

U.S. Large Cap Equity Portfolio

As of January 31, 2018 (Updated Monthly)

Source: State Street

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Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
1	APPLE INC COMMON STOCK USD.00001		41,371,283.28	2.962%	2.962%
2	AMAZON.COM INC COMMON STOCK USD.01		32,090,785.02	2.298%	5.260%
3	MICROSOFT CORP COMMON STOCK USD.00000625		31,481,088.45	2.254%	7.514%
4	JPMORGAN CHASE + CO COMMON STOCK USD1.0		20,554,674.67	1.472%	8.986%
5	JOHNSON + JOHNSON COMMON STOCK USD1.0		18,308,240.34	1.311%	10.297%
6	FACEBOOK INC A COMMON STOCK USD.000006		18,153,747.04	1.300%	11.597%
7	WELLS FARGO + CO COMMON STOCK USD1.666		15,759,901.30	1.128%	12.725%
8	AT+T INC COMMON STOCK USD1.0		15,355,174.10	1.099%	13.825%
9	ALPHABET INC CL C COMMON STOCK USD.001		15,219,749.46	1.090%	14.915%
10	EXXON MOBIL CORP COMMON STOCK		15,053,400.90	1.078%	15.993%
11	ALPHABET INC CL A COMMON STOCK USD.001		14,841,589.88	1.063%	17.055%
12	COMCAST CORP CLASS A COMMON STOCK USD.01		13,646,728.69	0.977%	18.033%
13	BERKSHIRE HATHAWAY INC CL B COMMON STOCK USD.0033		13,476,141.18	0.965%	18.997%
14	INTEL CORP COMMON STOCK USD.001		13,432,215.36	0.962%	19.959%
15	PFIZER INC COMMON STOCK USD.05		12,951,887.92	0.927%	20.887%
16	BANK OF AMERICA CORP COMMON STOCK USD.01		12,913,504.00	0.925%	21.811%
17	HOME DEPOT INC COMMON STOCK USD.05		12,668,553.10	0.907%	22.718%
18	UNITEDHEALTH GROUP INC COMMON STOCK USD.01		11,648,392.10	0.834%	23.553%
19	VERIZON COMMUNICATIONS INC COMMON STOCK USD.1		11,382,329.77	0.815%	24.368%
20	WALT DISNEY CO/THE COMMON STOCK USD.01		10,949,697.87	0.784%	25.152%
21	WALMART INC COMMON STOCK USD.1		10,903,687.60	0.781%	25.932%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
22	BOEING CO/THE COMMON STOCK USD5.0		10,823,877.28	0.775%	26.707%
23	PROCTER + GAMBLE CO/THE COMMON STOCK		10,656,341.82	0.763%	27.470%
24	CISCO SYSTEMS INC COMMON STOCK USD.001		10,433,809.50	0.747%	28.218%
25	VISA INC CLASS A SHARES COMMON STOCK USD.0001		10,252,577.67	0.734%	28.952%
26	ABBVIE INC COMMON STOCK USD.01		9,689,860.34	0.694%	29.645%
27	CHEVRON CORP COMMON STOCK USD.75		9,689,178.95	0.694%	30.339%
28	PEPSICO INC COMMON STOCK USD.017		9,253,596.30	0.663%	31.002%
29	COCA COLA CO/THE COMMON STOCK USD.25		9,060,850.46	0.649%	31.651%
30	MASTERCARD INC A COMMON STOCK USD.0001		8,575,567.00	0.614%	32.265%
31	MERCK + CO. INC. COMMON STOCK USD.5		8,120,627.25	0.581%	32.846%
32	ORACLE CORP COMMON STOCK USD.01		8,112,940.22	0.581%	33.427%
33	GILEAD SCIENCES INC COMMON STOCK USD.001		7,993,765.80	0.572%	33.999%
34	3M CO COMMON STOCK USD.01		7,917,804.00	0.567%	34.566%
35	INTL BUSINESS MACHINES CORP COMMON STOCK USD.2		7,400,877.00	0.530%	35.096%
36	ALTRIA GROUP INC COMMON STOCK USD.333		7,259,791.40	0.520%	35.616%
37	NVIDIA CORP COMMON STOCK USD.001		7,079,285.80	0.507%	36.123%
38	DOWDUPONT INC COMMON STOCK USD.01		6,820,943.84	0.488%	36.612%
39	CITIGROUP INC COMMON STOCK USD.01		6,732,092.88	0.482%	37.094%
40	AMGEN INC COMMON STOCK USD.0001		6,514,912.85	0.466%	37.560%
41	HONEYWELL INTERNATIONAL INC COMMON STOCK USD1.0		6,295,628.43	0.451%	38.011%
42	PHILIP MORRIS INTERNATIONAL COMMON STOCK		6,279,496.03	0.450%	38.460%
43	UNION PACIFIC CORP COMMON STOCK USD2.5		6,048,484.50	0.433%	38.894%
44	UNITED TECHNOLOGIES CORP COMMON STOCK USD1.0		5,962,722.05	0.427%	39.321%
45	QUALCOMM INC COMMON STOCK USD.0001		5,605,304.25	0.401%	39.722%
46	TEXAS INSTRUMENTS INC COMMON STOCK USD1.0		5,569,042.60	0.399%	40.121%
47	MCDONALD S CORP COMMON STOCK USD.01		5,552,123.88	0.398%	40.518%
48	ACCENTURE PLC CL A COMMON STOCK USD.0000225		5,353,881.20	0.383%	40.902%
49	CATERPILLAR INC COMMON STOCK USD1.0		5,207,169.42	0.373%	41.274%
50	AMERICAN EXPRESS CO COMMON STOCK USD.2		5,186,890.80	0.371%	41.646%
51	BROADCOM LTD COMMON STOCK		5,148,606.74	0.369%	42.014%
52	LOCKHEED MARTIN CORP COMMON STOCK USD1.0		4,943,770.20	0.354%	42.368%
53	CHARTER COMMUNICATIONS INC A COMMON STOCK USD.001		4,860,866.25	0.348%	42.717%
54	US BANCORP COMMON STOCK USD.01		4,798,160.08	0.344%	43.060%
55	LOWE S COS INC COMMON STOCK USD.5		4,646,451.18	0.333%	43.393%
56	GENERAL ELECTRIC CO COMMON STOCK USD.06		4,503,345.00	0.322%	43.715%
57	UNITED PARCEL SERVICE CL B COMMON STOCK USD.01		4,494,268.68	0.322%	44.037%
58	CVS HEALTH CORP COMMON STOCK USD.01		4,473,841.26	0.320%	44.357%
59	FEDEX CORP COMMON STOCK USD.1		4,429,874.96	0.317%	44.675%

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Equity			1,396,567,689.72		100.000%
60	BRISTOL MYERS SQUIBB CO COMMON STOCK USD.1		4,402,345.00	0.315%	44.990%
61	THERMO FISHER SCIENTIFIC INC COMMON STOCK USD1.0		4,378,212.96	0.313%	45.303%
62	STARBUCKS CORP COMMON STOCK USD.001		4,249,047.14	0.304%	45.608%
63	NIKE INC CL B COMMON STOCK USD1.0		4,240,486.98	0.304%	45.911%
64	BIOGEN INC COMMON STOCK USD.0005		4,236,325.80	0.303%	46.215%
65	COSTCO WHOLESALE CORP COMMON STOCK USD.005		4,025,624.46	0.288%	46.503%
66	ADOBE SYSTEMS INC COMMON STOCK USD.0001		3,996,598.32	0.286%	46.789%
67	PAYPAL HOLDINGS INC COMMON STOCK USD.0001		3,995,364.96	0.286%	47.075%
68	ABBOTT LABORATORIES COMMON STOCK		3,950,143.68	0.283%	47.358%
69	MICRON TECHNOLOGY INC COMMON STOCK USD.1		3,887,494.96	0.278%	47.636%
70	GENERAL MOTORS CO COMMON STOCK USD.01		3,860,921.58	0.276%	47.913%
71	GOLDMAN SACHS GROUP INC COMMON STOCK USD.01		3,854,937.10	0.276%	48.189%
72	PRICELINE GROUP INC/THE COMMON STOCK USD.008		3,783,946.95	0.271%	48.460%
73	MEDTRONIC PLC COMMON STOCK USD.1		3,729,515.58	0.267%	48.727%
74	NETFLIX INC COMMON STOCK USD.001		3,611,478.30	0.259%	48.985%
75	WALGREENS BOOTS ALLIANCE INC COMMON STOCK USD.01		3,449,090.54	0.247%	49.232%
