (A) | \$ 690,000 | 562,350 |
| H&E Equipment Services, Inc. 3.875%, 12/15/2028 (A) | 800,000 | 697,920 |
| Hawaiian Brand Intellectual Property, Ltd. 5.750%, 01/20/2026 (A) | 600,000 | 595,953 |
| Legends Hospitality Holding Company LLC 5.000%, 02/01/2026 (A) | 1,000,000 | 935,365 |
| Madison IAQ LLC 5.875%, 06/30/2029 (A) | 1,000,000 | 782,500 |
| Mileage Plus Holdings LLC 6.500%, 06/20/2027 (A) | 550,000 | 558,305 |
| MIWD Holdco II LLC 5.500%, 02/01/2030 (A) | 1,120,000 | 952,126 |
| Park-Ohio Industries, Inc. 6.625%, 04/15/2027 | 360,000 | 297,083 |
| PGT Innovations, Inc. 4.375%, 10/01/2029 (A) | 470,000 | 420,392 |
| PM General Purchaser LLC 9.500%, 10/01/2028 (A) | 710,000 | 596,219 |
| Prime Security Services Borrower LLC 6.250%, 01/15/2028 (A) | 1,180,000 | 1,086,544 |
| Resideo Funding, Inc. 4.000%, 09/01/2029 (A) | 700,000 | 593,250 |
| Roller Bearing Company of America, Inc. 4.375%, 10/15/2029 (A) | 980,000 | 870,985 |

High Yield Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| CORPORATE BONDS (continued) | | |
| Industrials (continued) | | |
| Spirit Loyalty Cayman, Ltd. 8.000%, 09/20/2025 (A) | \$ 342,000 | \$ 358,040 |
| SRM Escrow Issuer LLC 6.000%, 11/01/2028 (A) | 1,000,000 | 933,640 |
| The ADT Security Corp. 4.125%, 08/01/2029 (A) | 340,000 | 302,566 |
| Titan International, Inc. 7.000%, 04/30/2028 | 520,000 | 508,981 |
| TransDigm, Inc. 4.625%, 01/15/2029 | 720,000 | 645,530 |
| United Airlines 2020-1 Class B Pass Through Trust 4.875%, 01/15/2026 | 257,300 | 248,295 |
| United Airlines, Inc. 4.375%, 04/15/2026 (A) | 140,000 | 135,106 |
| 4.625%, 04/15/2029 (A) | 1,400,000 | 1,313,480 |
| United Rentals North America, Inc. 3.875%, 02/15/2031 | 180,000 | 163,463 |
| 5.250%, 01/15/2030 | 1,260,000 | 1,261,121 |
| Vertiv Group Corp. 4.125%, 11/15/2028 (A) | 1,010,000 | 897,895 |
| VistaJet Malta Finance PLC 6.375%, 02/01/2030 (A) | 880,000 | 748,000 |
| XPO CNW, Inc. 6.700%, 05/01/2034 | 740,000 | 706,043 |
| | | 25,948,554 |
| Information technology – 3.3% | | |
| Bread Financial Holdings, Inc. 4.750%, 12/15/2024 (A) | 600,000 | 568,176 |
| CA Magnum Holdings 5.375%, 10/31/2026 (A) | 430,000 | 396,675 |
| Clarivate Science Holdings Corp. 4.875%, 07/01/2029 (A) | 470,000 | 420,885 |
| CommScope, Inc. 4.750%, 09/01/2029 (A) | 710,000 | 628,567 |
| 8.250%, 03/01/2027 (A) | 1,800,000 | 1,583,550 |
| Elastic NV 4.125%, 07/15/2029 (A) | 750,000 | 656,360 |
| Helios Software Holdings, Inc. 4.625%, 05/01/2028 (A) | 830,000 | 718,963 |
| Paysafe Finance PLC 4.000%, 06/15/2029 (A) | 1,010,000 | 787,800 |
| Rackspace Technology Global, Inc. 3.500%, 02/15/2028 (A) | 900,000 | 785,129 |
| Vericast Corp. 11.000%, 09/15/2026 (A) | 860,000 | 857,850 |
| | | 7,403,955 |
| Materials – 4.8% | | |
| ARD Finance SA (6.500% Cash or 7.250% PIK) 6.500%, 06/30/2027 (A) | 500,000 | 392,500 |
| Ardagh Metal Packaging Finance USA LLC 4.000%, 09/01/2029 (A) | 1,000,000 | 866,505 |
| Ardagh Packaging Finance PLC 5.250%, 08/15/2027 (A) | 720,000 | 601,200 |
| Canpack SA 3.875%, 11/15/2029 (A) | 410,000 | 359,611 |
| Cascades, Inc. 5.375%, 01/15/2028 (A) | 800,000 | 745,232 |
| First Quantum Minerals, Ltd. 6.875%, 03/01/2026 to 10/15/2027 (A) | 2,540,000 | 2,537,993 |
| 7.500%, 04/01/2025 (A) | 246,000 | 247,923 |
| Freeport-McMoRan, Inc. 5.450%, 03/15/2043 | 2,290,000 | 2,252,513 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|----------------|
| CORPORATE BONDS (continued) | | |
| Materials (continued) | | |
| Hudbay Minerals, Inc. 4.500%, 04/01/2026 (A) | \$ 250,000 | \$ 222,160 |
| 6.125%, 04/01/2029 (A) | 870,000 | 779,642 |
| LSF11 A5 HoldCo LLC 6.625%, 10/15/2029 (A) | 700,000 | 598,500 |
| Midwest Vanadium Proprietary, Ltd. 13.250%, 02/15/2018 (A)(C) | 1,951,648 | 3,064 |
| Northwest Acquisitions ULC 7.125%, 11/01/2022 (A)(C) | 1,140,000 | 11 |
| Olin Corp. 5.000%, 02/01/2030 | 560,000 | 545,720 |
| Pactiv LLC 8.375%, 04/15/2027 | 30,000 | 28,950 |
| Summit Materials LLC 5.250%, 01/15/2029 (A) | 700,000 | 660,978 |
| | | 10,842,502 |
| Real estate – 3.8% | | |
| Diversified Healthcare Trust 4.375%, 03/01/2031 | 500,000 | 392,140 |
| 4.750%, 02/15/2028 | 800,000 | 669,144 |
| 9.750%, 06/15/2025 | 680,000 | 713,592 |
| Five Point Operating Company LP 7.875%, 11/15/2025 (A) | 640,000 | 619,065 |
| Forestar Group, Inc. 3.850%, 05/15/2026 (A) | 580,000 | 531,663 |
| 5.000%, 03/01/2028 (A) | 420,000 | 378,897 |
| IIP Operating Partnership LP 5.500%, 05/25/2026 | 1,150,000 | 1,108,556 |
| Iron Mountain Information Management Services, Inc. 5.000%, 07/15/2032 (A) | 570,000 | 523,169 |
| MPT Operating Partnership LP 3.500%, 03/15/2031 | 300,000 | 262,146 |
| 4.625%, 08/01/2029 | 700,000 | 661,246 |
| Realogy Group LLC 5.750%, 01/15/2029 (A) | 520,000 | 463,424 |
| Service Properties Trust 5.500%, 12/15/2027 | 640,000 | 568,797 |
| The GEO Group, Inc. 5.875%, 10/15/2024 | 480,000 | 437,002 |
| 6.000%, 04/15/2026 | 1,500,000 | 1,241,123 |
| | | 8,569,964 |
| Utilities – 0.9% | | |
| Suburban Propane Partners LP 5.000%, 06/01/2031 (A) | 460,000 | 423,813 |
| Sunnova Energy Corp. 5.875%, 09/01/2026 (A)(B) | 1,310,000 | 1,176,184 |
| Superior Plus LP 4.500%, 03/15/2029 (A) | 340,000 | 317,475 |
| | | 1,917,472 |
| TOTAL CORPORATE BONDS (Cost \$209,891,893) | | \$ 185,282,147 |
| CONVERTIBLE BONDS – 1.6% | | |
| Communication services – 0.4% | | |
| DISH Network Corp. 3.375%, 08/15/2026 | 1,050,000 | 791,527 |
| Liberty TripAdvisor Holdings, Inc. 0.500%, 06/30/2051 (A) | 110,000 | 80,790 |
| | | 872,317 |
| Consumer discretionary – 0.4% | | |
| Chegg, Inc. 6.564%, 09/01/2026 (F) | 180,000 | 136,800 |

High Yield Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| CONVERTIBLE BONDS (continued) | | |
| Consumer discretionary (continued) | | |
| DraftKings Holdings, Inc. 8.552%, 03/15/2028 (F) | \$ 860,000 | \$ 531,050 |
| Liberty Latin America, Ltd. 2.000%, 07/15/2024 | 90,000 | 80,315 |
| NCL Corp., Ltd. 2.500%, 02/15/2027 (A) | 140,000 | 112,700 |
| | | 860,865 |
| Financials – 0.2% | | |
| Blackstone Mortgage Trust, Inc. 5.500%, 03/15/2027 | 450,000 | 438,525 |
| Health care – 0.3% | | |
| Halozyne Therapeutics, Inc. 0.250%, 03/01/2027 | 800,000 | 728,467 |
| Industrials – 0.3% | | |
| Spirit Airlines, Inc. 1.000%, 05/15/2026 | 790,000 | 683,745 |
| TOTAL CONVERTIBLE BONDS (Cost \$4,150,616) | | \$ 3,583,919 |
| TERM LOANS (G) – 5.1% | | |
| Consumer discretionary – 1.4% | | |
| Adtalem Global Education, Inc., 2021 Term Loan B (1 month LIBOR + 4.000%) 4.928%, 08/12/2028 | 449,776 | 437,129 |
| Equinox Holdings, Inc., 2020 Term Loan B2 (3 month LIBOR + 9.000%) 10.006%, 03/08/2024 | 412,650 | 407,492 |
| First Brands Group LLC, 2021 Term Loan (3 month SOFR + 5.000%) 6.000%, 03/30/2027 | 366,300 | 350,274 |
| Great Outdoors Group LLC, 2021 Term Loan B1 (1 month LIBOR + 3.750%) 4.810%, 03/06/2028 | 355,514 | 336,671 |
| Rent-A-Center, Inc., 2021 First Lien Term Loan B (1 month LIBOR + 3.250%) 4.313%, 02/17/2028 | 623,700 | 582,573 |
| Spencer Spirit IH LLC, Term Loan B (1 month LIBOR + 6.000%) 7.060%, 06/19/2026 | 730,090 | 718,000 |
| Truck Hero, Inc., 2021 Term Loan B (1 month LIBOR + 3.250%) 4.310%, 01/31/2028 | 356,400 | 322,097 |
| | | 3,154,236 |
| Financials – 0.7% | | |
| Acrisure LLC, 2020 Term Loan B (1 month LIBOR + 3.500%) 4.560%, 02/15/2027 | 529,200 | 504,063 |
| Amerilife Holdings LLC, 2020 Term Loan (3 month LIBOR + 4.000%) 4.800%, 03/18/2027 | 176,880 | 169,289 |
| Asurion LLC, 2021 Term Loan B9 (1 month LIBOR + 3.250%) 4.310%, 07/31/2027 | 792,000 | 748,044 |
| Deerfield Dakota Holding LLC, 2021 USD 2nd Lien Term Loan (1 month LIBOR + 6.750%) 7.810%, 04/07/2028 | 250,000 | 243,125 |
| | | 1,664,521 |
| Health care – 0.5% | | |
| Eyecare Partners LLC, 2020 Term Loan (3 month LIBOR + 3.750%) 4.756%, 02/18/2027 | 569,267 | 529,623 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|----------------------|
| TERM LOANS (G) (continued) | | |
| Health care (continued) | | |
| US Renal Care, Inc., 2019 Term Loan B (1 month LIBOR + 5.000%) 6.060%, 06/26/2026 | \$ 808,044 | \$ 643,631 |
| | | 1,173,254 |
| Industrials – 0.6% | | |
| Allied Universal Holdco LLC, 2021 USD Incremental Term Loan B (3 month LIBOR + 3.750%) 4.810%, 05/12/2028 | 796,000 | 751,225 |
| Mileage Plus Holdings LLC, 2020 Term Loan B (3 month LIBOR + 5.250%) 6.250%, 06/21/2027 | 480,000 | 486,398 |
| | | 1,237,623 |
| Information technology – 1.7% | | |
| Dcert Buyer, Inc., 2019 Term Loan B (1 month LIBOR + 4.000%) 5.060%, 10/16/2026 | 692,929 | 675,031 |
| Dcert Buyer, Inc., 2021 2nd Lien Term Loan (1 month LIBOR + 7.000%) 8.060%, 02/19/2029 | 880,000 | 861,670 |
| Global Tel*Link Corp., 2018 1st Lien Term Loan (1 month LIBOR + 4.250%) 5.310%, 11/29/2025 | 797,258 | 749,669 |
| Peraton Corp., Term Loan B (1 month LIBOR + 3.750%) 4.810%, 02/01/2028 | 437,451 | 423,343 |
| Redstone Holdco 2 LP, 2021 2nd Lien Term Loan (3 month LIBOR + 7.750%) 8.975%, 04/27/2029 | 570,000 | 500,175 |
| Redstone Holdco 2 LP, 2021 Term Loan (3 month LIBOR + 4.750%) 5.934%, 04/27/2028 | 497,500 | 461,431 |
| Vericast Corp., 2021 Term Loan (3 month LIBOR + 7.750%) 8.756%, 06/16/2026 | 154,013 | 120,900 |
| | | 3,792,219 |
| Materials – 0.2% | | |
| Arctic Canadian Diamond Company, Ltd., 2nd Lien PIK Term Loan (3 month LIBOR + 5.000% or 12.500% PIK) 5.000%, 12/31/2027 (H) | 508,163 | 436,360 |
| TOTAL TERM LOANS (Cost \$12,148,684) | | \$ 11,458,213 |
| ASSET BACKED SECURITIES – 6.7% | | |
| AIG CLO, Ltd. | | |
| Series 2018-1A, Class DR (3 month LIBOR + 3.100%) 4.163%, 04/20/2032 (A)(D) | 320,000 | 304,481 |
| Aimco CLO, Ltd. | | |
| Series 2020-12A, Class DR (3 month CME Term SOFR + 2.900%) 3.751%, 01/17/2032 (A)(D) | 440,000 | 410,287 |
| AMMC CLO, Ltd. | | |
| Series 2017-20A, Class E (3 month LIBOR + 5.810%) 6.854%, 04/17/2029 (A)(D) | 700,000 | 633,613 |
| Ares CLO, Ltd. | | |
| Series 2017-44A, Class CR (3 month LIBOR + 3.400%) 4.444%, 04/15/2034 (A)(D) | 410,000 | 410,519 |
| Ballyrock CLO, Ltd. | | |
| Series 2016-1A, Class ER (3 month LIBOR + 6.950%) 7.994%, 10/15/2028 (A)(D) | 250,000 | 236,618 |
| Series 2022-19A, Class D (3 month CME Term SOFR + 7.110%) 8.282%, 04/20/2035 (A)(D) | 900,000 | 773,709 |

High Yield Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| ASSET BACKED SECURITIES (continued) | | |
| Barings CLO, Ltd. | | |
| Series 2018-3A, Class D (3 month LIBOR + 2.900%) 3.963%, 07/20/2029 (A)(D) | \$ 250,000 | \$ 232,479 |
| Series 2020-4A, Class E (3 month LIBOR + 5.680%) 6.743%, 01/20/2032 (A)(D) | 350,000 | 308,647 |
| Battalion CLO, Ltd. | | |
| Series 2021-20A, Class D (3 month LIBOR + 3.100%) 4.144%, 07/15/2034 (A)(D) | 250,000 | 232,906 |
| Benefit Street Partners CLO XI, Ltd. | | |
| Series 2017-12A, Class C (3 month LIBOR + 3.050%) 4.094%, 10/15/2030 (A)(D) | 250,000 | 216,830 |
| BlueMountain CLO XXXI, Ltd. | | |
| Series 2021-31A, Class E (3 month LIBOR + 6.530%) 7.574%, 04/19/2034 (A)(D) | 170,000 | 151,004 |
| BlueMountain CLO, Ltd. | | |
| Series 2016-2A, Class DR (3 month LIBOR + 7.790%) 9.268%, 08/20/2032 (A)(D) | 375,000 | 340,006 |
| Bristol Park CLO, Ltd. | | |
| Series 2016-1A, Class ER (3 month LIBOR + 7.000%) 8.044%, 04/15/2029 (A)(D) | 400,000 | 374,567 |
| Cathedral Lake VI, Ltd. | | |
| Series 2021-6A, Class E (3 month LIBOR + 7.210%) 8.394%, 04/25/2034 (A)(D) | 125,000 | 105,147 |
| Cook Park CLO, Ltd. | | |
| Series 2018-1A, Class E (3 month LIBOR + 5.400%) 6.444%, 04/17/2030 (A)(D) | 750,000 | 653,761 |
| Dryden CLO, Ltd. | | |
| Series 2018-70A, Class E (3 month LIBOR + 6.050%) 7.113%, 01/16/2032 (A)(D) | 750,000 | 673,096 |
| Dryden Senior Loan Fund | | |
| Series 2015-40A, Class DR (3 month LIBOR + 3.100%) 4.511%, 08/15/2031 (A)(D) | 250,000 | 236,755 |
| Greenwood Park CLO, Ltd. | | |
| Series 2018-1A, Class D (3 month LIBOR + 2.500%) 3.544%, 04/15/2031 (A)(D) | 530,000 | 477,051 |
| Series 2018-1A, Class E (3 month LIBOR + 4.950%) 5.994%, 04/15/2031 (A)(D) | 750,000 | 649,635 |
| Greywolf CLO IV, Ltd. | | |
| Series 2019-1A, Class CR (3 month LIBOR + 3.650%) 4.694%, 04/17/2034 (A)(D) | 390,000 | 382,664 |
| Grippen Park CLO, Ltd. | | |
| Series 2017-1A, Class E (3 month LIBOR + 5.700%) 6.763%, 01/20/2030 (A)(D) | 440,000 | 404,796 |
| Halsey Point CLO I, Ltd. | | |
| Series 2019-1A, Class E (3 month LIBOR + 7.700%) 8.763%, 01/20/2033 (A)(D) | 600,000 | 548,534 |
| Jay Park CLO, Ltd. | | |
| Series 2016-1A, Class DR (3 month LIBOR + 5.200%) 6.263%, 10/20/2027 (A)(D) | 450,000 | 403,373 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|---------------|
| ASSET BACKED SECURITIES (continued) | | |
| LCM XXII, Ltd. | | |
| Series 2022-A, Class DR (3 month LIBOR + 5.500%) | | |
| 6.563%, 10/20/2028 (A)(D) | \$ 500,000 | \$ 426,479 |
| Madison Park Funding XIII, Ltd. | | |
| Series 2014-13A, Class DR2 (3 month LIBOR + 2.850%) | | |
| 3.894%, 04/19/2030 (A)(D) | 1,000,000 | 925,922 |
| Magnetite XXIV, Ltd. | | |
| Series 2019-24A, Class ER (3 month CME Term SOFR + 6.400%) | | |
| 7.246%, 04/15/2035 (A)(D) | 250,000 | 225,833 |
| Mountain View CLO IX, Ltd. | | |
| Series 2015-9A, Class CR (3 month LIBOR + 3.120%) | | |
| 4.164%, 07/15/2031 (A)(D) | 670,000 | 556,438 |
| Neuberger Berman Loan Advisers CLO, Ltd. | | |
| Series 2017-25A, Class DR (3 month LIBOR + 2.850%) | | |
| 3.894%, 10/18/2029 (A)(D) | 250,000 | 237,140 |
| Oaktree CLO, Ltd. | | |
| Series 2019-1A, Class D (3 month LIBOR + 3.800%) | | |
| 4.936%, 04/22/2030 (A)(D) | 250,000 | 223,462 |
| OZLM XI, Ltd. | | |
| Series 2015-11A, Class CR (3 month LIBOR + 3.600%) | | |
| 4.886%, 10/30/2030 (A)(D) | 1,000,000 | 936,330 |
| Rockland Park CLO, Ltd. | | |
| Series 2021-1A, Class E (3 month LIBOR + 6.250%) | | |
| 7.313%, 04/20/2034 (A)(D) | 200,000 | 181,965 |
| Sculptor CLO XXVI, Ltd. | | |
| Series 2026-A, Class E (3 month LIBOR + 7.250%) | | |
| 8.313%, 07/20/2034 (A)(D) | 390,000 | 355,709 |
| Shackleton CLO, Ltd. | | |
| Series 2013-3A, Class DR (3 month LIBOR + 3.020%) | | |
| 4.064%, 07/15/2030 (A)(D) | 500,000 | 446,807 |
| Symphony CLO XXII, Ltd. | | |
| Series 2020-22A, Class D (3 month LIBOR + 3.150%) | | |
| 4.194%, 04/18/2033 (A)(D) | 500,000 | 472,532 |
| TCI-Symphony CLO, Ltd. | | |
| Series 2016-1A, Class DR2 (3 month LIBOR + 3.100%) | | |
| 4.121%, 10/13/2032 (A)(D) | 600,000 | 552,070 |
| Voya CLO, Ltd. | | |
| Series 2017-1A, Class C (3 month LIBOR + 3.330%) | | |
| 4.374%, 04/17/2030 (A)(D) | 500,000 | 454,581 |
| TOTAL ASSET BACKED SECURITIES (Cost \$16,341,760) | | \$ 15,155,746 |
| COMMON STOCKS – 1.0% | | |
| Communication services – 0.0% | | |
| New Cotai, Inc., Class B (H)(I)(J) | 11 | 0 |
| Consumer discretionary – 0.0% | | |
| Party City Holdco, Inc. (J) | 14,839 | 21,368 |
| Energy – 1.0% | | |
| Berry Corp. | 110,224 | 1,226,793 |
| KCAD Holdings I, Ltd. (H)(I)(J) | 752,218,031 | 752 |
| MWO Holdings LLC (H)(I)(J) | 1,134 | 7,053 |
| Oasis Petroleum, Inc. | 5,752 | 913,015 |

High Yield Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|----------------|
| COMMON STOCKS (continued) | | |
| Energy (continued) | | |
| Permian Production (J) | 35,417 | \$ 21,250 |
| | | 2,168,863 |
| TOTAL COMMON STOCKS (Cost \$9,078,744) | | \$ 2,190,231 |
| PREFERRED SECURITIES – 0.7% | | |
| Energy – 0.3% | | |
| MPLX LP, 8.461% (H) | 17,615 | 590,103 |
| Financials – 0.4% | | |
| B. Riley Financial, Inc., 5.000% | 18,075 | 427,835 |
| B. Riley Financial, Inc., 5.250% | 13,100 | 300,121 |
| B. Riley Financial, Inc., 6.000% | 11,650 | 284,144 |
| | | 1,012,100 |
| TOTAL PREFERRED SECURITIES (Cost \$1,643,113) | | \$ 1,602,203 |
| ESCROW CERTIFICATES – 0.0% | | |
| Magellan Health, Inc. (H)(J) | \$ 4,380,000 | 0 |
| TOTAL ESCROW CERTIFICATES (Cost \$0) | | \$ 0 |
| SHORT-TERM INVESTMENTS – 1.2% | | |
| Short-term funds – 1.2% | | |
| John Hancock Collateral Trust, 0.8437% (K)(L) | 261,191 | 2,611,568 |
| State Street Institutional Treasury Plus Money Market Fund, Premier Class, 0.7476% (K) | 254 | 254 |
| TOTAL SHORT-TERM INVESTMENTS (Cost \$2,611,986) | | \$ 2,611,822 |
| Total Investments (High Yield Fund) (Cost \$258,315,046) – 99.5% | | \$ 223,537,054 |
| Other assets and liabilities, net – 0.5% | | 1,147,388 |
| TOTAL NET ASSETS – 100.0% | | \$ 224,684,442 |

Currency Abbreviations

| | |
|-----|-------------------|
| BRL | Brazilian Real |
| CAD | Canadian Dollar |
| GBP | Pound Sterling |
| IDR | Indonesian Rupiah |

Security Abbreviations and Legend

| | |
|-------|---|
| CME | Chicago Mercantile Exchange |
| CMT | Constant Maturity Treasury |
| LIBOR | London Interbank Offered Rate |
| PIK | Pay-in-Kind Security - Represents a payment-in-kind which may pay interest in additional par and/or cash. Rates shown are the current rate and most recent payment rate. |
| SOFR | Secured Overnight Financing Rate |
| SONIA | Sterling Overnight Interbank Average Rate |
| (A) | These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$160,840,774 or 71.6% of the fund's net assets as of 5-31-22. |
| (B) | All or a portion of this security is on loan as of 5-31-22. The value of securities on loan amounted to \$2,563,395. |
| (C) | Non-income producing - Issuer is in default. |
| (D) | Variable rate obligation. The coupon rate shown represents the rate at period end. |
| (E) | Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date. |
| (F) | Zero coupon bonds are issued at a discount from their principal amount in lieu of paying interest periodically. Rate shown is the effective yield at period end. |
| (G) | Term loans are variable rate obligations. The coupon rate shown represents the rate at period end. |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

- (H) Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy.
 (I) Restricted security as to resale, excluding 144A securities. For more information on this security refer to the Notes to Portfolio of Investments.

High Yield Fund (continued)

- (J) Non-income producing security.
 (K) The rate shown is the annualized seven-day yield as of 5-31-22.
 (L) Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

DERIVATIVES

FUTURES

| Open contracts | Number of contracts | Position | Expiration date | Notional basis [^] | Notional value [^] | Unrealized appreciation (depreciation) |
|-----------------------------------|---------------------|----------|-----------------|-----------------------------|-----------------------------|--|
| 5-Year U.S. Treasury Note Futures | 156 | Long | Sep 2022 | \$17,604,810 | \$17,620,688 | \$15,878 |
| | | | | | | \$15,878 |

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

FORWARD FOREIGN CURRENCY CONTRACTS

| Contract to buy | Contract to sell | Counterparty (OTC) | Contractual settlement date | Unrealized appreciation | Unrealized depreciation |
|-----------------|------------------|--------------------|-----------------------------|-------------------------|-------------------------|
| GBP 587,667 | USD 767,689 | BNP | 7/19/2022 | — | \$(26,970) |
| MXN 3,526,523 | USD 174,940 | MSCS | 7/19/2022 | \$2,620 | — |
| USD 160,577 | CAD 200,571 | JPM | 7/19/2022 | 2,044 | — |
| USD 278,206 | EUR 254,004 | MSCS | 7/19/2022 | 4,849 | — |
| | | | | \$9,513 | \$(26,970) |

SWAPS

Credit default swaps - Buyer

| Counterparty (OTC)/ Centrally cleared | Reference obligation | Notional amount | Currency | USD notional amount | Pay fixed rate | Fixed payment frequency | Maturity date | Unamortized upfront payment paid (received) | Unrealized appreciation (depreciation) | Value |
|---------------------------------------|------------------------------------|-----------------|----------|---------------------|----------------|-------------------------|---------------|---|--|-------------------|
| Centrally cleared | Beazer Homes USA, Inc. | 810,000 | USD | \$810,000 | 5.000% | Quarterly | Jun 2027 | \$16,579 | \$5,055 | \$21,634 |
| Centrally cleared | KB Home | 1,052,000 | USD | 1,052,000 | 5.000% | Quarterly | Jun 2027 | (78,738) | (17,419) | (96,157) |
| Centrally cleared | Macy's Retail Holdings LLC | 590,000 | USD | 590,000 | 1.000% | Quarterly | Jun 2027 | 67,892 | 4,317 | 72,209 |
| Centrally cleared | NOVA Chemicals Corp. | 441,000 | USD | 441,000 | 5.000% | Quarterly | Jun 2027 | (11,150) | (12,137) | (23,287) |
| Centrally cleared | The Goodyear Tire & Rubber Company | 590,000 | USD | 590,000 | 5.000% | Quarterly | Jun 2027 | (10,798) | (16,501) | (27,299) |
| Centrally cleared | Xerox Holdings Corp. | 237,000 | USD | 237,000 | 1.000% | Quarterly | Jun 2027 | 33,947 | (4,812) | 29,135 |
| | | | | \$3,720,000 | | | | \$17,732 | \$(41,497) | \$(23,765) |

Credit default swaps - Seller

| Counterparty (OTC)/ Centrally cleared | Reference obligation | Implied credit spread | Notional amount | Currency | USD notional amount | Received fixed rate | Fixed payment frequency | Maturity date | Unamortized upfront payment paid (received) | Unrealized appreciation (depreciation) | Value |
|---------------------------------------|-------------------------------|-----------------------|-----------------|----------|---------------------|---------------------|-------------------------|---------------|---|--|-----------------|
| Centrally cleared | Occidental Petroleum Corp. | 1.104% | 810,000 | USD | \$810,000 | 1.000% | Quarterly | Jun 2026 | \$(30,200) | \$28,638 | \$(1,562) |
| Centrally cleared | Ford Motor Credit Company LLC | 4.278% | 1,000,000 | USD | 1,000,000 | 5.000% | Quarterly | Dec 2026 | 140,784 | (106,625) | 34,159 |
| | | | | | \$1,810,000 | | | | \$110,584 | \$(77,987) | \$32,597 |

Derivatives Currency Abbreviations

| | |
|-----|-----------------|
| CAD | Canadian Dollar |
| EUR | Euro |
| GBP | Pound Sterling |
| MXN | Mexican Peso |
| USD | U.S. Dollar |