76	CELGENE CORP COMMON STOCK USD.01		3,429,728.64	0.246%	49.478%
77	TIME WARNER INC COMMON STOCK USD.01		3,377,964.45	0.242%	49.720%
78	ELI LILLY + CO COMMON STOCK		3,338,798.40	0.239%	49.959%
79	SCHLUMBERGER LTD COMMON STOCK USD.01		3,329,715.74	0.238%	50.197%
80	DELTA AIR LINES INC COMMON STOCK USD.0001		3,228,964.06	0.231%	50.428%
81	ANTHEM INC COMMON STOCK USD.01		3,226,015.60	0.231%	50.659%
82	EXPRESS SCRIPTS HOLDING CO COMMON STOCK USD.01		3,152,314.16	0.226%	50.885%
83	TARGET CORP COMMON STOCK USD.0833		3,138,629.72	0.225%	51.110%
84	AETNA INC COMMON STOCK USD.01		3,124,938.14	0.224%	51.334%
85	GENERAL DYNAMICS CORP COMMON STOCK USD1.0		3,110,047.92	0.223%	51.556%
86	AUTOMATIC DATA PROCESSING COMMON STOCK USD.1		3,020,404.53	0.216%	51.773%
87	NEXTERA ENERGY INC COMMON STOCK USD.01		3,014,415.76	0.216%	51.989%
88	BEST BUY CO INC COMMON STOCK USD.1		2,984,939.36	0.214%	52.202%
89	CSX CORP COMMON STOCK USD1.0		2,965,153.87	0.212%	52.415%
90	RAYTHEON COMPANY COMMON STOCK USD.01		2,883,163.06	0.206%	52.621%
91	NORTHROP GRUMMAN CORP COMMON STOCK USD1.0		2,879,862.21	0.206%	52.827%
92	DOLLAR TREE INC COMMON STOCK USD.01		2,875,920.00	0.206%	53.033%
93	BANK OF NEW YORK MELLON CORP COMMON STOCK USD.01		2,863,293.30	0.205%	53.238%
94	ILLINOIS TOOL WORKS COMMON STOCK USD.01		2,797,302.69	0.200%	53.438%
95	FREEMPORT MCMORAN INC COMMON STOCK USD.1		2,774,655.00	0.199%	53.637%
96	OCCIDENTAL PETROLEUM CORP COMMON STOCK USD.2		2,766,243.06	0.198%	53.835%
97	DEERE + CO COMMON STOCK USD1.0		2,764,735.46	0.198%	54.033%

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Equity			1,396,567,689.72		100.000%
98	TJX COMPANIES INC COMMON STOCK USD1.0		2,748,309.44	0.197%	54.230%
99	CONOCOPHILLIPS COMMON STOCK USD.01		2,709,082.65	0.194%	54.424%
100	SCHWAB (CHARLES) CORP COMMON STOCK USD.01		2,699,377.38	0.193%	54.617%
101	FORD MOTOR CO COMMON STOCK USD.01		2,681,078.97	0.192%	54.809%
102	STRYKER CORP COMMON STOCK USD.1		2,640,271.56	0.189%	54.998%
103	TRAVELERS COS INC/THE COMMON STOCK		2,604,560.16	0.186%	55.185%
104	CIGNA CORP COMMON STOCK USD.25		2,585,206.80	0.185%	55.370%
105	MORGAN STANLEY COMMON STOCK USD.01		2,581,564.05	0.185%	55.555%
106	EOG RESOURCES INC COMMON STOCK USD.01		2,551,965.00	0.183%	55.737%
107	BECTON DICKINSON AND CO COMMON STOCK USD1.0		2,537,751.24	0.182%	55.919%
108	COLGATE PALMOLIVE CO COMMON STOCK USD1.0		2,526,906.88	0.181%	56.100%
109	S+P GLOBAL INC COMMON STOCK USD1.0		2,517,833.30	0.180%	56.280%
110	PNC FINANCIAL SERVICES GROUP COMMON STOCK USD5.0		2,480,597.96	0.178%	56.458%
111	MARSH + MCLENNAN COS COMMON STOCK USD1.0		2,476,702.08	0.177%	56.635%
112	CHUBB LTD COMMON STOCK		2,438,282.25	0.175%	56.810%
113	APPLIED MATERIALS INC COMMON STOCK USD.01		2,437,698.02	0.175%	56.985%
114	NORFOLK SOUTHERN CORP COMMON STOCK USD1.0		2,433,090.88	0.174%	57.159%
115	T ROWE PRICE GROUP INC COMMON STOCK USD.2		2,419,022.10	0.173%	57.332%
116	TWENTY FIRST CENTURY FOX A COMMON STOCK USD.01		2,418,426.00	0.173%	57.505%
117	EMERSON ELECTRIC CO COMMON STOCK USD.5		2,406,775.83	0.172%	57.677%
118	BLACKROCK INC COMMON STOCK USD.01		2,339,335.20	0.168%	57.845%
119	NUCOR CORP COMMON STOCK USD.4		2,338,109.28	0.167%	58.012%
120	AMERICAN INTERNATIONAL GROUP COMMON STOCK USD2.5		2,337,937.92	0.167%	58.180%
121	SOUTHWEST AIRLINES CO COMMON STOCK USD1.0		2,337,456.00	0.167%	58.347%
122	MONDELEZ INTERNATIONAL INC A COMMON STOCK		2,325,938.40	0.167%	58.514%
123	MARATHON PETROLEUM CORP COMMON STOCK		2,310,916.47	0.165%	58.679%
124	UNITED CONTINENTAL HOLDINGS COMMON STOCK USD.01		2,240,026.78	0.160%	58.840%
125	LYONDELLBASELL INDU CL A COMMON STOCK EUR.04		2,239,809.60	0.160%	59.000%
126	VALERO ENERGY CORP COMMON STOCK USD.01		2,220,745.80	0.159%	59.159%
127	HUMANA INC COMMON STOCK USD.166		2,194,046.55	0.157%	59.316%
128	MOLSON COORS BREWING CO B COMMON STOCK USD.01		2,192,501.90	0.157%	59.473%
129	INTUIT INC COMMON STOCK USD.01		2,168,260.60	0.155%	59.628%
130	MOHAWK INDUSTRIES INC COMMON STOCK USD.01		2,157,416.56	0.154%	59.783%
131	ROCKWELL COLLINS INC COMMON STOCK USD.01		2,154,073.46	0.154%	59.937%
132	MARRIOTT INTERNATIONAL CL A COMMON STOCK USD.01		2,152,637.40	0.154%	60.091%
133	DANAHER CORP COMMON STOCK USD.01		2,126,677.44	0.152%	60.243%
134	ACTIVISION BLIZZARD INC COMMON STOCK USD.000001		2,095,136.19	0.150%	60.393%
135	DAVITA INC COMMON STOCK USD.001		2,091,081.80	0.150%	60.543%

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Equity			1,396,567,689.72		100.000%
136	DUKE ENERGY CORP COMMON STOCK USD.001		2,088,728.00	0.150%	60.693%
137	FIDELITY NATIONAL INFO SERV COMMON STOCK USD.01		2,075,553.72	0.149%	60.841%
138	COGNIZANT TECH SOLUTIONS A COMMON STOCK USD.01		2,069,511.22	0.148%	60.990%
139	TE CONNECTIVITY LTD COMMON STOCK CHF.57		2,064,646.61	0.148%	61.137%
140	DEVON ENERGY CORP COMMON STOCK USD.1		2,024,896.02	0.145%	61.282%
141	WASTE MANAGEMENT INC COMMON STOCK USD.01		2,021,421.37	0.145%	61.427%
142	EBAY INC COMMON STOCK USD.001		2,020,234.72	0.145%	61.572%
143	ECOLAB INC COMMON STOCK USD1.0		2,019,903.28	0.145%	61.716%
144	ZOETIS INC COMMON STOCK USD.01		2,000,888.21	0.143%	61.860%
145	DOMINION ENERGY INC COMMON STOCK		1,994,931.12	0.143%	62.003%
146	AIR PRODUCTS + CHEMICALS INC COMMON STOCK USD1.0		1,994,174.28	0.143%	62.145%
147	CONSTELLATION BRANDS INC A COMMON STOCK USD.01		1,985,106.15	0.142%	62.287%
148	KIMBERLY CLARK CORP COMMON STOCK USD1.25		1,982,565.00	0.142%	62.429%
149	PRUDENTIAL FINANCIAL INC COMMON STOCK USD.01		1,975,857.78	0.141%	62.571%
150	KROGER CO COMMON STOCK USD1.0		1,970,485.44	0.141%	62.712%
151	HALLIBURTON CO COMMON STOCK USD2.5		1,956,505.80	0.140%	62.852%
152	ALLERGAN PLC COMMON STOCK USD.0033		1,953,477.62	0.140%	62.992%
153	ANDEAVOR COMMON STOCK USD.167		1,927,735.68	0.138%	63.130%
154	MGM RESORTS INTERNATIONAL COMMON STOCK USD.01		1,920,915.00	0.138%	63.268%
155	MCKESSON CORP COMMON STOCK USD.01		1,918,983.44	0.137%	63.405%
156	DOLLAR GENERAL CORP COMMON STOCK USD.875		1,906,379.44	0.137%	63.541%
157	ALLSTATE CORP COMMON STOCK USD.01		1,899,544.64	0.136%	63.677%
158	AMERIPRISE FINANCIAL INC COMMON STOCK USD.01		1,897,200.20	0.136%	63.813%
159	DISCOVER FINANCIAL SERVICES COMMON STOCK USD.01		1,858,701.60	0.133%	63.946%
160	CME GROUP INC COMMON STOCK USD.01		1,849,894.44	0.132%	64.079%
161	PRINCIPAL FINANCIAL GROUP COMMON STOCK USD.01		1,846,358.80	0.132%	64.211%
162	EATON CORP PLC COMMON STOCK USD.01		1,845,240.75	0.132%	64.343%
163	LABORATORY CRP OF AMER HLDGS COMMON STOCK USD.1		1,835,914.50	0.131%	64.475%
164	KINDER MORGAN INC COMMON STOCK USD.01		1,814,217.96	0.130%	64.605%
165	AFLAC INC COMMON STOCK USD.1		1,806,512.40	0.129%	64.734%
166	PHILLIPS 66 COMMON STOCK		1,801,932.80	0.129%	64.863%
167	BAXTER INTERNATIONAL INC COMMON STOCK USD1.0		1,794,915.57	0.129%	64.991%
168	BB+T CORP COMMON STOCK USD5.0		1,791,136.26	0.128%	65.120%
169	SHERWIN WILLIAMS CO/THE COMMON STOCK USD1.0		1,785,230.80	0.128%	65.248%
170	EASTMAN CHEMICAL CO COMMON STOCK USD.01		1,783,553.94	0.128%	65.375%
171	PPG INDUSTRIES INC COMMON STOCK USD1.67		1,765,396.37	0.126%	65.502%
172	IQVIA HOLDINGS INC COMMON STOCK USD.01		1,758,178.95	0.126%	65.628%
173	CENTENE CORP COMMON STOCK USD.001		1,756,055.00	0.126%	65.753%

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Equity			1,396,567,689.72		100.000%
174	MONSANTO CO COMMON STOCK USD.01		1,750,022.40	0.125%	65.879%
175	HORMEL FOODS CORP COMMON STOCK USD.01465		1,748,632.88	0.125%	66.004%
176	METLIFE INC COMMON STOCK USD.01		1,741,624.17	0.125%	66.129%
177	GAP INC/THE COMMON STOCK USD.05		1,741,609.80	0.125%	66.253%
178	GENERAL MILLS INC COMMON STOCK USD.1		1,713,581.53	0.123%	66.376%
179	PRAXAIR INC COMMON STOCK USD.01		1,697,098.41	0.122%	66.497%
180	DR HORTON INC COMMON STOCK USD.01		1,694,873.70	0.121%	66.619%
181	REGIONS FINANCIAL CORP COMMON STOCK USD.01		1,680,048.18	0.120%	66.739%
182	DXC TECHNOLOGY CO COMMON STOCK USD.01		1,677,019.30	0.120%	66.859%
183	SYNCHRONY FINANCIAL COMMON STOCK USD.001		1,675,329.28	0.120%	66.979%
184	AON PLC COMMON STOCK USD.01		1,673,625.24	0.120%	67.099%
185	WHIRLPOOL CORP COMMON STOCK USD1.0		1,671,966.72	0.120%	67.219%
186	SYSCO CORP COMMON STOCK USD1.0		1,670,267.29	0.120%	67.338%
187	SALESFORCE.COM INC COMMON STOCK USD.001		1,660,466.07	0.119%	67.457%
188	HARRIS CORP COMMON STOCK USD1.0		1,659,942.70	0.119%	67.576%
189	ROSS STORES INC COMMON STOCK USD.01		1,656,286.17	0.119%	67.695%
190	PACCAR INC COMMON STOCK USD1.0		1,655,679.36	0.119%	67.813%
191	LEAR CORP COMMON STOCK USD.01		1,634,157.54	0.117%	67.930%
192	VULCAN MATERIALS CO COMMON STOCK USD1.0		1,631,434.60	0.117%	68.047%
193	TEXTRON INC COMMON STOCK USD.125		1,607,381.99	0.115%	68.162%
194	CAPITAL ONE FINANCIAL CORP COMMON STOCK USD.01		1,590,068.20	0.114%	68.276%
195	CA INC COMMON STOCK USD.1		1,577,041.50	0.113%	68.389%
196	HP INC COMMON STOCK USD.01		1,549,100.96	0.111%	68.500%
197	FISERV INC COMMON STOCK USD.01		1,544,733.12	0.111%	68.610%
198	KRAFT HEINZ CO/THE COMMON STOCK USD.01		1,539,109.26	0.110%	68.721%
199	HUNTINGTON BANCSHARES INC COMMON STOCK USD.01		1,534,559.74	0.110%	68.831%
200	INTUITIVE SURGICAL INC COMMON STOCK USD.001		1,529,406.81	0.110%	68.940%
201	DOVER CORP COMMON STOCK USD1.0		1,527,937.06	0.109%	69.049%
202	SKYWORKS SOLUTIONS INC COMMON STOCK USD.25		1,523,280.70	0.109%	69.159%
203	WILLIAMS COS INC COMMON STOCK USD1.0		1,515,509.20	0.109%	69.267%
204	QUEST DIAGNOSTICS INC COMMON STOCK USD.01		1,513,966.74	0.108%	69.375%
205	LAS VEGAS SANDS CORP COMMON STOCK USD.001		1,512,880.32	0.108%	69.484%
206	ONEOK INC COMMON STOCK USD.01		1,512,289.98	0.108%	69.592%
207	WILLIS TOWERS WATSON PLC COMMON STOCK USD.000304635		1,507,294.71	0.108%	69.700%
208	LAM RESEARCH CORP COMMON STOCK USD.001		1,493,089.92	0.107%	69.807%
209	HARTFORD FINANCIAL SVCS GRP COMMON STOCK USD.01		1,488,332.04	0.107%	69.913%
210	APACHE CORP COMMON STOCK USD.625		1,484,613.69	0.106%	70.020%
211	L3 TECHNOLOGIES INC COMMON STOCK USD.01		1,482,970.80	0.106%	70.126%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
212	CARMAX INC COMMON STOCK USD.5		1,480,856.13	0.106%	70.232%
213	NIELSEN HOLDINGS PLC COMMON STOCK EUR.07		1,474,402.92	0.106%	70.338%
214	SOUTHERN CO/THE COMMON STOCK USD5.0		1,470,270.23	0.105%	70.443%
215	EXELON CORP COMMON STOCK		1,461,839.60	0.105%	70.548%
216	AUTOLIV INC COMMON STOCK USD1.0		1,460,150.53	0.105%	70.652%
217	WESTERN DIGITAL CORP COMMON STOCK USD.01		1,454,467.08	0.104%	70.756%
218	PROGRESSIVE CORP COMMON STOCK USD1.0		1,452,693.20	0.104%	70.860%
219	CENTURYLINK INC COMMON STOCK USD1.0		1,442,734.67	0.103%	70.964%
220	MICROCHIP TECHNOLOGY INC COMMON STOCK USD.001		1,437,345.90	0.103%	71.066%
221	NEWMONT MINING CORP COMMON STOCK USD1.6		1,434,540.12	0.103%	71.169%
222	INTERCONTINENTAL EXCHANGE IN COMMON STOCK USD.01		1,433,234.40	0.103%	71.272%
223	VIACOM INC CLASS B COMMON STOCK USD.001		1,432,982.76	0.103%	71.374%
224	CUMMINS INC COMMON STOCK USD2.5		1,431,620.00	0.103%	71.477%
225	STATE STREET CORP COMMON STOCK USD1.0		1,419,981.13	0.102%	71.579%
226	VERTEX PHARMACEUTICALS INC COMMON STOCK USD.01		1,407,381.58	0.101%	71.679%
227	XPO LOGISTICS INC COMMON STOCK USD.001		1,400,261.88	0.100%	71.780%
228	ELECTRONIC ARTS INC COMMON STOCK USD.01		1,394,782.56	0.100%	71.880%