Derivatives Abbreviations

| | |
|------|-------------------------------------|
| BNP | BNP Paribas |
| JPM | JPMorgan Chase Bank, N.A. |
| MSCS | Morgan Stanley Capital Services LLC |
| OTC | Over-the-counter |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| COMMON STOCKS - 92.1% | | |
| Australia - 5.5% | | |
| Ampol, Ltd. | 47,694 | \$ 1,130,943 |
| APA Group | 237,781 | 1,935,611 |
| Aristocrat Leisure, Ltd. | 122,199 | 2,952,373 |
| ASX, Ltd. | 39,602 | 2,291,325 |
| Aurizon Holdings, Ltd. | 374,279 | 1,078,191 |
| Australia & New Zealand Banking Group, Ltd. | 568,789 | 10,196,177 |
| BHP Group, Ltd. | 1,025,022 | 32,181,499 |
| BlueScope Steel, Ltd. | 100,648 | 1,305,089 |
| Brambles, Ltd. | 290,988 | 2,267,803 |
| Cochlear, Ltd. | 13,288 | 2,119,910 |
| Coles Group, Ltd. | 269,116 | 3,376,805 |
| Commonwealth Bank of Australia (A) | 345,730 | 25,869,550 |
| Computershare, Ltd. | 110,189 | 1,825,713 |
| Crown Resorts, Ltd. (B) | 75,667 | 696,656 |
| CSL, Ltd. | 96,952 | 18,861,495 |
| Dexus | 218,834 | 1,643,933 |
| Domino's Pizza Enterprises, Ltd. | 12,313 | 606,739 |
| Endeavour Group, Ltd. | 271,605 | 1,410,716 |
| Evolution Mining, Ltd. | 365,756 | 998,056 |
| Fortescue Metals Group, Ltd. | 342,958 | 4,951,292 |
| Goodman Group | 341,346 | 5,021,283 |
| IDP Education, Ltd. | 42,336 | 720,861 |
| Insurance Australia Group, Ltd. | 506,511 | 1,585,845 |
| Lendlease Corp., Ltd. | 138,688 | 1,069,183 |
| Macquarie Group, Ltd. | 69,042 | 9,172,778 |
| Medibank Private, Ltd. | 563,925 | 1,300,097 |
| Mineral Resources, Ltd. | 34,323 | 1,562,709 |
| Mirvac Group | 804,626 | 1,303,279 |
| MMG, Ltd. (B) | 516,000 | 218,666 |
| National Australia Bank, Ltd. | 662,745 | 14,858,058 |
| Newcrest Mining, Ltd. | 179,658 | 3,150,266 |
| Northern Star Resources, Ltd. | 222,150 | 1,411,084 |
| Orica, Ltd. | 82,406 | 954,720 |
| Origin Energy, Ltd. | 354,464 | 1,736,631 |
| Qantas Airways, Ltd. (B) | 188,699 | 744,370 |
| QBE Insurance Group, Ltd. | 303,714 | 2,615,216 |
| Ramsay Health Care, Ltd. | 37,107 | 2,079,978 |
| REA Group, Ltd. | 10,607 | 852,295 |
| Reece, Ltd. | 58,992 | 673,023 |
| Rio Tinto, Ltd. | 75,435 | 6,171,875 |
| Santos, Ltd. | 648,057 | 3,771,546 |
| Scentre Group | 1,051,669 | 2,162,394 |
| SEEK, Ltd. | 67,757 | 1,174,227 |
| Sonic Healthcare, Ltd. | 92,300 | 2,422,601 |
| South32, Ltd. | 943,975 | 3,321,073 |
| Stockland | 484,852 | 1,389,559 |
| Suncorp Group, Ltd. | 259,259 | 2,111,376 |
| Tabcorp Holdings, Ltd. | 450,977 | 301,482 |
| Telstra Corp., Ltd. | 840,201 | 2,335,588 |
| The GPT Group | 389,893 | 1,343,791 |
| The Lottery Corp, Ltd. (B) | 480,866 | 1,635,739 |
| Transurban Group | 620,629 | 6,383,452 |
| Treasury Wine Estates, Ltd. | 146,368 | 1,247,632 |
| Vicinity Centres | 784,386 | 1,061,538 |
| Washington H. Soul Pattinson & Company, Ltd. | 43,598 | 801,916 |
| Wesfarmers, Ltd. | 229,546 | 7,763,972 |
| Westpac Banking Corp. | 741,767 | 12,707,133 |
| WiseTech Global, Ltd. | 29,577 | 890,673 |
| Woodside Energy Group, Ltd. | 393,346 | 8,298,157 |
| Woolworths Group, Ltd. | 245,005 | 6,077,604 |
| | | 242,103,546 |
| Austria - 0.1% | | |
| Erste Group Bank AG | 71,723 | 2,239,330 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Austria (continued) | | |
| OMV AG | 30,196 | \$ 1,764,078 |
| Raiffeisen Bank International AG | 30,184 | 401,446 |
| Verbund AG | 14,087 | 1,401,442 |
| voestalpine AG | 23,817 | 699,269 |
| | | 6,505,565 |
| Belgium - 0.4% | | |
| Ageas SA/NV | 23,225 | 1,168,886 |
| Anheuser-Busch InBev SA/NV | 111,867 | 6,306,007 |
| Elia Group SA/NV | 3,831 | 630,254 |
| Etablissements Franz Colruyt NV | 6,885 | 223,478 |
| Groupe Bruxelles Lambert SA | 14,064 | 1,296,975 |
| KBC Group NV | 31,666 | 1,979,403 |
| Proximus SADP | 19,401 | 334,591 |
| Sofina SA | 2,052 | 483,030 |
| Solvay SA | 9,606 | 938,464 |
| UCB SA | 16,361 | 1,443,484 |
| Umicore SA | 25,257 | 1,121,287 |
| | | 15,925,859 |
| Brazil - 1.5% | | |
| Ambev SA | 1,078,400 | 3,219,850 |
| Americanas SA | 147,410 | 623,442 |
| Atacadao SA | 113,200 | 460,894 |
| B3 SA - Brasil Bolsa Balcao | 1,402,860 | 3,769,455 |
| Banco Bradesco SA | 358,039 | 1,271,674 |
| Banco BTG Pactual SA | 270,700 | 1,443,338 |
| Banco do Brasil SA | 196,500 | 1,514,099 |
| Banco Inter SA | 78,800 | 208,749 |
| Banco Santander Brasil SA | 93,500 | 660,051 |
| BB Seguridade Participacoes SA | 163,000 | 921,914 |
| BRF SA (B) | 160,300 | 527,863 |
| CCR SA | 273,100 | 766,568 |
| Centrais Eletricas Brasileiras SA | 69,700 | 618,017 |
| Cia de Saneamento Basico do Estado de Sao Paulo | 77,700 | 748,463 |
| Cia Siderurgica Nacional SA | 158,300 | 727,456 |
| Cosan SA | 233,200 | 1,060,368 |
| Energisa SA | 40,700 | 380,405 |
| Engie Brasil Energia SA | 44,125 | 407,589 |
| Equatorial Energia SA | 229,900 | 1,150,334 |
| Hapvida Participacoes e Investimentos SA (C) | 974,109 | 1,377,368 |
| Hypera SA | 86,700 | 707,640 |
| JBS SA | 162,600 | 1,217,990 |
| Klabin SA | 161,600 | 759,623 |
| Localiza Rent a Car SA | 137,945 | 1,669,545 |
| Lojas Renner SA | 225,742 | 1,263,477 |
| Magazine Luiza SA | 689,100 | 539,385 |
| Natura & Company Holding SA | 205,000 | 710,429 |
| Petro Rio SA (B) | 159,500 | 939,370 |
| Petroleo Brasileiro SA | 848,400 | 5,937,399 |
| Raia Drogasil SA | 242,900 | 1,055,409 |
| Rede D'Or Sao Luiz SA (C) | 91,500 | 689,636 |
| Rumo SA | 294,400 | 1,095,200 |
| Suzano SA | 170,227 | 1,916,265 |
| Telefonica Brasil SA | 115,700 | 1,242,803 |
| TIM SA | 193,100 | 585,084 |
| TOTVS SA | 119,200 | 711,556 |
| Ultrapar Participacoes SA | 164,400 | 497,086 |
| Vale SA | 935,438 | 16,968,598 |
| Vibra Energia SA | 265,400 | 1,085,602 |
| WEG SA | 382,640 | 2,042,604 |
| | | 63,492,598 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Canada - 7.9% | | |
| Agnico Eagle Mines, Ltd. | 80,953 | \$ 4,290,698 |
| Air Canada (A)(B) | 33,286 | 583,956 |
| Algonquin Power & Utilities Corp. (A) | 123,088 | 1,790,583 |
| Alimentation Couche-Tard, Inc. | 150,770 | 6,850,419 |
| AltaGas, Ltd. (A) | 50,747 | 1,225,294 |
| Atco, Ltd., Class I | 1,268 | 45,994 |
| Ballard Power Systems, Inc. (B) | 43,862 | 317,647 |
| Bank of Montreal | 114,998 | 12,509,448 |
| Barrick Gold Corp. | 314,673 | 6,445,964 |
| BCE, Inc. | 15,639 | 852,025 |
| BlackBerry, Ltd. (A)(B) | 96,084 | 578,851 |
| Brookfield Asset Management Reinsurance Partners, Ltd., Class A (B) | 1,027 | 52,265 |
| Brookfield Asset Management, Inc., Class A | 250,536 | 12,668,919 |
| CAE, Inc. (A)(B) | 58,473 | 1,460,380 |
| Cameco Corp. (A) | 70,637 | 1,730,672 |
| Canadian Apartment Properties REIT | 17,258 | 675,393 |
| Canadian Imperial Bank of Commerce (A) | 160,326 | 8,819,610 |
| Canadian National Railway Company | 125,035 | 14,217,127 |
| Canadian Natural Resources, Ltd. | 208,214 | 13,779,969 |
| Canadian Pacific Railway, Ltd. | 164,470 | 11,735,318 |
| Canadian Tire Corp., Ltd., Class A | 10,564 | 1,451,407 |
| Canadian Utilities, Ltd., Class A (A) | 24,291 | 770,683 |
| Canopy Growth Corp. (A)(B) | 43,757 | 218,984 |
| CCL Industries, Inc., Class B | 27,857 | 1,337,295 |
| Cenovus Energy, Inc. | 232,054 | 5,379,154 |
| CGI, Inc. (B) | 39,221 | 3,351,080 |
| CI Financial Corp. | 3,481 | 44,061 |
| Constellation Software, Inc. | 3,575 | 5,626,672 |
| Dollarama, Inc. | 51,600 | 2,992,747 |
| Emera, Inc. | 47,062 | 2,339,240 |
| Empire Company, Ltd., Class A | 31,293 | 1,025,493 |
| Enbridge, Inc. | 359,554 | 16,609,669 |
| Fairfax Financial Holdings, Ltd. | 4,548 | 2,524,062 |
| First Capital Real Estate Investment Trust (A) | 2,485 | 30,629 |
| First Quantum Minerals, Ltd. (A) | 104,269 | 3,018,801 |
| FirstService Corp. | 7,197 | 921,610 |
| Fortis, Inc. | 85,206 | 4,297,182 |
| Franco-Nevada Corp. | 33,963 | 4,804,522 |
| George Weston, Ltd. | 13,663 | 1,676,914 |
| GFL Environmental, Inc. | 28,905 | 882,107 |
| Gildan Activewear, Inc. | 36,033 | 1,134,960 |
| Great-West Lifeco, Inc. (A) | 56,037 | 1,537,767 |
| Hydro One, Ltd. (A)(C) | 60,895 | 1,698,522 |
| iA Financial Corp., Inc. | 21,969 | 1,140,787 |
| IGM Financial, Inc. | 19,324 | 595,219 |
| Imperial Oil, Ltd. (A) | 43,537 | 2,384,665 |
| Intact Financial Corp. | 31,774 | 4,590,820 |
| Ivanhoe Mines, Ltd., Class A (A)(B) | 107,916 | 822,477 |
| Keyera Corp. (A) | 40,019 | 1,066,562 |
| Kinross Gold Corp. (A) | 225,318 | 1,011,825 |
| Lightspeed Commerce, Inc. (B) | 20,198 | 525,210 |
| Loblaw Companies, Ltd. | 30,332 | 2,798,309 |
| Lundin Mining Corp. | 118,684 | 1,056,554 |
| Magna International, Inc. | 51,102 | 3,316,166 |
| Metro, Inc. | 44,378 | 2,451,079 |
| National Bank of Canada | 60,617 | 4,652,487 |
| Northland Power, Inc. | 41,022 | 1,244,103 |
| Nutrien, Ltd. | 100,930 | 9,863,586 |
| Nuvei Corp. (B) | 12,013 | 615,158 |
| Onex Corp. | 15,096 | 900,735 |
| Open Text Corp. (A) | 49,550 | 2,030,812 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-------------|
| COMMON STOCKS (continued) | | |
| Canada (continued) | | |
| Pan American Silver Corp. (A) | 37,577 | \$ 826,495 |
| Parkland Corp. | 27,335 | 813,880 |
| Pembina Pipeline Corp. | 98,088 | 3,955,005 |
| Power Corp. of Canada (A) | 105,770 | 3,054,732 |
| Quebecor, Inc., Class B | 31,068 | 704,947 |
| Restaurant Brands International, Inc. | 50,962 | 2,676,124 |
| RioCan Real Estate Investment Trust (A) | 31,930 | 574,303 |
| Ritchie Brothers Auctioneers, Inc. | 19,744 | 1,188,371 |
| Rogers Communications, Inc., Class B | 64,005 | 3,282,606 |
| Royal Bank of Canada | 253,026 | 26,439,852 |
| Saputo, Inc. | 45,766 | 920,132 |
| Shaw Communications, Inc., Class B | 81,648 | 2,313,527 |
| Shopify, Inc., Class A (B) | 20,085 | 7,540,311 |
| SmartCentres Real Estate Investment Trust | 2,374 | 55,218 |
| Sun Life Financial, Inc. (A) | 108,581 | 5,303,502 |
| Suncor Energy, Inc. | 257,780 | 10,371,526 |
| TC Energy Corp. | 174,026 | 10,072,691 |
| Teck Resources, Ltd., Class B | 83,991 | 3,482,222 |
| TELUS Corp. (A) | 83,868 | 2,098,606 |
| TFI International, Inc. | 15,053 | 1,236,159 |
| The Bank of Nova Scotia | 215,796 | 14,634,922 |
| The Toronto-Dominion Bank | 321,950 | 24,603,460 |
| Thomson Reuters Corp. (A) | 31,001 | 3,068,360 |
| TMX Group, Ltd. | 10,494 | 1,141,866 |
| Toromont Industries, Ltd. | 15,101 | 1,339,432 |
| Tourmaline Oil Corp. | 55,464 | 3,423,828 |
| West Fraser Timber Company, Ltd. | 16,886 | 1,557,968 |
| Wheaton Precious Metals Corp. | 80,259 | 3,314,804 |
| WSP Global, Inc. | 21,071 | 2,325,915 |
| | | 347,691,411 |
| Chile - 0.1% | | |
| Antofagasta PLC | 93,683 | 1,748,696 |
| Banco de Chile | 8,978,924 | 934,594 |
| Banco de Credito e Inversiones SA | 10,927 | 405,917 |
| Banco Santander Chile | 12,669,615 | 633,688 |
| Cencosud SA | 281,775 | 451,672 |
| Cia Cervecerias Unidas SA | 28,973 | 206,817 |
| Empresas CMPC SA | 225,975 | 390,648 |
| Empresas COPEC SA | 77,264 | 613,437 |
| Enel Americas SA | 4,229,971 | 457,901 |
| Enel Chile SA | 5,605,688 | 143,659 |
| Falabella SA | 149,958 | 439,099 |
| | | 6,426,128 |
| China - 7.9% | | |
| 360 DigiTech, Inc., ADR | 15,300 | 240,669 |
| 360 Security Technology, Inc., Class A (B) | 60,900 | 75,521 |
| 37 Interactive Entertainment Network Technology Group Company, Ltd., Class A | 23,200 | 75,143 |
| 3SBio, Inc. (B)(C) | 220,900 | 164,130 |
| AAC Technologies Holdings, Inc. (A) | 127,700 | 277,745 |
| Addsino Company, Ltd., Class A | 17,400 | 29,938 |
| Advanced Micro-Fabrication Equipment, Inc., Class A (B) | 6,328 | 109,551 |
| AECC Aero-Engine Control Company, Ltd., Class A | 15,500 | 64,362 |
| AECC Aviation Power Company, Ltd., Class A | 29,300 | 173,563 |
| Agile Group Holdings, Ltd. | 218,500 | 92,637 |
| Agricultural Bank of China, Ltd., Class A | 796,200 | 362,255 |
| Agricultural Bank of China, Ltd., H Shares | 4,632,600 | 1,764,091 |
| Aier Eye Hospital Group Company, Ltd., Class A | 57,100 | 317,548 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Air China, Ltd., Class A (B) | 72,500 | \$ 105,497 |
| Air China, Ltd., H Shares (B) | 290,266 | 211,761 |
| Airtac International Group | 22,000 | 716,115 |
| Akeso, Inc. (B)(C) | 48,000 | 99,470 |
| Alibaba Group Holding, Ltd. (B) | 2,664,700 | 32,003,665 |
| A-Living Smart City Services Company, Ltd. (C) | 99,500 | 158,630 |
| Aluminum Corp. of China, Ltd., A Shares (B) | 135,900 | 104,428 |
| Aluminum Corp. of China, Ltd., H Shares (B) | 687,480 | 306,513 |
| Angel Yeast Company, Ltd., Class A | 8,600 | 54,650 |
| Anhui Conch Cement Company, Ltd., Class A | 44,100 | 243,477 |
| Anhui Conch Cement Company, Ltd., H Shares | 215,710 | 1,092,586 |
| Anhui Gujing Distillery Company, Ltd., B Shares | 17,900 | 262,375 |
| Anhui Gujing Distillery Company, Ltd., Class A | 4,400 | 150,337 |
| Anhui Honglu Steel Construction Group Company, Ltd., Class A | 5,300 | 30,888 |
| Anhui Kouzi Distillery Company, Ltd., Class A | 6,500 | 51,432 |
| Anhui Yingjia Distillery Company, Ltd., Class A | 7,100 | 63,538 |
| Anjoy Foods Group Company, Ltd., Class A | 3,100 | 60,994 |
| ANTA Sports Products, Ltd. | 189,300 | 2,146,584 |
| Apeloa Pharmaceutical Company, Ltd., Class A | 12,600 | 39,283 |
| Asymchem Laboratories Tianjin Company, Ltd., Class A | 2,600 | 101,989 |
| Autel Intelligent Technology Corp, Ltd., Class A (B) | 3,789 | 17,434 |
| Autobio Diagnostics Company, Ltd., Class A (B) | 5,900 | 37,587 |
| Autohome, Inc., ADR | 13,600 | 494,224 |
| Avary Holding Shenzhen Company, Ltd., Class A | 16,400 | 74,493 |
| AVIC Electromechanical Systems Company, Ltd., Class A | 44,800 | 77,489 |
| AVIC Industry-Finance Holdings Company, Ltd., Class A | 97,800 | 49,307 |
| AviChina Industry & Technology Company, Ltd., H Shares | 458,300 | 263,826 |
| AVICOPTER PLC, Class A | 7,500 | 43,367 |
| Baidu, Inc., ADR (B) | 48,700 | 6,835,045 |
| Bank of Beijing Company, Ltd., Class A | 232,800 | 154,503 |
| Bank of Changsha Company, Ltd., Class A | 46,200 | 52,806 |
| Bank of Chengdu Company, Ltd., Class A | 41,100 | 94,324 |
| Bank of China, Ltd., Class A | 366,800 | 175,731 |
| Bank of China, Ltd., H Shares | 14,024,722 | 5,606,686 |
| Bank of Communications Company, Ltd., Class A | 441,400 | 325,333 |
| Bank of Communications Company, Ltd., H Shares | 1,535,876 | 1,046,034 |
| Bank of Hangzhou Company, Ltd., Class A | 63,700 | 130,187 |
| Bank of Jiangsu Company, Ltd., Class A | 164,200 | 158,205 |
| Bank of Nanjing Company, Ltd., Class A | 110,500 | 179,251 |
| Bank of Ningbo Company, Ltd., Class A | 69,800 | 342,716 |
| Bank of Shanghai Company, Ltd., Class A | 155,400 | 149,553 |
| Baoshan Iron & Steel Company, Ltd., Class A | 239,700 | 229,678 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-----------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| BBMG Corp., Class A | 65,500 | \$ 27,603 |
| Beijing BDStar Navigation Company, Ltd., Class A (B) | 4,200 | 19,150 |
| Beijing Capital International Airport Company, Ltd., H Shares (B) | 311,111 | 182,266 |
| Beijing Dabeinong Technology Group Company, Ltd., Class A (B) | 42,300 | 49,503 |
| Beijing Easpring Material Technology Company, Ltd., Class A | 5,300 | 55,236 |
| Beijing E-Hualu Information Technology Company, Ltd., Class A | 5,900 | 14,293 |
| Beijing Enlight Media Company, Ltd., Class A (B) | 28,400 | 33,034 |
| Beijing Kingsoft Office Software, Inc., Class A | 4,765 | 146,195 |
| Beijing New Building Materials PLC, Class A | 18,000 | 77,988 |
| Beijing Originwater Technology Company, Ltd., Class A | 20,500 | 15,011 |
| Beijing Roborock Technology Company, Ltd., Class A | 703 | 67,236 |
| Beijing Shiji Information Technology Company, Ltd., Class A | 9,500 | 29,208 |
| Beijing Shunxin Agriculture Company, Ltd., Class A | 8,100 | 28,373 |
| Beijing Sinnet Technology Company, Ltd., Class A | 15,700 | 22,992 |
| Beijing Tiantan Biological Products Corp., Ltd., Class A | 14,100 | 47,679 |
| Beijing United Information Technology Company, Ltd., Class A | 4,830 | 55,799 |
| Beijing Wantai Biological Pharmacy Enterprise Company, Ltd., Class A | 6,035 | 115,404 |
| Beijing Yuanliu Hongyuan Electronic Technology Company, Ltd., Class A (B) | 2,200 | 41,598 |
| Beijing-Shanghai High Speed Railway Company, Ltd., Class A | 418,600 | 305,745 |
| Betta Pharmaceuticals Company, Ltd., Class A | 4,000 | 28,102 |
| BGI Genomics Company, Ltd., Class A | 4,000 | 39,492 |
| Bilibili, Inc., ADR (A)(B) | 29,200 | 652,620 |
| BOC International China Company, Ltd., Class A | 23,800 | 42,778 |
| BOE Technology Group Company, Ltd., Class A | 391,700 | 222,509 |
| BYD Company, Ltd., Class A | 19,200 | 850,365 |
| BYD Company, Ltd., H Shares | 144,694 | 5,142,619 |
| BYD Electronic International Company, Ltd. | 119,700 | 265,657 |
| By-health Company, Ltd., Class A | 17,600 | 52,444 |
| C&S Paper Company, Ltd., Class A | 13,300 | 21,983 |
| Caifong Securities Company, Ltd., Class A | 55,700 | 60,085 |
| CanSino Biologics, Inc., Class A (B) | 1,187 | 31,185 |
| CanSino Biologics, Inc., H Shares (A)(B)(C) | 14,000 | 140,994 |
| CECEP Solar Energy Company, Ltd., Class A | 31,200 | 35,528 |
| CECEP Wind-Power Corp., Class A | 47,200 | 32,541 |
| CGN Power Company, Ltd., H Shares (C) | 1,854,000 | 486,338 |
| Chacha Food Company, Ltd., Class A | 5,400 | 44,855 |
| Changchun High & New Technology Industry Group, Inc., Class A (B) | 4,300 | 106,971 |
| Changjiang Securities Company, Ltd., Class A | 79,600 | 67,867 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Changzhou Xingyu Automotive Lighting Systems Company, Ltd., Class A | 2,900 | \$ 65,593 |
| Chaozhou Three-Circle Group Company, Ltd., Class A | 20,200 | 89,626 |
| Chengtun Mining Group Company, Ltd., Class A | 25,600 | 28,658 |
| Chengxin Lithium Group Company, Ltd., Class A | 9,000 | 66,197 |
| Chifeng Jilong Gold Mining Company, Ltd., Class A (B) | 14,100 | 33,422 |
| China Baoan Group Company, Ltd., Class A | 27,500 | 48,392 |
| China Bohai Bank Company, Ltd., H Shares (C) | 556,000 | 91,991 |
| China Cinda Asset Management Company, Ltd., H Shares | 1,660,300 | 281,385 |
| China CITIC Bank Corp., Ltd., H Shares | 1,585,400 | 767,370 |
| China Coal Energy Company, Ltd., H Shares | 360,000 | 329,443 |
| China Communications Services Corp., Ltd., H Shares | 432,400 | 202,488 |
| China Conch Venture Holdings, Ltd. | 291,200 | 757,496 |
| China Construction Bank Corp., Class A | 123,700 | 111,060 |
| China Construction Bank Corp., H Shares | 16,906,796 | 12,533,281 |
| China CSSC Holdings, Ltd., Class A | 45,700 | 127,341 |
| China Eastern Airlines Corp., Ltd., Class A (B) | 83,100 | 60,033 |
| China Energy Engineering Corp., Ltd. (B) | 344,600 | 120,371 |
| China Everbright Bank Company, Ltd., Class A | 472,900 | 221,437 |
| China Everbright Bank Company, Ltd., H Shares | 566,595 | 186,089 |
| China Evergrande Group (A) | 667,935 | 102,288 |
| China Feihe, Ltd. (C) | 627,000 | 632,819 |
| China Galaxy Securities Company, Ltd., Class A | 50,500 | 66,941 |
| China Galaxy Securities Company, Ltd., H Shares | 638,100 | 351,772 |
| China Great Wall Securities Company, Ltd., Class A | 33,900 | 44,155 |
| China Greatwall Technology Group Company, Ltd., Class A | 31,500 | 47,912 |
| China Hongqiao Group, Ltd. | 401,300 | 497,380 |
| China Huishan Dairy Holdings Company, Ltd. (B)(D) | 175,000 | 0 |
| China International Capital Corp., Ltd., Class A | 12,600 | 72,634 |
| China International Capital Corp., Ltd., H Shares (B)(C) | 254,600 | 484,783 |
| China Jushi Company, Ltd., Class A | 42,000 | 102,828 |
| China Lesso Group Holdings, Ltd. | 190,000 | 243,958 |
| China Life Insurance Company, Ltd., Class A | 31,200 | 116,220 |
| China Life Insurance Company, Ltd., H Shares | 1,322,276 | 2,028,563 |
| China Literature, Ltd. (B)(C) | 71,200 | 312,571 |
| China Longyuan Power Group Corp., Ltd., H Shares | 586,000 | 1,247,838 |
| China Medical System Holdings, Ltd. | 237,800 | 351,390 |
| China Meidong Auto Holdings, Ltd. | 98,000 | 351,645 |
| China Merchants Bank Company, Ltd., Class A | 219,200 | 1,302,170 |
| China Merchants Bank Company, Ltd., H Shares | 684,374 | 4,328,649 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| China Merchants Securities Company, Ltd., Class A | 85,700 | \$ 165,711 |
| China Merchants Shekou Industrial Zone Holdings Company, Ltd., Class A | 84,200 | 157,732 |
| China Minmetals Rare Earth Company, Ltd., Class A | 10,100 | 40,939 |
| China Minsheng Banking Corp., Ltd., Class A | 370,500 | 212,025 |
| China Minsheng Banking Corp., Ltd., H Shares (A) | 1,017,720 | 394,164 |
| China Molybdenum Company, Ltd., Class A | 180,900 | 128,946 |
| China Molybdenum Company, Ltd., H Shares | 580,600 | 284,092 |
| China National Building Material Company, Ltd., H Shares | 720,600 | 908,946 |
| China National Chemical Engineering Company, Ltd., Class A | 67,400 | 95,118 |
| China National Medicines Corp, Ltd., Class A | 8,300 | 34,838 |
| China National Nuclear Power Company, Ltd., Class A | 152,700 | 166,209 |
| China Northern Rare Earth Group High-Tech Company, Ltd., Class A | 37,900 | 197,614 |
| China Oilfield Services, Ltd., H Shares | 312,000 | 367,360 |
| China Pacific Insurance Group Company, Ltd., Class A | 76,000 | 241,928 |
| China Pacific Insurance Group Company, Ltd., H Shares | 471,379 | 1,099,710 |
| China Petroleum & Chemical Corp., Class A | 340,000 | 226,364 |
| China Petroleum & Chemical Corp., H Shares | 4,271,439 | 2,045,861 |
| China Railway Group, Ltd., Class A | 221,500 | 218,375 |
| China Railway Group, Ltd., H Shares | 705,800 | 487,820 |
| China Railway Signal & Communication Corp., Ltd., Class A | 53,900 | 36,885 |
| China Resources Microelectronics, Ltd., Class A | 11,522 | 91,135 |
| China Resources Mixc Lifestyle Services, Ltd. (C) | 99,200 | 488,915 |
| China Resources Sanjiu Medical & Pharmaceutical Company, Ltd., Class A | 10,600 | 69,774 |
| China Shenhua Energy Company, Ltd., Class A | 70,200 | 357,482 |
| China Shenhua Energy Company, Ltd., H Shares | 592,900 | 1,980,063 |
| China Southern Airlines Company, Ltd., Class A (B) | 116,900 | 113,875 |
| China Southern Airlines Company, Ltd., H Shares (B) | 271,700 | 149,937 |
| China State Construction Engineering Corp., Ltd., Class A | 461,400 | 381,584 |
| China Suntien Green Energy Corp., Ltd., H Shares | 302,000 | 175,961 |
| China Three Gorges Renewables Group Company, Ltd., Class A | 298,500 | 277,812 |
| China Tourism Group Duty Free Corp., Ltd., Class A | 20,600 | 543,506 |
| China Tower Corp., Ltd., H Shares (C) | 7,320,400 | 857,727 |
| China TransInfo Technology Company, Ltd., Class A | 9,800 | 12,811 |
| China United Network Communications, Ltd., Class A | 309,600 | 161,655 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| China Vanke Company, Ltd., Class A | 107,600 | \$ 287,507 |
| China Vanke Company, Ltd., H Shares | 295,800 | 653,591 |
| China Yangtze Power Company, Ltd., Class A | 239,700 | 863,618 |
| China Zhenhua Group Science & Technology Company, Ltd., Class A | 5,300 | 94,924 |
| China Zhesang Bank Company, Ltd., Class A | 195,300 | 95,279 |
| Chinasoft International, Ltd. (B) | 456,000 | 419,066 |
| Chindata Group Holdings, Ltd., ADR (A)(B) | 19,800 | 148,302 |
| Chongqing Brewery Company, Ltd., Class A (B) | 5,000 | 97,304 |
| Chongqing Changan Automobile Company, Ltd., Class A | 66,500 | 139,033 |
| Chongqing Fuling Zhacai Group Company, Ltd., Class A | 9,700 | 46,410 |
| Chongqing Rural Commercial Bank Company, Ltd., Class A | 110,800 | 64,195 |
| Chongqing Zhifei Biological Products Company, Ltd., Class A | 16,800 | 220,221 |
| CIFI Ever Sunshine Services Group, Ltd. (A) | 136,000 | 157,577 |
| CIFI Holdings Group Company, Ltd. | 620,700 | 269,213 |
| CITIC Securities Company, Ltd., Class A | 134,900 | 400,007 |
| CITIC Securities Company, Ltd., H Shares | 462,800 | 1,001,662 |
| CITIC, Ltd. | 1,036,933 | 1,162,928 |
| CNGR Advanced Material Company, Ltd., Class A | 4,200 | 66,253 |
| CNNC Hua Yuan Titanium Dioxide Company, Ltd., Class A | 31,755 | 36,920 |
| Contemporary Amperex Technology Company, Ltd., Class A | 24,600 | 1,502,016 |
| COSCO SHIPPING Development Company, Ltd., Class A | 104,400 | 49,604 |
| COSCO SHIPPING Energy Transportation Company, Ltd., Class A | 30,500 | 46,545 |
| COSCO SHIPPING Holdings Company, Ltd., Class A (B) | 134,500 | 308,414 |
| COSCO SHIPPING Holdings Company, Ltd., H Shares (B) | 588,889 | 1,041,988 |
| Country Garden Holdings Company, Ltd. (A) | 1,434,467 | 896,914 |
| Country Garden Services Holdings Company, Ltd. | 354,400 | 1,401,377 |
| CRRC Corp., Ltd., Class A | 253,700 | 192,649 |
| CRRC Corp., Ltd., H Shares | 785,000 | 314,881 |
| CSC Financial Company, Ltd., Class A | 47,300 | 159,035 |
| CSPC Pharmaceutical Group, Ltd. | 1,571,888 | 1,679,523 |
| Daan Gene Company, Ltd., Class A | 13,900 | 36,695 |
| Dada Nexus, Ltd., ADR (B) | 10,000 | 75,500 |
| Dali Foods Group Company, Ltd. (C) | 351,800 | 177,178 |
| Daqin Railway Company, Ltd., Class A | 172,300 | 173,429 |
| Daqo New Energy Corp., ADR (B) | 10,400 | 508,560 |
| DaShenLin Pharmaceutical Group Company, Ltd., Class A | 7,500 | 36,946 |
| DHC Software Company, Ltd., Class A | 21,300 | 18,892 |
| DiDi Global, Inc., ADR (A)(B) | 27,800 | 54,210 |
| Do-Fluoride New Materials Company, Ltd., Class A | 8,000 | 46,312 |
| Dong-E-E-Jiao Company, Ltd., Class A | 6,600 | 31,456 |
| Dongfang Electric Corp., Ltd., Class A | 29,800 | 62,249 |
| Dongfeng Motor Group Company, Ltd., H Shares | 480,980 | 377,737 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-----------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Dongxing Securities Company, Ltd., Class A | 51,000 | \$ 62,546 |
| Dongyue Group, Ltd. | 260,000 | 329,926 |
| East Money Information Company, Ltd., Class A | 131,880 | 446,889 |
| Ecovacs Robotics Company, Ltd., Class A | 4,900 | 85,744 |
| ENN Energy Holdings, Ltd. | 138,900 | 2,125,175 |
| ENN Natural Gas Company, Ltd., Class A | 23,800 | 65,293 |
| Eve Energy Company, Ltd., Class A (B) | 20,000 | 240,534 |
| Everbright Securities Company, Ltd., Class A | 45,800 | 79,366 |
| Fangda Carbon New Material Company, Ltd., Class A | 39,400 | 41,639 |
| FAW Jiefang Group Company, Ltd., Class A | 21,500 | 28,895 |
| Fiberhome Telecommunication Technologies Company, Ltd., Class A | 7,800 | 16,529 |
| First Capital Securities Company, Ltd., Class A | 50,200 | 42,247 |
| Flat Glass Group Company, Ltd., Class A | 14,400 | 94,789 |
| Flat Glass Group Company, Ltd., H Shares (B) | 72,000 | 299,292 |
| Focus Media Information Technology Company, Ltd., Class A | 151,600 | 145,705 |
| Foshan Haitian Flavouring & Food Company, Ltd., Class A | 40,570 | 465,505 |
| Fosun International, Ltd. | 442,000 | 448,164 |
| Founder Securities Company, Ltd., Class A | 100,300 | 94,220 |
| Foxconn Industrial Internet Company, Ltd., Class A | 90,900 | 128,276 |
| Fujian Sunner Development Company, Ltd., Class A | 11,600 | 30,557 |
| Fuyao Glass Industry Group Company, Ltd., Class A | 21,600 | 129,673 |
| Fuyao Glass Industry Group Company, Ltd., H Shares (C) | 105,200 | 508,830 |
| Ganfeng Lithium Company, Ltd., Class A | 12,200 | 217,268 |
| Ganfeng Lithium Company, Ltd., H Shares (C) | 45,200 | 579,354 |
| G-bits Network Technology Xiamen Company, Ltd., Class A | 700 | 33,938 |
| GCL System Integration Technology Company, Ltd., Class A (B) | 54,700 | 26,500 |
| GD Power Development Company, Ltd., Class A | 177,100 | 95,602 |
| GDS Holdings, Ltd., ADR (A)(B) | 15,500 | 433,845 |
| GEM Company, Ltd., Class A | 46,100 | 50,834 |
| Gemdale Corp., Class A | 50,000 | 89,070 |
| Genscript Biotech Corp. (B) | 201,400 | 595,972 |
| GF Securities Company, Ltd., Class A | 65,700 | 168,277 |
| GF Securities Company, Ltd., H Shares | 200,800 | 265,248 |
| Giant Network Group Company, Ltd., Class A | 20,300 | 26,728 |
| Gigadevice Semiconductor Beijing, Inc., Class A | 7,000 | 150,384 |
| Giulong Technologies Company, Ltd., Class A | 3,900 | 98,802 |
| GoerTek, Inc., Class A | 35,900 | 218,745 |
| GOME Retail Holdings, Ltd. (B) | 1,975,741 | 98,221 |
| Gotion High-tech Company, Ltd., Class A (B) | 17,600 | 97,149 |
| Great Wall Motor Company, Ltd., Class A | 23,700 | 117,910 |
| Great Wall Motor Company, Ltd., H Shares | 545,150 | 979,820 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Gree Electric Appliances, Inc. of Zhuhai, Class A | 33,900 | \$ 163,346 |
| Greenland Holdings Corp., Ltd., Class A | 95,100 | 54,717 |
| Greentown China Holdings, Ltd. | 151,500 | 262,303 |
| Greentown Service Group Company, Ltd. | 251,000 | 252,465 |
| GRG Banking Equipment Company, Ltd., Class A | 22,900 | 30,637 |
| Guangdong Haid Group Company, Ltd., Class A | 17,300 | 155,279 |
| Guangdong Kinlong Hardware Products Company, Ltd., Class A | 3,400 | 42,805 |
| Guanghui Energy Company, Ltd., Class A | 70,200 | 110,511 |
| Guangzhou Automobile Group Company, Ltd., H Shares | 516,426 | 488,414 |
| Guangzhou Baiyunshan Pharmaceutical Holdings Company, Ltd., Class A | 14,400 | 66,923 |
| Guangzhou Haige Communications Group, Inc. Company, Class A | 21,300 | 29,939 |
| Guangzhou Kingmed Diagnostics Group Company, Ltd., Class A | 4,800 | 54,670 |
| Guangzhou R&F Properties Company, Ltd., H Shares | 305,400 | 108,297 |
| Guangzhou Shiyuan Electronic Technology Company, Ltd., Class A | 6,800 | 71,500 |
| Guangzhou Tinci Materials Technology Company, Ltd., Class A | 19,900 | 113,199 |
| Guangzhou Yuexiu Financial Holdings Group Company, Ltd., Class A | 34,400 | 40,218 |
| Guolian Securities Company, Ltd., Class A | 22,700 | 35,002 |
| Guosen Securities Company, Ltd., Class A | 78,700 | 107,682 |
| Guotai Junan Securities Company, Ltd., Class A | 91,000 | 197,546 |
| Guoyuan Securities Company, Ltd., Class A | 64,400 | 55,705 |
| Haidilao International Holding, Ltd. (A)(C) | 195,000 | 386,779 |
| Haier Smart Home Company, Ltd., Class A | 67,400 | 256,415 |
| Haier Smart Home Company, Ltd., H Shares | 394,640 | 1,403,077 |
| Haitian International Holdings, Ltd. | 112,600 | 288,836 |
| Haitong Securities Company, Ltd., Class A | 114,500 | 156,701 |
| Haitong Securities Company, Ltd., H Shares | 488,800 | 346,178 |
| Hang Zhou Great Star Industrial Company, Ltd., Class A (B) | 12,200 | 30,774 |
| Hangzhou First Applied Material Company, Ltd., Class A | 14,220 | 168,453 |
| Hangzhou Oxygen Plant Group Company, Ltd., Class A | 10,000 | 46,312 |
| Hangzhou Robam Appliances Company, Ltd., Class A (B) | 10,100 | 46,249 |
| Hangzhou Silan Microelectronics Company, Ltd., Class A | 14,800 | 99,726 |
| Hangzhou Tigermed Consulting Company, Ltd., A Shares | 4,200 | 54,081 |
| Hangzhou Tigermed Consulting Company, Ltd., H Shares (C) | 21,500 | 207,285 |
| Hansoh Pharmaceutical Group Company, Ltd. (C) | 206,000 | 370,566 |
| Hefei Meiya Optoelectronic Technology, Inc., Class A | 8,170 | 22,948 |
| Heilongjiang Agriculture Company, Ltd., Class A | 17,800 | 44,989 |
| Hello Group, Inc., ADR | 27,500 | 167,200 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Henan Shuanghui Investment & Development Company, Ltd., Class A | 30,700 | \$ 130,459 |
| Hengan International Group Company, Ltd. | 112,700 | 558,027 |
| Hengli Petrochemical Company, Ltd., Class A | 62,400 | 220,318 |
| Hengtong Optic-electric Company, Ltd., Class A | 25,300 | 46,503 |
| Hengyi Petrochemical Company, Ltd., Class A | 36,700 | 58,710 |
| Hesteel Company, Ltd., Class A | 107,400 | 37,859 |
| Hithink RoyalFlush Information Network Company, Ltd., Class A | 5,900 | 75,394 |
| Hongfa Technology Company, Ltd., Class A (B) | 8,000 | 63,418 |
| Hoshine Silicon Industry Company, Ltd., Class A (B) | 4,600 | 64,074 |
| Hua Hong Semiconductor, Ltd. (B)(C) | 91,100 | 346,097 |
| Huadian Power International Corp., Ltd., Class A | 66,100 | 39,027 |
| Huadong Medicine Company, Ltd., Class A | 18,500 | 107,434 |
| Huafon Chemical Company, Ltd., Class A | 53,200 | 65,897 |
| Huagong Tech Company, Ltd., Class A | 8,700 | 26,650 |
| Hualan Biological Engineering, Inc., Class A | 19,100 | 53,622 |
| Huaneng Power International, Inc., Class A | 76,600 | 84,745 |
| Huaneng Power International, Inc., H Shares | 615,564 | 312,469 |
| Huatai Securities Company, Ltd., Class A | 84,100 | 167,851 |
| Huatai Securities Company, Ltd., H Shares (C) | 278,800 | 390,202 |
| Huaxi Securities Company, Ltd., Class A | 39,800 | 42,061 |
| Huaxia Bank Company, Ltd., Class A | 144,700 | 115,587 |
| Huaxin Cement Company, Ltd., Class A | 14,800 | 44,010 |
| Huayu Automotive Systems Company, Ltd., Class A | 34,000 | 112,377 |
| Huazhu Group, Ltd., ADR | 31,400 | 1,020,500 |
| Hubei Xingfa Chemicals Group Company, Ltd., Class A | 12,100 | 67,950 |
| Huizhou Desay Sv Automotive Company, Ltd., Class A | 4,700 | 89,368 |
| Humanwell Healthcare Group Company, Ltd., Class A | 17,200 | 43,072 |
| Hunan Valin Steel Company, Ltd., Class A | 78,100 | 62,664 |
| Hundsun Technologies, Inc., Class A | 14,200 | 85,276 |
| Hygeia Healthcare Holdings Company, Ltd. (C) | 59,400 | 329,742 |
| Iflytek Company, Ltd., Class A | 23,100 | 125,835 |
| I-Mab, ADR (B) | 6,800 | 59,160 |
| Imeik Technology Development Company, Ltd., Class A | 2,300 | 186,175 |
| Industrial & Commercial Bank of China, Ltd., Class A | 683,400 | 478,278 |
| Industrial & Commercial Bank of China, Ltd., H Shares | 9,918,423 | 5,939,358 |
| Industrial Bank Company, Ltd., Class A | 220,400 | 649,360 |
| Industrial Securities Company, Ltd., Class A | 82,600 | 76,596 |
| Ingenic Semiconductor Company, Ltd., Class A (B) | 4,900 | 68,328 |
| Inner Mongolia BaoTou Steel Union Company, Ltd., Class A | 473,800 | 142,547 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|-----------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Inner Mongolia Junzheng Energy & Chemical Industry Group Company, Ltd., Class A | 89,700 | \$ 58,208 |
| Inner Mongolia Yili Industrial Group Company, Ltd., Class A | 67,300 | 383,359 |
| Inner Mongolia Yuan Xing Energy Company, Ltd., Class A | 40,700 | 61,000 |
| Innovent Biologics, Inc. (A)(B)(C) | 203,500 | 630,250 |
| Inspur Electronic Information Industry Company, Ltd., Class A | 14,400 | 53,171 |
| Intco Medical Technology Company, Ltd., Class A (B) | 6,100 | 25,182 |
| iQIYI, Inc., ADR (A)(B) | 59,500 | 243,950 |
| JA Solar Technology Company, Ltd., Class A | 16,900 | 236,799 |
| Jafron Biomedical Company, Ltd., Class A (B) | 8,000 | 52,743 |
| Jason Furniture Hangzhou Company, Ltd., Class A | 6,300 | 60,316 |
| JCET Group Company, Ltd., Class A | 17,800 | 64,491 |
| JD Health International, Inc. (B)(C) | 60,700 | 385,281 |
| JD.com, Inc., Class A | 351,737 | 9,880,422 |
| Jiangsu Eastern Shenghong Company, Ltd., Class A | 42,300 | 98,870 |
| Jiangsu Expressway Company, Ltd., H Shares | 212,955 | 219,784 |
| Jiangsu Hengli Hydraulic Company, Ltd., Class A | 13,600 | 108,765 |
| Jiangsu Hengrui Medicine Company, Ltd., Class A | 67,200 | 305,065 |
| Jiangsu King's Luck Brewery JSC, Ltd., Class A | 13,000 | 89,598 |
| Jiangsu Yanghe Brewery Joint-Stock Company, Ltd., Class A | 15,900 | 393,003 |
| Jiangsu Yangnong Chemical Company, Ltd., Class A | 3,000 | 66,361 |
| Jiangsu Yoke Technology Company, Ltd., Class A | 4,800 | 35,124 |
| Jiangsu Yuyue Medical Equipment & Supply Company, Ltd., Class A | 10,200 | 36,590 |
| Jiangsu Zhongtian Technology Company, Ltd., Class A (B) | 33,100 | 91,107 |
| Jiangxi Copper Company, Ltd., Class A | 21,400 | 57,868 |
| Jiangxi Copper Company, Ltd., H Shares | 191,225 | 309,474 |
| Jiangxi Zhengbang Technology Company, Ltd., Class A | 24,100 | 22,484 |
| Jinke Properties Group Company, Ltd., Class A | 62,000 | 29,177 |
| Jinxin Fertility Group, Ltd. (B)(C) | 220,500 | 172,987 |
| JiuGui Liquor Company, Ltd., Class A | 3,400 | 79,953 |
| Jiumaojiu International Holdings, Ltd. (A)(C) | 126,000 | 295,334 |
| Joincare Pharmaceutical Group Industry Company, Ltd., Class A | 18,300 | 32,657 |
| Joinn Laboratories China Company, Ltd., Class A | 3,400 | 54,245 |
| Jointown Pharmaceutical Group Company, Ltd., Class A | 19,400 | 34,457 |
| Jonjee Hi-Tech Industrial And Commercial Holding Company, Ltd., Class A (B) | 8,700 | 34,049 |
| Juewei Food Company, Ltd., Class A (B) | 6,600 | 51,140 |
| Kanzhun, Ltd., ADR (B) | 14,800 | 299,256 |
| KE Holdings, Inc., ADR (B) | 62,900 | 842,860 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Kingdee International Software Group Company, Ltd. (B) | 453,800 | \$ 893,658 |
| Kingfa Sci & Tech Company, Ltd., Class A | 25,200 | 33,776 |
| Kingsoft Cloud Holdings, Ltd., ADR (B) | 18,300 | 88,206 |
| Kingsoft Corp., Ltd. | 167,600 | 561,094 |
| Kuaishou Technology (B)(C) | 83,200 | 805,560 |
| Kuang-Chi Technologies Company, Ltd., Class A (B) | 23,400 | 54,842 |
| Kunlun Tech Company, Ltd., Class A | 12,500 | 27,653 |
| Kweichow Moutai Company, Ltd., Class A | 13,200 | 3,567,825 |
| KWG Group Holdings, Ltd. | 236,000 | 74,092 |
| Lakala Payment Company, Ltd., Class A (B) | 6,200 | 16,910 |
| Laobaixing Pharmacy Chain JSC, Class A | 4,100 | 24,755 |
| LB Group Company, Ltd., Class A | 26,100 | 74,250 |
| Lenovo Group, Ltd. | 1,267,764 | 1,249,140 |
| Lens Technology Company, Ltd., Class A | 51,700 | 81,762 |
| Lepu Medical Technology Beijing Company, Ltd., Class A | 18,300 | 48,510 |
| Leyard Optoelectronic Company, Ltd., Class A | 24,000 | 22,365 |
| Li Auto, Inc., ADR (B) | 97,400 | 2,441,818 |
| Li Ning Company, Ltd. | 412,500 | 3,218,398 |
| Lingyi iTech Guangdong Company, Class A (B) | 65,600 | 46,880 |
| Livzon Pharmaceutical Group, Inc., Class A | 6,700 | 33,277 |
| Logan Group Company, Ltd. (A)(D) | 246,500 | 51,359 |
| Longfor Group Holdings, Ltd. (C) | 319,700 | 1,590,893 |
| LONGi Green Energy Technology Company, Ltd., Class A | 57,100 | 674,498 |
| Lufax Holding, Ltd., ADR | 107,600 | 676,804 |
| Luoyang Xinqianglian Slewing Bearing Company, Ltd., Class A | 2,890 | 36,369 |
| Luxi Chemical Group Company, Ltd., Class A (B) | 20,900 | 60,395 |
| Luxshare Precision Industry Company, Ltd., Class A | 74,300 | 376,532 |
| Luzhou Laojiao Company, Ltd., Class A | 15,500 | 498,283 |
| Mango Excellent Media Company, Ltd., Class A | 19,500 | 105,805 |
| Maxscend Microelectronics Company, Ltd., Class A (B) | 3,400 | 98,782 |
| Meinian Onehealth Healthcare Holdings Company, Ltd., Class A (B) | 36,400 | 27,920 |
| Meituan, Class B (B)(C) | 718,100 | 16,850,295 |
| Metallurgical Corp. of China, Ltd., Class A | 195,700 | 103,603 |
| Mianyang Fulin Precision Company, Ltd., Class A (B) | 12,600 | 27,894 |
| Microport Scientific Corp. | 109,300 | 216,473 |
| Ming Yang Smart Energy Group, Ltd., Class A | 22,200 | 84,539 |
| Ming Yuan Cloud Group Holdings, Ltd. (B) | 99,000 | 122,194 |
| Minth Group, Ltd. | 132,000 | 341,812 |
| Montage Technology Company, Ltd., Class A | 11,744 | 113,213 |
| Muyuan Foods Company, Ltd., Class A | 55,300 | 424,465 |
| Nanjing King-Friend Biochemical Pharmaceutical Company, Ltd., Class A | 12,100 | 50,096 |
| Nanjing Securities Company, Ltd., Class A | 45,600 | 51,946 |
| NARI Technology Company, Ltd., Class A | 58,700 | 301,166 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-----------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| National Silicon Industry Group Company, Ltd., Class A (B) | 22,589 | \$ 75,553 |
| NAURA Technology Group Company, Ltd., Class A | 5,500 | 222,068 |
| NavInfo Company, Ltd., Class A | 23,000 | 45,369 |
| NetEase, Inc. | 363,500 | 7,602,210 |
| New China Life Insurance Company, Ltd., Class A | 24,700 | 104,332 |
| New China Life Insurance Company, Ltd., H Shares | 162,100 | 424,126 |
| New Hope Liuhe Company, Ltd., Class A (B) | 44,700 | 95,678 |
| New Oriental Education & Technology Group, Inc., ADR (B) | 26,760 | 349,486 |
| Ninestar Corp., Class A | 14,100 | 92,610 |
| Ningbo Joyson Electronic Corp., Class A | 11,200 | 20,416 |
| Ningbo Ronbay New Energy Technology Company, Ltd., Class A | 4,687 | 64,820 |
| Ningbo Shanshan Company, Ltd., Class A | 23,000 | 78,422 |
| Ningbo Tuopu Group Company, Ltd., Class A (B) | 11,500 | 100,921 |
| Ningxia Baofeng Energy Group Company, Ltd., Class A | 64,400 | 150,098 |
| NIO, Inc., ADR (B) | 230,600 | 4,010,134 |
| Noah Holdings, Ltd., ADR (B) | 6,800 | 124,848 |
| Nongfu Spring Company, Ltd., H Shares (A)(C) | 308,600 | 1,718,173 |
| North Industries Group Red Arrow Company, Ltd., Class A (B) | 16,100 | 60,019 |
| Northeast Securities Company, Ltd., Class A | 43,300 | 41,772 |
| Offshore Oil Engineering Company, Ltd., Class A | 32,400 | 21,565 |
| OFILM Group Company, Ltd., Class A (B) | 22,200 | 19,056 |
| Oppein Home Group, Inc., Class A | 5,300 | 95,225 |
| Orient Securities Company, Ltd., Class A | 87,500 | 122,271 |
| Ovctek China, Inc., Class A | 8,900 | 61,390 |
| Pangang Group Vanadium Titanium & Resources Company, Ltd., Class A (B) | 81,200 | 40,686 |
| Perfect World Company, Ltd., Class A | 20,800 | 42,443 |
| PetroChina Company, Ltd., Class A | 224,200 | 188,202 |
| PetroChina Company, Ltd., H Shares | 3,709,939 | 1,953,647 |
| PharmaBlock Sciences Nanjing, Inc., Class A (B) | 2,100 | 26,059 |
| Pharmaron Beijing Company, Ltd., Class A | 7,100 | 127,026 |
| Pharmaron Beijing Company, Ltd., H Shares (C) | 23,300 | 280,998 |
| PICC Property & Casualty Company, Ltd., H Shares | 1,234,798 | 1,195,726 |
| Pinduoduo, Inc., ADR (B) | 77,000 | 3,876,950 |
| Ping An Bank Company, Ltd., Class A (B) | 203,400 | 431,301 |
| Ping An Healthcare and Technology Company, Ltd. (A)(B)(C) | 79,300 | 213,245 |
| Ping An Insurance Group Company of China, Ltd., Class A | 116,000 | 768,259 |
| Ping An Insurance Group Company of China, Ltd., H Shares | 1,113,410 | 7,128,974 |
| Poly Developments and Holdings Group Company, Ltd., Class A | 128,800 | 299,295 |
| Postal Savings Bank of China Company, Ltd., Class A | 288,900 | 227,913 |
| Postal Savings Bank of China Company, Ltd., H Shares (A)(C) | 1,404,300 | 1,043,014 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Power Construction Corp. of China, Ltd., Class A | 164,000 | \$ 191,806 |
| Powerlong Real Estate Holdings, Ltd. | 262,000 | 70,380 |
| Proya Cosmetics Company, Ltd., Class A | 900 | 20,949 |
| Qingdao Rural Commercial Bank Corp., Class A | 65,800 | 32,055 |
| Raytron Technology Company, Ltd., Class A | 3,852 | 22,577 |
| RiseSun Real Estate Development Company, Ltd., Class A | 44,200 | 20,464 |
| Riyue Heavy Industry Company, Ltd., Class A | 10,500 | 33,782 |
| RLX Technology, Inc., ADR (B) | 95,100 | 188,298 |
| Rongsheng Petrochemical Company, Ltd., Class A | 106,700 | 255,232 |
| SAIC Motor Corp., Ltd., Class A | 84,000 | 216,437 |
| Sailun Group Company, Ltd., Class A | 31,600 | 53,086 |