229	NORWEGIAN CRUISE LINE HOLDIN COMMON STOCK USD.001		1,387,909.00	0.099%	71.979%
230	ESTEE LAUDER COMPANIES CL A COMMON STOCK USD.01		1,380,775.76	0.099%	72.078%
231	KOHL'S CORP COMMON STOCK USD.01		1,362,760.80	0.098%	72.175%
232	BOSTON SCIENTIFIC CORP COMMON STOCK USD.01		1,360,226.04	0.097%	72.273%
233	DR PEPPER SNAPPLE GROUP INC COMMON STOCK USD.01		1,353,548.35	0.097%	72.370%
234	TWITTER INC COMMON STOCK USD.000005		1,349,940.43	0.097%	72.466%
235	INTERNATIONAL PAPER CO COMMON STOCK USD1.0		1,346,649.78	0.096%	72.563%
236	T MOBILE US INC COMMON STOCK USD.0001		1,344,054.60	0.096%	72.659%
237	CORNING INC COMMON STOCK USD.5		1,340,087.28	0.096%	72.755%
238	FIFTH THIRD BANCORP COMMON STOCK		1,334,459.60	0.096%	72.851%
239	JM SMUCKER CO/THE COMMON STOCK		1,323,843.37	0.095%	72.945%
240	CELANESE CORP SERIES A COMMON STOCK USD.0001		1,323,553.92	0.095%	73.040%
241	ALLY FINANCIAL INC COMMON STOCK USD.1		1,320,269.73	0.095%	73.135%
242	MARTIN MARIETTA MATERIALS COMMON STOCK USD.01		1,317,453.58	0.094%	73.229%
243	INGREDION INC COMMON STOCK USD.01		1,316,173.32	0.094%	73.323%
244	CARNIVAL CORP COMMON STOCK USD.01		1,310,964.27	0.094%	73.417%
245	APTIV PLC COMMON STOCK USD.01		1,310,767.20	0.094%	73.511%
246	FLEETCOR TECHNOLOGIES INC COMMON STOCK USD.001		1,309,425.00	0.094%	73.605%
247	HUNTSMAN CORP COMMON STOCK USD.01		1,305,570.62	0.093%	73.698%
248	TESLA INC COMMON STOCK USD.001		1,302,797.87	0.093%	73.791%
249	SUNTRUST BANKS INC COMMON STOCK USD1.0		1,297,910.60	0.093%	73.884%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
250	AMERICAN ELECTRIC POWER COMMON STOCK USD6.5		1,296,434.22	0.093%	73.977%
251	UNITED RENTALS INC COMMON STOCK USD.01		1,295,479.83	0.093%	74.070%
252	TYSON FOODS INC CL A COMMON STOCK USD.1		1,295,392.20	0.093%	74.163%
253	ROCKWELL AUTOMATION INC COMMON STOCK USD1.0		1,290,079.31	0.092%	74.255%
254	RAYMOND JAMES FINANCIAL INC COMMON STOCK USD.01		1,286,228.16	0.092%	74.347%
255	GENUINE PARTS CO COMMON STOCK USD1.0		1,285,680.78	0.092%	74.439%
256	VF CORP COMMON STOCK		1,282,417.70	0.092%	74.531%
257	TIFFANY + CO COMMON STOCK USD.01		1,278,626.85	0.092%	74.623%
258	ANADARKO PETROLEUM CORP COMMON STOCK USD.1		1,271,798.95	0.091%	74.714%
259	CARDINAL HEALTH INC COMMON STOCK		1,271,257.32	0.091%	74.805%
260	PARKER HANNIFIN CORP COMMON STOCK USD.5		1,270,154.52	0.091%	74.896%
261	LKQ CORP COMMON STOCK USD.01		1,270,020.51	0.091%	74.987%
262	BORGWARNER INC COMMON STOCK USD.01		1,268,100.40	0.091%	75.077%
263	STANLEY BLACK + DECKER INC COMMON STOCK USD2.5		1,262,018.16	0.090%	75.168%
264	AKAMAI TECHNOLOGIES INC COMMON STOCK USD.01		1,255,861.53	0.090%	75.258%
265	SPIRIT AEROSYSTEMS HOLD CL A COMMON STOCK USD.01		1,252,169.88	0.090%	75.347%
266	CONCHO RESOURCES INC COMMON STOCK USD.001		1,251,648.00	0.090%	75.437%
267	NASDAQ INC COMMON STOCK USD.01		1,245,204.90	0.089%	75.526%
268	INGERSOLL RAND PLC COMMON STOCK USD1.0		1,243,532.83	0.089%	75.615%
269	LINCOLN NATIONAL CORP COMMON STOCK		1,238,108.40	0.089%	75.704%
270	COMERICA INC COMMON STOCK USD5.0		1,237,288.68	0.089%	75.792%
271	O REILLY AUTOMOTIVE INC COMMON STOCK USD.01		1,235,043.54	0.088%	75.881%
272	E TRADE FINANCIAL CORP COMMON STOCK USD.01		1,233,707.00	0.088%	75.969%
273	LIBERTY INTERACTIVE CORP Q A TRACKING STK USD.01		1,229,752.11	0.088%	76.057%
274	CBRE GROUP INC A COMMON STOCK USD.01		1,229,335.14	0.088%	76.145%
275	AMERISOURCEBERGEN CORP COMMON STOCK USD.01		1,224,346.28	0.088%	76.233%
276	STEEL DYNAMICS INC COMMON STOCK USD.005		1,220,397.40	0.087%	76.320%
277	KANSAS CITY SOUTHERN COMMON STOCK USD.01		1,213,432.38	0.087%	76.407%
278	NORTHERN TRUST CORP COMMON STOCK USD1.667		1,210,825.71	0.087%	76.494%
279	AMERICAN AIRLINES GROUP INC COMMON STOCK		1,210,303.92	0.087%	76.581%
280	PIONEER NATURAL RESOURCES CO COMMON STOCK USD.01		1,210,132.56	0.087%	76.667%
281	ROYAL CARIBBEAN CRUISES LTD COMMON STOCK USD.01		1,208,360.40	0.087%	76.754%
282	WESTROCK CO COMMON STOCK		1,196,941.32	0.086%	76.840%
283	LOEWS CORP COMMON STOCK USD.01		1,195,181.00	0.086%	76.925%
284	PAYCHEX INC COMMON STOCK USD.01		1,190,826.00	0.085%	77.010%
285	BIOVERATIV INC COMMON STOCK USD.001		1,190,239.94	0.085%	77.096%
286	SVB FINANCIAL GROUP COMMON STOCK USD.001		1,188,864.10	0.085%	77.181%
287	FLEX LTD COMMON STOCK		1,185,760.39	0.085%	77.266%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
288	PACKAGING CORP OF AMERICA COMMON STOCK USD.01		1,175,645.54	0.084%	77.350%
289	AMETEK INC COMMON STOCK USD.01		1,173,494.00	0.084%	77.434%
290	HOLOGIC INC COMMON STOCK USD.01		1,169,809.20	0.084%	77.518%
291	NETAPP INC COMMON STOCK USD.001		1,164,933.00	0.083%	77.601%
292	MARATHON OIL CORP COMMON STOCK USD1.0		1,164,923.98	0.083%	77.684%
293	HCA HEALTHCARE INC COMMON STOCK USD.01		1,164,553.92	0.083%	77.768%
294	AMPHENOL CORP CL A COMMON STOCK USD.001		1,161,573.17	0.083%	77.851%
295	GLOBAL PAYMENTS INC COMMON STOCK		1,152,116.46	0.082%	77.933%
296	HESS CORP COMMON STOCK USD1.0		1,143,748.44	0.082%	78.015%
297	YUM BRANDS INC COMMON STOCK		1,143,233.85	0.082%	78.097%
298	PENTAIR PLC COMMON STOCK USD.01		1,135,634.50	0.081%	78.179%
299	ILLUMINA INC COMMON STOCK USD.01		1,135,515.84	0.081%	78.260%
300	MARKEL CORP COMMON STOCK		1,125,883.89	0.081%	78.340%
301	AGILENT TECHNOLOGIES INC COMMON STOCK USD.01		1,124,507.02	0.081%	78.421%
302	ARTHUR J GALLAGHER + CO COMMON STOCK USD1.0		1,121,541.12	0.080%	78.501%
303	FORTIVE CORP COMMON STOCK USD.01		1,117,646.04	0.080%	78.581%
304	ANALOG DEVICES INC COMMON STOCK USD.167		1,107,337.76	0.079%	78.661%
305	OWENS CORNING COMMON STOCK USD.001		1,104,576.57	0.079%	78.740%
306	CERNER CORP COMMON STOCK USD.01		1,103,936.97	0.079%	78.819%
307	ROPER TECHNOLOGIES INC COMMON STOCK USD.01		1,103,841.06	0.079%	78.898%
308	UNIVERSAL HEALTH SERVICES B COMMON STOCK USD.01		1,100,668.50	0.079%	78.977%
309	MACY S INC COMMON STOCK USD.01		1,099,890.75	0.079%	79.055%
310	GOODYEAR TIRE + RUBBER CO COMMON STOCK		1,093,974.76	0.078%	79.134%
311	CONAGRA BRANDS INC COMMON STOCK USD5.0		1,090,068.00	0.078%	79.212%
312	PUBLIC SERVICE ENTERPRISE GP COMMON STOCK		1,083,719.91	0.078%	79.289%
313	SNAP ON INC COMMON STOCK USD1.0		1,080,794.79	0.077%	79.367%
314	INVESCO LTD COMMON STOCK USD.2		1,079,166.97	0.077%	79.444%
315	COTY INC CL A COMMON STOCK USD.01		1,073,157.25	0.077%	79.521%
316	VERISK ANALYTICS INC COMMON STOCK USD.001		1,071,735.60	0.077%	79.598%
317	JOHNSON CONTROLS INTERNATION COMMON STOCK USD.01		1,055,570.88	0.076%	79.673%
318	CINTAS CORP COMMON STOCK		1,054,497.00	0.076%	79.749%
319	CIMAREX ENERGY CO COMMON STOCK USD.01		1,047,948.00	0.075%	79.824%
320	MONSTER BEVERAGE CORP COMMON STOCK		1,044,942.45	0.075%	79.899%
321	MYLAN NV COMMON STOCK EUR.01		1,042,583.35	0.075%	79.973%
322	TOTAL SYSTEM SERVICES INC COMMON STOCK USD.1		1,040,906.04	0.075%	80.048%
323	CONSOLIDATED EDISON INC COMMON STOCK USD.1		1,039,697.68	0.074%	80.122%
324	OLD DOMINION FREIGHT LINE COMMON STOCK USD.1		1,037,158.90	0.074%	80.196%
325	AFFILIATED MANAGERS GROUP COMMON STOCK USD.01		1,035,480.81	0.074%	80.271%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
326	HUNTINGTON INGALLS INDUSTRIE COMMON STOCK USD.01		1,035,436.86	0.074%	80.345%
327	M + T BANK CORP COMMON STOCK USD.5		1,027,159.52	0.074%	80.418%
328	SENSATA TECHNOLOGIES HOLDING COMMON STOCK EUR.01		1,026,731.25	0.074%	80.492%
329	MCCORMICK + CO NON VTG SHRS COMMON STOCK		1,026,680.03	0.074%	80.565%
330	GARMIN LTD COMMON STOCK CHF10.0		1,024,852.02	0.073%	80.639%
331	ARCONIC INC COMMON STOCK		1,016,779.50	0.073%	80.711%
332	DENTSPLY SIRONA INC COMMON STOCK USD.01		1,011,756.78	0.072%	80.784%
333	FNF GROUP TRACKING STK USD.0001		1,011,141.20	0.072%	80.856%
334	LIBERTY BROADBAND C COMMON STOCK USD.01		1,005,186.00	0.072%	80.928%
335	CF INDUSTRIES HOLDINGS INC COMMON STOCK USD.01		1,004,469.92	0.072%	81.000%
336	REGENERON PHARMACEUTICALS COMMON STOCK USD.001		1,003,521.05	0.072%	81.072%
337	TAPESTRY INC COMMON STOCK USD.01		1,000,870.08	0.072%	81.144%
338	ALASKA AIR GROUP INC COMMON STOCK USD.01		997,189.83	0.071%	81.215%
339	ZIMMER BIOMET HOLDINGS INC COMMON STOCK USD.01		995,730.96	0.071%	81.286%
340	ON SEMICONDUCTOR CORP COMMON STOCK USD.01		994,028.46	0.071%	81.358%
341	CITRIX SYSTEMS INC COMMON STOCK USD.001		993,923.40	0.071%	81.429%
342	MANPOWERGROUP INC COMMON STOCK USD.01		991,206.16	0.071%	81.500%
343	XCEL ENERGY INC COMMON STOCK USD2.5		989,840.32	0.071%	81.571%
344	EXPEDITORS INTL WASH INC COMMON STOCK USD.01		987,954.45	0.071%	81.641%
345	WELLCARE HEALTH PLANS INC COMMON STOCK USD.01		985,419.92	0.071%	81.712%
346	SEMPRA ENERGY COMMON STOCK		974,631.14	0.070%	81.782%
347	BALL CORP COMMON STOCK		966,608.28	0.069%	81.851%
348	EDWARDS LIFESCIENCES CORP COMMON STOCK USD1.0		965,931.98	0.069%	81.920%
349	TECHNIPFMC PLC COMMON STOCK USD1.0		960,166.80	0.069%	81.989%
350	TWENTY FIRST CENTURY FOX B COMMON STOCK USD.01		957,278.66	0.069%	82.057%
351	REPUBLIC SERVICES INC COMMON STOCK USD.01		956,870.40	0.069%	82.126%
352	CBS CORP CLASS B NON VOTING COMMON STOCK USD.001		955,577.07	0.068%	82.194%
353	MOODY S CORP COMMON STOCK USD.01		954,884.58	0.068%	82.263%
354	GENTEX CORP COMMON STOCK USD.06		954,375.04	0.068%	82.331%
355	UNITED THERAPEUTICS CORP COMMON STOCK USD.01		951,117.00	0.068%	82.399%
356	WESTLAKE CHEMICAL CORP COMMON STOCK USD.01		951,019.60	0.068%	82.467%
357	ARAMARK COMMON STOCK USD.01		947,946.33	0.068%	82.535%
358	MICROSEMI CORP COMMON STOCK USD.2		947,549.65	0.068%	82.603%
359	KELLOGG CO COMMON STOCK USD.25		942,914.84	0.068%	82.671%
360	LENNAR CORP A COMMON STOCK USD.1		939,022.76	0.067%	82.738%
361	COOPER COS INC/THE COMMON STOCK USD.1		935,618.08	0.067%	82.805%
362	FIRST REPUBLIC BANK/CA COMMON STOCK USD.01		933,200.55	0.067%	82.872%
363	FASTENAL CO COMMON STOCK USD.01		927,285.12	0.066%	82.938%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
364	NEWFIELD EXPLORATION CO COMMON STOCK USD.01		926,149.98	0.066%	83.004%
365	OMNICOM GROUP COMMON STOCK USD.15		922,252.80	0.066%	83.070%
366	ORBITAL ATK INC COMMON STOCK USD.01		921,717.20	0.066%	83.136%
367	RED HAT INC COMMON STOCK USD.0001		915,324.46	0.066%	83.202%
368	CLOROX COMPANY COMMON STOCK USD1.0		909,791.49	0.065%	83.267%
369	ALEXION PHARMACEUTICALS INC COMMON STOCK USD.0001		908,979.76	0.065%	83.332%
370	NATIONAL OILWELL VARCO INC COMMON STOCK USD.01		908,380.20	0.065%	83.397%
371	LEIDOS HOLDINGS INC COMMON STOCK USD.0001		907,225.20	0.065%	83.462%
372	REINSURANCE GROUP OF AMERICA COMMON STOCK USD.01		906,690.20	0.065%	83.527%
373	CINCINNATI FINANCIAL CORP COMMON STOCK USD2.0		904,344.00	0.065%	83.592%
374	C.H. ROBINSON WORLDWIDE INC COMMON STOCK USD.1		899,692.02	0.064%	83.656%
375	ALBEMARLE CORP COMMON STOCK USD.01		897,183.60	0.064%	83.720%
376	PERRIGO CO PLC COMMON STOCK EUR.001		897,047.38	0.064%	83.785%
377	HUNT (JB) TRANSPRT SVCS INC COMMON STOCK USD.01		892,087.89	0.064%	83.849%
378	DIAMONDBACK ENERGY INC COMMON STOCK USD.01		891,301.00	0.064%	83.912%
379	IPG PHOTONICS CORP COMMON STOCK USD.0001		890,139.35	0.064%	83.976%
380	NOBLE ENERGY INC COMMON STOCK USD.01		884,866.36	0.063%	84.039%
381	UNUM GROUP COMMON STOCK USD.1		883,432.71	0.063%	84.103%
382	FOOT LOCKER INC COMMON STOCK USD.01		883,274.65	0.063%	84.166%