| Sangfor Technologies, Inc., Class A | 4,100 | 58,012 |
| Sany Heavy Equipment International Holdings Company, Ltd. | 189,000 | 190,210 |
| Sany Heavy Industry Company, Ltd., Class A | 91,000 | 230,903 |
| Satellite Chemical Company, Ltd., Class A | 17,900 | 105,671 |
| SDIC Capital Company, Ltd., Class A | 82,300 | 75,826 |
| SDIC Power Holdings Company, Ltd., Class A | 75,200 | 116,673 |
| Sealand Securities Company, Ltd., Class A | 74,300 | 38,342 |
| Seazen Group, Ltd. (B) | 348,800 | 147,775 |
| Seazen Holdings Company, Ltd., Class A | 25,200 | 91,746 |
| SF Holding Company, Ltd., Class A (B) | 51,500 | 400,512 |
| SG Micro Corp., Class A | 2,400 | 103,500 |
| Shaanxi Coal Industry Company, Ltd., Class A | 101,900 | 289,902 |
| Shandong Buchang Pharmaceuticals Company, Ltd., Class A | 12,800 | 37,422 |
| Shandong Gold Mining Company, Ltd., Class A | 35,800 | 98,317 |
| Shandong Gold Mining Company, Ltd., H Shares (C) | 109,000 | 192,948 |
| Shandong Hualu Hengsheng Chemical Company, Ltd., Class A (B) | 21,200 | 94,779 |
| Shandong Linglong Tyre Company, Ltd., Class A | 15,500 | 49,442 |
| Shandong Nanshan Aluminum Company, Ltd., Class A | 124,200 | 65,905 |
| Shandong Sun Paper Industry JSC, Ltd., Class A | 26,200 | 47,616 |
| Shandong Weigao Group Medical Polymer Company, Ltd., H Shares | 436,800 | 484,564 |
| Shanghai Bairun Investment Holding Group Company, Ltd., Class A | 7,900 | 41,940 |
| Shanghai Baosight Software Company, Ltd., Class A | 11,500 | 89,886 |
| Shanghai Baosight Software Company, Ltd., Class B | 67,500 | 263,731 |
| Shanghai Construction Group Company, Ltd., Class A | 98,300 | 46,269 |
| Shanghai Electric Group Company, Ltd., Class A | 117,200 | 71,505 |
| Shanghai Fosun Pharmaceutical Group Company, Ltd., Class A | 21,900 | 143,945 |
| Shanghai Fosun Pharmaceutical Group Company, Ltd., H Shares | 87,100 | 366,542 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-----------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Shanghai Friendess Electronic Technology Corp., Ltd., Class A | 840 | \$ 26,284 |
| Shanghai International Airport Company, Ltd., Class A (B) | 10,100 | 76,279 |
| Shanghai International Port Group Company, Ltd., Class A | 101,300 | 94,884 |
| Shanghai Jahwa United Company, Ltd., Class A | 6,900 | 35,843 |
| Shanghai Jinjiang International Hotels Company, Ltd., Class A | 9,900 | 80,069 |
| Shanghai Junshi Biosciences Company, Ltd., Class A (B) | 7,163 | 90,832 |
| Shanghai Lingang Holdings Corp., Ltd., Class A | 8,300 | 17,629 |
| Shanghai Lujiazui Finance & Trade Zone Development Company, Ltd., B Shares (B) | 178,980 | 166,258 |
| Shanghai M&G Stationery, Inc., Class A | 9,400 | 72,976 |
| Shanghai Medicilon, Inc., Class A | 649 | 35,697 |
| Shanghai Pharmaceuticals Holding Company, Ltd., Class A | 30,300 | 81,812 |
| Shanghai Pharmaceuticals Holding Company, Ltd., H Shares | 136,900 | 222,897 |
| Shanghai Pudong Development Bank Company, Ltd., Class A | 316,600 | 377,322 |
| Shanghai Putailai New Energy Technology Company, Ltd., Class A (B) | 7,300 | 140,652 |
| Shanghai RAAS Blood Products Company, Ltd., Class A | 59,000 | 49,863 |
| Shanghai Yuyuan Tourist Mart Group Company, Ltd., Class A | 41,000 | 61,458 |
| Shanghai Zhangjiang High-Tech Park Development Company, Ltd., Class A | 9,700 | 18,008 |
| Shanxi Coking Coal Energy Group Company, Ltd., Class A | 43,000 | 92,030 |
| Shanxi Lu'an Environmental Energy Development Company, Ltd., Class A | 31,400 | 74,943 |
| Shanxi Meijin Energy Company, Ltd., Class A | 43,900 | 76,098 |
| Shanxi Securities Company, Ltd., Class A | 50,300 | 39,055 |
| Shanxi Taigang Stainless Steel Company, Ltd., Class A | 61,500 | 53,199 |
| Shanxi Xinghuacun Fen Wine Factory Company, Ltd., Class A | 12,800 | 521,707 |
| Shenghe Resources Holding Company, Ltd., Class A | 17,600 | 46,582 |
| Shengyi Technology Company, Ltd., Class A | 23,100 | 56,265 |
| Shennan Circuits Company, Ltd., Class A | 5,000 | 68,992 |
| Shenwan Hongyuan Group Company, Ltd., Class A | 249,600 | 151,558 |
| Shenzhen Capchem Technology Company, Ltd., Class A | 7,640 | 45,933 |
| Shenzhen Energy Group Company, Ltd., Class A | 39,100 | 37,033 |
| Shenzhen Goodix Technology Company, Ltd., Class A | 4,300 | 37,172 |
| Shenzhen Inovance Technology Company, Ltd., Class A | 27,500 | 252,005 |
| Shenzhen Kaifa Technology Company, Ltd., Class A | 11,200 | 18,419 |
| Shenzhen Kangtai Biological Products Company, Ltd., Class A | 7,200 | 67,380 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|-----------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Shenzhen Kedali Industry Company, Ltd., Class A | 2,400 | \$ 48,340 |
| Shenzhen Mindray Bio-Medical Electronics Company, Ltd., Class A | 12,800 | 579,635 |
| Shenzhen MTC Company, Ltd., Class A (B) | 32,400 | 19,334 |
| Shenzhen New Industries Biomedical Engineering Company, Ltd., Class A (B) | 6,600 | 40,208 |
| Shenzhen Overseas Chinese Town Company, Ltd., Class A | 89,800 | 77,088 |
| Shenzhen Salubris Pharmaceuticals Company, Ltd., Class A | 10,500 | 40,658 |
| Shenzhen SC New Energy Technology Corp., Class A | 3,700 | 39,211 |
| Shenzhen Senior Technology Material Company, Ltd., Class A | 12,385 | 44,358 |
| Shenzhen Sunlord Electronics Company, Ltd., Class A | 7,900 | 31,233 |
| Shenzhen Sunway Communication Company, Ltd., Class A | 9,300 | 21,585 |
| Shenzhen Transsion Holdings Company, Ltd., Class A | 6,973 | 91,778 |
| Shenzhou International Group Holdings, Ltd. | 145,200 | 1,993,427 |
| Shijiazhuang Yiling Pharmaceutical Company, Ltd., Class A | 18,200 | 59,676 |
| Shimao Services Holdings, Ltd. (B)(C)(D) | 176,000 | 70,649 |
| Sichuan Chuantou Energy Company, Ltd., Class A | 37,200 | 67,204 |
| Sichuan Hebang Biotechnology Company, Ltd., Class A | 95,300 | 48,591 |
| Sichuan Kelun Pharmaceutical Company, Ltd., Class A | 13,500 | 36,047 |
| Sichuan New Energy Power Company, Ltd. (B) | 13,100 | 39,587 |
| Sichuan Road & Bridge Company, Ltd., Class A | 51,400 | 81,938 |
| Sichuan Swellfun Company, Ltd., Class A | 5,000 | 56,691 |
| Sichuan Yahua Industrial Group Company, Ltd., Class A | 11,800 | 50,303 |
| Sieyuan Electric Company, Ltd., Class A | 7,900 | 43,227 |
| Silergy Corp. | 13,000 | 1,335,990 |
| Sinolink Securities Company, Ltd., Class A | 49,500 | 60,871 |
| Sinoma Science & Technology Company, Ltd., Class A | 18,000 | 60,719 |
| Sinopec Shanghai Petrochemical Company, Ltd., Class A | 55,400 | 27,905 |
| Sinopharm Group Company, Ltd., H Shares | 236,600 | 585,214 |
| Sinotrans, Ltd., Class A | 46,200 | 27,434 |
| Sinotruk Hong Kong, Ltd. | 123,600 | 175,298 |
| Skshu Paint Company, Ltd., Class A | 3,900 | 54,420 |
| Smoores International Holdings, Ltd. (C) | 315,000 | 770,415 |
| Songcheng Performance Development Company, Ltd., Class A | 28,800 | 55,205 |
| SooChow Securities Company, Ltd., Class A | 60,700 | 58,829 |
| Southwest Securities Company, Ltd., Class A | 90,500 | 50,602 |
| StarPower Semiconductor, Ltd., Class A | 1,800 | 102,550 |
| Sunac China Holdings, Ltd. (D) | 599,000 | 314,644 |
| Sunac Services Holdings, Ltd. (C) | 190,000 | 102,302 |
| Sungrow Power Supply Company, Ltd., Class A (B) | 15,500 | 185,670 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Sunny Optical Technology Group Company, Ltd. | 125,050 | \$ 1,973,506 |
| Sunwoda Electronic Company, Ltd., Class A | 18,400 | 73,759 |
| Suzhou Dongshan Precision Manufacturing Company, Ltd., Class A | 18,000 | 50,799 |
| Suzhou Maxwell Technologies Company, Ltd., Class A | 1,840 | 103,795 |
| Suzhou TA&A Ultra Clean Technology Company, Ltd., Class A | 6,100 | 55,136 |
| TAL Education Group, ADR (B) | 73,762 | 302,424 |
| TBEA Company, Ltd., Class A | 40,800 | 137,435 |
| TCL Technology Group Corp., Class A | 143,900 | 97,924 |
| Tencent Holdings, Ltd. | 1,011,212 | 46,230,972 |
| Tencent Music Entertainment Group, ADR (B) | 117,900 | 492,822 |
| The People's Insurance Company Group of China, Ltd., Class A | 77,100 | 54,123 |
| The People's Insurance Company Group of China, Ltd., H Shares | 1,496,100 | 470,670 |
| Thunder Software Technology Company, Ltd., Class A | 4,400 | 72,427 |
| Tianfeng Securities Company, Ltd., Class A | 115,900 | 52,851 |
| Tianjin 712 Communication & Broadcasting Company, Ltd., Class A | 7,400 | 30,474 |
| Tianjin Zhonghuan Semiconductor Company, Ltd., Class A | 33,800 | 220,392 |
| Tianma Microelectronics Company, Ltd., Class A | 10,200 | 14,423 |
| Tianshan Aluminum Group Company, Ltd., Class A | 46,700 | 50,328 |
| Tianshui Huatian Technology Company, Ltd., Class A | 28,700 | 37,108 |
| Tibet Summit Resources Company, Ltd., Class A (B) | 9,100 | 31,406 |
| Tingyi Cayman Islands Holding Corp. | 343,800 | 607,769 |
| Titan Wind Energy Suzhou Company, Ltd., Class A | 19,500 | 39,957 |
| Toly Bread Company, Ltd., Class A | 12,840 | 29,416 |
| Tongcheng Travel Holdings, Ltd. (B) | 174,800 | 335,133 |
| TongFu Microelectronics Company, Ltd., Class A | 10,800 | 22,588 |
| Tongkun Group Company, Ltd., Class A | 27,200 | 69,726 |
| Tongling Nonferrous Metals Group Company, Ltd., Class A | 106,200 | 51,276 |
| Tongwei Company, Ltd., Class A | 47,500 | 320,909 |
| Topchoice Medical Corp., Class A (B) | 3,400 | 71,231 |
| Topsec Technologies Group, Inc., Class A | 9,600 | 13,320 |
| Topsports International Holdings, Ltd. (C) | 267,000 | 197,337 |
| Transfar Zhilian Company, Ltd., Class A | 33,700 | 31,850 |
| TravelSky Technology, Ltd., H Shares | 160,400 | 260,889 |
| Trina Solar Company, Ltd., Class A (B) | 18,325 | 174,961 |
| Trip.com Group, Ltd., ADR (B) | 89,700 | 1,978,782 |
| Tsingtao Brewery Company, Ltd., Class A | 7,800 | 108,340 |
| Tsingtao Brewery Company, Ltd., H Shares | 96,700 | 833,958 |
| Unigroup Guoxin Microelectronics Company, Ltd., Class A (B) | 6,300 | 167,664 |
| Uni-President China Holdings, Ltd. | 224,900 | 181,296 |
| Unisplendour Corp., Ltd., Class A | 29,500 | 78,699 |
| Universal Scientific Industrial Shanghai Company, Ltd., Class A | 13,400 | 25,154 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-----------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Venus MedTech Hangzhou, Inc., H Shares (B)(C) | 37,000 | \$ 63,773 |
| Vipshop Holdings, Ltd., ADR (B) | 79,300 | 737,490 |
| Walvax Biotechnology Company, Ltd., Class A | 16,800 | 117,144 |
| Wanhua Chemical Group Company, Ltd., Class A | 33,200 | 418,343 |
| Want Want China Holdings, Ltd. | 833,412 | 829,378 |
| Weibo Corp., ADR (B) | 11,080 | 243,760 |
| Weichai Power Company, Ltd., Class A | 74,700 | 135,305 |
| Weichai Power Company, Ltd., H Shares | 338,980 | 522,788 |
| Weihai Guangwei Composites Company, Ltd., Class A | 5,100 | 42,073 |
| Weimob, Inc. (B)(C) | 331,000 | 199,313 |
| Wens Foodstuffs Group Company, Ltd., Class A | 65,400 | 177,384 |
| Western Securities Company, Ltd., Class A | 52,800 | 48,945 |
| Western Superconducting Technologies Company, Ltd., Class A | 4,665 | 64,906 |
| Westone Information Industry, Inc., Class A | 9,100 | 48,683 |
| Will Semiconductor Company, Ltd., Class A | 9,200 | 225,936 |
| Wingtech Technology Company, Ltd., Class A | 13,100 | 124,676 |
| Winning Health Technology Group Company, Ltd., Class A | 18,800 | 23,768 |
| Wuchan Zhongda Group Company, Ltd., Class A | 58,100 | 44,253 |
| Wuhan Guide Infrared Company, Ltd., Class A | 31,360 | 54,620 |
| Wuhu Token Science Company, Ltd., Class A | 26,100 | 26,987 |
| Wuliangye Yibin Company, Ltd., Class A | 41,000 | 1,051,974 |
| WUS Printed Circuit Kunshan Company, Ltd., Class A | 19,200 | 45,329 |
| WuXi AppTec Company, Ltd., Class A | 27,500 | 392,471 |
| WuXi AppTec Company, Ltd., H Shares (C) | 61,529 | 760,443 |
| Wuxi Biologics Cayman, Inc. (B)(C) | 629,100 | 4,651,951 |
| Wuxi Lead Intelligent Equipment Company, Ltd., Class A | 8,300 | 60,070 |
| Wuxi Shangji Automation Company, Ltd., Class A | 2,900 | 64,974 |
| XCMG Construction Machinery Company, Ltd., Class A | 82,800 | 65,754 |
| Xiamen C & D, Inc., Class A | 33,500 | 66,834 |
| Xiamen Faratronic Company, Ltd., Class A | 2,400 | 62,931 |
| Xiamen Intretech, Inc., Class A | 6,600 | 19,165 |
| Xiamen Tungsten Company, Ltd., Class A | 14,000 | 41,106 |
| Xiaomi Corp., Class B (B)(C) | 2,500,700 | 3,859,042 |
| Xinjiang Goldwind Science & Technology Company, Ltd., Class A | 36,100 | 66,776 |
| Xinjiang Goldwind Science & Technology Company, Ltd., H Shares | 136,600 | 223,456 |
| Xinjiang Zhongtai Chemical Company, Ltd., Class A | 29,800 | 34,919 |
| Xinyi Solar Holdings, Ltd. | 859,000 | 1,524,725 |
| XPeng, Inc., ADR (B) | 68,500 | 1,609,750 |
| Yadea Group Holdings, Ltd. (C) | 208,000 | 337,683 |
| Yankuang Energy Group Company, Ltd., Class A | 26,700 | 154,595 |
| Yankuang Energy Group Company, Ltd., H Shares | 264,710 | 869,593 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|-----------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Yantai Eddie Precision Machinery Company, Ltd., Class A | 7,200 | \$ 19,871 |
| Yantai Jereh Oilfield Services Group Company, Ltd., Class A | 9,500 | 57,185 |
| Yealink Network Technology Corp., Ltd., Class A | 9,200 | 102,101 |
| Yifeng Pharmacy Chain Company, Ltd., Class A | 7,100 | 49,503 |
| Yihai International Holding, Ltd. (B) | 82,500 | 255,710 |
| Yihai Kerry Arawana Holdings Company, Ltd., Class A (B) | 15,500 | 105,492 |
| Yintai Gold Company, Ltd., Class A | 26,500 | 40,405 |
| Yonghui Superstores Company, Ltd., Class A | 85,000 | 55,938 |
| YongXing Special Materials Technology Company, Ltd., Class A | 4,200 | 75,442 |
| Yonyou Network Technology Company, Ltd., Class A | 34,400 | 99,636 |
| Youngor Group Company, Ltd., Class A | 54,500 | 57,541 |
| Youngy Company, Ltd., Class A (B) | 2,700 | 53,815 |
| YTO Express Group Company, Ltd., Class A | 36,200 | 110,540 |
| Yuan Longping High-tech Agriculture Company, Ltd., Class A (B) | 13,300 | 35,832 |
| Yum China Holdings, Inc. | 75,292 | 3,422,774 |
| Yunda Holding Company, Ltd., Class A | 29,500 | 80,180 |
| Yunnan Aluminium Company, Ltd., Class A (B) | 35,300 | 60,888 |
| Yunnan Baiyao Group Company, Ltd., Class A | 19,040 | 161,152 |
| Yunnan Energy New Material Company, Ltd., Class A | 9,400 | 306,202 |
| Yunnan Tin Company, Ltd., Class A | 16,700 | 42,215 |
| Zai Lab, Ltd., ADR (B) | 13,500 | 392,850 |
| Zhangzhou Pientzhuang Pharmaceutical Company, Ltd., Class A | 6,300 | 292,196 |
| Zhefu Holding Group Company, Ltd., Class A | 49,300 | 34,461 |
| Zhejiang Century Huatong Group Company, Ltd., Class A (B) | 78,900 | 54,713 |
| Zhejiang China Commodities City Group Company, Ltd., Class A | 53,700 | 43,518 |
| Zhejiang Chint Electrics Company, Ltd., Class A | 23,000 | 126,100 |
| Zhejiang Dahua Technology Company, Ltd., Class A | 31,500 | 76,177 |
| Zhejiang Dingli Machinery Company, Ltd., Class A | 5,100 | 37,042 |
| Zhejiang Expressway Company, Ltd., H Shares (B) | 254,782 | 224,861 |
| Zhejiang HangKe Technology, Inc., Company, Class A (B) | 4,095 | 36,397 |
| Zhejiang Huahai Pharmaceutical Company, Ltd., Class A | 15,100 | 44,134 |
| Zhejiang Huayou Cobalt Company, Ltd., Class A (B) | 12,700 | 179,335 |
| Zhejiang Jingsheng Mechanical & Electrical Company, Ltd., Class A | 13,400 | 111,022 |
| Zhejiang Jiuzhou Pharmaceutical Company, Ltd., Class A | 8,700 | 62,051 |
| Zhejiang Juhua Company, Ltd., Class A | 28,900 | 50,590 |
| Zhejiang Longsheng Group Company, Ltd., Class A | 33,900 | 54,231 |
| Zhejiang NHU Company, Ltd., Class A | 32,480 | 101,241 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-------------|
| COMMON STOCKS (continued) | | |
| China (continued) | | |
| Zhejiang Semir Garment Company, Ltd., Class A | 29,600 | \$ 25,650 |
| Zhejiang Supor Company, Ltd., Class A | 5,600 | 47,186 |
| Zhejiang Weiming Environment Protection Company, Ltd., Class A | 12,400 | 53,350 |
| Zhejiang Weixing New Building Materials Company, Ltd., Class A | 16,000 | 44,009 |
| Zhejiang Wolwo Bio-Pharmaceutical Company, Ltd., Class A (B) | 5,100 | 35,985 |
| Zhejiang Yongtai Technology Company, Ltd., Class A | 9,700 | 38,243 |
| Zheshang Securities Company, Ltd., Class A | 45,500 | 65,899 |
| ZhongAn Online P&C Insurance Company, Ltd., H Shares (B)(C) | 86,100 | 287,965 |
| Zhongji Innolight Company, Ltd., Class A | 8,000 | 38,616 |
| Zhongsheng Group Holdings, Ltd. | 105,600 | 748,904 |
| Zhongtai Securities Company, Ltd., Class A | 63,200 | 68,977 |
| Zhuzhou CRRC Times Electric Company, Ltd. | 96,600 | 413,203 |
| Zhuzhou Hongda Electronics Corp, Ltd., Class A | 3,800 | 32,051 |
| Zhuzhou Kibing Group Company, Ltd., Class A | 29,300 | 48,305 |
| Zibo Qixiang Tengda Chemical Company, Ltd., Class A | 31,400 | 37,097 |
| Zijin Mining Group Company, Ltd., Class A | 220,600 | 331,025 |
| Zijin Mining Group Company, Ltd., H Shares | 999,529 | 1,350,063 |
| Zoomlion Heavy Industry Science and Technology Company, Ltd., Class A | 73,900 | 65,635 |
| Zoomlion Heavy Industry Science and Technology Company, Ltd., H Shares | 241,800 | 148,894 |
| ZTE Corp., Class A | 41,400 | 150,831 |
| ZTE Corp., H Shares | 134,615 | 296,438 |
| ZTO Express Cayman, Inc., ADR | 76,300 | 2,055,522 |
| | | 346,061,751 |
| Colombia - 0.1% | | |
| Bancolombia SA | 85,875 | 1,032,322 |
| Ecopetrol SA | 1,656,404 | 1,370,817 |
| Grupo de Inversiones Suramericana SA | 32,307 | 381,771 |
| Interconexion Electrica SA ESP | 149,342 | 942,003 |
| | | 3,726,913 |
| Czech Republic - 0.0% | | |
| CEZ AS | 24,741 | 1,205,508 |
| Komerční banka AS | 11,443 | 356,183 |
| Moneta Money Bank AS (C) | 53,420 | 177,823 |
| | | 1,739,514 |
| Denmark - 2.1% | | |
| A.P. Moller - Maersk A/S, Series A | 690 | 1,991,589 |
| A.P. Moller - Maersk A/S, Series B | 1,320 | 3,868,105 |
| Ambu A/S, Class B (A) | 37,686 | 516,768 |
| Carlsberg A/S, Class B | 22,588 | 2,875,152 |
| Chr. Hansen Holding A/S | 23,575 | 1,767,992 |
| Coloplast A/S, B Shares | 26,661 | 3,169,943 |
| Danske Bank A/S | 155,842 | 2,549,762 |
| Demant A/S (B) | 24,034 | 1,057,877 |
| DSV A/S | 45,818 | 7,534,168 |
| Genmab A/S (B) | 14,744 | 4,487,474 |
| GN Store Nord A/S | 27,904 | 1,100,326 |
| Novo Nordisk A/S, B Shares | 378,387 | 42,020,089 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------------|
| COMMON STOCKS (continued) | | |
| Denmark (continued) | | |
| Novozymes A/S, B Shares | 46,034 | \$ 2,922,907 |
| Orsted A/S (C) | 42,446 | 4,784,064 |
| Pandora A/S | 22,468 | 1,815,096 |
| ROCKWOOL A/S, B Shares | 1,890 | 525,060 |
| Tryg A/S | 81,956 | 1,910,245 |
| Vestas Wind Systems A/S | 226,900 | 5,795,539 |
| | | <hr/> 90,692,156 |
| Finland - 0.7% | | |
| Elisa OYJ | 22,839 | 1,292,528 |
| Fortum OYJ | 71,713 | 1,325,511 |
| Kesko OYJ, B Shares | 44,204 | 1,106,732 |
| Kone OYJ, B Shares | 55,305 | 2,824,251 |
| Neste OYJ | 68,593 | 3,150,676 |
| Nokia OYJ | 880,815 | 4,426,902 |
| Nordea Bank ABP | 514,539 | 5,237,437 |
| Orion OYJ, Class B | 17,185 | 705,181 |
| Sampo OYJ, A Shares | 82,596 | 3,736,060 |
| Stora Enso OYJ, R Shares | 95,025 | 1,843,283 |
| UPM-Kymmene OYJ | 86,913 | 3,086,998 |
| Wartsila OYJ ABP | 77,114 | 654,201 |
| | | <hr/> 29,389,760 |
| France - 6.8% | | |
| Accor SA (B) | 29,974 | 986,286 |
| Aéroports de Paris (B) | 5,203 | 779,267 |
| Air Liquide SA | 84,445 | 14,792,035 |
| Airbus SE | 105,673 | 12,384,419 |
| Alstom SA | 56,567 | 1,549,250 |
| Amundi SA (A)(C) | 11,681 | 680,346 |
| Arkema SA | 10,939 | 1,324,372 |
| AXA SA (A) | 351,173 | 8,885,325 |
| BioMerieux | 7,359 | 774,246 |
| BNP Paribas SA (A) | 200,718 | 11,488,205 |
| Bolloré SE | 155,023 | 827,073 |
| Bouygues SA (A) | 40,613 | 1,402,473 |
| Bureau Veritas SA | 51,913 | 1,500,078 |
| Capgemini SE (A) | 28,495 | 5,536,938 |
| Carrefour SA (A) | 110,451 | 2,265,474 |
| Cie de Saint-Gobain (A) | 90,291 | 5,351,886 |
| Cie Generale des Etablissements Michelin SCA (A) | 30,170 | 3,933,237 |
| CNP Assurances | 31,794 | 713,503 |
| Covivio | 8,982 | 655,871 |
| Credit Agricole SA (A) | 222,499 | 2,470,382 |
| Danone SA (A) | 116,310 | 6,843,385 |
| Dassault Aviation SA | 4,818 | 816,652 |
| Dassault Systemes SE | 118,323 | 4,988,923 |
| Edenred | 44,165 | 2,181,564 |
| Eiffage SA | 14,616 | 1,448,033 |
| Electricite de France SA (A) | 97,582 | 866,375 |
| Engie SA (A) | 325,488 | 4,375,237 |
| EssilorLuxottica SA (A) | 51,185 | 8,267,098 |
| Eurazeo SE | 7,016 | 541,935 |
| Faurecia SE | 21,456 | 596,917 |
| Gecina SA | 8,047 | 946,740 |
| Getlink SE | 76,961 | 1,483,346 |
| Hermes International | 5,641 | 6,744,717 |
| Ipsen SA | 6,706 | 671,441 |
| Kering SA | 13,374 | 7,356,120 |
| Klepierre SA (B) | 36,027 | 822,402 |
| La Francaise des Jeux SAEM (C) | 16,780 | 612,145 |
| Legrand SA | 47,547 | 4,120,606 |
| L'Oreal SA | 44,721 | 15,795,955 |
| LVMH Moët Hennessy Louis Vuitton SE | 49,476 | 31,942,968 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-------------------|
| COMMON STOCKS (continued) | | |
| France (continued) | | |
| Orange SA | 353,890 | \$ 4,430,162 |
| Orpea SA | 9,299 | 258,687 |
| Pernod Ricard SA | 37,343 | 7,333,692 |
| Publicis Groupe SA | 40,570 | 2,222,281 |
| Remy Cointreau SA (A) | 4,024 | 741,101 |
| Renault SA (B) | 34,217 | 943,784 |
| Safran SA | 61,421 | 6,363,893 |
| Sanofi (A) | 202,811 | 21,702,368 |
| Sartorius Stedim Biotech | 4,925 | 1,701,240 |
| Schneider Electric SE | 94,944 | 13,186,928 |
| Schneider Electric SE (Euronext London Exchange) | 1,474 | 204,220 |
| SEB SA | 4,854 | 517,901 |
| Societe Generale SA (A) | 145,344 | 3,916,657 |
| Sodexo SA | 15,663 | 1,170,228 |
| Teleperformance | 10,435 | 3,464,644 |
| Thales SA | 19,440 | 2,373,902 |
| TotalEnergies SE | 446,887 | 26,448,133 |
| Ubisoft Entertainment SA (B) | 16,676 | 876,708 |
| Unibail-Rodamco-Westfield (B) | 16,892 | 1,183,640 |
| Unibail-Rodamco-Westfield (Euronext Amsterdam Exchange) (B) | 5,268 | 369,134 |
| Valeo (A) | 40,717 | 904,910 |
| Veolia Environnement SA | 116,428 | 3,258,381 |
| Vinci SA | 95,911 | 9,255,414 |
| Vivendi SE | 137,228 | 1,638,308 |
| Wendel SE | 4,622 | 475,617 |
| Worldline SA (B)(C) | 42,413 | 1,735,469 |
| | | <hr/> 296,400,627 |
| Germany - 4.7% | | |
| adidas AG | 33,850 | 6,724,892 |
| Allianz SE | 73,131 | 15,351,194 |
| BASF SE | 163,423 | 9,025,151 |
| Bayer AG | 174,857 | 12,510,664 |
| Bayerische Motoren Werke AG | 59,132 | 5,137,314 |
| Bechtle AG | 14,332 | 640,880 |
| Beiersdorf AG | 17,859 | 1,853,608 |
| Brenntag SE | 27,322 | 2,114,080 |
| Carl Zeiss Meditec AG, Bearer Shares | 7,166 | 958,767 |
| Commerzbank AG (B) | 175,791 | 1,533,057 |
| Continental AG | 19,525 | 1,500,170 |
| Covestro AG (C) | 34,547 | 1,583,568 |
| Daimler Truck Holding AG (B) | 73,364 | 2,296,678 |
| Delivery Hero SE (A)(B)(C) | 29,030 | 1,119,633 |
| Deutsche Bank AG | 370,437 | 4,147,710 |
| Deutsche Boerse AG | 33,851 | 5,689,100 |
| Deutsche Lufthansa AG (A)(B) | 105,739 | 778,808 |
| Deutsche Post AG | 176,258 | 7,294,191 |
| Deutsche Telekom AG | 575,900 | 11,849,480 |
| E.ON SE | 398,264 | 4,065,455 |
| Evonik Industries AG | 36,890 | 989,834 |
| Fresenius Medical Care AG & Company KGaA | 36,389 | 2,219,858 |
| Fresenius SE & Company KGaA | 74,515 | 2,555,748 |
| GEA Group AG | 26,936 | 1,077,504 |
| Hannover Rueck SE | 11,018 | 1,687,307 |
| HeidelbergCement AG | 26,580 | 1,552,356 |
| HelloFresh SE (B) | 29,322 | 1,094,932 |
| Henkel AG & Company KGaA | 17,693 | 1,194,442 |
| Infineon Technologies AG | 232,576 | 7,247,803 |
| KION Group AG | 12,860 | 633,610 |
| Knorr-Bremse AG | 12,723 | 869,688 |
| LANXESS AG | 14,592 | 681,575 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Germany (continued) | | |
| LEG Immobilien SE | 12,937 | \$ 1,333,584 |
| Mercedes-Benz Group AG | 152,459 | 10,864,131 |
| Merck KGaA | 23,035 | 4,343,218 |
| MTU Aero Engines AG | 9,742 | 1,928,984 |
| Muenchener Rueckversicherungs-Gesellschaft AG | 25,225 | 6,189,313 |
| Nemetschek SE | 10,144 | 726,287 |
| Puma SE | 18,604 | 1,388,300 |
| Rational AG | 899 | 585,298 |
| RWE AG | 113,929 | 5,027,167 |
| SAP SE | 185,758 | 18,621,664 |
| Scout24 SE (C) | 14,705 | 912,113 |
| Siemens AG | 136,149 | 17,972,057 |
| Siemens Energy AG | 71,130 | 1,375,352 |
| Siemens Healthineers AG (C) | 50,183 | 3,015,720 |
| Symrise AG | 23,606 | 2,608,500 |
| Telefonica Deutschland Holding AG | 178,294 | 567,451 |
| Uniper SE | 16,011 | 414,350 |
| United Internet AG | 16,675 | 547,979 |
| Volkswagen AG | 5,720 | 1,296,546 |
| Vonovia SE | 131,162 | 5,002,991 |
| Zalando SE (B)(C) | 39,497 | 1,607,018 |
| | | 204,307,080 |
| Hong Kong - 2.4% | | |
| AIA Group, Ltd. | 2,236,109 | 23,166,502 |
| Alibaba Health Information Technology, Ltd. (B) | 700,200 | 356,662 |
| Alibaba Pictures Group, Ltd. (B) | 2,036,100 | 179,036 |
| Beijing Enterprises Holdings, Ltd. | 90,714 | 317,580 |
| Beijing Enterprises Water Group, Ltd. | 792,200 | 262,457 |
| BOC Hong Kong Holdings, Ltd. | 684,000 | 2,628,235 |
| Bosideng International Holdings, Ltd. | 566,000 | 301,202 |
| Brilliance China Automotive Holdings, Ltd. (B)(D) | 509,800 | 130,419 |
| Budweiser Brewing Company APAC, Ltd. (C) | 317,400 | 842,498 |
| China Education Group Holdings, Ltd. | 173,000 | 119,458 |
| China Everbright Environment Group, Ltd. | 656,700 | 394,785 |
| China Gas Holdings, Ltd. | 536,800 | 799,804 |
| China Jinmao Holdings Group, Ltd. | 999,300 | 270,039 |
| China Mengniu Dairy Company, Ltd. (B) | 554,253 | 2,837,777 |
| China Merchants Port Holdings Company, Ltd. | 266,331 | 505,378 |
| China Overseas Land & Investment, Ltd. | 675,797 | 1,961,094 |
| China Overseas Property Holdings, Ltd. | 225,000 | 261,615 |
| China Power International Development, Ltd. | 948,900 | 481,677 |
| China Resources Beer Holdings Company, Ltd. | 256,899 | 1,601,168 |
| China Resources Cement Holdings, Ltd. | 429,900 | 339,817 |
| China Resources Gas Group, Ltd. | 163,200 | 682,815 |
| China Resources Land, Ltd. | 564,405 | 2,512,007 |
| China Resources Power Holdings Company, Ltd. | 337,432 | 693,933 |
| China Ruyi Holdings, Ltd. (A)(B) | 484,000 | 138,240 |
| China State Construction International Holdings, Ltd. | 355,400 | 417,699 |
| China Taiping Insurance Holdings Company, Ltd. | 302,800 | 347,724 |
| China Traditional Chinese Medicine Holdings Company, Ltd. | 488,400 | 257,825 |
| Chow Tai Fook Jewellery Group, Ltd. (B) | 366,800 | 634,918 |
| CK Asset Holdings, Ltd. | 369,698 | 2,410,510 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Hong Kong (continued) | | |
| CK Hutchison Holdings, Ltd. | 496,972 | \$ 3,520,363 |
| CK Infrastructure Holdings, Ltd. | 120,500 | 806,620 |
| CLP Holdings, Ltd. | 301,000 | 2,999,863 |
| COSCO SHIPPING Ports, Ltd. | 322,808 | 243,408 |
| ESR Cayman, Ltd. (B)(C) | 363,400 | 1,074,902 |
| Far East Horizon, Ltd. | 299,100 | 264,966 |
| Futu Holdings, Ltd., ADR (A)(B) | 9,500 | 348,745 |
| Galaxy Entertainment Group, Ltd. | 402,000 | 2,141,436 |
| Geely Automobile Holdings, Ltd. | 1,032,300 | 1,970,318 |
| Guangdong Investment, Ltd. | 514,880 | 649,206 |
| Hang Lung Properties, Ltd. | 373,000 | 697,059 |
| Hang Seng Bank, Ltd. | 139,995 | 2,445,924 |
| Henderson Land Development Company, Ltd. | 267,417 | 1,133,136 |
| HK Electric Investments, Ltd. | 439,500 | 420,566 |
| HKT Trust & HKT, Ltd. | 676,322 | 931,179 |
| Hong Kong & China Gas Company, Ltd. | 2,055,863 | 2,324,476 |
| Hong Kong Exchanges & Clearing, Ltd. | 222,477 | 9,599,458 |
| Hongkong Land Holdings, Ltd. | 211,200 | 977,070 |
| Hopson Development Holdings, Ltd. | 126,150 | 205,503 |
| Huabao International Holdings, Ltd. | 167,000 | 89,809 |
| HUTCHMED China, Ltd., ADR (B) | 15,100 | 158,852 |
| Jardine Matheson Holdings, Ltd. | 39,832 | 2,305,254 |
| Kingboard Holdings, Ltd. | 118,800 | 568,387 |
| Kingboard Laminates Holdings, Ltd. | 164,000 | 275,064 |
| Kunlun Energy Company, Ltd. | 685,390 | 587,436 |
| Lee & Man Paper Manufacturing, Ltd. | 236,000 | 114,597 |
| Link REIT | 383,125 | 3,464,351 |
| Melco Resorts & Entertainment, Ltd., ADR (B) | 39,100 | 220,524 |
| MTR Corp., Ltd. | 281,368 | 1,517,700 |
| New World Development Company, Ltd. | 276,314 | 1,051,540 |
| Nine Dragons Paper Holdings, Ltd. | 289,100 | 259,506 |
| Power Assets Holdings, Ltd. | 253,500 | 1,655,151 |
| Shenzhen International Holdings, Ltd. | 224,000 | 215,694 |
| Shimao Group Holdings, Ltd. (A)(D) | 245,100 | 124,249 |
| Sino Biopharmaceutical, Ltd. | 1,811,875 | 1,015,811 |
| Sino Land Company, Ltd. | 609,075 | 862,267 |
| SITC International Holdings Company, Ltd. | 247,000 | 932,800 |
| Sun Art Retail Group, Ltd. | 337,500 | 101,330 |
| Sun Hung Kai Properties, Ltd. | 241,500 | 2,952,595 |
| Swire Pacific, Ltd., Class A | 92,000 | 558,189 |
| Swire Properties, Ltd. | 213,200 | 521,271 |
| Techtronic Industries Company, Ltd. | 254,000 | 3,318,112 |
| The Wharf Holdings, Ltd. | 241,125 | 806,258 |
| Vinda International Holdings, Ltd. | 63,000 | 157,664 |
| WH Group, Ltd. (C) | 1,539,770 | 1,177,412 |
| Wharf Real Estate Investment Company, Ltd. | 308,125 | 1,486,891 |
| Xinyi Glass Holdings, Ltd. | 334,000 | 844,234 |
| Yuexiu Property Company, Ltd. | 240,700 | 261,409 |
| | | 106,211,429 |
| Hungary - 0.0% | | |
| MOL Hungarian Oil & Gas PLC | 79,394 | 569,635 |
| OTP Bank NYRT | 42,926 | 1,022,596 |
| Richter Gedeon NYRT | 27,047 | 529,134 |
| | | 2,121,365 |
| Indonesia - 0.6% | | |
| Adaro Energy Indonesia Tbk PT | 2,808,145 | 630,250 |
| Aneka Tambang Tbk (B) | 1,627,700 | 279,126 |
| Astra International Tbk PT | 3,973,400 | 1,998,730 |
| Bank Central Asia Tbk PT | 10,738,450 | 5,681,729 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| Indonesia (continued) | | |
| Bank Jago Tbk PT (B) | 808,700 | \$ 518,830 |
| Bank Mandiri Persero Tbk PT | 3,631,056 | 2,118,454 |
| Bank Negara Indonesia Persero Tbk PT | 1,473,953 | 926,030 |
| Bank Rakyat Indonesia Persero Tbk PT | 13,230,410 | 4,191,077 |
| Barito Pacific Tbk PT | 5,478,000 | 313,326 |
| Charoen Pokphand Indonesia Tbk PT | 1,434,703 | 531,458 |
| Gudang Garam Tbk PT | 96,782 | 208,930 |
| Indah Kiat Pulp & Paper Tbk PT | 543,600 | 307,385 |
| Indocement Tunggal Prakarsa Tbk PT | 290,220 | 193,420 |
| Indofood CBP Sukses Makmur Tbk PT | 457,300 | 268,573 |
| Indofood Sukses Makmur Tbk PT | 871,017 | 393,648 |
| Kalbe Farma Tbk PT | 4,108,610 | 471,786 |
| Merdeka Copper Gold Tbk PT (B) | 2,344,000 | 873,157 |
| Sarana Menara Nusantara Tbk PT | 4,447,800 | 304,898 |
| Semen Indonesia Persero Tbk PT | 585,692 | 292,804 |
| Telkom Indonesia Persero Tbk PT | 9,674,760 | 2,856,296 |
| Tower Bersama Infrastructure Tbk PT | 1,532,800 | 309,296 |
| Unilever Indonesia Tbk PT | 1,485,725 | 481,315 |
| United Tractors Tbk PT | 326,337 | 702,201 |
| | | 24,852,719 |
| Ireland - 0.7% | | |
| AerCap Holdings NV (B) | 13,800 | 682,272 |
| CRH PLC | 144,211 | 5,952,001 |
| DCC PLC | 23,477 | 1,659,924 |
| Experian PLC | 220,657 | 7,381,453 |
| Flutter Entertainment PLC (B) | 31,089 | 3,791,258 |
| James Hardie Industries PLC, CHESS Depository Interest | 89,837 | 2,319,164 |
| Kerry Group PLC, Class A | 29,717 | 3,076,618 |
| Kerry Group PLC, Class A (London Stock Exchange) | 1,160 | 120,445 |
| Kingspan Group PLC | 28,734 | 2,365,547 |
| Smurfit Kappa Group PLC | 37,620 | 1,520,786 |
| Smurfit Kappa Group PLC (London Stock Exchange) | 8,098 | 328,523 |
| | | 29,197,991 |
| Israel - 0.4% | | |
| Azrieli Group, Ltd. (A) | 8,950 | 672,056 |
| Bank Hapoalim BM | 213,428 | 1,976,236 |
| Bank Leumi Le-Israel BM | 273,731 | 2,725,435 |
| Check Point Software Technologies, Ltd. (B) | 19,500 | 2,439,060 |
| CyberArk Software, Ltd. (B) | 7,300 | 1,013,970 |
| Fiverr International, Ltd. (B) | 5,600 | 236,936 |
| ICL Group, Ltd. | 130,499 | 1,457,803 |
| Inmode, Ltd. (B) | 9,800 | 262,738 |
| Israel Discount Bank, Ltd., Class A | 239,600 | 1,360,254 |
| Kornit Digital, Ltd. (B) | 8,800 | 369,336 |
| Mizrahi Tefahot Bank, Ltd. | 28,320 | 931,670 |
| Nice, Ltd. (B) | 11,519 | 2,292,787 |
| Teva Pharmaceutical Industries, Ltd., ADR (B) | 201,336 | 1,832,158 |
| Wix.com, Ltd. (B) | 10,500 | 661,605 |
| | | 18,232,044 |
| Italy - 1.2% | | |
| Amplifon SpA | 22,319 | 769,099 |
| Assicurazioni Generali SpA (A) | 203,570 | 3,705,237 |
| Atlantia SpA | 88,767 | 2,152,019 |
| Davide Campari-Milano NV | 93,277 | 997,453 |
| DiaSorin SpA | 4,536 | 597,112 |
| Enel SpA | 1,462,720 | 9,503,468 |
| Eni SpA | 453,236 | 6,864,543 |
| Ferrari NV | 22,625 | 4,414,716 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Italy (continued) | | |
| FinecoBank Banca Fineco SpA | 106,898 | \$ 1,514,806 |
| Infrastrutture Wireless Italiane SpA (C) | 58,846 | 655,826 |
| Intesa Sanpaolo SpA | 2,963,344 | 6,472,191 |
| Mediobanca Banca di Credito Finanziario SpA | 111,201 | 1,140,813 |
| Moncler SpA | 36,876 | 1,774,373 |
| Nexi SpA (B)(C) | 94,251 | 961,149 |
| Poste Italiane SpA (C) | 96,021 | 1,040,146 |
| Prysmian SpA | 45,730 | 1,477,029 |
| Recordati Industria Chimica e Farmaceutica SpA | 18,613 | 834,089 |
| Snam SpA | 356,773 | 2,075,384 |
| Telecom Italia SpA | 1,780,946 | 569,561 |
| Terna - Rete Elettrica Nazionale | 250,318 | 2,121,846 |
| UniCredit SpA | 379,542 | 4,450,167 |
| | | 54,091,027 |
| Japan - 11.1% | | |
| Advantest Corp. | 29,200 | 1,991,792 |
| Aeon Company, Ltd. | 94,600 | 1,726,741 |
| AGC, Inc. | 28,484 | 1,071,445 |
| Aisin Corp. | 21,600 | 707,176 |
| Ajinomoto Company, Inc. | 68,100 | 1,650,569 |
| ANA Holdings, Inc. (B) | 23,100 | 455,909 |
| Asahi Group Holdings, Ltd. | 66,861 | 2,240,293 |
| Asahi Intecc Company, Ltd. | 31,800 | 478,540 |
| Asahi Kasei Corp. | 183,800 | 1,485,023 |
| Astellas Pharma, Inc. | 272,100 | 4,345,687 |
| Azbil Corp. | 17,900 | 527,519 |
| Bandai Namco Holdings, Inc. | 29,200 | 2,168,895 |
| Benefit One, Inc. | 11,800 | 183,908 |
| Bridgestone Corp. | 83,400 | 3,293,264 |
| Brother Industries, Ltd. | 34,200 | 629,444 |
| Canon, Inc. | 146,296 | 3,715,309 |
| Capcom Company, Ltd. | 25,500 | 717,822 |
| Central Japan Railway Company | 20,988 | 2,599,831 |
| Chubu Electric Power Company, Inc. | 93,700 | 942,770 |
| Chugai Pharmaceutical Company, Ltd. | 98,100 | 2,681,874 |
| Concordia Financial Group, Ltd. | 162,000 | 551,361 |
| Cosmos Pharmaceutical Corp. | 2,900 | 275,379 |
| CyberAgent, Inc. | 58,700 | 629,616 |
| Dai Nippon Printing Company, Ltd. | 32,400 | 741,314 |
| Daifuku Company, Ltd. | 14,800 | 927,953 |
| Dai-ichi Life Holdings, Inc. | 149,400 | 3,087,011 |
| Daiichi Sankyo Company, Ltd. | 256,200 | 6,794,436 |
| Daikin Industries, Ltd. | 36,400 | 5,853,362 |
| Daito Trust Construction Company, Ltd. | 9,500 | 839,080 |
| Daiwa House Industry Company, Ltd. | 82,900 | 1,996,576 |
| Daiwa House REIT Investment Corp. | 313 | 773,320 |
| Daiwa Securities Group, Inc. | 217,018 | 1,057,819 |
| Denso Corp. | 63,316 | 3,880,496 |
| Dentsu Group, Inc. | 31,544 | 1,050,162 |
| Disco Corp. | 4,200 | 1,133,945 |
| East Japan Railway Company | 43,900 | 2,250,577 |
| Eisai Company, Ltd. | 34,654 | 1,427,114 |
| ENEOS Holdings, Inc. | 444,750 | 1,790,469 |
| FANUC Corp. | 28,100 | 4,580,277 |
| Fast Retailing Company, Ltd. | 8,500 | 4,083,549 |
| Fuji Electric Company, Ltd. | 18,600 | 872,277 |
| FUJIFILM Holdings Corp. | 52,815 | 2,909,015 |
| Fujitsu, Ltd. | 28,700 | 4,309,387 |
| GLP J-REIT | 612 | 787,704 |
| GMO Payment Gateway, Inc. | 6,100 | 502,851 |
| Hakuhodo DY Holdings, Inc. | 33,700 | 341,039 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| Japan (continued) | | |
| Hamamatsu Photonics KK | 20,300 | \$ 945,298 |
| Hankyu Hanshin Holdings, Inc. | 32,600 | 874,270 |
| Hikari Tsushin, Inc. | 3,100 | 350,204 |
| Hino Motors, Ltd. | 42,400 | 237,034 |
| Hirose Electric Company, Ltd. | 4,630 | 641,751 |
| Hitachi Construction Machinery Company, Ltd. | 15,700 | 367,710 |
| Hitachi Metals, Ltd. (B) | 29,900 | 479,993 |
| Hitachi, Ltd. | 141,700 | 7,352,321 |
| Honda Motor Company, Ltd. | 239,027 | 5,951,815 |
| Hoshizaki Corp. | 7,800 | 460,082 |
| Hoya Corp. | 54,000 | 5,747,580 |
| Hulic Company, Ltd. | 54,800 | 447,151 |
| Ibiden Company, Ltd. | 15,400 | 558,262 |
| Idemitsu Kosan Company, Ltd. | 29,825 | 804,449 |
| Iida Group Holdings Company, Ltd. | 22,100 | 348,632 |
| Inpex Corp. | 150,000 | 1,924,655 |
| Isuzu Motors, Ltd. | 85,300 | 1,001,042 |
| Ito En, Ltd. | 7,600 | 321,427 |
| ITOCHU Corp. | 173,937 | 4,989,474 |
| Itochu Techno-Solutions Corp. | 13,600 | 338,276 |
| Japan Airlines Company, Ltd. (B) | 21,000 | 384,906 |
| Japan Exchange Group, Inc. | 75,898 | 1,200,687 |
| Japan Metropolitan Fund Investment Corp. | 1,007 | 852,494 |
| Japan Post Bank Company, Ltd. | 58,400 | 449,921 |
| Japan Post Holdings Company, Ltd. | 363,800 | 2,717,111 |
| Japan Post Insurance Company, Ltd. | 31,400 | 522,807 |
| Japan Real Estate Investment Corp. | 179 | 887,462 |
| Japan Tobacco, Inc. | 175,900 | 3,201,722 |
| JFE Holdings, Inc. | 72,300 | 889,445 |
| JSR Corp. | 29,600 | 933,754 |
| Kajima Corp. | 66,600 | 715,709 |
| Kakaku.com, Inc. | 19,000 | 374,444 |
| Kansai Paint Company, Ltd. | 26,000 | 322,819 |
| Kao Corp. | 69,400 | 2,789,643 |
| KDDI Corp. | 235,967 | 8,231,967 |
| Keio Corp. | 14,820 | 495,059 |
| Keisei Electric Railway Company, Ltd. | 18,635 | 486,360 |
| Keyence Corp. | 28,406 | 11,293,560 |
| Kikkoman Corp. | 21,300 | 1,128,093 |
| Kintetsu Group Holdings Company, Ltd. | 24,300 | 709,999 |
| Kirin Holdings Company, Ltd. | 119,927 | 1,855,090 |
| Kobayashi Pharmaceutical Company, Ltd. | 7,700 | 515,830 |
| Kobe Bussan Company, Ltd. | 20,000 | 484,931 |
| Koei Tecmo Holdings Company, Ltd. | 8,470 | 300,082 |
| Koito Manufacturing Company, Ltd. | 15,176 | 553,739 |
| Komatsu, Ltd. | 128,300 | 3,189,877 |
| Konami Holdings Corp. | 13,600 | 920,303 |
| Kose Corp. | 4,900 | 443,926 |
| Kubota Corp. | 150,400 | 2,775,781 |
| Kurita Water Industries, Ltd. | 14,389 | 553,968 |
| Kyocera Corp. | 47,100 | 2,647,379 |
| Kyowa Kirin Company, Ltd. | 39,428 | 849,447 |
| Lasertec Corp. | 11,000 | 1,592,137 |
| Lawson, Inc. | 7,000 | 248,231 |
| Lion Corp. | 32,400 | 361,718 |
| Lixil Corp. | 38,800 | 738,189 |
| M3, Inc. | 64,500 | 1,855,083 |
| Makita Corp. | 32,900 | 897,014 |
| Marubeni Corp. | 229,000 | 2,400,681 |
| Mazda Motor Corp. | 82,680 | 702,478 |
| McDonald's Holdings Company Japan, Ltd. | 11,200 | 435,887 |
| Medipal Holdings Corp. | 26,900 | 375,408 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| Japan (continued) | | |
| MEIJI Holdings Company, Ltd. | 17,700 | \$ 872,104 |
| Mercari, Inc. (B) | 15,200 | 264,193 |
| MINEBEA MITSUMI, Inc. | 53,200 | 986,978 |
| MISUMI Group, Inc. | 41,500 | 933,219 |
| Mitsubishi Chemical Holdings Corp. | 187,350 | 1,116,198 |
| Mitsubishi Corp. | 184,800 | 6,377,806 |
| Mitsubishi Electric Corp. | 267,518 | 2,931,221 |
| Mitsubishi Estate Company, Ltd. | 172,200 | 2,560,403 |
| Mitsubishi Gas Chemical Company, Inc. | 23,400 | 378,835 |
| Mitsubishi HC Capital, Inc. | 96,200 | 459,352 |
| Mitsubishi Heavy Industries, Ltd. | 47,040 | 1,794,873 |
| Mitsubishi UFJ Financial Group, Inc. | 1,743,500 | 9,918,778 |
| Mitsui & Company, Ltd. | 228,300 | 5,734,573 |
| Mitsui Chemicals, Inc. | 27,300 | 668,316 |
| Mitsui Fudosan Company, Ltd. | 134,004 | 2,930,179 |
| Mitsui OSK Lines, Ltd. | 50,600 | 1,344,617 |
| Miura Company, Ltd. | 12,600 | 283,068 |
| Mizuho Financial Group, Inc. | 351,960 | 4,185,922 |
| MonotaRO Company, Ltd. | 36,400 | 531,443 |
| MS&AD Insurance Group Holdings, Inc. | 66,668 | 2,121,133 |
| Murata Manufacturing Company, Ltd. | 83,997 | 5,397,686 |
| NEC Corp. | 35,800 | 1,438,012 |
| Nexon Company, Ltd. | 72,200 | 1,779,590 |
| NGK Insulators, Ltd. | 37,300 | 552,040 |
| Nidec Corp. | 65,500 | 4,379,580 |
| Nihon M&A Center Holdings, Inc. | 44,300 | 508,325 |
| Nintendo Company, Ltd. | 16,139 | 7,205,879 |
| Nippon Building Fund, Inc. | 214 | 1,162,422 |
| Nippon Express Holdings, Inc. | 11,380 | 661,017 |
| Nippon Paint Holdings Company, Ltd. | 121,600 | 898,737 |
| Nippon Prologis REIT, Inc. (A) | 297 | 792,582 |
| Nippon Sanso Holdings Corp. | 21,800 | 408,637 |
| Nippon Shinyaku Company, Ltd. | 7,100 | 438,260 |
| Nippon Steel Corp. | 125,278 | 2,183,175 |
| Nippon Telegraph & Telephone Corp. | 174,600 | 5,334,450 |
| Nippon Yusen KK | 23,700 | 1,959,178 |
| Nissan Chemical Corp. | 17,700 | 995,013 |
| Nissan Motor Company, Ltd. (B) | 339,625 | 1,320,146 |
| Nisshin Seifun Group, Inc. | 28,300 | 331,219 |
| Nissin Foods Holdings Company, Ltd. | 9,117 | 596,277 |
| Nitori Holdings Company, Ltd. | 11,700 | 1,178,793 |
| Nitto Denko Corp. | 20,844 | 1,509,905 |
| Nomura Holdings, Inc. | 457,500 | 1,797,743 |
| Nomura Real Estate Holdings, Inc. | 17,200 | 430,156 |
| Nomura Real Estate Master Fund, Inc. | 608 | 793,163 |
| Nomura Research Institute, Ltd. | 49,000 | 1,340,220 |
| NTT Data Corp. | 92,100 | 1,441,054 |
| Obayashi Corp. | 96,100 | 680,404 |
| Obic Company, Ltd. | 10,100 | 1,488,051 |
| Odakyu Electric Railway Company, Ltd. | 42,100 | 555,481 |
| Oji Holdings Corp. | 118,500 | 521,655 |
| Olympus Corp. | 161,524 | 3,375,728 |
| Omron Corp. | 27,167 | 1,559,225 |
| Ono Pharmaceutical Company, Ltd. | 54,000 | 1,429,748 |
| Open House Group Company, Ltd. | 12,000 | 499,522 |
| Oracle Corp. Japan (A) | 5,500 | 332,971 |
| Oriental Land Company, Ltd. | 29,300 | 4,354,224 |
| ORIX Corp. | 179,800 | 3,418,255 |
| Orix JREIT, Inc. | 374 | 540,782 |
| Osaka Gas Company, Ltd. | 53,700 | 1,006,586 |
| Otsuka Corp. | 16,400 | 518,660 |
| Otsuka Holdings Company, Ltd. | 57,000 | 1,899,103 |
| Pan Pacific International Holdings Corp. (A) | 60,000 | 920,553 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Japan (continued) | | |
| Panasonic Holdings Corp. | 323,420 | \$ 2,967,563 |
| Persol Holdings Company, Ltd. | 25,800 | 499,984 |
| Pola Orbis Holdings, Inc. | 12,800 | 156,325 |
| Rakuten Group, Inc. | 125,342 | 700,713 |
| Recruit Holdings Company, Ltd. | 198,400 | 7,180,926 |
| Renesas Electronics Corp. (B) | 184,900 | 2,159,604 |
| Resona Holdings, Inc. | 305,200 | 1,147,402 |
| Ricoh Company, Ltd. | 97,900 | 822,671 |
| Rinnai Corp. | 5,100 | 350,100 |
| Rohm Company, Ltd. | 12,900 | 1,054,390 |
| Ryohin Keikaku Company, Ltd. | 36,700 | 390,085 |
| Santen Pharmaceutical Company, Ltd. | 52,200 | 420,955 |
| SBI Holdings, Inc. | 36,764 | 745,801 |
| SCSK Corp. | 22,100 | 368,440 |
| Secom Company, Ltd. | 30,694 | 2,021,314 |
| Seiko Epson Corp. | 40,769 | 682,503 |
| Sekisui Chemical Company, Ltd. | 54,600 | 781,000 |
| Sekisui House, Ltd. | 90,400 | 1,606,206 |
| Seven & i Holdings Company, Ltd. | 110,246 | 4,615,674 |
| SG Holdings Company, Ltd. | 46,700 | 842,152 |