383	EAST WEST BANCORP INC COMMON STOCK USD.001		883,194.00	0.063%	84.229%
384	WYNN RESORTS LTD COMMON STOCK USD.01		881,766.75	0.063%	84.292%
385	HERSHEY CO/THE COMMON STOCK USD1.0		879,440.43	0.063%	84.355%
386	ANSYS INC COMMON STOCK USD.01		875,173.10	0.063%	84.418%
387	SONOCO PRODUCTS CO COMMON STOCK		870,480.68	0.062%	84.480%
388	AUTOZONE INC COMMON STOCK USD.01		864,947.20	0.062%	84.542%
389	AMDOCS LTD COMMON STOCK GBP.0001		862,182.00	0.062%	84.604%
390	CITIZENS FINANCIAL GROUP COMMON STOCK USD.01		860,900.40	0.062%	84.666%
391	HEWLETT PACKARD ENTERPRISE COMMON STOCK USD.01		859,310.80	0.062%	84.727%
392	TERADYNE INC COMMON STOCK USD.125		857,941.44	0.061%	84.789%
393	CBOE GLOBAL MARKETS INC COMMON STOCK		855,392.35	0.061%	84.850%
394	JUNIPER NETWORKS INC COMMON STOCK USD.00001		853,980.55	0.061%	84.911%
395	HILTON WORLDWIDE HOLDINGS IN COMMON STOCK USD.01		848,877.15	0.061%	84.972%
396	SS+C TECHNOLOGIES HOLDINGS COMMON STOCK USD.01		845,055.96	0.061%	85.032%
397	COMMERCE BANCSHARES INC COMMON STOCK USD5.0		843,187.61	0.060%	85.093%
398	MICHAEL KORS HOLDINGS LTD COMMON STOCK		840,510.00	0.060%	85.153%
399	WW GRAINGER INC COMMON STOCK USD.5		831,092.12	0.060%	85.212%
400	WEC ENERGY GROUP INC COMMON STOCK USD.01		828,634.10	0.059%	85.272%
401	PPL CORP COMMON STOCK USD.01		828,365.04	0.059%	85.331%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
402	POST HOLDINGS INC COMMON STOCK USD.01		828,359.49	0.059%	85.390%
403	P G + E CORP COMMON STOCK		824,414.90	0.059%	85.449%
404	KLA TENCOR CORP COMMON STOCK USD.001		823,500.00	0.059%	85.508%
405	ALIGN TECHNOLOGY INC COMMON STOCK USD.0001		822,418.00	0.059%	85.567%
406	AUTONATION INC COMMON STOCK USD.01		819,594.20	0.059%	85.626%
407	JETBLUE AIRWAYS CORP COMMON STOCK USD.01		818,608.98	0.059%	85.684%
408	DARDEN RESTAURANTS INC COMMON STOCK		818,271.45	0.059%	85.743%
409	ARISTA NETWORKS INC COMMON STOCK USD.0001		817,806.30	0.059%	85.802%
410	THOR INDUSTRIES INC COMMON STOCK USD.1		815,586.88	0.058%	85.860%
411	MARVELL TECHNOLOGY GROUP LTD COMMON STOCK USD.002		814,380.31	0.058%	85.918%
412	AMERICAN FINANCIAL GROUP INC COMMON STOCK		811,627.74	0.058%	85.976%
413	WEX INC COMMON STOCK USD.01		811,514.02	0.058%	86.035%
414	HENRY SCHEIN INC COMMON STOCK USD.01		808,565.12	0.058%	86.092%
415	CATALENT INC COMMON STOCK USD.01		808,167.10	0.058%	86.150%
416	PVH CORP COMMON STOCK USD1.0		807,501.56	0.058%	86.208%
417	BROWN FORMAN CORP CLASS B COMMON STOCK USD.15		806,652.00	0.058%	86.266%
418	PULTEGROUP INC COMMON STOCK USD.01		799,251.30	0.057%	86.323%
419	TRACTOR SUPPLY COMPANY COMMON STOCK USD.008		799,023.75	0.057%	86.380%
420	SYMANTEC CORP COMMON STOCK USD.01		798,846.51	0.057%	86.438%
421	IDEX CORP COMMON STOCK USD.01		798,322.72	0.057%	86.495%
422	AVERY DENNISON CORP COMMON STOCK USD1.0		794,107.64	0.057%	86.552%
423	BRUNSWICK CORP COMMON STOCK USD.75		792,534.72	0.057%	86.608%
424	MAXIM INTEGRATED PRODUCTS COMMON STOCK USD.001		790,072.00	0.057%	86.665%
425	KEYCORP COMMON STOCK USD1.0		787,370.20	0.056%	86.721%
426	CALPINE CORP COMMON STOCK USD.001		787,200.03	0.056%	86.778%
427	FLUOR CORP COMMON STOCK USD.01		786,368.50	0.056%	86.834%
428	IDEX LABORATORIES INC COMMON STOCK USD.1		785,942.08	0.056%	86.890%
429	ALCOA CORP COMMON STOCK USD.01		780,716.16	0.056%	86.946%
430	ZAYO GROUP HOLDINGS INC COMMON STOCK USD.001		779,030.90	0.056%	87.002%
431	CONTINENTAL RESOURCES INC/OK COMMON STOCK USD.01		776,364.93	0.056%	87.058%
432	US FOODS HOLDING CORP COMMON STOCK USD.01		775,457.55	0.056%	87.113%
433	FLIR SYSTEMS INC COMMON STOCK USD.01		771,581.07	0.055%	87.168%
434	XYLEM INC COMMON STOCK		770,436.12	0.055%	87.223%
435	FMC CORP COMMON STOCK USD.1		767,354.66	0.055%	87.278%
436	FORTUNE BRANDS HOME + SECURI COMMON STOCK USD.01		767,037.02	0.055%	87.333%
437	ALLISON TRANSMISSION HOLDING COMMON STOCK USD.01		765,838.64	0.055%	87.388%
438	GENPACT LTD COMMON STOCK USD.01		763,005.14	0.055%	87.443%
439	XILINX INC COMMON STOCK USD.01		762,036.72	0.055%	87.497%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
440	EDISON INTERNATIONAL COMMON STOCK		761,990.58	0.055%	87.552%
441	BANK OF THE OZARKS COMMON STOCK USD.01		761,088.15	0.054%	87.606%
442	JONES LANG LASALLE INC COMMON STOCK USD.01		760,330.05	0.054%	87.661%
443	SEAGATE TECHNOLOGY COMMON STOCK USD.00001		759,607.20	0.054%	87.715%
444	EVERSOURCE ENERGY COMMON STOCK USD5.0		748,184.31	0.054%	87.769%
445	OSHKOSH CORP COMMON STOCK USD.01		748,077.12	0.054%	87.822%
446	XEROX CORP COMMON STOCK USD1.0		747,344.61	0.054%	87.876%
447	SANTANDER CONSUMER USA HOLDI COMMON STOCK USD.01		746,545.50	0.053%	87.929%
448	ARCH CAPITAL GROUP LTD COMMON STOCK USD.01		745,253.30	0.053%	87.983%
449	KEYSIGHT TECHNOLOGIES IN COMMON STOCK		744,062.72	0.053%	88.036%
450	TORCHMARK CORP COMMON STOCK USD1.0		742,607.90	0.053%	88.089%
451	KAR AUCTION SERVICES INC COMMON STOCK USD.01		742,289.40	0.053%	88.142%
452	FIRST AMERICAN FINANCIAL COMMON STOCK USD.00001		741,741.99	0.053%	88.195%
453	EQUIFAX INC COMMON STOCK USD1.25		735,462.91	0.053%	88.248%
454	METTLER TOLEDO INTERNATIONAL COMMON STOCK USD.01		733,332.36	0.053%	88.301%
455	BIOMARIN PHARMACEUTICAL INC COMMON STOCK USD.001		732,306.68	0.052%	88.353%
456	TELEDYNE TECHNOLOGIES INC COMMON STOCK USD.01		731,796.36	0.052%	88.405%
457	ARCHER DANIELS MIDLAND CO COMMON STOCK		731,266.70	0.052%	88.458%
458	ZIONS BANCORPORATION COMMON STOCK		730,377.54	0.052%	88.510%
459	LAZARD LTD CL A COMMON STOCK USD.01		729,489.35	0.052%	88.562%
460	BUNGE LTD COMMON STOCK USD.01		729,246.83	0.052%	88.615%
461	WATERS CORP COMMON STOCK USD.01		724,018.38	0.052%	88.666%