| Sharp Corp. | 31,140 | 253,386 |
| Shimadzu Corp. | 34,600 | 1,262,105 |
| Shimano, Inc. | 10,800 | 1,893,233 |
| Shimizu Corp. | 81,100 | 430,944 |
| Shin-Etsu Chemical Company, Ltd. | 51,837 | 7,334,679 |
| Shionogi & Company, Ltd. | 38,763 | 2,065,079 |
| Shiseido Company, Ltd. | 58,400 | 2,449,632 |
| SMC Corp. | 8,396 | 4,340,947 |
| SoftBank Corp. | 418,400 | 4,820,247 |
| SoftBank Group Corp. | 176,552 | 7,312,623 |
| Sohgo Security Services Company, Ltd. | 10,200 | 281,495 |
| Sompo Holdings, Inc. | 46,660 | 2,126,011 |
| Sony Group Corp. | 184,400 | 17,294,773 |
| Square Enix Holdings Company, Ltd. | 12,500 | 618,134 |
| Stanley Electric Company, Ltd. | 19,100 | 346,275 |
| Subaru Corp. | 90,300 | 1,567,503 |
| SUMCO Corp. | 49,000 | 789,569 |
| Sumitomo Chemical Company, Ltd. | 218,900 | 904,838 |
| Sumitomo Corp. | 165,055 | 2,361,623 |
| Sumitomo Electric Industries, Ltd. | 110,700 | 1,226,105 |
| Sumitomo Metal Mining Company, Ltd. | 36,100 | 1,509,435 |
| Sumitomo Mitsui Financial Group, Inc. | 190,079 | 5,829,632 |
| Sumitomo Mitsui Trust Holdings, Inc. | 49,538 | 1,498,322 |
| Sumitomo Pharma Company, Ltd. | 26,300 | 225,060 |
| Sumitomo Realty & Development Company, Ltd. | 45,083 | 1,215,417 |
| Suntory Beverage & Food, Ltd. | 20,200 | 757,506 |
| Suzuki Motor Corp. | 53,800 | 1,593,264 |
| Sysmex Corp. | 24,600 | 1,646,775 |
| T&D Holdings, Inc. | 81,100 | 936,890 |
| Taisei Corp. | 28,100 | 837,863 |
| Taisho Pharmaceutical Holdings Company, Ltd. | 5,600 | 215,854 |
| Takeda Pharmaceutical Company, Ltd. | 231,024 | 6,638,653 |
| TDK Corp. | 57,000 | 1,957,602 |
| Terumo Corp. | 94,446 | 3,049,005 |
| The Chiba Bank, Ltd. | 79,100 | 411,256 |
| The Kansai Electric Power Company, Inc. | 101,800 | 994,988 |
| The Shizuoka Bank, Ltd. | 64,700 | 380,353 |
| TIS, Inc. | 31,000 | 808,383 |
| Tobu Railway Company, Ltd. | 26,600 | 596,500 |
| Toho Company, Ltd. | 16,100 | 634,553 |
| Tokio Marine Holdings, Inc. | 92,814 | 5,400,217 |
| Tokyo Century Corp. | 5,400 | 181,289 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-------------|
| COMMON STOCKS (continued) | | |
| Japan (continued) | | |
| Tokyo Electric Power Company Holdings, Inc. (B) | 223,800 | \$ 835,685 |
| Tokyo Electron, Ltd. | 21,815 | 9,999,655 |
| Tokyo Gas Company, Ltd. | 54,500 | 1,064,749 |
| Tokyu Corp. | 72,193 | 819,253 |
| Toppan, Inc. | 38,600 | 725,450 |
| Toray Industries, Inc. | 203,700 | 1,051,550 |
| Toshiba Corp. | 56,900 | 2,544,105 |
| Tosoh Corp. | 38,700 | 562,353 |
| TOTO, Ltd. | 20,600 | 693,839 |
| Toyo Suisan Kaisha, Ltd. | 12,900 | 482,667 |
| Toyota Industries Corp. | 21,629 | 1,390,246 |
| Toyota Motor Corp. | 1,550,600 | 25,796,819 |
| Toyota Tsusho Corp. | 31,293 | 1,194,510 |
| Trend Micro, Inc. | 19,300 | 1,134,664 |
| Tsuruha Holdings, Inc. | 5,800 | 315,801 |
| Unicharm Corp. | 58,988 | 2,023,941 |
| USS Company, Ltd. | 31,700 | 576,597 |
| Welcia Holdings Company, Ltd. | 13,300 | 267,720 |
| West Japan Railway Company | 31,900 | 1,178,034 |
| Yakult Honsha Company, Ltd. | 18,700 | 1,029,089 |
| Yamaha Corp. | 19,500 | 801,884 |
| Yamaha Motor Company, Ltd. | 44,000 | 890,413 |
| Yamato Holdings Company, Ltd. | 42,500 | 735,025 |
| Yaskawa Electric Corp. | 35,000 | 1,213,299 |
| Yokogawa Electric Corp. | 33,300 | 595,952 |
| Z Holdings Corp. | 392,007 | 1,292,251 |
| ZOZO, Inc. | 18,000 | 382,065 |
| | | 486,923,327 |
| Jordan - 0.0% | | |
| Hikma Pharmaceuticals PLC | 41,483 | 887,416 |
| Luxembourg - 0.2% | | |
| ArcelorMittal SA | 114,106 | 3,653,344 |
| Aroundtown SA | 175,190 | 823,046 |
| Eurofins Scientific SE | 23,958 | 2,236,365 |
| Reinet Investments SCA | 24,274 | 490,957 |
| Tenaris SA | 85,110 | 1,418,790 |
| | | 8,622,502 |
| Macau - 0.0% | | |
| Sands China, Ltd. (B) | 445,652 | 851,617 |
| Malaysia - 0.4% | | |
| AMMB Holdings BHD (B) | 284,100 | 235,622 |
| Axiata Group BHD | 441,400 | 323,558 |
| CIMB Group Holdings BHD | 1,088,300 | 1,277,751 |
| Dialog Group BHD | 636,900 | 352,629 |
| DiGi.Com BHD | 488,500 | 393,496 |
| Fraser & Neave Holdings BHD | 21,000 | 93,004 |
| Genting BHD | 344,900 | 373,975 |
| Genting Malaysia BHD | 480,800 | 328,722 |
| HAP Seng Consolidated BHD | 100,400 | 190,113 |
| Hartalega Holdings BHD | 280,400 | 268,802 |
| Hong Leong Bank BHD | 108,000 | 519,143 |
| Hong Leong Financial Group BHD | 37,300 | 171,723 |
| IHH Healthcare BHD | 284,600 | 434,986 |
| Inari Amertron BHD | 493,100 | 315,081 |
| IOI Corp. BHD | 412,300 | 404,637 |
| Kuala Lumpur Kepong BHD | 71,100 | 415,334 |
| Malayan Banking BHD | 772,400 | 1,604,108 |
| Malaysia Airports Holdings BHD (B) | 168,100 | 251,912 |
| Maxis BHD | 376,200 | 325,690 |
| MISC BHD | 219,600 | 359,597 |
| Nestle Malaysia BHD | 9,800 | 301,723 |
| Petronas Chemicals Group BHD | 392,000 | 917,883 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| Malaysia (continued) | | |
| Petronas Dagangan BHD | 45,000 | \$ 231,920 |
| Petronas Gas BHD | 123,900 | 489,162 |
| PPB Group BHD | 106,400 | 403,546 |
| Press Metal Aluminium Holdings BHD | 523,200 | 661,110 |
| Public Bank BHD | 2,372,400 | 2,562,600 |
| QL Resources BHD | 171,850 | 201,326 |
| RHB Bank BHD | 302,300 | 418,803 |
| Sime Darby BHD | 462,600 | 231,291 |
| Sime Darby Plantation BHD | 284,300 | 326,042 |
| Telekom Malaysia BHD | 184,500 | 225,904 |
| Tenaga Nasional BHD | 371,600 | 776,569 |
| Top Glove Corp. BHD | 872,100 | 279,002 |
| Westports Holdings BHD | 160,000 | 126,034 |
| | | 16,792,798 |
| Malta - 0.0% | | |
| BGP Holdings PLC (B)(D) | 181,302 | 0 |
| Mexico - 0.9% | | |
| Alfa SAB de CV, Class A | 714,000 | 544,193 |
| America Movil SAB de CV, Series L | 7,467,800 | 8,048,171 |
| Arca Continental SAB de CV | 108,142 | 729,885 |
| Becle SAB de CV | 132,800 | 305,540 |
| Cemex SAB de CV, Series CPO (B) | 3,693,436 | 1,756,590 |
| Coca-Cola Femsa SAB de CV | 128,458 | 767,465 |
| Fibra Uno Administracion SA de CV | 772,100 | 808,958 |
| Fomento Economico Mexicano SAB de CV (A) | 473,386 | 3,541,886 |
| Gruma SAB de CV, Class B (A) | 51,163 | 613,264 |
| Grupo Aeroportuario del Pacifico SAB de CV, B Shares (A) | 88,500 | 1,330,164 |
| Grupo Aeroportuario del Sureste SAB de CV, B Shares (A) | 50,740 | 1,109,703 |
| Grupo Bimbo SAB de CV, Series A | 380,800 | 1,248,791 |
| Grupo Carso SAB de CV, Series A1 | 109,800 | 458,102 |
| Grupo Financiero Banorte SAB de CV, Series O | 630,450 | 4,075,717 |
| Grupo Financiero Inbursa SAB de CV, Series O (B) | 537,700 | 1,109,525 |
| Grupo Mexico SAB de CV, Series B | 757,200 | 3,738,580 |
| Grupo Televisa SAB, Series CPO (A) | 586,797 | 1,207,555 |
| Industrias Penoles SAB de CV | 32,950 | 383,034 |
| Kimberly-Clark de Mexico SAB de CV, Class A | 368,135 | 569,585 |
| Megacable Holdings SAB de CV, Series CPO | 74,800 | 215,957 |
| Operadora de Sites Mexicanos SA de CV, Class A1 (A) | 314,700 | 415,752 |
| Orbia Advance Corp. SAB de CV | 254,815 | 685,575 |
| Promotora y Operadora de Infraestructura SAB de CV (A) | 55,840 | 383,181 |
| Wal-Mart de Mexico SAB de CV | 1,274,500 | 4,713,199 |
| | | 38,760,372 |
| Netherlands - 1.7% | | |
| ABN AMRO Bank NV (C) | 42,549 | 496,816 |
| Adyen NV (B)(C) | 2,013 | 3,117,460 |
| Aegon NV | 194,718 | 1,036,686 |
| Akzo Nobel NV | 19,054 | 1,658,498 |
| Argenx SE (B) | 5,893 | 1,825,825 |
| ASM International NV | 4,776 | 1,480,854 |
| ASML Holding NV | 42,028 | 24,185,202 |
| Euronext NV (C) | 15,457 | 1,339,127 |
| EXOR NV | 19,645 | 1,451,005 |
| Heineken Holding NV | 11,486 | 908,610 |
| Heineken NV | 26,338 | 2,648,364 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| Netherlands (continued) | | |
| IMCD NV | 5,740 | \$ 858,427 |
| ING Groep NV | 394,258 | 4,458,130 |
| JDE Peet's NV | 10,111 | 295,882 |
| Just Eat Takeaway.com NV (B)(C) | 18,256 | 406,279 |
| Koninklijke Ahold Delhaize NV | 106,398 | 2,933,957 |
| Koninklijke DSM NV | 17,753 | 2,989,625 |
| Koninklijke KPN NV | 338,398 | 1,231,759 |
| Koninklijke Philips NV | 93,567 | 2,411,842 |
| NN Group NV | 29,076 | 1,441,052 |
| Prosus NV (B) | 95,031 | 4,913,044 |
| QIAGEN NV (B) | 40,940 | 1,883,929 |
| Randstad NV | 12,102 | 680,907 |
| Stellantis NV | 368,091 | 5,522,534 |
| Universal Music Group NV | 73,370 | 1,640,272 |
| Wolters Kluwer NV | 26,598 | 2,624,462 |
| | | 74,440,548 |
| New Zealand - 0.2% | | |
| Auckland International Airport, Ltd. (B) | 339,168 | 1,649,112 |
| Fisher & Paykel Healthcare Corp., Ltd. | 155,841 | 2,127,014 |
| Mercury NZ, Ltd. | 183,954 | 658,328 |
| Meridian Energy, Ltd. | 347,486 | 1,062,486 |
| Ryman Healthcare, Ltd. | 116,032 | 754,789 |
| Spark New Zealand, Ltd. | 506,407 | 1,601,728 |
| Xero, Ltd. (B) | 27,052 | 1,729,233 |
| | | 9,582,690 |
| Norway - 0.5% | | |
| Adevinta ASA (B) | 52,308 | 438,097 |
| Aker BP ASA (A) | 22,127 | 953,284 |
| DNB Bank ASA | 166,939 | 3,385,561 |
| Equinor ASA | 174,842 | 6,634,690 |
| Gjensidige Forsikring ASA (A) | 37,717 | 824,068 |
| Mowi ASA | 78,817 | 2,057,261 |
| Norsk Hydro ASA | 240,829 | 1,932,472 |
| Orkla ASA | 135,649 | 1,067,582 |
| Schibsted ASA, B Shares | 17,120 | 316,672 |
| Schibsted ASA, Class A (A) | 13,384 | 283,283 |
| Telenor ASA (A) | 124,346 | 1,716,983 |
| Yara International ASA (A) | 29,531 | 1,531,159 |
| | | 21,141,112 |
| Peru - 0.1% | | |
| Cia de Minas Buenaventura SAA, ADR | 63,600 | 543,144 |
| Credicorp, Ltd. | 20,253 | 2,843,116 |
| Southern Copper Corp. | 25,300 | 1,563,034 |
| | | 4,949,294 |
| Philippines - 0.4% | | |
| Aboitiz Equity Ventures, Inc. | 659,440 | 665,920 |
| AC Energy Corp. | 2,819,360 | 384,083 |
| Ayala Corp. | 93,160 | 1,237,957 |
| Ayala Land, Inc. | 2,700,080 | 1,523,172 |
| Bank of the Philippine Islands | 607,120 | 1,144,849 |
| BDO Unibank, Inc. | 654,900 | 1,666,071 |
| Globe Telecom, Inc. | 8,945 | 413,657 |
| GT Capital Holdings, Inc. | 32,583 | 312,000 |
| International Container Terminal Services, Inc. | 339,590 | 1,405,621 |
| JG Summit Holdings, Inc. | 999,852 | 1,037,323 |
| Jollibee Foods Corp. | 146,590 | 585,732 |
| Manila Electric Company | 75,390 | 536,919 |
| Metro Pacific Investments Corp. | 3,998,200 | 280,578 |
| Metropolitan Bank & Trust Company | 612,869 | 642,161 |
| Monde Nissin Corp. (B)(C) | 1,506,600 | 424,968 |
| PLDT, Inc. | 25,280 | 916,724 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Philippines (continued) | | |
| SM Investments Corp. | 80,765 | \$ 1,321,913 |
| SM Prime Holdings, Inc. | 3,366,900 | 2,368,555 |
| Universal Robina Corp. | 296,130 | 609,650 |
| | | 17,477,853 |
| Poland - 0.2% | | |
| Allegro.eu SA (B)(C) | 61,492 | 360,389 |
| Bank Polska Kasa Opieki SA | 31,142 | 679,679 |
| CD Projekt SA (A)(B) | 11,916 | 303,221 |
| Cyfrowy Polsat SA | 43,642 | 229,423 |
| Dino Polska SA (B)(C) | 8,309 | 580,849 |
| InPost SA (B) | 20,153 | 137,552 |
| KGHM Polska Miedz SA | 23,992 | 817,212 |
| LPP SA | 190 | 456,649 |
| mBank SA (B) | 2,524 | 164,525 |
| Orange Polska SA (B) | 112,741 | 165,832 |
| PGE Polska Grupa Energetyczna SA (B) | 154,551 | 365,455 |
| Polski Koncern Naftowy ORLEN SA | 51,310 | 885,616 |
| Polskie Gornictwo Naftowe i Gazownictwo SA | 297,486 | 417,006 |
| Powszechna Kasa Oszczednosci Bank Polski SA (B) | 151,476 | 1,131,421 |
| Powszechny Zaklad Ubezpieczen SA | 107,675 | 816,290 |
| Santander Bank Polska SA | 5,977 | 360,404 |
| | | 7,871,523 |
| Portugal - 0.1% | | |
| EDP - Energias de Portugal SA | 342,437 | 1,715,802 |
| Galp Energia SGPS SA | 60,902 | 795,146 |
| Jeronimo Martins SGPS SA | 34,689 | 709,147 |
| | | 3,220,095 |
| Qatar - 0.3% | | |
| Barwa Real Estate Company | 340,267 | 315,749 |
| Commercial Bank PSQC | 342,405 | 664,302 |
| Industries Qatar QSC | 267,227 | 1,342,882 |
| Masraf Al Rayan QSC | 801,111 | 1,032,985 |
| Mesaieed Petrochemical Holding Company | 792,867 | 589,943 |
| Ooredoo QPSC | 140,815 | 286,329 |
| Qatar Electricity & Water Company QSC | 78,428 | 361,821 |
| Qatar Fuel QSC | 83,733 | 394,977 |
| Qatar Gas Transport Company, Ltd. | 430,374 | 442,215 |
| Qatar International Islamic Bank QSC | 124,057 | 360,987 |
| Qatar Islamic Bank SAQ | 203,888 | 1,296,231 |
| Qatar National Bank QPSC | 797,439 | 4,714,180 |
| | | 11,802,601 |
| Romania - 0.0% | | |
| NEPI Rockcastle SA | 71,449 | 449,726 |
| Saudi Arabia - 1.1% | | |
| Abdullah Al Othaim Markets Company | 6,844 | 201,952 |
| Advanced Petrochemical Company | 21,098 | 329,045 |
| Al Rajhi Bank | 326,055 | 8,577,384 |
| Alinma Bank | 161,643 | 1,656,634 |
| Almarai Company JSC | 41,351 | 604,292 |
| Arab National Bank | 100,624 | 839,549 |
| Bank AlBilad (B) | 81,861 | 1,092,398 |
| Bank Al-Jazira | 67,753 | 517,863 |
| Banque Saudi Fransi | 98,781 | 1,415,117 |
| Bupa Arabia for Cooperative Insurance Company | 10,189 | 428,125 |
| Dar Al Arkan Real Estate Development Company (B) | 88,424 | 290,065 |
| Dr Sulaiman Al Habib Medical Services Group Company | 8,697 | 495,760 |
| Emaar Economic City (B) | 61,612 | 183,008 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| Saudi Arabia (continued) | | |
| Ethiad Etisalat Company | 62,688 | \$ 656,280 |
| Jarir Marketing Company | 9,480 | 409,562 |
| Mobile Telecommunications Company Saudi Arabia (B) | 70,457 | 250,569 |
| Mouwasat Medical Services Company | 8,139 | 473,955 |
| National Industrialization Company (B) | 55,209 | 269,674 |
| Rabigh Refining & Petrochemical Company (B) | 35,067 | 253,002 |
| Riyad Bank | 225,624 | 2,308,147 |
| SABIC Agri-Nutrients Company | 35,396 | 1,386,304 |
| Sahara International Petrochemical Company | 60,013 | 856,224 |
| Saudi Arabian Mining Company (B) | 142,812 | 2,474,714 |
| Saudi Arabian Oil Company (C) | 401,268 | 4,481,087 |
| Saudi Basic Industries Corp. | 149,809 | 4,576,810 |
| Saudi Electricity Company | 138,099 | 894,050 |
| Saudi Industrial Investment Group | 62,386 | 507,140 |
| Saudi Kayan Petrochemical Company (B) | 122,624 | 566,753 |
| Saudi Research & Media Group (B) | 5,947 | 394,510 |
| Saudi Telecom Company | 100,076 | 2,742,351 |
| The Company for Cooperative Insurance (B) | 10,840 | 172,442 |
| The Saudi British Bank | 136,832 | 1,520,140 |
| The Saudi National Bank | 364,064 | 7,038,568 |
| The Savola Group | 42,816 | 429,389 |
| Yanbu National Petrochemical Company | 42,338 | 613,743 |
| | | 49,906,606 |
| Singapore - 0.5% | | |
| Ascendas Real Estate Investment Trust | 330,700 | 672,502 |
| BOC Aviation, Ltd. (C) | 36,300 | 299,403 |
| CapitaLand Integrated Commercial Trust | 481,021 | 767,183 |
| CapitaLand Investment, Ltd. | 263,100 | 756,752 |
| CDL Hospitality Trusts | 6,265 | 5,695 |
| City Developments, Ltd. | 40,200 | 241,884 |
| DBS Group Holdings, Ltd. | 179,572 | 4,048,475 |
| Genting Singapore, Ltd. | 604,300 | 342,552 |
| Grab Holdings, Ltd., Class A (A)(B) | 109,100 | 290,206 |
| JOYY, Inc., ADR | 9,800 | 415,422 |
| Keppel Corp., Ltd. | 146,331 | 732,553 |
| Mapletree Commercial Trust | 208,700 | 270,683 |
| Mapletree Logistics Trust | 299,000 | 357,043 |
| Oversea-Chinese Banking Corp., Ltd. Sea, Ltd., ADR (B) | 343,478 | 2,963,180 |
| | 32,100 | 2,653,386 |
| Singapore Airlines, Ltd. (B) | 131,740 | 531,046 |
| Singapore Exchange, Ltd. | 80,300 | 556,708 |
| Singapore Technologies Engineering, Ltd. | 165,800 | 496,873 |
| Singapore Telecommunications, Ltd. | 824,648 | 1,554,242 |
| United Overseas Bank, Ltd. | 118,757 | 2,544,940 |
| UOL Group, Ltd. | 46,200 | 250,429 |
| Venture Corp., Ltd. | 27,900 | 363,312 |
| Wilmar International, Ltd. | 194,700 | 592,358 |
| | | 21,706,827 |
| South Africa - 1.0% | | |
| Absa Group, Ltd. | 137,916 | 1,620,188 |
| African Rainbow Minerals, Ltd. | 19,157 | 318,116 |
| Anglo American Platinum, Ltd. | 8,864 | 970,087 |
| AngloGold Ashanti, Ltd. | 69,803 | 1,202,465 |
| Aspen Pharmacare Holdings, Ltd. | 66,426 | 685,180 |
| Bid Corp., Ltd. | 56,630 | 1,212,956 |
| Capitec Bank Holdings, Ltd. | 13,633 | 1,961,468 |
| Clicks Group, Ltd. | 40,577 | 792,073 |
| Discovery, Ltd. (B) | 87,934 | 817,694 |
| Exxaro Resources, Ltd. | 41,748 | 592,101 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| South Africa (continued) | | |
| FirstRand, Ltd. | 859,932 | \$ 3,981,304 |
| Gold Fields, Ltd. | 148,960 | 1,426,411 |
| Growthpoint Properties, Ltd. | 580,547 | 534,349 |
| Harmony Gold Mining Company, Ltd. | 91,160 | 307,165 |
| Impala Platinum Holdings, Ltd. | 138,248 | 1,884,855 |
| Kumba Iron Ore, Ltd. | 10,923 | 411,333 |
| Momentum Metropolitan Holdings | 35,628 | 36,112 |
| Mr. Price Group, Ltd. | 43,008 | 569,467 |
| MTN Group, Ltd. | 288,128 | 3,105,747 |
| MultiChoice Group | 62,550 | 536,642 |
| Naspers, Ltd., N Shares | 37,091 | 4,040,360 |
| Nedbank Group, Ltd. | 77,809 | 1,179,465 |
| Northam Platinum Holdings, Ltd. (B) | 56,329 | 676,701 |
| Old Mutual, Ltd. | 819,400 | 669,167 |
| Pepkor Holdings, Ltd. (C) | 281,600 | 393,278 |
| Remgro, Ltd. | 89,896 | 864,759 |
| Sanlam, Ltd. | 329,073 | 1,419,652 |
| Sasol, Ltd. (B) | 96,305 | 2,518,726 |
| Shoprite Holdings, Ltd. | 84,653 | 1,165,298 |
| Sibanye Stillwater, Ltd. | 450,060 | 1,457,429 |
| Standard Bank Group, Ltd. | 229,416 | 2,621,125 |
| The Bidvest Group, Ltd. | 48,600 | 677,472 |
| The SPAR Group, Ltd. | 31,600 | 309,832 |
| Tiger Brands, Ltd. | 28,837 | 264,119 |
| Vodacom Group, Ltd. (A) | 108,032 | 1,014,468 |
| Woolworths Holdings, Ltd. | 166,281 | 590,693 |
| | | 42,828,257 |
| South Korea - 4.0% | | |
| Alteogen, Inc. (B) | 5,816 | 269,709 |
| Amorepacific Corp. | 6,861 | 903,856 |
| AMOREPACIFIC Group | 6,151 | 228,286 |
| BGF retail Company, Ltd. | 1,609 | 237,724 |
| Celltrion Healthcare Company, Ltd. | 18,499 | 921,033 |
| Celltrion Pharm, Inc. (B) | 3,571 | 235,107 |
| Celltrion, Inc. | 20,965 | 2,710,852 |
| Cheil Worldwide, Inc. | 14,316 | 300,006 |
| CJ CheilJedang Corp. | 1,764 | 558,845 |
| CJ Corp. | 3,092 | 212,603 |
| CJ ENM Company, Ltd. | 2,275 | 217,789 |
| CJ Logistics Corp. (B) | 1,887 | 196,979 |
| Coway Company, Ltd. | 11,710 | 673,791 |
| DB Insurance Company, Ltd. | 10,502 | 549,248 |
| Doosan Bobcat, Inc. | 10,832 | 331,064 |
| Doosan Enerbility Company, Ltd. (B) | 74,842 | 1,248,362 |
| Ecopro BM Company, Ltd. | 2,472 | 1,005,335 |
| E-MART, Inc. | 4,206 | 392,612 |
| F&F Company, Ltd. | 3,680 | 431,523 |
| Green Cross Corp. | 1,247 | 193,006 |
| GS Engineering & Construction Corp. | 13,854 | 443,893 |
| GS Holdings Corp. | 10,195 | 372,667 |
| Hana Financial Group, Inc. | 64,214 | 2,568,129 |
| Hankook Tire & Technology Company, Ltd. | 16,037 | 460,086 |
| Hanmi Pharm Company, Ltd. | 1,421 | 354,288 |
| Hanon Systems | 38,894 | 358,151 |
| Hanwha Solutions Corp. (B) | 16,444 | 516,252 |
| HD Hyundai Company, Ltd. | 9,830 | 495,028 |
| HLB, Inc. (B) | 20,468 | 748,644 |
| HMM Company, Ltd. | 57,336 | 1,498,918 |
| Hotel Shilla Company, Ltd. | 6,432 | 403,536 |
| HYBE Company, Ltd. (B) | 3,516 | 653,752 |
| Hyundai Engineering & Construction Company, Ltd. | 16,752 | 583,901 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| South Korea (continued) | | |
| Hyundai Glovis Company, Ltd. | 4,011 | \$ 684,411 |
| Hyundai Mobis Company, Ltd. | 14,163 | 2,487,833 |
| Hyundai Motor Company | 29,583 | 4,507,857 |
| Hyundai Steel Company | 18,599 | 617,166 |
| Iljin Materials Company, Ltd. | 4,933 | 357,773 |
| Industrial Bank of Korea | 58,084 | 528,187 |
| Kakao Corp. | 66,408 | 4,535,621 |
| Kakao Games Corp. (B) | 6,350 | 318,540 |
| KakaoBank Corp. (B) | 20,064 | 655,845 |
| Kangwon Land, Inc. (B) | 20,500 | 464,642 |
| KB Financial Group, Inc. | 84,683 | 4,138,754 |
| Kia Corp. | 56,130 | 3,872,190 |
| Korea Aerospace Industries, Ltd. | 16,063 | 680,007 |
| Korea Electric Power Corp. (B) | 53,714 | 1,012,099 |
| Korea Investment Holdings Company, Ltd. | 9,347 | 538,769 |
| Korea Shipbuilding & Offshore Engineering Company, Ltd. (B) | 8,228 | 605,922 |
| Korea Zinc Company, Ltd. | 1,801 | 862,384 |
| Korean Air Lines Company, Ltd. (B) | 37,199 | 872,627 |
| Krafton, Inc. (B) | 4,689 | 975,578 |
| KT&G Corp. | 24,808 | 1,702,221 |
| Kumho Petrochemical Company, Ltd. | 3,934 | 507,006 |
| L&F Company, Ltd. | 4,825 | 1,010,358 |
| LG Chem, Ltd. | 9,797 | 4,604,883 |
| LG Corp. | 18,645 | 1,202,572 |
| LG Display Company, Ltd. | 49,839 | 697,207 |
| LG Electronics, Inc. | 22,710 | 1,915,498 |
| LG Energy Solution (B) | 4,496 | 1,613,131 |
| LG Household & Health Care, Ltd. | 2,007 | 1,185,256 |
| LG Innotek Company, Ltd. | 3,031 | 936,662 |
| LG Uplus Corp. | 45,082 | 504,004 |
| Lotte Chemical Corp. | 3,693 | 608,126 |
| Lotte Shopping Company, Ltd. | 2,358 | 192,855 |
| Meritz Financial Group, Inc. | 7,279 | 191,926 |
| Meritz Fire & Marine Insurance Company, Ltd. | 9,469 | 295,213 |
| Meritz Securities Company, Ltd. | 67,538 | 330,951 |
| Mirae Asset Securities Company, Ltd. | 63,531 | 417,030 |
| NAVER Corp. | 26,209 | 6,068,684 |
| NCSOFT Corp. | 3,505 | 1,283,198 |
| Netmarble Corp. (C) | 4,563 | 306,041 |
| NH Investment & Securities Company, Ltd. | 35,178 | 306,151 |
| Orion Corp. | 5,045 | 395,796 |
| Pan Ocean Company, Ltd. | 57,034 | 348,922 |
| Pearl Abyss Corp. (B) | 6,346 | 322,857 |
| POSCO Chemical Company, Ltd. | 6,597 | 692,326 |
| POSCO Holdings, Inc. | 15,841 | 3,682,076 |
| S-1 Corp. | 3,456 | 200,312 |
| Samsung Biologics Company, Ltd. (B)(C) | 3,748 | 2,557,888 |
| Samsung C&T Corp. | 18,021 | 1,754,678 |
| Samsung Electro-Mechanics Company, Ltd. | 11,970 | 1,487,324 |
| Samsung Electronics Company, Ltd. | 1,016,667 | 55,284,269 |
| Samsung Engineering Company, Ltd. (B) | 33,398 | 660,302 |
| Samsung Fire & Marine Insurance Company, Ltd. | 6,833 | 1,094,635 |
| Samsung Heavy Industries Company, Ltd. (B) | 138,200 | 660,441 |
| Samsung Life Insurance Company, Ltd. | 15,412 | 845,894 |
| Samsung SDI Company, Ltd. | 11,717 | 5,418,413 |
| Samsung SDS Company, Ltd. | 7,387 | 883,319 |
| Samsung Securities Company, Ltd. | 14,437 | 460,830 |
| SD Biosensor, Inc. | 7,803 | 314,460 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|-------------|
| COMMON STOCKS (continued) | | |
| South Korea (continued) | | |
| Seegene, Inc. | 7,824 | \$ 280,610 |
| Shinhan Financial Group Company, Ltd. | 93,396 | 3,251,226 |
| SK Biopharmaceuticals Company, Ltd. (B) | 5,697 | 398,170 |
| SK Bioscience Company, Ltd. (B) | 4,891 | 533,743 |
| SK Chemicals Company, Ltd. | 2,447 | 254,047 |
| SK Hynix, Inc. | 116,378 | 10,086,860 |
| SK IE Technology Company, Ltd. (B)(C) | 5,334 | 541,577 |
| SK Innovation Company, Ltd. (B) | 10,807 | 1,872,255 |
| SK Square Company, Ltd. (B) | 21,223 | 805,389 |
| SK Telecom Company, Ltd. | 5,589 | 257,349 |
| SK, Inc. | 8,921 | 1,779,981 |
| SKC Company, Ltd. | 4,443 | 573,995 |
| S-Oil Corp. | 9,526 | 879,180 |
| Woori Financial Group, Inc. | 109,493 | 1,318,754 |
| Yuhan Corp. | 10,763 | 523,932 |
| | | 176,291,963 |
| Spain - 1.5% | | |
| ACS Actividades de Construccion y Servicios SA | 41,628 | 1,180,380 |
| Aena SME SA (B)(C) | 13,242 | 2,020,183 |
| Amadeus IT Group SA (B) | 79,860 | 4,969,178 |
| Banco Bilbao Vizcaya Argentaria SA | 1,182,041 | 6,468,443 |
| Banco Santander SA (A) | 3,073,199 | 9,968,882 |
| CaixaBank SA | 779,693 | 2,822,228 |
| Cellnex Telecom SA (B)(C) | 90,270 | 4,073,806 |
| EDP Renovaveis SA (A) | 35,696 | 873,263 |
| Enagas SA | 42,886 | 981,890 |
| Endesa SA | 55,991 | 1,240,403 |
| Ferrovial SA | 86,697 | 2,236,068 |
| Grifols SA (A) | 53,115 | 1,117,867 |
| Iberdrola SA | 1,034,031 | 12,251,718 |
| Industria de Diseno Textil SA | 193,889 | 4,673,652 |
| Mapfre SA | 16,854 | 31,300 |
| Naturgy Energy Group SA (A) | 34,126 | 1,031,256 |
| Red Electrica Corp. SA | 75,956 | 1,573,757 |
| Repsol SA | 257,677 | 4,134,773 |
| Siemens Gamesa Renewable Energy SA (B) | 42,401 | 822,072 |
| Telefonica SA | 937,108 | 5,095,260 |
| | | 67,566,379 |
| Sweden - 1.8% | | |
| Alfa Laval AB | 50,984 | 1,378,797 |
| Assa Abloy AB, B Shares | 161,978 | 3,992,934 |
| Atlas Copco AB, A Shares | 434,643 | 4,877,841 |
| Atlas Copco AB, B Shares | 251,340 | 2,433,695 |
| Atlas Copco AB, Redemption A Shares (B) | 113,815 | 93,001 |
| Atlas Copco AB, Redemption B Shares (B) | 65,963 | 53,900 |
| Boliden AB | 44,140 | 1,857,487 |
| Boliden AB, Redemption Shares (B) | 46,205 | 73,240 |
| Electrolux AB, Series B (A) | 36,704 | 570,700 |
| Embracer Group AB (A)(B) | 89,764 | 816,682 |
| Epiroc AB, A Shares | 106,669 | 2,068,412 |
| Epiroc AB, B Shares | 62,636 | 1,053,624 |
| EQT AB | 48,076 | 1,411,049 |
| Essity AB, B Shares | 98,463 | 2,586,277 |
| Evolution AB (C) | 27,817 | 2,915,781 |
| Fastighets AB Balder, B Shares (B) | 105,725 | 765,013 |
| Getinge AB, B Shares | 37,058 | 1,075,468 |
| Hennes & Mauritz AB, B Shares (A) | 117,939 | 1,627,904 |
| Hexagon AB, B Shares | 314,377 | 3,835,804 |
| Husqvarna AB, B Shares (A) | 67,739 | 611,303 |
| Industrivarden AB, A Shares | 25,760 | 668,193 |
| Industrivarden AB, C Shares (A) | 21,429 | 556,100 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| Sweden (continued) | | |
| Investment AB Latour, B Shares | 23,598 | \$ 579,696 |
| Investor AB, A Shares (A) | 78,534 | 1,639,351 |
| Investor AB, B Shares (A) | 297,730 | 5,584,533 |
| Kinnevik AB, B Shares (B) | 39,469 | 788,681 |
| L.E. Lundbergforetagen AB, B Shares | 12,397 | 610,673 |
| Lifco AB, B Shares | 37,404 | 770,973 |
| Lundin Energy AB | 31,910 | 1,531,236 |
| Nibe Industrier AB, B Shares (A) | 230,311 | 2,010,552 |
| Sagax AB, B Shares | 25,811 | 704,137 |
| Sandvik AB | 182,464 | 3,750,685 |
| Securitas AB, B Shares | 50,549 | 539,702 |
| Sinch AB (A)(B)(C) | 84,737 | 410,257 |
| Skandinaviska Enskilda Banken AB, A Shares | 263,362 | 2,912,787 |
| Skanska AB, B Shares | 55,224 | 953,830 |
| SKF AB, B Shares | 62,088 | 1,099,772 |
| Svenska Cellulosa AB SCA, B Shares | 97,661 | 1,772,648 |
| Svenska Handelsbanken AB, A Shares | 233,326 | 2,299,413 |
| Swedbank AB, A Shares | 144,900 | 2,187,670 |
| Swedish Match AB | 254,657 | 2,632,034 |
| Tele2 AB, B Shares | 80,118 | 979,822 |
| Telefonaktiebolaget LM Ericsson, B Shares | 471,787 | 3,831,211 |
| Telia Company AB | 426,771 | 1,749,958 |
| Volvo AB, A Shares | 26,144 | 479,153 |
| Volvo AB, B Shares | 238,101 | 4,176,038 |
| | | 79,318,017 |
| Switzerland - 5.4% | | |
| ABB, Ltd. | 229,787 | 7,085,375 |
| Adecco Group AG | 22,362 | 871,745 |
| Alcon, Inc. | 69,980 | 5,251,343 |
| Bachem Holding AG, Class B | 4,380 | 344,262 |
| Baloise Holding AG | 6,946 | 1,182,476 |
| Barry Callebaut AG | 487 | 1,069,487 |
| Chocoladefabriken Lindt & Spruengli AG | 15 | 1,555,856 |
| Chocoladefabriken Lindt & Spruengli AG, Participation Certificates | 151 | 1,519,029 |
| Cie Financiere Richemont SA, A Shares | 73,118 | 8,137,321 |
| Clariant AG (B) | 29,755 | 570,319 |
| Coca-Cola HBC AG | 47,977 | 1,056,995 |
| Credit Suisse Group AG | 373,869 | 2,619,844 |
| EMS-Chemie Holding AG | 948 | 813,778 |
| Geberit AG | 4,969 | 2,728,462 |
| Givaudan SA | 1,289 | 4,741,656 |
| Glencore PLC (B) | 2,373,152 | 15,652,279 |
| Holcim, Ltd. (B) | 73,306 | 3,634,639 |
| Julius Baer Group, Ltd. | 31,648 | 1,634,478 |
| Kuehne + Nagel International AG | 7,592 | 2,007,689 |
| Logitech International SA | 24,146 | 1,477,011 |
| Lonza Group AG | 10,430 | 6,288,307 |
| Nestle SA | 394,074 | 48,202,040 |
| Novartis AG | 306,834 | 27,872,743 |
| Partners Group Holding AG | 3,192 | 3,434,525 |
| Roche Holding AG | 98,457 | 33,553,273 |
| Roche Holding AG, Bearer Shares (A) | 4,392 | 1,716,712 |
| Schindler Holding AG | 2,484 | 498,475 |
| Schindler Holding AG, Participation Certificates | 5,959 | 1,225,984 |
| SGS SA | 817 | 2,031,485 |
| Sika AG | 19,834 | 5,505,699 |
| Sonova Holding AG | 7,503 | 2,658,501 |
| STMicroelectronics NV | 121,801 | 4,877,037 |
| Straumann Holding AG | 14,469 | 1,845,905 |
| Swiss Life Holding AG | 4,595 | 2,605,531 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Switzerland (continued) | | |
| Swiss Prime Site AG | 10,344 | \$ 1,041,608 |
| Swiss Re AG | 43,129 | 3,556,587 |
| Swisscom AG | 3,588 | 2,121,851 |
| Temenos AG | 9,362 | 909,590 |
| The Swatch Group AG | 5,230 | 254,809 |
| The Swatch Group AG, Bearer Shares (A) | 4,432 | 1,141,158 |
| UBS Group AG | 494,336 | 9,322,529 |
| VAT Group AG (C) | 3,739 | 1,113,085 |
| Vifor Pharma AG (A) | 6,815 | 1,190,503 |
| Zurich Insurance Group AG | 21,334 | 9,770,430 |
| | | 236,692,411 |
| Taiwan - 3.9% | | |
| Accton Technology Corp. | 81,000 | 641,004 |
| Acer, Inc. | 461,000 | 459,164 |
| Advantech Company, Ltd. | 61,265 | 756,061 |
| ASE Technology Holding Company, Ltd. | 529,000 | 1,883,423 |
| Asia Cement Corp. | 355,000 | 541,285 |
| ASMedia Technology, Inc. | 4,000 | 186,118 |
| Asustek Computer, Inc. | 113,000 | 1,323,006 |
| AU Optronics Corp. | 1,307,000 | 802,681 |
| Catcher Technology Company, Ltd. | 109,000 | 613,504 |
| Cathay Financial Holding Company, Ltd. | 1,285,000 | 2,451,022 |
| Chaillese Holding Company, Ltd. | 208,439 | 1,603,848 |
| Chang Hwa Commercial Bank, Ltd. | 658,893 | 410,088 |
| Cheng Shin Rubber Industry Company, Ltd. | 272,000 | 331,969 |
| China Development Financial Holding Corp. | 2,502,548 | 1,387,626 |
| China Steel Corp. | 1,873,000 | 2,226,437 |
| Chunghwa Telecom Company, Ltd. | 603,000 | 2,620,702 |
| Compal Electronics, Inc. | 671,000 | 530,006 |
| CTBC Financial Holding Company, Ltd. | 2,939,000 | 2,729,244 |
| Delta Electronics, Inc. | 310,000 | 2,550,741 |
| E Ink Holdings, Inc. | 137,000 | 952,834 |
| E.Sun Financial Holding Company, Ltd. | 1,898,491 | 1,989,573 |
| Eclat Textile Company, Ltd. | 30,340 | 516,087 |
| eMemory Technology, Inc. | 10,000 | 524,935 |
| Evergreen Marine Corp. Taiwan, Ltd. | 404,900 | 1,939,313 |
| Far Eastern New Century Corp. | 461,000 | 483,003 |
| Far EasTone Telecommunications Company, Ltd. | 248,000 | 678,935 |
| Feng TAY Enterprise Company, Ltd. | 68,920 | 446,380 |
| First Financial Holding Company, Ltd. | 1,628,291 | 1,527,547 |
| Formosa Chemicals & Fibre Corp. | 557,000 | 1,568,979 |
| Formosa Petrochemical Corp. | 173,000 | 575,331 |
| Formosa Plastics Corp. | 609,000 | 2,196,190 |
| Foxconn Technology Company, Ltd. | 147,000 | 274,895 |
| Fubon Financial Holding Company, Ltd. | 1,217,100 | 2,668,823 |
| Giant Manufacturing Company, Ltd. | 48,000 | 432,883 |
| Globalwafers Company, Ltd. | 35,000 | 750,974 |
| Hiwin Technologies Corp. | 43,742 | 336,710 |
| Hon Hai Precision Industry Company, Ltd. | 1,988,800 | 7,711,218 |
| Hotai Motor Company, Ltd. | 47,000 | 1,017,032 |
| Hua Nan Financial Holdings Company, Ltd. | 1,331,896 | 1,086,424 |
| Innolux Corp. | 1,520,000 | 724,846 |
| Inventec Corp. | 419,000 | 370,450 |
| Largan Precision Company, Ltd. | 16,000 | 915,688 |
| Lite-On Technology Corp. | 337,000 | 729,048 |
| MediaTek, Inc. | 242,000 | 7,482,913 |
| Mega Financial Holding Company, Ltd. | 1,732,000 | 2,300,941 |
| Micro-Star International Company, Ltd. | 108,000 | 497,947 |
| momo.com, Inc. | 7,000 | 199,787 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Taiwan (continued) | | |
| Nan Ya Plastics Corp. | 821,000 | \$ 2,401,496 |
| Nan Ya Printed Circuit Board Corp. | 36,000 | 482,407 |
| Nanya Technology Corp. | 199,000 | 454,158 |
| Nien Made Enterprise Company, Ltd. | 25,000 | 270,305 |
| Novatek Microelectronics Corp. | 92,000 | 1,274,410 |
| Oneness Biotech Company, Ltd. (B) | 37,000 | 240,749 |
| Pegatron Corp. | 319,000 | 761,286 |
| Pou Chen Corp. | 379,000 | 406,750 |
| President Chain Store Corp. | 88,000 | 832,842 |
| Quanta Computer, Inc. | 432,000 | 1,178,837 |
| Realtek Semiconductor Corp. | 73,000 | 1,107,965 |
| Ruentex Development Company, Ltd. | 184,976 | 488,758 |
| Shin Kong Financial Holding Company, Ltd. | 1,977,988 | 628,339 |
| SinoPac Financial Holdings Company, Ltd. | 1,606,601 | 999,678 |
| Synnex Technology International Corp. | 215,000 | 517,306 |
| Taishin Financial Holding Company, Ltd. | 1,619,651 | 995,959 |
| Taiwan Cement Corp. | 824,988 | 1,208,527 |
| Taiwan Cooperative Financial Holding Company, Ltd. | 1,490,059 | 1,437,791 |
| Taiwan High Speed Rail Corp. | 277,000 | 263,562 |
| Taiwan Mobile Company, Ltd. | 266,000 | 988,440 |
| Taiwan Semiconductor Manufacturing Company, Ltd. | 3,921,816 | 74,165,177 |
| The Shanghai Commercial & Savings Bank, Ltd. | 558,000 | 968,234 |
| Unimicron Technology Corp. | 192,000 | 1,409,207 |
| Uni-President Enterprises Corp. | 759,000 | 1,756,257 |
| United Microelectronics Corp. | 1,893,000 | 3,335,680 |
| Vanguard International Semiconductor Corp. | 144,000 | 528,193 |
| Voltronic Power Technology Corp. | 10,000 | 505,395 |
| Wan Hai Lines, Ltd. | 97,300 | 520,805 |
| Win Semiconductors Corp. | 54,000 | 416,969 |
| Winbond Electronics Corp. | 478,000 | 477,180 |
| Wiwynn Corp. | 13,000 | 409,556 |
| WPG Holdings, Ltd. | 248,960 | 451,510 |
| Yageo Corp. | 69,556 | 962,091 |
| Yang Ming Marine Transport Corp. (B) | 279,000 | 1,184,847 |
| Yuantai Financial Holding Company, Ltd. | 1,553,480 | 1,296,724 |
| Zhen Ding Technology Holding, Ltd. | 107,000 | 442,395 |
| | | 170,717,400 |
| Thailand - 0.6% | | |
| Advanced Info Service PCL, NVDR | 228,200 | 1,445,574 |
| Airports of Thailand PCL, NVDR (B) | 820,900 | 1,672,386 |
| Asset World Corp. PCL | 96,000 | 14,308 |
| Asset World Corp. PCL, NVDR | 1,435,100 | 213,887 |
| B. Grimm Power PCL, NVDR | 143,700 | 144,574 |
| Bangkok Commercial Asset Management PCL, NVDR | 342,500 | 186,997 |
| Bangkok Dusit Medical Services PCL, NVDR | 1,831,000 | 1,377,447 |
| Bangkok Expressway & Metro PCL, NVDR | 1,404,900 | 375,202 |
| Berli Jucker PCL, NVDR | 231,100 | 244,584 |
| BTS Group Holdings PCL, NVDR | 1,464,100 | 380,373 |
| Bumrungrad Hospital PCL, NVDR | 90,900 | 463,519 |
| Carabao Group PCL, NVDR | 57,100 | 183,978 |
| Central Pattana PCL, NVDR | 386,600 | 724,911 |
| Central Retail Corp. PCL, NVDR | 341,133 | 378,545 |
| Charoen Pokphand Foods PCL, NVDR | 744,700 | 564,696 |
| CP ALL PCL, NVDR | 1,117,200 | 2,160,950 |
| Delta Electronics Thailand PCL | 30,200 | 303,544 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| Thailand (continued) | | |
| Delta Electronics Thailand PCL, NVDR | 29,800 | \$ 299,523 |
| Electricity Generating PCL, NVDR | 50,400 | 264,841 |
| Energy Absolute PCL, NVDR | 286,300 | 749,227 |
| Global Power Synergy PCL, NVDR | 134,000 | 260,752 |
| Gulf Energy Development PCL | 15,000 | 21,233 |
| Gulf Energy Development PCL, NVDR | 542,400 | 767,799 |
| Home Product Center PCL, NVDR | 1,127,500 | 489,366 |
| Indorama Ventures PCL, NVDR | 326,600 | 468,580 |
| Intouch Holdings PCL, NVDR | 216,900 | 453,168 |
| Krung Thai Bank PCL, NVDR | 711,000 | 313,513 |
| Krungthai Card PCL, NVDR | 173,100 | 309,366 |
| Land & Houses PCL, NVDR | 1,616,200 | 422,640 |
| Minor International PCL, NVDR (B) | 591,000 | 603,730 |
| Muangthai Capital PCL, NVDR | 144,400 | 207,415 |
| Osotspa PCL, NVDR | 213,800 | 216,745 |
| PTT Exploration & Production PCL, NVDR | 264,600 | 1,302,738 |
| PTT Global Chemical PCL, NVDR | 445,700 | 627,056 |
| PTT Oil & Retail Business PCL, NVDR | 568,300 | 459,641 |
| PTT PCL, NVDR | 1,919,300 | 2,137,248 |
| Ratch Group PCL, NVDR | 231,700 | 282,863 |
| SCB X PCL, NVDR | 161,600 | 533,629 |
| SCG Packaging PCL, NVDR | 258,700 | 428,528 |
| Sri Trang Gloves Thailand PCL, NVDR | 197,700 | 115,943 |
| Srisawad Corp. PCL, NVDR | 149,300 | 241,743 |
| Thai Oil PCL, NVDR | 208,200 | 349,581 |
| Thai Union Group PCL, NVDR | 561,400 | 281,851 |
| The Siam Cement PCL, NVDR | 150,500 | 1,633,289 |
| True Corp. PCL, NVDR | 2,215,100 | 284,363 |
| | | 25,361,846 |
| Turkey - 0.1% | | |
| Akbank TAS | 424,411 | 215,377 |
| Aselsan Elektronik Sanayi Ve Ticaret AS | 107,927 | 160,740 |
| BIM Birlesik Magazalar AS | 58,396 | 293,556 |
| Eregli Demir ve Celik Fabrikalari TAS | 187,013 | 389,115 |
| Ford Otomotiv Sanayi AS | 9,081 | 170,652 |
| KOC Holding AS | 102,399 | 250,707 |
| Turkcell Iletisim Hizmetleri AS | 159,898 | 188,410 |
| Turkiye Is Bankasi AS, Class C | 227,703 | 150,034 |
| Turkiye Petrol Rafinerileri AS (B) | 15,778 | 255,979 |
| Turkiye Sise ve Cam Fabrikalari AS | 186,325 | 238,249 |
| | | 2,312,819 |
| United Arab Emirates - 0.4% | | |
| Abu Dhabi Commercial Bank PJSC | 518,592 | 1,410,351 |
| Abu Dhabi Islamic Bank PJSC | 271,901 | 616,669 |
| Abu Dhabi National Oil Company for Distribution PJSC | 454,408 | 518,311 |
| Aldar Properties PJSC | 719,279 | 1,035,617 |
| Dubai Islamic Bank PJSC | 540,703 | 875,767 |
| Emaar Properties PJSC | 750,512 | 1,165,545 |
| Emirates NBD Bank PJSC | 469,012 | 1,678,927 |
| Emirates Telecommunications Group Company PJSC | 646,478 | 5,335,758 |
| First Abu Dhabi Bank PJSC | 819,188 | 4,785,773 |
| NMC Health PLC (B) | 5,577 | 2 |
| | | 17,422,720 |
| United Kingdom - 12.5% | | |
| 3i Group PLC | 234,954 | 3,757,375 |
| abrdn PLC | 543,430 | 1,334,807 |
| Admiral Group PLC | 47,119 | 1,319,205 |
| Anglo American PLC | 306,242 | 15,086,541 |
| Ashtead Group PLC | 106,861 | 5,599,189 |
| Associated British Foods PLC | 85,174 | 1,853,575 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|-------------------------------------|----------------------------------|---------------|
| COMMON STOCKS (continued) | | |
| United Kingdom (continued) | | |
| AstraZeneca PLC | 370,935 | \$ 49,024,044 |
| Auto Trader Group PLC (C) | 225,088 | 1,674,464 |
| AVEVA Group PLC | 28,805 | 827,421 |
| Aviva PLC | 702,785 | 3,808,463 |
| BAE Systems PLC | 767,061 | 7,316,326 |
| Barclays PLC | 3,996,879 | 8,519,706 |
| Barratt Developments PLC | 246,728 | 1,569,703 |
| BP PLC | 4,723,361 | 25,669,381 |
| British American Tobacco PLC | 522,276 | 23,035,007 |
| BT Group PLC | 2,136,851 | 5,036,531 |
| Bunzl PLC | 80,594 | 2,809,682 |
| Burberry Group PLC | 96,822 | 2,088,917 |
| CNH Industrial NV | 184,732 | 2,761,233 |
| Coca-Cola Europacific Partners PLC | 20,878 | 1,109,248 |
| Compass Group PLC | 426,932 | 9,570,229 |
| Croda International PLC | 33,343 | 2,903,298 |
| Diageo PLC | 558,096 | 25,929,781 |
| Entain PLC (B) | 140,373 | 2,591,859 |
| Ferguson PLC | 52,929 | 6,364,775 |
| GSK PLC | 1,204,814 | 26,265,337 |
| Halma PLC | 90,755 | 2,550,236 |
| Hargreaves Lansdown PLC | 85,965 | 927,242 |
| HSBC Holdings PLC | 4,875,714 | 32,648,886 |
| Imperial Brands PLC | 226,947 | 5,124,451 |
| Informa PLC (B) | 357,873 | 2,459,885 |
| InterContinental Hotels Group PLC | 43,753 | 2,722,201 |
| Intertek Group PLC | 38,452 | 2,246,326 |
| J Sainsbury PLC | 417,112 | 1,199,728 |
| JD Sports Fashion PLC | 610,192 | 942,735 |
| Johnson Matthey PLC | 46,360 | 1,232,059 |
| Kingfisher PLC | 500,468 | 1,662,057 |
| Land Securities Group PLC | 166,540 | 1,608,305 |
| Legal & General Group PLC | 1,453,536 | 4,758,647 |
| Lloyds Banking Group PLC | 17,017,615 | 9,673,171 |
| London Stock Exchange Group PLC | 78,878 | 7,360,328 |
| M&G PLC | 618,828 | 1,685,054 |
| Melrose Industries PLC | 1,055,811 | 1,801,696 |
| Mondi PLC | 116,263 | 2,260,137 |
| National Grid PLC | 864,791 | 12,757,874 |
| NatWest Group PLC | 1,354,637 | 3,901,026 |
| Next PLC | 31,613 | 2,584,394 |
| Ocado Group PLC (B) | 116,627 | 1,369,432 |
| Pearson PLC | 180,891 | 1,721,612 |
| Perstimon PLC | 76,663 | 2,102,952 |
| Phoenix Group Holdings PLC | 168,932 | 1,358,010 |
| Prudential PLC | 660,841 | 8,617,251 |
| Reckitt Benckiser Group PLC | 170,932 | 13,194,471 |
| RELX PLC | 462,865 | 13,272,421 |
| Rentokil Initial PLC | 443,520 | 2,826,497 |
| Rio Tinto PLC | 268,969 | 19,515,914 |
| Rolls-Royce Holdings PLC (B) | 2,007,895 | 2,192,984 |
| Schroders PLC | 31,527 | 1,175,798 |
| Segro PLC | 288,477 | 4,029,153 |
| Severn Trent PLC | 59,067 | 2,169,941 |
| Shell PLC | 1,843,374 | 54,519,418 |
| Smith & Nephew PLC | 210,283 | 3,430,461 |
| Smiths Group PLC | 94,966 | 1,861,378 |
| Spirax-Sarco Engineering PLC | 17,624 | 2,348,717 |
| SSE PLC | 254,258 | 5,678,374 |
| St. James's Place PLC | 131,242 | 2,140,427 |
| Standard Chartered PLC | 624,087 | 4,960,809 |
| Taylor Wimpey PLC | 878,865 | 1,441,785 |
| Tesco PLC | 1,840,136 | 6,001,460 |
| The Berkeley Group Holdings PLC (B) | 26,894 | 1,424,322 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|-------------------------|
| COMMON STOCKS (continued) | | |
| United Kingdom (continued) | | |
| The British Land Company PLC | 207,141 | \$ 1,371,081 |
| The Sage Group PLC | 243,122 | 2,011,522 |
| Unilever PLC | 615,042 | 29,713,507 |
| United Utilities Group PLC | 161,211 | 2,148,975 |
| Vodafone Group PLC | 6,537,087 | 10,762,795 |
| Whitbread PLC | 48,146 | 1,652,031 |
| WPP PLC | 278,996 | 3,238,989 |
| | | 548,185,022 |
| United States - 0.1% | | |
| Bausch Health Companies, Inc. (B) | 55,446 | 538,745 |
| BeiGene, Ltd., ADR (B) | 8,222 | 1,128,223 |
| Brookfield Renewable Corp., Class A | 23,181 | 834,982 |
| Legend Biotech Corp., ADR (B) | 8,014 | 338,912 |
| Parade Technologies, Ltd. | 12,255 | 632,106 |
| | | 3,472,968 |
| TOTAL COMMON STOCKS (Cost \$4,163,819,824) | | \$ 4,034,726,192 |
| PREFERRED SECURITIES - 1.2% | | |
| Brazil - 0.6% | | |
| Alpargatas SA | 55,300 | 253,080 |
| Banco Bradesco SA | 1,222,787 | 5,274,460 |
| Braskem SA, A Shares | 43,500 | 407,308 |
| Centrais Eletricas Brasileiras SA, B Shares | 61,500 | 538,710 |
| Cia Energetica de Minas Gerais | 317,395 | 778,035 |
| Gerdau SA | 261,200 | 1,603,182 |
| Itau Unibanco Holding SA | 1,103,200 | 6,072,469 |
| Itausa SA | 1,058,928 | 2,136,773 |
| Petroleo Brasileiro SA | 1,086,200 | 6,870,243 |
| | | 23,934,260 |
| Chile - 0.1% | | |
| Sociedad Quimica y Minera de Chile SA, B Shares | 26,664 | 2,848,092 |
| Colombia - 0.0% | | |
| Bancolombia SA | 149,959 | 1,682,564 |
| Germany - 0.3% | | |
| Bayerische Motoren Werke AG | 10,278 | 806,411 |
| Fuchs Petrolub SE | 12,143 | 373,563 |
| Henkel AG & Company KGaA | 32,352 | 2,214,836 |
| Porsche Automobil Holding SE | 27,371 | 2,241,868 |
| Sartorius AG | 4,657 | 1,882,900 |
| Volkswagen AG | 33,165 | 5,535,143 |
| | | 13,054,721 |
| South Korea - 0.2% | | |
| Hyundai Motor Company | 4,923 | 369,566 |
| Hyundai Motor Company, 2nd Preferred | 7,796 | 577,702 |
| LG Chem, Ltd. | 1,603 | 376,489 |
| LG Household & Health Care, Ltd. | 430 | 140,036 |
| Samsung Electronics Company, Ltd. | 175,440 | 8,605,556 |
| | | 10,069,349 |
| TOTAL PREFERRED SECURITIES (Cost \$51,185,088) | | \$ 51,588,986 |
| EXCHANGE-TRADED FUNDS - 3.2% | | |
| iShares India 50 ETF | 312,677 | 13,460,745 |
| iShares MSCI India ETF (A) | 3,074,620 | 127,381,507 |
| TOTAL EXCHANGE-TRADED FUNDS (Cost \$149,094,434) | | \$ 140,842,252 |
| WARRANTS - 0.0% | | |
| BTS Group Holdings PCL (Expiration Date: 11-20-26; Strike Price: THB 14.90) (B) | 100,920 | 1,154 |