462	SERVICE CORP INTERNATIONAL COMMON STOCK USD1.0		723,736.79	0.052%	88.718%
463	FRANKLIN RESOURCES INC COMMON STOCK USD.1		723,726.65	0.052%	88.770%
464	DONALDSON CO INC COMMON STOCK USD5.0		723,019.52	0.052%	88.822%
465	LIVE NATION ENTERTAINMENT IN COMMON STOCK USD.01		722,446.98	0.052%	88.874%
466	ZEBRA TECHNOLOGIES CORP CL A COMMON STOCK USD.01		720,486.00	0.052%	88.925%
467	TAKE TWO INTERACTIVE SOFTWARE COMMON STOCK USD.01		719,612.27	0.052%	88.977%
468	POLARIS INDUSTRIES INC COMMON STOCK USD.01		718,969.62	0.051%	89.028%
469	TARGA RESOURCES CORP COMMON STOCK USD.001		717,840.00	0.051%	89.080%
470	SYNOVUS FINANCIAL CORP COMMON STOCK USD1.0		716,797.75	0.051%	89.131%
471	HOLLYFRONTIER CORP COMMON STOCK USD.01		715,946.88	0.051%	89.182%
472	GRAPHIC PACKAGING HOLDING CO COMMON STOCK USD.01		712,505.70	0.051%	89.233%
473	ADIANT PLC COMMON STOCK USD.001		711,892.80	0.051%	89.284%
474	WYNDHAM WORLDWIDE CORP COMMON STOCK USD.01		710,892.51	0.051%	89.335%
475	DTE ENERGY COMPANY COMMON STOCK		710,006.44	0.051%	89.386%
476	BLUE BUFFALO PET PRODUCTS IN COMMON STOCK USD.01		706,953.90	0.051%	89.436%
477	AGCO CORP COMMON STOCK USD.01		705,939.02	0.051%	89.487%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity		1,396,567,689.72			100.000%
478	CARTER S INC COMMON STOCK USD.01		704,837.70	0.050%	89.538%
479	WESTERN ALLIANCE BANCORP COMMON STOCK USD.0001		704,682.58	0.050%	89.588%
480	HARLEY DAVIDSON INC COMMON STOCK USD.01		703,203.06	0.050%	89.638%
481	SERVICENOW INC COMMON STOCK USD.001		700,433.35	0.050%	89.688%
482	CARLISLE COS INC COMMON STOCK USD1.0		698,622.57	0.050%	89.739%
483	UNITED STATES STEEL CORP COMMON STOCK USD1.0		697,322.40	0.050%	89.788%
484	JABIL INC COMMON STOCK USD.001		695,561.36	0.050%	89.838%
485	EXPEDIA INC COMMON STOCK USD.001		689,333.85	0.049%	89.888%
486	LINCOLN ELECTRIC HOLDINGS COMMON STOCK		684,746.26	0.049%	89.937%
487	BROADRIDGE FINANCIAL SOLUTIO COMMON STOCK USD.01		684,318.18	0.049%	89.986%
488	MIDDLEBY CORP COMMON STOCK USD.01		682,526.34	0.049%	90.035%
489	OLIN CORP COMMON STOCK USD1.0		680,956.48	0.049%	90.083%
490	CURTISS WRIGHT CORP COMMON STOCK USD1.0		680,085.30	0.049%	90.132%
491	HERBALIFE LTD COMMON STOCK USD.002		677,447.37	0.049%	90.180%
492	TD AMERITRADE HOLDING CORP COMMON STOCK USD.01		674,612.68	0.048%	90.229%
493	RYDER SYSTEM INC COMMON STOCK USD.5		667,694.16	0.048%	90.277%
494	WR BERKLEY CORP COMMON STOCK USD.2		667,402.10	0.048%	90.324%
495	HD SUPPLY HOLDINGS INC COMMON STOCK USD.01		665,952.36	0.048%	90.372%
496	SERVICEMASTER GLOBAL HOLDING COMMON STOCK USD.01		665,906.32	0.048%	90.420%
497	XL GROUP LTD COMMON STOCK		664,041.00	0.048%	90.467%
498	INTERPUBLIC GROUP OF COS INC COMMON STOCK USD.1		663,836.14	0.048%	90.515%
499	TELEFLEX INC COMMON STOCK USD1.0		663,822.50	0.048%	90.562%
500	VOYA FINANCIAL INC COMMON STOCK USD.01		663,773.17	0.048%	90.610%
501	NEW YORK COMMUNITY BANCORP COMMON STOCK USD.01		661,668.48	0.047%	90.657%
502	ARROW ELECTRONICS INC COMMON STOCK USD1.0		661,131.52	0.047%	90.705%
503	BROWN + BROWN INC COMMON STOCK USD.1		658,676.48	0.047%	90.752%
504	HEXCEL CORP COMMON STOCK USD.01		658,620.60	0.047%	90.799%
505	MOSAIC CO/THE COMMON STOCK USD.01		658,066.50	0.047%	90.846%
506	COMMSCOPE HOLDING CO INC COMMON STOCK USD.01		657,019.04	0.047%	90.893%
507	IAC/INTERACTIVECORP COMMON STOCK USD.001		656,859.07	0.047%	90.940%
508	PERKINELMER INC COMMON STOCK USD1.0		653,865.12	0.047%	90.987%
509	SKECHERS USA INC CL A COMMON STOCK USD.001		651,213.90	0.047%	91.034%
510	SYNNEX CORP COMMON STOCK USD.001		650,591.73	0.047%	91.080%
511	LEUCADIA NATIONAL CORP COMMON STOCK USD1.0		649,382.23	0.046%	91.127%
512	CHEMOURS CO/THE COMMON STOCK		646,437.26	0.046%	91.173%
513	MSCI INC COMMON STOCK USD.01		643,242.60	0.046%	91.219%
514	RELIANCE STEEL + ALUMINUM COMMON STOCK		640,808.44	0.046%	91.265%
515	HILL ROM HOLDINGS INC COMMON STOCK		640,316.32	0.046%	91.311%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
516	SCOTTS MIRACLE GRO CO COMMON STOCK USD.01		639,472.68	0.046%	91.357%
517	USG CORP COMMON STOCK USD.1		637,426.08	0.046%	91.402%
518	PINNACLE FOODS INC COMMON STOCK USD.01		635,380.52	0.045%	91.448%
519	CADENCE DESIGN SYS INC COMMON STOCK USD.01		633,826.94	0.045%	91.493%
520	RSP PERMIAN INC COMMON STOCK USD.01		632,776.96	0.045%	91.538%
521	NVR INC COMMON STOCK USD.01		632,455.83	0.045%	91.584%
522	CREDIT ACCEPTANCE CORP COMMON STOCK USD.01		632,054.07	0.045%	91.629%
523	ADVANCE AUTO PARTS INC COMMON STOCK USD.0001		628,002.32	0.045%	91.674%
524	GRACO INC COMMON STOCK USD1.0		627,588.00	0.045%	91.719%
525	CIT GROUP INC COMMON STOCK USD.01		627,035.30	0.045%	91.764%
526	ALLIANCE DATA SYSTEMS CORP COMMON STOCK USD.01		625,480.42	0.045%	91.808%
527	BOOZ ALLEN HAMILTON HOLDINGS COMMON STOCK USD.01		623,823.96	0.045%	91.853%
528	FLOWSERVE CORP COMMON STOCK USD1.25		623,331.28	0.045%	91.898%
529	VISTRA ENERGY CORP COMMON STOCK		620,938.50	0.044%	91.942%
530	DISCOVERY COMMUNICATIONS C COMMON STOCK USD.01		620,527.02	0.044%	91.987%
531	EQT CORP COMMON STOCK		620,154.67	0.044%	92.031%
532	SABRE CORP COMMON STOCK USD.01		620,005.27	0.044%	92.075%
533	COGNEX CORP COMMON STOCK USD.002		618,585.66	0.044%	92.120%
534	RESMED INC COMMON STOCK USD.004		617,137.17	0.044%	92.164%
535	PACWEST BANCORP COMMON STOCK		616,891.38	0.044%	92.208%
536	ULTA BEAUTY INC COMMON STOCK USD.01		616,549.60	0.044%	92.252%
537	MKS INSTRUMENTS INC COMMON STOCK		616,255.20	0.044%	92.296%
538	BWX TECHNOLOGIES INC COMMON STOCK USD.01		616,002.40	0.044%	92.341%
539	JACOBS ENGINEERING GROUP INC COMMON STOCK USD1.0		614,095.86	0.044%	92.384%
540	TRANSDIGM GROUP INC COMMON STOCK USD.01		612,903.94	0.044%	92.428%