International Strategic Equity Allocation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|-------------------------|
| WARRANTS (continued) | | |
| BTS Group Holdings PCL (Expiration Date: 11-7-24; Strike Price: THB 11.90) (B) | 50,460 | \$ 680 |
| BTS Group Holdings PCL (Expiration Date: 9-5-22; Strike Price: THB 9.90) (B) | 25,230 | 133 |
| Cie Financiere Richemont SA (Expiration Date: 11-22-23; Strike Price: CHF 67.00) (B) | 72,322 | 42,977 |
| Minor International PCL (Expiration Date: 2-15-24; Strike Price: THB 31.00) (B) | 5,503 | 736 |
| Minor International PCL (Expiration Date: 5-5-23; Strike Price: THB 28.00) (B) | 6,072 | 1,122 |
| Minor International PCL (Expiration Date: 7-31-23; Strike Price: THB 21.60) (B) | 12,759 | 4,723 |
| Srisawad Corp. PCL (Expiration Date: 8-29-25; Strike Price: THB 100.00) (B) | 2,652 | 488 |
| TOTAL WARRANTS (Cost \$0) | | \$ 52,013 |
| RIGHTS - 0.0% | | |
| Ecopro BM Company, Ltd. (Expiration Date: 6-20-22; Strike Price: KRW 387,600.00) (B) | 81 | 10,115 |
| Ratch Group PCL (Expiration Date: 6-7-22; Strike Price: THB 34.48) (B) | 80,500 | 17,102 |
| TOTAL RIGHTS (Cost \$0) | | \$ 27,217 |
| SHORT-TERM INVESTMENTS - 6.3% | | |
| U.S. Government Agency - 2.8% | | |
| Federal Home Loan Bank Discount Note 0.500%, 06/02/2022 * | \$ 90,900,000 | \$ 90,897,938 |
| 0.600%, 06/14/2022 * | 5,700,000 | 5,698,319 |
| 0.670%, 06/10/2022 * | 5,400,000 | 5,398,898 |
| 0.770%, 06/23/2022 * | 600,000 | 599,701 |
| Tennessee Valley Authority Discount Note 0.600%, 06/08/2022 * | 20,400,000 | 20,396,761 |
| | | 122,991,617 |
| Short-term funds - 3.5% | | |
| John Hancock Collateral Trust, 0.8437% (E)(F) | 15,103,368 | 151,014,049 |
| TOTAL SHORT-TERM INVESTMENTS (Cost \$274,003,799) | | \$ 274,005,666 |
| Total Investments (International Strategic Equity Allocation Fund) (Cost \$4,638,103,145) - 102.8% | | |
| | | \$ 4,501,242,326 |
| Other assets and liabilities, net - (2.8%) | | |
| | | (120,544,523) |
| TOTAL NET ASSETS - 100.0% | | \$ 4,380,697,803 |

Currency Abbreviations

| | |
|-----|-------------|
| CHF | Swiss Franc |
| KRW | Korean Won |
| THB | Thai Bhat |

Security Abbreviations and Legend

| | |
|------|-------------------------------|
| ADR | American Depositary Receipt |
| NVDR | Non-Voting Depositary Receipt |

(A) All or a portion of this security is on loan as of 5-31-22. The value of securities on loan amounted to \$134,297,768. In addition to the cash collateral invested in John Hancock Collateral Trust, if any, non-cash collateral of \$6,603,508 in the form of U.S. Treasuries was pledged to the fund.

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

- (B) Non-income producing security.
 (C) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
 (D) Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy.

International Strategic Equity Allocation Fund (continued)

- (E) The rate shown is the annualized seven-day yield as of 5-31-22.
 (F) Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.
 * Yield represents either the annualized yield at the date of purchase, the stated coupon rate or, for floating rate securities, the rate at period end.

DERIVATIVES

FUTURES

| Open contracts | Number of contracts | Position | Expiration date | Notional basis [^] | Notional value [^] | Unrealized appreciation (depreciation) |
|--|---------------------|----------|-----------------|-----------------------------|-----------------------------|--|
| Canadian Dollar Currency Futures | 167 | Long | Jun 2022 | \$13,107,825 | \$13,199,680 | \$91,855 |
| Mini MSCI EAFE Index Futures | 1,001 | Long | Jun 2022 | 101,638,994 | 101,916,815 | 277,821 |
| Mini MSCI Emerging Markets Index Futures | 905 | Long | Jun 2022 | 48,241,437 | 48,105,275 | (136,162) |
| S&P/TSX 60 Index Futures | 67 | Long | Jun 2022 | 13,564,841 | 13,279,756 | (285,085) |
| | | | | | | \$(51,571) |

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

Mid Value Fund

| | Shares or Principal Amount | Value |
|---|----------------------------|--------------|
| COMMON STOCKS – 94.8% | | |
| Communication services – 5.7% | | |
| Entertainment – 0.6% | | |
| Madison Square Garden Entertainment Corp. (A) | 85,400 | \$ 5,789,266 |
| Madison Square Garden Sports Corp. (A) | 24,159 | 3,958,694 |
| | | 9,747,960 |
| Media – 5.0% | | |
| DISH Network Corp., Class A (A) | 321,841 | 7,347,630 |
| Fox Corp., Class A | 255,078 | 9,057,820 |
| Fox Corp., Class B | 14,700 | 480,837 |
| News Corp., Class A | 1,780,956 | 30,988,634 |
| Paramount Global, Class B | 594,788 | 20,419,072 |
| Scholastic Corp. | 275,395 | 10,335,574 |
| | | 78,629,567 |
| Wireless telecommunication services – 0.1% | | |
| Telephone & Data Systems, Inc. | 29,265 | 518,868 |
| | | 88,896,395 |
| Consumer discretionary – 3.1% | | |
| Diversified consumer services – 0.6% | | |
| Strategic Education, Inc. | 139,263 | 9,166,291 |
| Hotels, restaurants and leisure – 0.5% | | |
| Compass Group PLC | 368,143 | 8,252,413 |
| Household durables – 1.0% | | |
| Mohawk Industries, Inc. (A) | 110,467 | 15,626,662 |
| Textiles, apparel and luxury goods – 1.0% | | |
| Ralph Lauren Corp. | 156,553 | 15,825,943 |
| | | 48,871,309 |
| Consumer staples – 9.3% | | |
| Beverages – 1.1% | | |
| Carlsberg A/S, Class B | 101,703 | 12,945,434 |

Mid Value Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Beverages (continued) | | |
| Monster Beverage Corp. (A) | 57,400 | \$ 5,115,488 |
| | | 18,060,922 |
| Food and staples retailing – 1.5% | | |
| Sysco Corp. | 277,357 | 23,347,912 |
| Food products – 6.0% | | |
| Bunge, Ltd. | 298,957 | 35,372,592 |
| Campbell Soup Company | 421,251 | 20,182,135 |
| Flowers Foods, Inc. | 1,387,790 | 38,303,004 |
| | | 93,857,731 |
| Household products – 0.7% | | |
| Kimberly-Clark Corp. | 83,002 | 11,040,926 |
| | | 146,307,491 |
| Energy – 11.2% | | |
| Energy equipment and services – 4.6% | | |
| Expro Group Holdings NV (A) | 809,337 | 11,063,637 |
| NOV, Inc. | 860,802 | 17,216,040 |
| SEACOR Marine Holdings, Inc. (A) | 358,073 | 3,186,850 |
| TechnipFMC PLC (A) | 3,339,268 | 27,515,568 |
| Tidewater, Inc. (A)(B) | 512,563 | 13,044,728 |
| | | 72,026,823 |
| Oil, gas and consumable fuels – 6.6% | | |
| APA Corp. | 307,723 | 14,466,058 |
| Cameco Corp. | 1,243,194 | 30,420,957 |
| Canadian Natural Resources, Ltd. (B) | 190,959 | 12,666,310 |
| Equitrans Midstream Corp. | 1,633,903 | 12,858,817 |
| Imperial Oil, Ltd. (B) | 589,464 | 32,685,779 |
| NAC Kazatomprom JSC, GDR | 12,881 | 361,667 |
| | | 103,459,588 |
| | | 175,486,411 |
| Financials – 18.2% | | |
| Banks – 4.2% | | |
| Fifth Third Bancorp | 734,423 | 28,958,299 |
| Popular, Inc. | 143,891 | 11,757,334 |
| Webster Financial Corp. | 196,602 | 9,651,192 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Mid Value Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|---------------|
| COMMON STOCKS (continued) | | |
| Banks (continued) | | |
| Westamerica BanCorp | 245,447 | \$ 14,778,364 |
| | | 65,145,189 |
| Capital markets – 4.4% | | |
| Lazard, Ltd., Class A | 223,917 | 7,895,313 |
| Northern Trust Corp. | 196,676 | 21,978,543 |
| Open Lending Corp., Class A (A) | 381,100 | 5,015,276 |
| State Street Corp. | 463,841 | 33,623,834 |
| | | 68,512,966 |
| Diversified financial services – 1.3% | | |
| Groupe Bruxelles Lambert SA | 153,494 | 14,155,156 |
| Jackson Financial, Inc., Class A (B) | 191,351 | 6,967,090 |
| | | 21,122,246 |
| Insurance – 8.1% | | |
| Brighthouse Financial, Inc. (A) | 148,372 | 7,288,033 |
| Brown & Brown, Inc. | 331,443 | 19,677,771 |
| CNA Financial Corp. | 407,872 | 18,696,852 |
| Kemper Corp. | 286,907 | 15,157,297 |
| Loews Corp. | 589,710 | 38,620,108 |
| Marsh & McLennan Companies, Inc. | 47,892 | 7,660,325 |
| RenaissanceRe Holdings, Ltd. | 132,820 | 20,390,526 |
| | | 127,490,912 |
| Thrifts and mortgage finance – 0.2% | | |
| Capitol Federal Financial, Inc. | 267,333 | 2,713,430 |
| | | 284,984,743 |
| Health care – 13.4% | | |
| Biotechnology – 1.3% | | |
| ACADIA Pharmaceuticals, Inc. (A) | 21,596 | 348,775 |
| Alkermes PLC (A) | 291,211 | 8,692,648 |
| BioMarin Pharmaceutical, Inc. (A) | 60,742 | 4,563,546 |
| Galapagos NV (A) | 92,464 | 5,077,159 |
| Incyte Corp. (A) | 15,723 | 1,193,218 |
| | | 19,875,346 |
| Health care equipment and supplies – 5.1% | | |
| Baxter International, Inc. | 176,909 | 13,453,929 |
| Dentsply Sirona, Inc. | 408,993 | 16,179,763 |
| Hologic, Inc. (A) | 113,992 | 8,580,178 |
| Koninklijke Philips NV | 794,460 | 20,478,508 |
| Zimmer Biomet Holdings, Inc. | 170,286 | 20,470,080 |
| Zimvie, Inc. (A) | 28,589 | 622,383 |
| | | 79,784,841 |
| Health care providers and services – 7.0% | | |
| Cardinal Health, Inc. | 616,275 | 34,708,608 |
| Centene Corp. (A) | 181,135 | 14,751,634 |
| Covetrus, Inc. (A) | 111,130 | 2,313,727 |
| Fresenius SE & Company KGaA | 271,889 | 9,325,374 |
| Patterson Companies, Inc. | 733,969 | 23,186,081 |
| Select Medical Holdings Corp. | 1,078,235 | 26,255,022 |
| | | 110,540,446 |
| | | 210,200,633 |
| Industrials – 6.1% | | |
| Aerospace and defense – 3.0% | | |
| Rolls-Royce Holdings PLC (A) | 12,160,775 | 13,281,787 |

Mid Value Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|---------------|
| COMMON STOCKS (continued) | | |
| Aerospace and defense (continued) | | |
| Textron, Inc. | 507,967 | \$ 33,165,165 |
| | | 46,446,952 |
| Air freight and logistics – 1.0% | | |
| CH Robinson Worldwide, Inc. | 148,926 | 16,159,960 |
| Commercial services and supplies – 0.1% | | |
| Cintas Corp. | 5,693 | 2,267,693 |
| Machinery – 1.4% | | |
| PACCAR, Inc. | 246,339 | 21,392,079 |
| Road and rail – 0.6% | | |
| JB Hunt Transport Services, Inc. | 50,490 | 8,713,564 |
| | | 94,980,248 |
| Information technology – 1.8% | | |
| Electronic equipment, instruments and components – 0.8% | | |
| National Instruments Corp. | 346,375 | 12,233,965 |
| Semiconductors and semiconductor equipment – 0.3% | | |
| Applied Materials, Inc. | 34,944 | 4,098,582 |
| Marvell Technology, Inc. | 21,500 | 1,271,725 |
| | | 5,370,307 |
| Technology hardware, storage and peripherals – 0.7% | | |
| Western Digital Corp. (A) | 183,100 | 11,112,339 |
| | | 28,716,611 |
| Materials – 11.1% | | |
| Chemicals – 3.0% | | |
| Corteva, Inc. | 472,587 | 29,593,398 |
| PPG Industries, Inc. | 39,731 | 5,025,574 |
| The Scotts Miracle-Gro Company | 74,479 | 7,047,203 |
| Westlake Corp. | 37,940 | 5,012,253 |
| | | 46,678,428 |
| Construction materials – 1.6% | | |
| Summit Materials, Inc., Class A (A) | 606,776 | 16,571,053 |
| Vulcan Materials Company | 53,501 | 8,820,710 |
| | | 25,391,763 |
| Containers and packaging – 0.4% | | |
| Westrock Company | 117,800 | 5,712,122 |
| Metals and mining – 6.1% | | |
| AngloGold Ashanti, Ltd., ADR (B) | 752,012 | 12,919,566 |
| Centerra Gold, Inc. | 151,061 | 1,178,774 |
| Cia de Minas Buenaventura SAA, ADR | 1,236,148 | 10,556,704 |
| Franco-Nevada Corp. | 231,366 | 32,729,824 |
| Freeport-McMoRan, Inc. | 438,225 | 17,125,833 |
| Fresnillo PLC (B) | 1,635,420 | 15,936,624 |
| Gold Fields, Ltd., ADR | 619,475 | 5,785,897 |
| | | 96,233,222 |
| | | 174,015,535 |
| Real estate – 7.8% | | |
| Equity real estate investment trusts – 7.6% | | |
| Apartment Investment and Management | | |
| Company, Class A (A) | 1,022,562 | 6,421,689 |
| Equity Commonwealth (A) | 757,074 | 20,630,267 |
| Equity Residential | 147,091 | 11,301,002 |
| Omega Healthcare Investors, Inc. | 64,100 | 1,908,257 |
| Rayonier, Inc. | 614,745 | 25,339,789 |
| Regency Centers Corp. | 234,268 | 15,979,420 |
| Vornado Realty Trust | 249,099 | 8,708,501 |
| Weyerhaeuser Company | 715,515 | 28,277,153 |
| | | 118,566,078 |
| Real estate management and development – 0.2% | | |
| The St. Joe Company | 73,101 | 3,690,869 |
| | | 122,256,947 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Mid Value Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-------------------------|
| COMMON STOCKS (continued) | | |
| Utilities – 7.1% | | |
| Electric utilities – 5.3% | | |
| FirstEnergy Corp. | 1,019,890 | \$ 43,814,477 |
| PG&E Corp. (A) | 3,224,609 | 39,340,230 |
| | | 83,154,707 |
| Gas utilities – 1.1% | | |
| National Fuel Gas Company | 241,870 | 17,784,701 |
| Independent power and renewable electricity producers – 0.0% | | |
| Vistra Corp. | 20,907 | 551,318 |
| Multi-utilities – 0.7% | | |
| CenterPoint Energy, Inc. | 328,085 | 10,515,124 |
| | | 112,005,850 |
| TOTAL COMMON STOCKS (Cost \$1,049,182,247) | | \$ 1,486,722,173 |
| CORPORATE BONDS - 0.0% | | |
| Energy - 0.0% | | |
| Weatherford International, Ltd. 11.000%, 12/01/2024 (C) | \$ 410,000 | 417,671 |
| TOTAL CORPORATE BONDS (Cost \$320,409) | | \$ 417,671 |
| SHORT-TERM INVESTMENTS – 7.3% | | |
| Short-term funds – 7.3% | | |
| John Hancock Collateral Trust, 0.8437% (D)(E) | 4,526,996 | 45,264,073 |
| State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (D) | 1,740,755 | 1,740,755 |
| T. Rowe Price Government Reserve Fund, 0.6654% (D) | 66,360,874 | 66,360,874 |
| TOTAL SHORT-TERM INVESTMENTS (Cost \$113,365,015) | | \$ 113,365,702 |
| Total Investments (Mid Value Fund) (Cost \$1,162,867,671) – 102.1% | | \$ 1,600,505,546 |
| Other assets and liabilities, net – (2.1%) | | (32,428,422) |
| TOTAL NET ASSETS – 100.0% | | \$ 1,568,077,124 |

Security Abbreviations and Legend

| | |
|-----|--|
| ADR | American Depositary Receipt |
| GDR | Global Depositary Receipt |
| (A) | Non-income producing security. |
| (B) | All or a portion of this security is on loan as of 5-31-22. The value of securities on loan amounted to \$46,052,383. In addition to the cash collateral invested in John Hancock Collateral Trust, if any, non-cash collateral of \$2,133,611 in the form of U.S. Treasuries was pledged to the fund. |
| (C) | These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. |
| (D) | The rate shown is the annualized seven-day yield as of 5-31-22. |
| (E) | Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending. |

Science & Technology Fund

| | Shares or Principal Amount | Value |
|---------------------------------------|----------------------------------|------------|
| COMMON STOCKS – 95.7% | | |
| Communication services – 12.4% | | |
| Entertainment – 2.1% | | |
| CTS Eventim AG & Company KGaA (A) | 9,309 | \$ 599,295 |

Science & Technology Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| Entertainment (continued) | | |
| Netflix, Inc. (A) | 2,887 | \$ 570,009 |
| ROBLOX Corp., Class A (A) | 66,556 | 1,992,687 |
| Take-Two Interactive Software, Inc. (A) | 919 | 114,443 |
| | | 3,276,434 |
| Interactive media and services – 9.7% | | |
| Alphabet, Inc., Class C (A) | 2,775 | 6,329,162 |
| Baidu, Inc., ADR (A) | 19,952 | 2,800,263 |
| Kanzhun, Ltd., ADR (A) | 14,878 | 300,833 |
| Meta Platforms, Inc., Class A (A) | 23,456 | 4,542,020 |
| Pinterest, Inc., Class A (A) | 45,150 | 887,198 |
| VK Company, Ltd., GDR (A)(B) | 159,991 | 50,237 |
| ZoomInfo Technologies, Inc. (A) | 7,726 | 312,053 |
| | | 15,221,766 |
| Media – 0.6% | | |
| Comcast Corp., Class A | 19,835 | 878,294 |
| | | 19,376,494 |
| Consumer discretionary – 22.1% | | |
| Automobiles – 0.7% | | |
| Rivian Automotive, Inc., Class A (A)(C) | 6,148 | 193,047 |
| Tesla, Inc. (A) | 1,131 | 857,592 |
| | | 1,050,639 |
| Diversified consumer services – 0.2% | | |
| New Oriental Education & Technology Group, Inc., ADR (A) | 27,756 | 362,493 |
| Hotels, restaurants and leisure – 5.7% | | |
| Airbnb, Inc., Class A (A) | 2,215 | 267,727 |
| Booking Holdings, Inc. (A) | 1,342 | 3,010,858 |
| Tongcheng Travel Holdings, Ltd. (A) | 513,600 | 984,694 |
| Trip.com Group, Ltd., ADR (A) | 208,143 | 4,591,635 |
| | | 8,854,914 |
| Internet and direct marketing retail – 14.9% | | |
| Alibaba Group Holding, Ltd., ADR (A) | 44,537 | 4,277,779 |
| Amazon.com, Inc. (A) | 2,665 | 6,407,166 |
| Boohoo Group PLC (A) | 582,256 | 628,032 |
| Coupang, Inc. (A) | 38,333 | 517,879 |
| Deliveroo PLC (A)(D) | 375,295 | 445,229 |
| Delivery Hero SE (A)(C)(D) | 80,278 | 3,096,177 |
| D-Market Elektronik Hizmetler ve Ticaret AS, ADR (A)(C) | 64,379 | 86,268 |
| DoorDash, Inc., Class A (A) | 9,059 | 696,728 |
| Etsy, Inc. (A) | 26,809 | 2,174,746 |
| MercadoLibre, Inc. (A) | 307 | 241,265 |
| Naspers, Ltd., N Shares | 10,289 | 1,120,791 |
| Wayfair, Inc., Class A (A)(C) | 4,249 | 252,348 |
| Zalando SE (A)(D) | 83,297 | 3,389,113 |
| | | 23,333,521 |
| Specialty retail – 0.6% | | |
| Auto1 Group SE (A)(D) | 57,114 | 613,491 |
| Warby Parker, Inc., Class A (A)(C) | 23,689 | 402,239 |
| | | 1,015,730 |
| | | 34,617,297 |
| Health care – 0.4% | | |
| Health care technology – 0.4% | | |
| Veeva Systems, Inc., Class A (A) | 3,970 | 675,932 |
| Industrials – 0.3% | | |
| Electrical equipment – 0.0% | | |
| Bloom Energy Corp., Class A (A) | 410 | 7,183 |
| Road and rail – 0.3% | | |
| Lyft, Inc., Class A (A) | 11,628 | 205,583 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Science & Technology Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|------------|
| COMMON STOCKS (continued) | | |
| Road and rail (continued) | | |
| Uber Technologies, Inc. (A) | 7,040 | \$ 163,328 |
| | | 368,911 |
| | | 376,094 |
| Information technology – 59.9% | | |
| Communications equipment – 0.5% | | |
| Arista Networks, Inc. (A) | 2,318 | 237,085 |
| F5, Inc. (A) | 3,347 | 545,695 |
| | | 782,780 |
| Electronic equipment, instruments and components – 0.5% | | |
| Cognex Corp. | 1,335 | 64,641 |
| Flex, Ltd. (A) | 27,844 | 475,297 |
| Samsung SDI Company, Ltd. | 400 | 184,976 |
| | | 724,914 |
| IT services – 8.3% | | |
| Accenture PLC, Class A | 6,635 | 1,980,282 |
| Adyen NV (A)(D) | 135 | 209,070 |
| Automatic Data Processing, Inc. | 440 | 98,094 |
| Block, Inc. (A) | 1,044 | 91,360 |
| DXC Technology Company (A) | 26,005 | 915,896 |
| Fidelity National Information Services, Inc. | 3,950 | 412,775 |
| Fiserv, Inc. (A) | 4,020 | 402,724 |
| Global Payments, Inc. | 2,290 | 300,082 |
| Mastercard, Inc., Class A | 10,380 | 3,714,691 |
| MongoDB, Inc. (A) | 10,396 | 2,465,411 |
| Okta, Inc. (A) | 2,359 | 195,915 |
| PayPal Holdings, Inc. (A) | 2,425 | 206,634 |
| Snowflake, Inc., Class A (A) | 876 | 111,821 |
| Visa, Inc., Class A | 8,815 | 1,870,279 |
| | | 12,975,034 |
| Semiconductors and semiconductor equipment – 15.5% | | |
| Advanced Micro Devices, Inc. (A) | 25,535 | 2,600,995 |
| Analog Devices, Inc. | 630 | 106,092 |
| Applied Materials, Inc. | 10,437 | 1,224,156 |
| ASML Holding NV, NYRS | 295 | 170,006 |
| Broadcom, Inc. | 2,975 | 1,725,887 |
| Infineon Technologies AG | 19,855 | 618,745 |
| KLA Corp. | 880 | 321,068 |
| Lam Research Corp. | 2,385 | 1,240,272 |
| Marvell Technology, Inc. | 15,917 | 941,491 |
| Microchip Technology, Inc. | 4,795 | 348,357 |
| Micron Technology, Inc. | 33,534 | 2,476,151 |
| Monolithic Power Systems, Inc. | 175 | 78,818 |
| NVIDIA Corp. | 22,664 | 4,231,822 |
| NXP Semiconductors NV | 3,310 | 628,106 |
| ON Semiconductor Corp. (A) | 36,136 | 2,192,732 |
| Qualcomm, Inc. | 16,311 | 2,336,061 |
| SK Hynix, Inc. | 8,186 | 709,507 |
| STMicroelectronics NV | 7,330 | 293,501 |
| Taiwan Semiconductor Manufacturing Company, Ltd., ADR | 14,260 | 1,358,978 |
| Tokyo Electron, Ltd. | 1,400 | 641,738 |
| Wolfspeed, Inc. (A) | 1,120 | 84,258 |
| | | 24,328,741 |
| Software – 28.2% | | |
| Altair Engineering, Inc., Class A (A) | 1,864 | 102,445 |
| Alteryx, Inc., Class A (A) | 6,145 | 341,969 |
| Asana, Inc., Class A (A) | 2,590 | 56,307 |
| Aspen Technology, Inc. (A) | 4,809 | 930,493 |
| Atlassian Corp. PLC, Class A (A) | 1,670 | 296,124 |
| Box, Inc., Class A (A) | 16,642 | 434,523 |
| CrowdStrike Holdings, Inc., Class A (A) | 10,385 | 1,661,496 |
| Darktrace PLC (A) | 19,570 | 90,470 |
| Datadog, Inc., Class A (A) | 17,500 | 1,669,325 |

Science & Technology Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|-----------------------|
| COMMON STOCKS (continued) | | |
| Software (continued) | | |
| ForgeRock, Inc., Class A (A)(C) | 6,387 | \$ 122,375 |
| Fortinet, Inc. (A) | 12,040 | 3,541,446 |
| HubSpot, Inc. (A) | 956 | 322,832 |
| Intuit, Inc. | 3,958 | 1,640,433 |
| KnowBe4, Inc., Class A (A) | 17,422 | 309,763 |
| Microsoft Corp. | 44,246 | 12,029,160 |
| NortonLifeLock, Inc. | 20,273 | 493,445 |
| Oracle Corp. | 8,045 | 578,596 |
| Palo Alto Networks, Inc. (A) | 7,357 | 3,698,952 |
| Paycom Software, Inc. (A) | 6,079 | 1,728,503 |
| Procore Technologies, Inc. (A) | 1,498 | 68,159 |
| Qualtrics International, Inc., Class A (A) | 28,911 | 410,536 |
| salesforce.com, Inc. (A) | 27,169 | 4,353,561 |
| Smartsheet, Inc., Class A (A) | 2,568 | 91,549 |
| TeamViewer AG (A)(D) | 44,941 | 629,870 |
| Tenable Holdings, Inc. (A) | 7,115 | 357,885 |
| The Trade Desk, Inc., Class A (A) | 13,845 | 720,632 |
| Workday, Inc., Class A (A) | 14,151 | 2,211,801 |
| Zoom Video Communications, Inc., Class A (A) | 38,017 | 4,084,927 |
| Zscaler, Inc. (A) | 7,092 | 1,085,714 |
| | | 44,063,291 |
| Technology hardware, storage and peripherals – 6.9% | | |
| Apple, Inc. | 31,600 | 4,703,344 |
| Pure Storage, Inc., Class A (A) | 170,429 | 4,044,280 |
| Samsung Electronics Company, Ltd. | 20,157 | 1,096,096 |
| Seagate Technology Holdings PLC | 11,617 | 983,611 |
| | | 10,827,331 |
| | | 93,702,091 |
| Real estate – 0.6% | | |
| Real estate management and development – 0.6% | | |
| KE Holdings, Inc., ADR (A) | 32,008 | 428,907 |
| Opendoor Technologies, Inc. (A) | 60,637 | 438,406 |
| | | 867,313 |
| TOTAL COMMON STOCKS (Cost \$172,724,445) | | \$ 149,615,221 |
| SHORT-TERM INVESTMENTS – 4.5% | | |
| Short-term funds – 0.8% | | |
| John Hancock Collateral Trust, 0.8437% (E)(F) | 84,344 | 843,332 |
| State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (E) | 325,491 | 325,491 |
| T. Rowe Price Government Reserve Fund, 0.6654% (E) | 104,305 | 104,305 |
| | | 1,273,128 |
| Repurchase agreement – 3.7% | | |
| Repurchase Agreement with State Street Corp. dated 5-31-22 at 0.060% to be repurchased at \$5,786,010 on 6-1-22, collateralized by \$6,050,700 U.S. Treasury Notes, 2.250% due 11-15-27 (valued at \$5,901,806) | \$ 5,786,000 | 5,786,000 |
| TOTAL SHORT-TERM INVESTMENTS (Cost \$7,059,062) | | \$ 7,059,128 |
| Total Investments (Science & Technology Fund) (Cost \$179,783,507) – 100.2% | | \$ 156,674,349 |
| Other assets and liabilities, net – (0.2%) | | (277,704) |
| TOTAL NET ASSETS – 100.0% | | \$ 156,396,645 |
| Security Abbreviations and Legend | | |
| ADR | American Depositary Receipt | |
| GDR | Global Depositary Receipt | |
| NYRS | New York Registry Shares | |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

Science & Technology Fund (continued)

- (A) Non-income producing security.
 (B) Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy.
 (C) All or a portion of this security is on loan as of 5-31-22. The value of securities on loan amounted to \$2,856,685. In addition to the cash collateral invested in John Hancock Collateral Trust, if any, non-cash collateral of \$3,422,064 in the form of U.S. Treasuries was pledged to the fund.
 (D) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
 (E) The rate shown is the annualized seven-day yield as of 5-31-22.
 (F) Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

U.S. Sector Rotation Fund

| | Shares or Principal Amount | Value |
|--|----------------------------------|---------------|
| COMMON STOCKS – 97.2% | | |
| Communication services – 8.3% | | |
| Diversified telecommunication services – 1.0% | | |
| AT&T, Inc. | 900,071 | \$ 19,162,512 |
| Lumen Technologies, Inc. | 116,032 | 1,420,232 |
| Verizon Communications, Inc. | 529,096 | 27,137,334 |
| | | 47,720,078 |
| Entertainment – 1.1% | | |
| Activision Blizzard, Inc. | 82,759 | 6,445,271 |
| Electronic Arts, Inc. | 29,854 | 4,139,257 |
| Live Nation Entertainment, Inc. (A) | 14,360 | 1,364,918 |
| Netflix, Inc. (A) | 47,146 | 9,308,506 |
| Take-Two Interactive Software, Inc. (A) | 16,792 | 2,091,108 |
| The Walt Disney Company (A) | 193,354 | 21,354,016 |
| Warner Bros Discovery, Inc. (A) | 234,926 | 4,334,385 |
| | | 49,037,461 |
| Interactive media and services – 4.9% | | |
| Alphabet, Inc., Class A (A) | 38,771 | 88,213,330 |
| Alphabet, Inc., Class C (A) | 35,807 | 81,667,889 |
| Match Group, Inc. (A) | 36,466 | 2,872,791 |
| Meta Platforms, Inc., Class A (A) | 297,675 | 57,641,787 |
| Twitter, Inc. (A) | 103,092 | 4,082,443 |
| | | 234,478,240 |
| Media – 1.1% | | |
| Charter Communications, Inc., Class A (A) | 18,684 | 9,471,480 |
| Comcast Corp., Class A | 708,995 | 31,394,299 |
| DISH Network Corp., Class A (A) | 39,111 | 892,904 |
| Fox Corp., Class A | 49,511 | 1,758,136 |
| Fox Corp., Class B | 22,825 | 746,606 |
| News Corp., Class A | 61,172 | 1,064,393 |
| News Corp., Class B | 18,857 | 331,506 |
| Omnicom Group, Inc. | 32,764 | 2,444,522 |
| Paramount Global, Class B | 95,107 | 3,265,023 |
| The Interpublic Group of Companies, Inc. | 61,737 | 1,989,784 |
| | | 53,358,653 |
| Wireless telecommunication services – 0.2% | | |
| T-Mobile US, Inc. (A) | 73,993 | 9,862,527 |
| | | 394,456,959 |
| Consumer discretionary – 10.2% | | |
| Auto components – 0.1% | | |
| Aptiv PLC (A) | 29,671 | 3,152,247 |

U.S. Sector Rotation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Auto components (continued) | | |
| BorgWarner, Inc. | 26,281 | \$ 1,059,650 |
| | | 4,211,897 |
| Automobiles – 1.7% | | |
| Ford Motor Company | 431,527 | 5,903,289 |
| General Motors Company (A) | 159,348 | 6,163,581 |
| Tesla, Inc. (A) | 91,832 | 69,632,532 |
| | | 81,699,402 |
| Distributors – 0.1% | | |
| Genuine Parts Company | 16,962 | 2,319,214 |
| LKQ Corp. | 31,922 | 1,640,472 |
| Pool Corp. | 4,768 | 1,900,620 |
| | | 5,860,306 |
| Hotels, restaurants and leisure – 1.2% | | |
| Booking Holdings, Inc. (A) | 3,535 | 7,930,985 |
| Caesars Entertainment, Inc. (A) | 18,417 | 923,981 |
| Carnival Corp. (A) | 69,565 | 965,562 |
| Chipotle Mexican Grill, Inc. (A) | 2,422 | 3,396,976 |
| Darden Restaurants, Inc. | 11,008 | 1,376,000 |
| Domino's Pizza, Inc. | 3,133 | 1,137,812 |
| Expedia Group, Inc. (A) | 12,927 | 1,671,849 |
| Hilton Worldwide Holdings, Inc. | 24,006 | 3,381,485 |
| Las Vegas Sands Corp. (A) | 29,574 | 1,048,694 |
| Marriott International, Inc., Class A | 23,563 | 4,042,940 |
| McDonald's Corp. | 64,339 | 16,226,939 |
| MGM Resorts International | 32,393 | 1,132,783 |
| Norwegian Cruise Line Holdings, Ltd. (A) | 35,903 | 574,807 |
| Penn National Gaming, Inc. (A) | 14,258 | 455,686 |
| Royal Caribbean Cruises, Ltd. (A) | 19,316 | 1,121,680 |
| Starbucks Corp. | 99,049 | 7,775,347 |
| Wynn Resorts, Ltd. (A) | 9,080 | 600,188 |
| Yum! Brands, Inc. | 24,891 | 3,023,510 |
| | | 56,787,224 |
| Household durables – 0.3% | | |
| D.R. Horton, Inc. | 40,033 | 3,008,480 |
| Garmin, Ltd. | 18,862 | 1,992,204 |
| Hamilton Beach Brands Holding Company, Class B | 294 | 3,034 |
| Lennar Corp., A Shares | 32,431 | 2,602,588 |
| Mohawk Industries, Inc. (A) | 6,812 | 963,626 |
| Newell Brands, Inc. | 46,977 | 1,007,187 |
| NVR, Inc. (A) | 406 | 1,806,952 |
| PulteGroup, Inc. | 30,861 | 1,396,769 |
| Whirlpool Corp. | 7,327 | 1,349,926 |
| | | 14,130,766 |
| Internet and direct marketing retail – 2.9% | | |
| Amazon.com, Inc. (A) | 55,601 | 133,675,368 |
| eBay, Inc. | 79,564 | 3,872,380 |
| Etsy, Inc. (A) | 16,103 | 1,306,275 |
| | | 138,854,023 |
| Leisure products – 0.0% | | |
| Hasbro, Inc. | 16,093 | 1,444,347 |
| Multiline retail – 0.5% | | |
| Dollar General Corp. | 32,585 | 7,179,779 |
| Dollar Tree, Inc. (A) | 31,626 | 5,070,597 |
| Target Corp. | 67,385 | 10,908,284 |
| | | 23,158,660 |
| Specialty retail – 2.9% | | |
| Advance Auto Parts, Inc. | 11,467 | 2,177,125 |
| AutoZone, Inc. (A) | 3,793 | 7,812,252 |
| Bath & Body Works, Inc. | 47,315 | 1,940,861 |
| Best Buy Company, Inc. | 39,825 | 3,268,040 |
| CarMax, Inc. (A) | 29,709 | 2,949,212 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|---------------|
| COMMON STOCKS (continued) | | |
| Specialty retail (continued) | | |
| Lowe's Companies, Inc. | 123,855 | \$ 24,188,882 |
| O'Reilly Automotive, Inc. (A) | 12,387 | 7,892,625 |
| Ross Stores, Inc. | 64,975 | 5,524,175 |
| The Home Depot, Inc. | 191,970 | 58,118,918 |
| The TJX Companies, Inc. | 219,327 | 13,942,617 |
| Tractor Supply Company | 20,937 | 3,922,756 |
| Ultra Beauty, Inc. (A) | 9,947 | 4,208,576 |
| | | 135,946,039 |
| Textiles, apparel and luxury goods – 0.5% | | |
| NIKE, Inc., Class B | 158,386 | 18,824,176 |
| PVH Corp. | 8,701 | 616,640 |
| Ralph Lauren Corp. | 5,751 | 581,369 |
| Tapestry, Inc. | 32,764 | 1,130,358 |
| Under Armour, Inc., Class A (A) | 23,211 | 245,572 |
| Under Armour, Inc., Class C (A) | 26,584 | 257,865 |
| VF Corp. | 40,080 | 2,022,437 |
| | | 23,678,417 |
| | | 485,771,081 |
| Consumer staples – 5.1% | | |
| Beverages – 1.6% | | |
| Brown-Forman Corp., Class B | 23,789 | 1,572,929 |
| Constellation Brands, Inc., Class A | 21,401 | 5,253,303 |
| Molson Coors Beverage Company, Class B | 24,509 | 1,368,583 |
| Monster Beverage Corp. (A) | 48,914 | 4,359,216 |
| PepsiCo, Inc. | 180,200 | 30,228,550 |
| The Coca-Cola Company | 506,345 | 32,092,146 |
| | | 74,874,727 |
| Food and staples retailing – 1.0% | | |
| Costco Wholesale Corp. | 42,527 | 19,826,938 |
| Sysco Corp. | 48,663 | 4,096,451 |
| The Kroger Company | 64,188 | 3,400,038 |
| Walgreens Boots Alliance, Inc. | 68,737 | 3,012,743 |
| Walmart, Inc. | 135,655 | 17,449,303 |
| | | 47,785,473 |
| Food products – 1.0% | | |
| Archer-Daniels-Midland Company | 72,885 | 6,619,416 |
| Campbell Soup Company | 26,315 | 1,260,752 |
| Conagra Brands, Inc. | 62,479 | 2,054,934 |
| General Mills, Inc. | 78,572 | 5,488,254 |
| Hormel Foods Corp. | 36,741 | 1,788,184 |
| Kellogg Company | 33,325 | 2,324,086 |
| Lamb Weston Holdings, Inc. | 18,890 | 1,276,586 |
| McCormick & Company, Inc. | 32,517 | 3,014,976 |
| Mondelez International, Inc., Class A | 180,866 | 11,495,843 |
| The Hershey Company | 18,942 | 4,010,211 |
| The J.M. Smucker Company | 14,123 | 1,770,601 |
| The Kraft Heinz Company | 92,483 | 3,498,632 |
| Tyson Foods, Inc., Class A | 38,095 | 3,413,693 |
| | | 48,016,168 |
| Household products – 0.7% | | |
| Church & Dwight Company, Inc. | 17,146 | 1,544,169 |
| Colgate-Palmolive Company | 59,759 | 4,709,607 |
| Kimberly-Clark Corp. | 23,884 | 3,177,050 |
| The Clorox Company | 8,724 | 1,268,121 |
| The Procter & Gamble Company | 169,929 | 25,129,101 |
| | | 35,828,048 |
| Personal products – 0.1% | | |
| The Estee Lauder Companies, Inc., Class A | 16,474 | 4,195,104 |
| Tobacco – 0.7% | | |
| Altria Group, Inc. | 237,514 | 12,847,132 |

U.S. Sector Rotation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|---------------|
| COMMON STOCKS (continued) | | |
| Tobacco (continued) | | |
| Philip Morris International, Inc. | 201,879 | \$ 21,449,644 |
| | | 34,296,776 |
| | | 244,996,296 |
| Energy – 5.7% | | |
| Energy equipment and services – 0.5% | | |
| Baker Hughes Company | 146,985 | 5,288,520 |
| Halliburton Company | 145,910 | 5,909,355 |
| Schlumberger NV | 227,743 | 10,467,068 |
| | | 21,664,943 |
| Oil, gas and consumable fuels – 5.2% | | |
| APA Corp. | 58,933 | 2,770,440 |
| Chevron Corp. | 312,903 | 54,651,638 |
| ConocoPhillips | 211,383 | 23,750,994 |
| Coterra Energy, Inc. | 132,139 | 4,536,332 |
| Devon Energy Corp. | 102,180 | 7,653,282 |
| Diamondback Energy, Inc. | 27,655 | 4,204,113 |
| EOG Resources, Inc. | 94,973 | 13,007,502 |
| Exxon Mobil Corp. | 687,214 | 65,972,544 |
| Hess Corp. | 44,729 | 5,504,798 |
| Kinder Morgan, Inc. | 316,548 | 6,232,830 |
| Marathon Oil Corp. | 126,381 | 3,972,155 |
| Marathon Petroleum Corp. | 93,955 | 9,563,679 |
| Occidental Petroleum Corp. | 143,998 | 9,980,501 |
| ONEOK, Inc. | 72,355 | 4,764,577 |
| Phillips 66 | 75,920 | 7,653,495 |
| Pioneer Natural Resources Company | 36,863 | 10,245,702 |
| The Williams Companies, Inc. | 197,186 | 7,307,713 |
| Valero Energy Corp. | 66,344 | 8,598,182 |
| | | 250,370,477 |
| | | 272,035,420 |
| Financials – 11.4% | | |
| Banks – 3.7% | | |
| Bank of America Corp. | 908,274 | 33,787,793 |
| Citigroup, Inc. | 253,567 | 13,543,013 |
| Citizens Financial Group, Inc. | 63,214 | 2,615,795 |
| Comerica, Inc. | 16,703 | 1,389,857 |
| Fifth Third Bancorp | 87,331 | 3,443,461 |
| First Republic Bank | 22,906 | 3,551,117 |
| Huntington Bancshares, Inc. | 183,835 | 2,551,630 |
| JPMorgan Chase & Co. | 377,600 | 49,930,048 |
| KeyCorp | 118,642 | 2,368,094 |
| M&T Bank Corp. | 22,892 | 4,119,873 |
| Regions Financial Corp. | 120,322 | 2,657,913 |
| Signature Bank | 8,017 | 1,733,837 |
| SVB Financial Group (A) | 7,507 | 3,667,695 |
| The PNC Financial Services Group, Inc. | 53,671 | 9,414,430 |
| Truist Financial Corp. | 170,553 | 8,483,306 |
| U.S. Bancorp | 172,564 | 9,157,971 |
| Wells Fargo & Company | 496,551 | 22,727,139 |
| Zions Bancorp NA | 19,362 | 1,104,408 |
| | | 176,247,380 |
| Capital markets – 2.7% | | |
| Ameriprise Financial, Inc. | 14,137 | 3,905,629 |
| BlackRock, Inc. | 18,168 | 12,155,845 |
| Choe Global Markets, Inc. | 13,589 | 1,526,181 |
| CME Group, Inc. | 45,786 | 9,103,630 |
| FactSet Research Systems, Inc. | 4,813 | 1,837,507 |
| Franklin Resources, Inc. | 35,834 | 970,385 |
| Intercontinental Exchange, Inc. | 71,605 | 7,331,636 |
| Invesco, Ltd. | 43,405 | 839,453 |
| MarketAxess Holdings, Inc. | 4,851 | 1,366,430 |
| Moody's Corp. | 20,603 | 6,213,247 |
| Morgan Stanley | 180,602 | 15,557,056 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Capital markets (continued) | | |
| MSCI, Inc. | 10,355 | \$ 4,580,534 |
| Nasdaq, Inc. | 14,919 | 2,316,324 |
| Northern Trust Corp. | 26,455 | 2,956,346 |
| Raymond James Financial, Inc. | 23,788 | 2,342,880 |
| S&P Global, Inc. | 45,129 | 15,771,683 |
| State Street Corp. | 46,624 | 3,379,774 |
| T. Rowe Price Group, Inc. | 29,199 | 3,710,901 |
| The Bank of New York Mellon Corp. | 94,226 | 4,391,874 |
| The Charles Schwab Corp. | 191,551 | 13,427,725 |
| The Goldman Sachs Group, Inc. | 43,246 | 14,134,955 |
| | | 127,819,995 |
| Consumer finance – 0.6% | | |
| American Express Company | 78,367 | 13,229,917 |
| Capital One Financial Corp. | 52,752 | 6,744,871 |
| Discover Financial Services | 36,706 | 4,165,764 |
| Synchrony Financial | 66,368 | 2,458,271 |
| | | 26,598,823 |
| Diversified financial services – 1.5% | | |
| Berkshire Hathaway, Inc., Class B (A) | 233,349 | 73,733,617 |
| Insurance – 2.9% | | |
| Aflac, Inc. | 109,542 | 6,634,959 |
| American International Group, Inc. | 151,561 | 8,893,599 |
| Aon PLC, Class A | 39,199 | 10,805,981 |
| Arthur J. Gallagher & Company | 38,041 | 6,160,360 |
| Assurant, Inc. | 10,401 | 1,837,753 |
| Brown & Brown, Inc. | 42,796 | 2,540,799 |
| Chubb, Ltd. | 78,614 | 16,610,352 |
| Cincinnati Financial Corp. | 27,358 | 3,497,994 |
| Everest Re Group, Ltd. | 7,178 | 2,027,785 |
| Globe Life, Inc. | 16,929 | 1,651,763 |
| Lincoln National Corp. | 30,352 | 1,758,291 |
| Loews Corp. | 35,773 | 2,342,774 |
| Marsh & McLennan Companies, Inc. | 92,139 | 14,737,633 |
| MetLife, Inc. | 128,053 | 8,629,492 |
| Principal Financial Group, Inc. | 44,377 | 3,236,415 |
| Prudential Financial, Inc. | 69,005 | 7,331,781 |
| The Allstate Corp. | 51,205 | 6,999,211 |
| The Hartford Financial Services Group, Inc. | 61,126 | 4,432,246 |
| The Progressive Corp. | 106,647 | 12,731,519 |
| The Travelers Companies, Inc. | 44,018 | 7,880,983 |
| W.R. Berkley Corp. | 38,235 | 2,719,656 |
| Willis Towers Watson PLC | 22,271 | 4,700,740 |
| | | 138,162,086 |
| | | 542,561,901 |
| Health care – 14.5% | | |
| Biotechnology – 2.0% | | |
| AbbVie, Inc. | 231,228 | 34,076,070 |
| Amgen, Inc. | 73,679 | 18,916,346 |
| Biogen, Inc. (A) | 19,209 | 3,841,800 |
| Gilead Sciences, Inc. | 164,092 | 10,641,366 |
| Incyte Corp. (A) | 24,620 | 1,868,412 |
| Moderna, Inc. (A) | 46,139 | 6,705,381 |
| Regeneron Pharmaceuticals, Inc. (A) | 13,955 | 9,276,447 |
| Vertex Pharmaceuticals, Inc. (A) | 33,290 | 8,943,359 |
| | | 94,269,181 |
| Health care equipment and supplies – 2.6% | | |
| Abbott Laboratories | 229,640 | 26,973,514 |
| ABIOMED, Inc. (A) | 5,909 | 1,558,203 |
| Align Technology, Inc. (A) | 9,519 | 2,642,855 |
| Baxter International, Inc. | 65,011 | 4,944,087 |
| Becton, Dickinson and Company | 36,977 | 9,458,717 |
| Boston Scientific Corp. (A) | 185,082 | 7,590,213 |

U.S. Sector Rotation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Health care equipment and supplies (continued) | | |
| Dentsply Sirona, Inc. | 28,376 | \$ 1,122,555 |
| Dexcom, Inc. (A) | 12,593 | 3,751,958 |
| Edwards Lifesciences Corp. (A) | 81,067 | 8,175,607 |
| Hologic, Inc. (A) | 32,464 | 2,443,565 |
| IDEXX Laboratories, Inc. (A) | 11,011 | 4,312,128 |
| Intuitive Surgical, Inc. (A) | 46,462 | 10,576,610 |
| Medtronic PLC | 174,608 | 17,486,991 |
| ResMed, Inc. | 18,990 | 3,863,705 |
| STERIS PLC | 13,000 | 2,966,600 |
| Stryker Corp. | 43,610 | 10,226,545 |
| Teleflex, Inc. | 6,089 | 1,752,049 |
| The Cooper Companies, Inc. | 6,405 | 2,246,490 |
| Zimmer Biomet Holdings, Inc. | 27,113 | 3,259,254 |
| | | 125,351,646 |
| Health care providers and services – 3.1% | | |
| AmerisourceBergen Corp. | 19,566 | 3,028,621 |
| Anthem, Inc. | 31,518 | 16,061,888 |
| Cardinal Health, Inc. | 35,948 | 2,024,591 |
| Centene Corp. (A) | 75,756 | 6,169,569 |
| Cigna Corp. | 41,934 | 11,250,473 |
| CVS Health Corp. | 170,473 | 16,493,263 |
| DaVita, Inc. (A) | 8,004 | 780,310 |
| HCA Healthcare, Inc. | 31,101 | 6,543,650 |
| Henry Schein, Inc. (A) | 18,010 | 1,542,376 |
| Humana, Inc. | 16,694 | 7,582,916 |
| Laboratory Corp. of America Holdings | 12,097 | 2,984,572 |
| McKesson Corp. | 19,460 | 6,396,307 |
| Molina Healthcare, Inc. (A) | 7,586 | 2,201,609 |
| Quest Diagnostics, Inc. | 15,448 | 2,178,477 |
| UnitedHealth Group, Inc. | 122,315 | 60,763,646 |
| Universal Health Services, Inc., Class B | 9,510 | 1,185,041 |
| | | 147,187,309 |
| Health care technology – 0.1% | | |
| Cerner Corp. | 38,227 | 3,625,831 |
| Life sciences tools and services – 2.5% | | |
| Agilent Technologies, Inc. | 57,258 | 7,303,830 |
| Bio-Rad Laboratories, Inc., Class A (A) | 4,120 | 2,215,695 |
| Bio-Techne Corp. | 7,485 | 2,767,429 |
| Charles River Laboratories International, Inc. (A) | 9,633 | 2,254,893 |
| Danaher Corp. | 121,321 | 32,006,906 |
| Ilumina, Inc. (A) | 29,786 | 7,133,151 |
| IQVIA Holdings, Inc. (A) | 36,405 | 7,836,176 |
| Mettler-Toledo International, Inc. (A) | 4,382 | 5,635,778 |
| PerkinElmer, Inc. | 24,044 | 3,598,665 |
| Thermo Fisher Scientific, Inc. | 75,120 | 42,635,858 |
| Waters Corp. (A) | 11,636 | 3,816,026 |
| West Pharmaceutical Services, Inc. | 14,114 | 4,380,703 |
| | | 121,585,110 |
| Pharmaceuticals – 4.2% | | |
| Bristol-Myers Squibb Company | 283,098 | 21,359,744 |
| Catalent, Inc. (A) | 23,264 | 2,397,588 |
| Eli Lilly & Company | 103,135 | 32,326,634 |
| Johnson & Johnson | 341,960 | 61,392,079 |
| Merck & Company, Inc. | 328,105 | 30,195,503 |
| Organon & Company | 32,944 | 1,250,554 |
| Pfizer, Inc. | 729,069 | 38,669,820 |
| Viatis, Inc. | 156,989 | 1,926,255 |
| Zoetis, Inc. | 61,446 | 10,502,965 |
| | | 200,021,142 |
| | | 692,040,219 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Industrials – 6.2% | | |
| Aerospace and defense – 0.8% | | |
| General Dynamics Corp. | 15,468 | \$ 3,478,908 |
| Howmet Aerospace, Inc. | 25,487 | 911,670 |
| Huntington Ingalls Industries, Inc. | 2,690 | 566,137 |
| L3Harris Technologies, Inc. | 13,170 | 3,172,653 |
| Lockheed Martin Corp. | 16,267 | 7,159,269 |
| Northrop Grumman Corp. | 9,850 | 4,609,505 |
| Raytheon Technologies Corp. | 100,152 | 9,526,458 |
| Textron, Inc. | 14,784 | 965,247 |
| The Boeing Company (A) | 36,784 | 4,833,418 |
| TransDigm Group, Inc. (A) | 3,537 | 2,141,194 |
| | | 37,364,459 |
| Air freight and logistics – 0.3% | | |
| CH Robinson Worldwide, Inc. | 9,090 | 986,356 |
| Expeditors International of Washington, Inc. | 11,843 | 1,288,992 |
| FedEx Corp. | 17,030 | 3,824,597 |
| United Parcel Service, Inc., Class B | 50,938 | 9,283,451 |
| | | 15,383,396 |
| Airlines – 0.1% | | |
| Alaska Air Group, Inc. (A) | 8,800 | 424,688 |
| American Airlines Group, Inc. (A) | 45,194 | 807,617 |
| Delta Air Lines, Inc. (A) | 44,742 | 1,865,294 |
| Southwest Airlines Company (A) | 41,396 | 1,898,421 |
| United Airlines Holdings, Inc. (A) | 22,637 | 1,078,200 |
| | | 6,074,220 |
| Building products – 0.4% | | |
| A.O. Smith Corp. | 18,967 | 1,140,296 |
| Allegion PLC | 12,985 | 1,449,775 |
| Carrier Global Corp. | 123,727 | 4,863,708 |
| Fortune Brands Home & Security, Inc. | 19,646 | 1,362,450 |
| Johnson Controls International PLC | 101,523 | 5,534,019 |
| Masco Corp. | 34,656 | 1,964,649 |
| Trane Technologies PLC | 33,756 | 4,660,353 |
| | | 20,975,250 |
| Commercial services and supplies – 0.7% | | |
| Cintas Corp. | 19,210 | 7,651,919 |
| Copart, Inc. (A) | 46,537 | 5,329,883 |
| Republic Services, Inc. | 45,490 | 6,088,382 |
| Rollins, Inc. | 49,303 | 1,748,284 |
| Waste Management, Inc. | 83,871 | 13,294,392 |
| | | 34,112,860 |
| Construction and engineering – 0.1% | | |
| Quanta Services, Inc. | 33,575 | 3,995,425 |
| Electrical equipment – 0.3% | | |
| AMETEK, Inc. | 20,111 | 2,442,883 |
| Eaton Corp. PLC | 34,650 | 4,802,490 |
| Emerson Electric Company | 51,635 | 4,577,959 |
| Generac Holdings, Inc. (A) | 5,490 | 1,356,469 |
| Rockwell Automation, Inc. | 10,097 | 2,152,680 |
| | | 15,332,481 |
| Industrial conglomerates – 0.8% | | |
| 3M Company | 71,453 | 10,667,218 |
| General Electric Company | 137,545 | 10,768,398 |
| Honeywell International, Inc. | 85,805 | 16,613,564 |
| | | 38,049,180 |
| Machinery – 1.5% | | |
| Caterpillar, Inc. | 70,325 | 15,179,651 |
| Cummins, Inc. | 18,523 | 3,873,530 |
| Deere & Company | 36,464 | 13,046,090 |
| Dover Corp. | 18,711 | 2,505,590 |
| Fortive Corp. | 46,607 | 2,878,914 |

U.S. Sector Rotation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Machinery (continued) | | |
| IDEX Corp. | 9,886 | \$ 1,893,663 |
| Illinois Tool Works, Inc. | 37,144 | 7,728,552 |
| Ingersoll Rand, Inc. | 52,969 | 2,497,488 |
| Nordson Corp. | 7,040 | 1,533,875 |
| Otis Worldwide Corp. | 55,268 | 4,111,939 |
| PACCAR, Inc. | 45,181 | 3,923,518 |
| Parker-Hannifin Corp. | 16,698 | 4,544,695 |
| Pentair PLC | 21,555 | 1,081,414 |
| Snap-on, Inc. | 6,939 | 1,539,625 |
| Stanley Black & Decker, Inc. | 21,186 | 2,514,566 |
| Wabtec Corp. | 24,288 | 2,294,244 |
| Xylem, Inc. | 23,444 | 1,975,157 |
| | | 73,122,511 |
| Professional services – 0.5% | | |
| Equifax, Inc. | 26,587 | 5,385,994 |
| Jacobs Engineering Group, Inc. | 28,146 | 3,942,973 |
| Leidos Holdings, Inc. | 30,596 | 3,197,282 |
| Nielsen Holdings PLC | 78,301 | 2,001,374 |
| Robert Half International, Inc. | 23,834 | 2,148,635 |
| Verisk Analytics, Inc. | 35,127 | 6,144,415 |
| | | 22,820,673 |
| Road and rail – 0.5% | | |
| CSX Corp. | 154,944 | 4,925,670 |
| JB Hunt Transport Services, Inc. | 5,870 | 1,013,045 |
| Norfolk Southern Corp. | 16,753 | 4,015,024 |
| Old Dominion Freight Line, Inc. | 6,504 | 1,679,593 |
| Union Pacific Corp. | 44,495 | 9,779,111 |
| | | 21,412,443 |
| Trading companies and distributors – 0.2% | | |
| Fastenal Company | 53,107 | 2,844,411 |
| United Rentals, Inc. (A) | 6,680 | 1,991,842 |
| W.W. Grainger, Inc. | 3,992 | 1,944,383 |
| | | 6,780,636 |
| | | 295,423,534 |
| Information technology – 26.7% | | |
| Communications equipment – 0.7% | | |
| Arista Networks, Inc. (A) | 28,582 | 2,923,367 |
| Cisco Systems, Inc. | 537,391 | 24,209,465 |
| F5, Inc. (A) | 7,730 | 1,260,299 |
| Juniper Networks, Inc. | 41,407 | 1,270,367 |
| Motorola Solutions, Inc. | 21,511 | 4,726,827 |
| | | 34,390,325 |
| Electronic equipment, instruments and components – 0.6% | | |
| Amphenol Corp., Class A | 76,285 | 5,405,555 |
| CDW Corp. | 17,302 | 2,938,918 |
| Corning, Inc. | 95,211 | 3,410,458 |
| IPG Photonics Corp. (A) | 4,546 | 479,558 |
| Keysight Technologies, Inc. (A) | 23,305 | 3,393,208 |
| TE Connectivity, Ltd. | 41,465 | 5,365,156 |
| Teledyne Technologies, Inc. (A) | 5,946 | 2,409,022 |
| Trimble, Inc. (A) | 31,973 | 2,175,763 |
| Zebra Technologies Corp., Class A (A) | 6,759 | 2,285,826 |
| | | 27,863,464 |
| IT services – 4.1% | | |
| Accenture PLC, Class A | 80,507 | 24,028,119 |
| Akamai Technologies, Inc. (A) | 20,713 | 2,092,842 |
| Automatic Data Processing, Inc. | 53,505 | 11,928,405 |
| Broadridge Financial Solutions, Inc. | 14,888 | 2,176,923 |
| Cognizant Technology Solutions Corp., Class A | 66,880 | 4,995,936 |
| DXC Technology Company (A) | 31,093 | 1,095,095 |
| EPAM Systems, Inc. (A) | 7,229 | 2,447,161 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|---------------|
| COMMON STOCKS (continued) | | |
| IT services (continued) | | |
| Fidelity National Information Services, Inc. | 77,561 | \$ 8,105,125 |
| Fiserv, Inc. (A) | 75,674 | 7,581,021 |
| FleetCor Technologies, Inc. (A) | 10,347 | 2,574,437 |
| Gartner, Inc. (A) | 10,467 | 2,746,541 |
| Global Payments, Inc. | 36,286 | 4,754,917 |
| IBM Corp. | 114,214 | 15,857,472 |
| Jack Henry & Associates, Inc. | 9,275 | 1,744,813 |
| Mastercard, Inc., Class A | 109,932 | 39,341,365 |
| Paychex, Inc. | 40,896 | 5,064,152 |
| PayPal Holdings, Inc. (A) | 148,379 | 12,643,375 |
| VeriSign, Inc. (A) | 12,300 | 2,146,965 |
| Visa, Inc., Class A | 211,242 | 44,819,215 |
| | | 196,143,879 |
| Semiconductors and semiconductor equipment – 7.2% | | |
| Advanced Micro Devices, Inc. (A) | 284,671 | 28,996,588 |
| Analog Devices, Inc. | 91,499 | 15,408,432 |
| Applied Materials, Inc. | 154,659 | 18,139,954 |
| Broadcom, Inc. | 71,898 | 41,710,187 |
| Enphase Energy, Inc. (A) | 23,332 | 4,344,185 |
| Intel Corp. | 709,069 | 31,496,845 |
| KLA Corp. | 26,253 | 9,578,407 |
| Lam Research Corp. | 24,293 | 12,633,089 |
| Microchip Technology, Inc. | 96,814 | 7,033,537 |
| Micron Technology, Inc. | 195,025 | 14,400,646 |
| Monolithic Power Systems, Inc. | 7,540 | 3,395,941 |
| NVIDIA Corp. | 435,372 | 81,292,660 |
| NXP Semiconductors NV | 46,318 | 8,789,304 |
| Qorvo, Inc. (A) | 18,895 | 2,111,516 |
| Qualcomm, Inc. | 196,246 | 28,106,352 |
| Skyworks Solutions, Inc. | 28,582 | 3,111,722 |
| SolarEdge Technologies, Inc. (A) | 9,151 | 2,496,301 |
| Teradyne, Inc. | 28,360 | 3,098,614 |
| Texas Instruments, Inc. | 160,820 | 28,426,543 |
| | | 344,570,823 |
| Software – 7.6% | | |
| Adobe, Inc. (A) | 56,027 | 23,334,125 |
| ANSYS, Inc. (A) | 10,360 | 2,697,330 |
| Autodesk, Inc. (A) | 26,117 | 5,425,807 |
| Cadence Design Systems, Inc. (A) | 32,924 | 5,061,407 |
| Ceridian HCM Holding, Inc. (A) | 16,216 | 912,961 |
| Citrix Systems, Inc. | 14,812 | 1,491,420 |
| Fortinet, Inc. (A) | 16,119 | 4,741,243 |
| Intuit, Inc. | 33,634 | 13,939,948 |
| Microsoft Corp. | 890,373 | 242,065,708 |
| NortonLifeLock, Inc. | 69,072 | 1,681,212 |
| Oracle Corp. | 187,114 | 13,457,239 |
| Paycom Software, Inc. (A) | 5,715 | 1,625,003 |
| PTC, Inc. (A) | 12,500 | 1,456,625 |
| Roper Technologies, Inc. | 12,532 | 5,544,658 |
| salesforce.com, Inc. (A) | 116,979 | 18,744,715 |
| ServiceNow, Inc. (A) | 23,753 | 11,103,815 |
| Synopsys, Inc. (A) | 18,228 | 5,818,378 |
| Tyler Technologies, Inc. (A) | 4,871 | 1,733,199 |
| | | 360,834,793 |
| Technology hardware, storage and peripherals – 6.5% | | |
| Apple, Inc. | 1,975,220 | 293,991,745 |
| Hewlett Packard Enterprise Company | 164,856 | 2,571,754 |
| HP, Inc. | 137,926 | 5,357,046 |
| NetApp, Inc. | 28,345 | 2,039,423 |
| Seagate Technology Holdings PLC | 25,652 | 2,171,955 |
| Western Digital Corp. (A) | 39,844 | 2,418,132 |
| | | 308,550,055 |
| | | 1,272,353,339 |

U.S. Sector Rotation Fund (continued)

| | Shares or Principal Amount | Value |
|--|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Materials – 2.6% | | |
| Chemicals – 1.8% | | |
| Air Products & Chemicals, Inc. | 28,396 | \$ 6,989,959 |
| Albemarle Corp. | 14,972 | 3,899,008 |
| Celanese Corp. | 13,825 | 2,163,889 |
| CF Industries Holdings, Inc. | 27,444 | 2,710,644 |
| Corteva, Inc. | 93,075 | 5,828,357 |
| Dow, Inc. | 94,246 | 6,406,843 |
| DuPont de Nemours, Inc. | 65,682 | 4,456,524 |
| Eastman Chemical Company | 16,524 | 1,820,284 |
| Ecolab, Inc. | 31,927 | 5,233,155 |
| FMC Corp. | 16,237 | 1,990,331 |
| International Flavors & Fragrances, Inc. | 32,605 | 4,309,403 |
| Linde PLC | 65,640 | 21,311,995 |
| LyondellBasell Industries NV, Class A | 33,656 | 3,845,198 |
| PPG Industries, Inc. | 30,408 | 3,846,308 |
| The Mosaic Company | 47,401 | 2,969,673 |
| The Sherwin-Williams Company | 30,892 | 8,280,292 |
| | | 86,061,863 |
| Construction materials – 0.1% | | |
| Martin Marietta Materials, Inc. | 7,985 | 2,709,949 |
| Vulcan Materials Company | 16,985 | 2,800,317 |
| | | 5,510,266 |
| Containers and packaging – 0.3% | | |
| Amcor PLC | 193,884 | 2,539,880 |
| Avery Dennison Corp. | 10,592 | 1,827,756 |
| Ball Corp. | 41,456 | 2,938,816 |
| International Paper Company | 49,557 | 2,401,037 |
| Packaging Corp. of America | 12,165 | 1,913,311 |
| Sealed Air Corp. | 18,962 | 1,179,057 |
| Westrock Company | 33,745 | 1,636,295 |
| | | 14,436,152 |
| Metals and mining – 0.4% | | |
| Freeport-McMoRan, Inc. | 188,032 | 7,348,291 |
| Newmont Corp. | 102,134 | 6,929,792 |
| Nucor Corp. | 34,838 | 4,614,641 |
| | | 18,892,724 |
| | | 124,901,005 |
| Real estate – 2.6% | | |
| Equity real estate investment trusts – 2.5% | | |
| Alexandria Real Estate Equities, Inc. | 18,704 | 3,103,929 |
| American Tower Corp. | 58,490 | 14,981,044 |
| AvalonBay Communities, Inc. | 17,956 | 3,734,130 |
| Boston Properties, Inc. | 18,247 | 2,028,701 |
| Camden Property Trust | 13,138 | 1,885,172 |
| Crown Castle International Corp. | 55,512 | 10,527,851 |
| Digital Realty Trust, Inc. | 36,441 | 5,086,799 |
| Duke Realty Corp. | 48,952 | 2,586,134 |
| Equinix, Inc. | 11,564 | 7,945,509 |
| Equity Residential | 43,866 | 3,370,225 |
| Essex Property Trust, Inc. | 8,375 | 2,377,244 |
| Extra Space Storage, Inc. | 17,209 | 3,066,644 |
| Federal Realty Investment Trust | 9,080 | 1,043,928 |
| Healthpeak Properties, Inc. | 69,274 | 2,056,745 |
| Host Hotels & Resorts, Inc. | 91,784 | 1,834,762 |
| Iron Mountain, Inc. | 37,152 | 2,002,493 |
| Kimco Realty Corp. | 79,268 | 1,874,688 |
| Mid-America Apartment Communities, Inc. | 14,826 | 2,683,506 |
| Prologis, Inc. | 95,056 | 12,117,739 |
| Public Storage | 19,596 | 6,479,221 |
| Realty Income Corp. | 72,647 | 4,955,978 |
| Regency Centers Corp. | 19,804 | 1,350,831 |
| SBA Communications Corp. | 13,973 | 4,703,452 |
| Simon Property Group, Inc. | 42,213 | 4,839,720 |

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|--------------|
| COMMON STOCKS (continued) | | |
| Equity real estate investment trusts (continued) | | |
| UDR, Inc. | 38,433 | \$ 1,837,097 |
| Ventas, Inc. | 51,281 | 2,909,684 |
| Vornado Realty Trust | 20,382 | 712,555 |
| Welltower, Inc. | 55,925 | 4,982,358 |
| Weyerhaeuser Company | 95,979 | 3,793,090 |
| | | 120,871,229 |
| Real estate management and development – 0.1% | | |
| CBRE Group, Inc., Class A (A) | 42,982 | 3,560,629 |
| | | 124,431,858 |
| Utilities – 3.9% | | |
| Electric utilities – 2.5% | | |
| Alliant Energy Corp. | 44,914 | 2,866,411 |
| American Electric Power Company, Inc. | 90,320 | 9,215,350 |
| Constellation Energy Corp. | 58,498 | 3,631,556 |
| Duke Energy Corp. | 137,897 | 15,516,170 |
| Edison International | 68,089 | 4,760,102 |
| Entergy Corp. | 36,026 | 4,334,648 |
| Evergy, Inc. | 41,126 | 2,876,352 |
| Eversource Energy | 61,661 | 5,692,544 |
| Exelon Corp. | 175,578 | 8,629,659 |
| FirstEnergy Corp. | 102,251 | 4,392,703 |
| NextEra Energy, Inc. | 351,795 | 26,627,364 |
| NRG Energy, Inc. | 43,859 | 2,019,268 |
| Pinnacle West Capital Corp. | 20,188 | 1,567,598 |
| PPL Corp. | 134,679 | 4,064,612 |
| The Southern Company | 189,980 | 14,373,887 |
| Xcel Energy, Inc. | 96,599 | 7,277,769 |
| | | 117,845,993 |
| Gas utilities – 0.1% | | |
| Atmos Energy Corp. | 24,294 | 2,825,635 |
| Independent power and renewable electricity producers – 0.0% | | |
| The AES Corp. | 119,406 | 2,631,708 |
| Multi-utilities – 1.2% | | |
| Ameren Corp. | 46,203 | 4,398,064 |
| CenterPoint Energy, Inc. | 112,731 | 3,613,029 |
| CMS Energy Corp. | 51,955 | 3,690,883 |

DERIVATIVES

FUTURES

| Open contracts | Number of contracts | Position | Expiration date | Notional basis [^] | Notional value [^] | Unrealized appreciation (depreciation) |
|------------------------------|------------------------|----------|--------------------|--------------------------------|--------------------------------|--|
| S&P 500 E-Mini Index Futures | 642 | Long | Jun 2022 | \$136,683,248 | \$132,613,125 | \$(4,070,123) |
| | | | | | | \$(4,070,123) |

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

U.S. Sector Rotation Fund (continued)

| | Shares or Principal Amount | Value |
|---|----------------------------------|-------------------------|
| COMMON STOCKS (continued) | | |
| Multi-utilities (continued) | | |
| Consolidated Edison, Inc. | 63,449 | \$ 6,297,948 |
| Dominion Energy, Inc. | 145,183 | 12,227,312 |
| DTE Energy Company | 34,735 | 4,609,682 |
| NiSource, Inc. | 70,415 | 2,214,552 |
| Public Service Enterprise Group, Inc. | 90,680 | 6,215,207 |
| Sempra Energy | 57,248 | 9,380,657 |
| WEC Energy Group, Inc. | 56,560 | 5,942,759 |
| | | 58,590,093 |
| Water utilities – 0.1% | | |
| American Water Works Company, Inc. | 32,534 | 4,920,768 |
| | | 186,814,197 |
| TOTAL COMMON STOCKS (Cost \$4,889,697,896) | | \$ 4,635,785,809 |
| SHORT-TERM INVESTMENTS – 2.6% | | |
| U.S. Government Agency – 2.4% | | |
| Federal Home Loan Bank Discount Note | | |
| 0.500%, 06/01/2022 * | \$ 50,000,000 | 50,000,000 |
| 0.500%, 06/02/2022 * | 62,000,000 | 61,998,594 |
| | | 111,998,594 |
| Repurchase agreement – 0.2% | | |
| Repurchase Agreement with State Street Corp. dated 5-31-22 at 0.060% to be repurchased at \$10,200,017 on 6-1-22, collateralized by \$11,527,600 U.S. Treasury Notes, 1.000% due 7-31-28 (valued at \$10,404,050) | 10,200,000 | 10,200,000 |
| TOTAL SHORT-TERM INVESTMENTS (Cost \$122,199,137) | | \$ 122,198,594 |
| Total Investments (U.S. Sector Rotation Fund) (Cost \$5,011,897,033) – 99.8% | | \$ 4,757,984,403 |
| Other assets and liabilities, net – 0.2% | | 11,289,610 |
| TOTAL NET ASSETS – 100.0% | | \$ 4,769,274,013 |

Security Abbreviations and Legend

- (A) Non-income producing security.
* Yield represents either the annualized yield at the date of purchase, the stated coupon rate or, for floating rate securities, the rate at period end.

John Hancock Funds II

Portfolio of Investments — May 31, 2022 (unaudited) (showing percentage of total net assets)

The following funds had the following country composition as a percentage of net assets on 5-31-22:

| | | | |
|-----------------------------|---------------|--------------------------------------|---------------|
| Health Sciences Fund | | Science & Technology Fund | |
| United States | 87.4% | United States | 78.6% |
| United Kingdom | 3.5% | China | 8.8% |
| Germany | 2.2% | Germany | 5.7% |
| Netherlands | 1.9% | South Korea | 1.6% |
| Switzerland | 1.6% | Ireland | 1.3% |
| Denmark | 1.2% | Other countries | 4.0% |
| Other countries | 2.2% | TOTAL | 100.0% |
| TOTAL | 100.0% | | |
| High Yield Fund | | | |
| United States | 78.2% | | |
| Cayman Islands | 7.5% | | |
| Canada | 3.8% | | |
| United Kingdom | 1.8% | | |
| Luxembourg | 1.3% | | |
| Switzerland | 1.1% | | |
| Other countries | 6.3% | | |
| TOTAL | 100.0% | | |
| Mid Value Fund | | | |
| United States | 80.4% | | |
| Canada | 7.0% | | |
| United Kingdom | 3.1% | | |
| Netherlands | 1.3% | | |
| Bermuda | 1.3% | | |
| Belgium | 1.2% | | |
| South Africa | 1.2% | | |
| Mexico | 1.0% | | |
| Other countries | 3.5% | | |
| TOTAL | 100.0% | | |

The following funds had the following sector composition as a percentage of net assets on 5-31-22:

| | |
|---|---------------|
| International Strategic Equity Allocation Fund | |
| Financials | 22.2% |
| Industrials | 11.2% |
| Consumer discretionary | 10.1% |
| Information technology | 9.9% |
| Health care | 9.0% |
| Materials | 8.5% |
| Consumer staples | 8.2% |
| Energy | 6.1% |
| Communication services | 5.8% |
| Utilities | 3.2% |
| Real estate | 2.3% |
| Short-term investments and other | 3.5% |
| TOTAL | 100.0% |

John Hancock Funds II

Notes to Portfolio of Investments (unaudited)

Security valuation. Investments are stated at value as of the scheduled close of regular trading on the New York Stock Exchange (NYSE), normally at 4:00 P.M., Eastern Time. In case of emergency or other disruption resulting in the NYSE not opening for trading or the NYSE closing at a time other than the regularly scheduled close, the net asset value (NAV) may be determined as of the regularly scheduled close of the NYSE pursuant to the funds' Valuation Policies and Procedures.

In order to value the securities, the funds use the following valuation techniques: Equity securities, including exchange-traded or closed-end funds, are typically valued at the last sale price or official closing price on the exchange or principal market where the security trades. In the event there were no sales during the day or closing prices are not available, the securities are valued using the last available bid price. Investments in open-end mutual funds, including John Hancock Collateral Trust (JHCT), are valued at their respective NAVs each business day. Debt obligations are typically valued based on evaluated prices provided by an independent pricing vendor. Independent pricing vendors utilize matrix pricing, which takes into account factors such as institutional-size trading in similar groups of securities, yield, quality, coupon rate, maturity, type of issue, trading characteristics and other market data, as well as broker supplied prices. Exchange-traded options are valued at the mid-price of the last quoted bid and ask prices from the exchange where the option trades. Unlisted options are generally valued using evaluated prices obtained from an independent pricing vendor. Futures contracts whose settlement prices are determined as of the close of the NYSE are typically valued based on the settlement price while other futures contracts are typically valued at the last traded price on the exchange on which they trade. Foreign equity index futures that trade in the electronic trading market subsequent to the close of regular trading may be valued at the last traded price in the electronic trading market as of 4:00 P.M. ET, or may be fair valued based on fair value adjustment factors provided by an independent pricing vendor in order to adjust for events that may occur between the close of foreign exchanges or markets and the close of the NYSE. Swaps are valued using evaluated prices obtained from an independent pricing vendor. Forward foreign currency contracts are valued at the prevailing forward rates which are based on foreign currency exchange spot rates and forward points supplied by an independent pricing vendor. Foreign securities and currencies are valued in U.S. dollars based on foreign currency exchange rates supplied by an independent pricing vendor.

In certain instances, the Pricing Committee may determine to value equity securities using prices obtained from another exchange or market if trading on the exchange or market on which prices are typically obtained did not open for trading as scheduled, or if trading closed earlier than scheduled, and trading occurred as normal on another exchange or market.

Other portfolio securities and assets, for which reliable market quotations are not readily available, are valued at fair value as determined in good faith by the funds' Pricing Committee following procedures established by the Board of Trustees. The frequency with which these fair valuation procedures are used cannot be predicted and fair value of securities may differ significantly from the value that would have been used had a ready market for such securities existed. Trading in foreign securities may be completed before the scheduled daily close of trading on the NYSE. Significant events at the issuer or market level may affect the values of securities between the time when the valuation of the securities is generally determined and the close of the NYSE. If a significant event occurs, these securities may be fair valued, as determined in good faith by the funds' Pricing Committee, following procedures established by the Board of Trustees. The funds use fair value adjustment factors provided by an independent pricing vendor to value certain foreign securities in order to adjust for events that may occur between the close of foreign exchanges or markets and the close of the NYSE.

The funds use a three-tier hierarchy to prioritize the pricing assumptions, referred to as inputs, used in valuation techniques to measure fair value. Level 1 includes securities valued using quoted prices in active markets for identical securities, including registered investment companies. Level 2 includes securities valued using other significant observable inputs. Observable inputs may include quoted prices for similar securities, interest rates, prepayment speeds and credit risk. Prices for securities valued using these inputs are received from independent pricing vendors and brokers and are based on an evaluation of the inputs described. Level 3 includes securities valued using significant unobservable inputs when market prices are not readily available or reliable, including the funds' own assumptions in determining the fair value of investments. Factors used in determining value may include market or issuer specific events or trends, changes in interest rates and credit quality. The inputs or methodology used for valuing securities are not necessarily an indication of the risks associated with investing in those securities. Changes in valuation techniques and related inputs may result in transfers into or out of an assigned level within the disclosure hierarchy.

The following is a summary of the values by input classification of the funds' investments as of May 31, 2022, by major security category or type:

| | Total value at 5-31-22 | Level 1 quoted price | Level 2 significant observable inputs | Level 3 significant unobservable inputs |
|--|------------------------------|----------------------------|--|--|
| Capital Appreciation Fund | | | | |
| Investments in securities: | | | | |
| Assets | | | | |
| Common stocks | | | | |
| Communication services | \$134,502,782 | \$134,502,782 | — | — |
| Consumer discretionary | 415,676,991 | 380,097,832 | \$35,579,159 | — |
| Consumer staples | 52,672,795 | 52,672,795 | — | — |
| Energy | 24,816,929 | 24,816,929 | — | — |
| Financials | 49,769,773 | 49,769,773 | — | — |
| Health care | 158,464,277 | 158,464,277 | — | — |
| Industrials | 17,810,733 | 17,810,733 | — | — |
| Information technology | 512,534,950 | 490,227,976 | 22,306,974 | — |
| Real estate | 18,483,365 | 18,483,365 | — | — |
| Short-term investments | 71,819,952 | 71,819,952 | — | — |
| Total investments in securities | \$1,456,552,547 | \$1,398,666,414 | \$57,886,133 | — |

| | Total value at 5-31-22 | Level 1 quoted price | Level 2 significant observable inputs | Level 3 significant unobservable inputs |
|--|------------------------------|----------------------------|--|--|
| Capital Appreciation Value Fund | | | | |
| Investments in securities: | | | | |
| Assets | | | | |
| Common stocks | \$881,642,912 | \$870,908,582 | \$10,734,330 | — |
| Preferred securities | 8,526,677 | 8,526,677 | — | — |
| U.S. Government and Agency obligations | 113,424,252 | — | 113,424,252 | — |
| Corporate bonds | 98,960,695 | — | 98,960,695 | — |
| Convertible bonds | 2,220,741 | — | 2,220,741 | — |
| Term loans | 172,528,401 | — | 172,528,401 | — |
| Short-term investments | 58,785,716 | 58,785,716 | — | — |
| Total investments in securities | \$1,336,089,394 | \$938,220,975 | \$397,868,419 | — |
| Derivatives: | | | | |
| Liabilities | | | | |
| Written options | \$(1,993,434) | — | \$(1,993,434) | — |
| Core Bond Fund | | | | |
| Investments in securities: | | | | |
| Assets | | | | |
| U.S. Government and Agency obligations | \$914,918,119 | — | \$914,918,119 | — |
| Foreign government obligations | 13,290,213 | — | 13,290,213 | — |
| Corporate bonds | 437,059,361 | — | 437,059,361 | — |
| Municipal bonds | 4,115,637 | — | 4,115,637 | — |
| Collateralized mortgage obligations | 143,332,844 | — | 143,332,844 | — |
| Asset backed securities | 145,484,618 | — | 145,484,618 | — |
| Short-term investments | 56,912,428 | \$56,912,428 | — | — |
| Total investments in securities | \$1,715,113,220 | \$56,912,428 | \$1,658,200,792 | — |
| Health Sciences Fund | | | | |
| Investments in securities: | | | | |
| Assets | | | | |
| Common stocks | | | | |
| Consumer discretionary | \$826,247 | \$826,247 | — | — |
| Financials | 668,739 | 668,739 | — | — |
| Health care | 326,440,236 | 314,948,067 | \$11,457,027 | \$35,142 |
| Industrials | 1,117,355 | 1,117,355 | — | — |
| Information technology | 299,112 | — | 299,112 | — |
| Materials | 280,591 | 280,591 | — | — |
| Preferred securities | 1,810,125 | — | 1,810,125 | — |
| Warrants | 11,818 | 11,818 | — | — |
| Short-term investments | 1,462,645 | 1,462,645 | — | — |
| Total investments in securities | \$332,916,868 | \$319,315,462 | \$13,566,264 | \$35,142 |
| High Yield Fund | | | | |
| Investments in securities: | | | | |
| Assets | | | | |
| Foreign government obligations | \$1,652,773 | — | \$1,652,773 | — |
| Corporate bonds | 185,282,147 | — | 185,282,147 | — |
| Convertible bonds | 3,583,919 | — | 3,583,919 | — |
| Term loans | 11,458,213 | — | 11,021,853 | \$436,360 |
| Asset backed securities | 15,155,746 | — | 15,155,746 | — |
| Common stocks | 2,190,231 | \$2,161,176 | 21,250 | 7,805 |
| Preferred securities | 1,602,203 | 1,012,100 | — | 590,103 |
| Short-term investments | 2,611,822 | 2,611,822 | — | — |
| Total investments in securities | \$223,537,054 | \$5,785,098 | \$216,717,688 | \$1,034,268 |

| | Total value at 5-31-22 | Level 1 quoted price | Level 2 significant observable inputs | Level 3 significant unobservable inputs |
|------------------------------------|------------------------------|----------------------------|--|--|
| High Yield Fund (continued) | | | | |
| Derivatives: | | | | |
| Assets | | | | |
| Futures | \$15,878 | \$15,878 | — | — |
| Forward foreign currency contracts | 9,513 | — | \$9,513 | — |
| Swap contracts | 157,137 | — | 157,137 | — |
| Liabilities | | | | |
| Forward foreign currency contracts | (26,970) | — | (26,970) | — |
| Swap contracts | (148,305) | — | (148,305) | — |

Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

International Strategic Equity Allocation Fund

Investments in securities:

| Assets | | | | |
|----------------------|---------------|--------------|---------------|-----------|
| Common stocks | | | | |
| Australia | \$242,103,546 | — | \$242,103,546 | — |
| Austria | 6,505,565 | — | 6,505,565 | — |
| Belgium | 15,925,859 | — | 15,925,859 | — |
| Brazil | 63,492,598 | \$63,492,598 | — | — |
| Canada | 347,691,411 | 347,691,411 | — | — |
| Chile | 6,426,128 | 4,677,432 | 1,748,696 | — |
| China | 346,061,751 | 35,068,619 | 310,556,480 | \$436,652 |
| Colombia | 3,726,913 | 3,726,913 | — | — |
| Czech Republic | 1,739,514 | — | 1,739,514 | — |
| Denmark | 90,692,156 | — | 90,692,156 | — |
| Finland | 29,389,760 | — | 29,389,760 | — |
| France | 296,400,627 | — | 296,400,627 | — |
| Germany | 204,307,080 | — | 204,307,080 | — |
| Hong Kong | 106,211,429 | 728,121 | 105,228,640 | 254,668 |
| Hungary | 2,121,365 | — | 2,121,365 | — |
| Indonesia | 24,852,719 | — | 24,852,719 | — |
| Ireland | 29,197,991 | 682,272 | 28,515,719 | — |
| Israel | 18,232,044 | 6,815,803 | 11,416,241 | — |
| Italy | 54,091,027 | — | 54,091,027 | — |
| Japan | 486,923,327 | — | 486,923,327 | — |
| Jordan | 887,416 | — | 887,416 | — |
| Luxembourg | 8,622,502 | — | 8,622,502 | — |
| Macau | 851,617 | — | 851,617 | — |
| Malaysia | 16,792,798 | — | 16,792,798 | — |
| Mexico | 38,760,372 | 38,760,372 | — | — |
| Netherlands | 74,440,548 | — | 74,440,548 | — |
| New Zealand | 9,582,690 | — | 9,582,690 | — |
| Norway | 21,141,112 | — | 21,141,112 | — |
| Peru | 4,949,294 | 4,949,294 | — | — |
| Philippines | 17,477,853 | — | 17,477,853 | — |
| Poland | 7,871,523 | — | 7,871,523 | — |
| Portugal | 3,220,095 | — | 3,220,095 | — |
| Qatar | 11,802,601 | — | 11,802,601 | — |
| Romania | 449,726 | — | 449,726 | — |
| Saudi Arabia | 49,906,606 | — | 49,906,606 | — |
| Singapore | 21,706,827 | 3,359,014 | 18,347,813 | — |
| South Africa | 42,828,257 | — | 42,828,257 | — |
| South Korea | 176,291,963 | — | 176,291,963 | — |
| Spain | 67,566,379 | — | 67,566,379 | — |
| Sweden | 79,318,017 | — | 79,318,017 | — |
| Switzerland | 236,692,411 | — | 236,692,411 | — |
| Taiwan | 170,717,400 | — | 170,717,400 | — |

| | Total value at 5-31-22 | Level 1 quoted price | Level 2 significant observable inputs | Level 3 significant unobservable inputs |
|---|------------------------------|----------------------------|--|--|
| International Strategic Equity Allocation Fund (continued) | | | | |
| Thailand | \$25,361,846 | — | \$25,361,846 | — |
| Turkey | 2,312,819 | — | 2,312,819 | — |
| United Arab Emirates | 17,422,720 | — | 17,422,720 | — |
| United Kingdom | 548,185,022 | \$1,109,248 | 547,075,774 | — |
| United States | 3,472,968 | 2,840,862 | 632,106 | — |
| Preferred securities | | | | |
| Brazil | 23,934,260 | 23,934,260 | — | — |
| Chile | 2,848,092 | 2,848,092 | — | — |
| Colombia | 1,682,564 | 1,682,564 | — | — |
| Germany | 13,054,721 | — | 13,054,721 | — |
| South Korea | 10,069,349 | — | 10,069,349 | — |
| Exchange-traded funds | 140,842,252 | 140,842,252 | — | — |
| Warrants | 52,013 | 52,013 | — | — |
| Rights | 27,217 | 10,115 | 17,102 | — |
| Short-term investments | 274,005,666 | 151,014,049 | 122,991,617 | — |
| Total investments in securities | \$4,501,242,326 | \$834,285,304 | \$3,666,265,702 | \$691,320 |

Derivatives:

| | | | | |
|--------------------|-----------|-----------|---|---|
| Assets | | | | |
| Futures | \$369,676 | \$369,676 | — | — |
| Liabilities | | | | |
| Futures | (421,247) | (421,247) | — | — |

Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

Mid Value Fund

Investments in securities:

| | | | | |
|--|------------------------|------------------------|----------------------|----------|
| Assets | | | | |
| Common stocks | | | | |
| Communication services | \$88,896,395 | \$88,896,395 | — | — |
| Consumer discretionary | 48,871,309 | 40,618,896 | \$8,252,413 | — |
| Consumer staples | 146,307,491 | 133,362,057 | 12,945,434 | — |
| Energy | 175,486,411 | 175,124,744 | 361,667 | — |
| Financials | 284,984,743 | 270,829,587 | 14,155,156 | — |
| Health care | 210,200,633 | 175,319,592 | 34,881,041 | — |
| Industrials | 94,980,248 | 81,698,461 | 13,281,787 | — |
| Information technology | 28,716,611 | 28,716,611 | — | — |
| Materials | 174,015,535 | 158,078,911 | 15,936,624 | — |
| Real estate | 122,256,947 | 122,256,947 | — | — |
| Utilities | 112,005,850 | 112,005,850 | — | — |
| Corporate bonds | 417,671 | — | 417,671 | — |
| Short-term investments | 113,365,702 | 113,365,702 | — | — |
| Total investments in securities | \$1,600,505,546 | \$1,500,273,753 | \$100,231,793 | — |

Science & Technology Fund

Investments in securities:

| | | | | |
|--|----------------------|----------------------|---------------------|-----------------|
| Assets | | | | |
| Common stocks | | | | |
| Communication services | \$19,376,494 | \$18,726,962 | \$599,295 | \$50,237 |
| Consumer discretionary | 34,617,297 | 24,339,770 | 10,277,527 | — |
| Health care | 675,932 | 675,932 | — | — |
| Industrials | 376,094 | 376,094 | — | — |
| Information technology | 93,702,091 | 89,228,118 | 4,473,973 | — |
| Real estate | 867,313 | 867,313 | — | — |
| Short-term investments | 7,059,128 | 1,273,128 | 5,786,000 | — |
| Total investments in securities | \$156,674,349 | \$135,487,317 | \$21,136,795 | \$50,237 |

| | Total value at 5-31-22 | Level 1 quoted price | Level 2 significant observable inputs | Level 3 significant unobservable inputs |
|--|------------------------------|----------------------------|--|--|
| U.S. Sector Rotation Fund | | | | |
| Investments in securities: | | | | |
| Assets | | | | |
| Common stocks | | | | |
| Communication services | \$394,456,959 | \$394,456,959 | — | — |
| Consumer discretionary | 485,771,081 | 485,768,047 | \$3,034 | — |
| Consumer staples | 244,996,296 | 244,996,296 | — | — |
| Energy | 272,035,420 | 272,035,420 | — | — |
| Financials | 542,561,901 | 542,561,901 | — | — |
| Health care | 692,040,219 | 692,040,219 | — | — |
| Industrials | 295,423,534 | 295,423,534 | — | — |
| Information technology | 1,272,353,339 | 1,272,353,339 | — | — |
| Materials | 124,901,005 | 124,901,005 | — | — |
| Real estate | 124,431,858 | 124,431,858 | — | — |
| Utilities | 186,814,197 | 186,814,197 | — | — |
| Short-term investments | 122,198,594 | — | 122,198,594 | — |
| Total investments in securities | \$4,757,984,403 | \$4,635,782,775 | \$122,201,628 | — |
| Derivatives: | | | | |
| Liabilities | | | | |
| Futures | \$(4,070,123) | \$(4,070,123) | — | — |

Investment in affiliated underlying funds. The funds may invest in affiliated underlying funds that are managed by the Advisor and its affiliates. Information regarding the funds' fiscal year to date purchases and sales of the affiliated underlying funds as well as income and capital gains earned by the funds, if any, is as follows:

| Affiliate | Ending share amount | Beginning value | Cost of purchases | Proceeds from shares sold | Realized gain (loss) | Change in unrealized appreciation (depreciation) | Dividends and distributions | | Ending value |
|---|---------------------------|--------------------|----------------------|---------------------------------|----------------------------|---|-------------------------------------|---|-----------------|
| | | | | | | | Income distributions received | Capital gain distributions received | |
| Capital Appreciation Value Fund | | | | | | | | | |
| John Hancock Collateral Trust | 35,694 | — | \$44,520,826 | \$(44,162,122) | \$(1,860) | \$46 | \$37,766 | \$940 | \$356,890 |
| Core Bond Fund | | | | | | | | | |
| John Hancock Collateral Trust | — | — | \$2,878,500 | \$(2,878,114) | \$(386) | — | \$802 | — | — |
| High Yield Fund | | | | | | | | | |
| John Hancock Collateral Trust | 261,191 | \$3,833,513 | \$6,488,048 | \$(7,707,428) | \$(1,703) | \$(862) | \$24,054 | \$895 | \$2,611,568 |
| International Strategic Equity Allocation Fund | | | | | | | | | |
| John Hancock Collateral Trust | 15,103,368 | \$9,920,810 | \$469,938,034 | \$(328,832,020) | \$(14,466) | \$1,691 | \$574,239 | \$1,328 | \$151,014,049 |
| Mid Value Fund | | | | | | | | | |
| John Hancock Collateral Trust | 4,526,996 | \$8,311,553 | \$144,597,192 | \$(107,636,829) | \$(6,255) | \$(1,588) | \$108,791 | \$415 | \$45,264,073 |
| Science & Technology Fund | | | | | | | | | |
| John Hancock Collateral Trust | 84,344 | \$1,824,190 | \$34,129,226 | \$(35,108,667) | \$(1,137) | \$(280) | \$19,418 | \$310 | \$843,332 |
| U.S. Sector Rotation Fund | | | | | | | | | |
| John Hancock Collateral Trust | — | \$96,923 | \$3,105,577 | \$(3,202,365) | \$(108) | \$(27) | \$372 | \$32 | — |

Restricted securities. The funds may hold restricted securities which are restricted as to resale and the funds have limited rights to registration under the Securities Act of 1933. Disposal may involve time-consuming negotiations and expenses, and prompt sale at an acceptable price may be difficult to achieve. The following table summarizes the restricted securities held at May 31, 2022:

| Issuer, Description | Original acquisition date | Acquisition cost | Beginning share amount | Shares purchased | Shares sold | Ending share amount | Value as a percentage of net assets | Ending value |
|------------------------|------------------------------|---------------------|------------------------------|---------------------|----------------|---------------------------|---|-----------------|
| High Yield Fund | | | | | | | | |
| KCAD Holdings I, Ltd. | 3-21-11 | \$6,150,520 | 752,218,031 | — | — | 752,218,031 | 0.0% ¹ | \$752 |
| MWO Holdings LLC | 8-30-16 | 1,116,559 | 1,134 | — | — | 1,134 | 0.0% ¹ | 7,053 |

| Issuer, Description | Original acquisition date | Acquisition cost | Beginning share amount | Shares purchased | Shares sold | Ending share amount | Value as a percentage of net assets | Ending value |
|--------------------------|---------------------------|------------------|------------------------|------------------|-------------|---------------------|-------------------------------------|----------------|
| New Cotai, Inc., Class B | 4-12-13 | \$0 | 11 | — | — | 11 | 0.0% | \$0 |
| | | | | | | | | \$7,805 |

¹ Less than 0.05%.

For additional information on the funds' significant accounting policies and risks, please refer to the funds' most recent semiannual or annual shareholder report and prospectus.