541	LPL FINANCIAL HOLDINGS INC COMMON STOCK		610,858.74	0.044%	92.472%
542	AMEREN CORPORATION COMMON STOCK USD.01		609,735.21	0.044%	92.516%
543	BRIGHT HORIZONS FAMILY SOLUT COMMON STOCK USD.001		608,840.00	0.044%	92.559%
544	TRANSUNION COMMON STOCK USD.01		608,736.80	0.044%	92.603%
545	COPART INC COMMON STOCK		607,549.02	0.044%	92.646%
546	SLM CORP COMMON STOCK USD.2		607,132.24	0.043%	92.690%
547	WORLDPAY INC CLASS A COMMON STOCK USD.00001		603,128.10	0.043%	92.733%
548	MURPHY OIL CORP COMMON STOCK USD1.0		602,645.40	0.043%	92.776%
549	SCRIPPS NETWORKS INTER CL A COMMON STOCK USD.01		602,379.54	0.043%	92.819%
550	JAZZ PHARMACEUTICALS PLC COMMON STOCK USD.0001		598,991.40	0.043%	92.862%
551	MOTOROLA SOLUTIONS INC COMMON STOCK USD.01		598,550.28	0.043%	92.905%
552	CHENIERE ENERGY INC COMMON STOCK USD.003		596,198.96	0.043%	92.948%
553	RALPH LAUREN CORP COMMON STOCK USD.01		595,898.03	0.043%	92.991%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
554	CDW CORP/DE COMMON STOCK USD.01		592,785.54	0.042%	93.033%
555	SIGNATURE BANK COMMON STOCK USD.01		591,668.00	0.042%	93.075%
556	HUBBELL INC COMMON STOCK USD.01		590,702.75	0.042%	93.118%
557	ROBERT HALF INTL INC COMMON STOCK USD.001		590,607.52	0.042%	93.160%
558	SYNOPSIS INC COMMON STOCK USD.01		590,110.92	0.042%	93.202%
559	WESTERN UNION CO COMMON STOCK USD.01		589,188.60	0.042%	93.244%
560	QORVO INC COMMON STOCK USD.0001		588,298.69	0.042%	93.286%
561	COPA HOLDINGS SA CLASS A COMMON STOCK		587,072.52	0.042%	93.329%
562	EVEREST RE GROUP LTD COMMON STOCK USD.01		584,611.20	0.042%	93.370%
563	COHERENT INC COMMON STOCK USD.01		584,179.52	0.042%	93.412%
564	WPX ENERGY INC COMMON STOCK		583,690.98	0.042%	93.454%
565	ARRIS INTERNATIONAL PLC COMMON STOCK GBP.0001		581,039.80	0.042%	93.496%
566	TRIMBLE INC COMMON STOCK		580,356.00	0.042%	93.537%
567	EPAM SYSTEMS INC COMMON STOCK USD.001		579,528.84	0.041%	93.579%
568	EAGLE MATERIALS INC COMMON STOCK USD.01		578,850.30	0.041%	93.620%
569	PEOPLE S UNITED FINANCIAL COMMON STOCK USD.01		578,848.76	0.041%	93.662%
570	ALLEGHANY CORP COMMON STOCK USD1.0		577,484.00	0.041%	93.703%
571	ENTERGY CORP COMMON STOCK USD.01		577,033.77	0.041%	93.744%
572	CMS ENERGY CORP COMMON STOCK USD.01		576,603.75	0.041%	93.786%
573	JANUS HENDERSON GROUP PLC COMMON STOCK		572,585.20	0.041%	93.827%
574	DELL TECHNOLOGIES INC CL V TRACKING STK		572,237.70	0.041%	93.867%
575	MACQUARIE INFRASTRUCTURE COR COMMON STOCK USD.001		571,937.00	0.041%	93.908%
576	AXALTA COATING SYSTEMS LTD COMMON STOCK USD1.0		570,339.00	0.041%	93.949%
577	LOGMEIN INC COMMON STOCK USD.01		569,496.60	0.041%	93.990%
578	CULLEN/FROST BANKERS INC COMMON STOCK USD.01		569,293.50	0.041%	94.031%
579	WABTEC CORP COMMON STOCK USD.01		562,822.80	0.040%	94.071%
580	AMERCO COMMON STOCK USD.25		560,397.80	0.040%	94.111%
581	CHARLES RIVER LABORATORIES COMMON STOCK USD.01		559,886.40	0.040%	94.151%
582	SEALED AIR CORP COMMON STOCK USD.1		558,303.85	0.040%	94.191%
583	MASCO CORP COMMON STOCK USD1.0		557,937.38	0.040%	94.231%
584	EATON VANCE CORP COMMON STOCK USD.00390625		555,226.80	0.040%	94.271%
585	SEI INVESTMENTS COMPANY COMMON STOCK USD.01		554,456.70	0.040%	94.311%
586	AECOM COMMON STOCK USD.01		552,272.31	0.040%	94.350%
587	LIBERTY MEDIA COR SIRIUSXM C TRACKING STK USD.01		551,207.81	0.039%	94.390%
588	JUNO THERAPEUTICS INC COMMON STOCK USD.0001		550,471.15	0.039%	94.429%
589	ASSURANT INC COMMON STOCK USD.01		549,611.84	0.039%	94.469%
590	WILLIAMS SONOMA INC COMMON STOCK USD.01		549,595.44	0.039%	94.508%
591	FIRST SOLAR INC COMMON STOCK USD.001		548,040.03	0.039%	94.547%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity		1,396,567,689.72			100.000%
592	WATSCO INC COMMON STOCK USD.5		547,999.92	0.039%	94.586%
593	STERICYCLE INC COMMON STOCK USD.01		547,339.68	0.039%	94.626%
594	TRINITY INDUSTRIES INC COMMON STOCK USD.01		543,764.25	0.039%	94.664%
595	HELMERICH + PAYNE COMMON STOCK USD.1		543,610.41	0.039%	94.703%
596	BEMIS COMPANY COMMON STOCK USD.1		542,838.36	0.039%	94.742%
597	INTL FLAVORS + FRAGRANCES COMMON STOCK USD.125		541,981.80	0.039%	94.781%
598	EMCOR GROUP INC COMMON STOCK USD.01		540,593.28	0.039%	94.820%
599	CENTERPOINT ENERGY INC COMMON STOCK USD.01		540,379.68	0.039%	94.858%
600	NATIONAL INSTRUMENTS CORP COMMON STOCK USD.01		539,551.76	0.039%	94.897%
601	UBIQUITI NETWORKS INC COMMON STOCK USD.001		537,907.56	0.039%	94.936%
602	APTARGROUP INC COMMON STOCK USD.01		536,321.70	0.038%	94.974%
603	CENTENNIAL RESOURCE DEVELO A COMMON STOCK USD.0001		535,497.17	0.038%	95.012%
604	BERRY GLOBAL GROUP INC COMMON STOCK USD.01		535,491.93	0.038%	95.051%
605	STERIS PLC COMMON STOCK		530,972.80	0.038%	95.089%
606	VARIAN MEDICAL SYSTEMS INC COMMON STOCK USD1.0		528,487.50	0.038%	95.127%
607	CHURCH + DWIGHT CO INC COMMON STOCK USD1.0		527,726.55	0.038%	95.164%
608	JACK HENRY + ASSOCIATES INC COMMON STOCK USD.01		523,821.32	0.038%	95.202%
609	DISH NETWORK CORP A COMMON STOCK USD.01		522,606.70	0.037%	95.239%
610	CAMPBELL SOUP CO COMMON STOCK USD.0375		522,104.80	0.037%	95.277%
611	FIRSTENERGY CORP COMMON STOCK USD.1		520,642.50	0.037%	95.314%
612	CYPRESS SEMICONDUCTOR CORP COMMON STOCK USD.01		516,659.78	0.037%	95.351%
613	PENSKE AUTOMOTIVE GROUP INC COMMON STOCK USD.0001		515,167.49	0.037%	95.388%
614	QUANTA SERVICES INC COMMON STOCK USD.00001		513,956.97	0.037%	95.425%
615	NRG ENERGY INC COMMON STOCK USD.01		513,827.55	0.037%	95.461%
616	CRANE CO COMMON STOCK USD1.0		511,293.04	0.037%	95.498%
617	CROWN HOLDINGS INC COMMON STOCK USD5.0		510,259.50	0.037%	95.535%
618	CABOT OIL + GAS CORP COMMON STOCK USD.1		507,975.30	0.036%	95.571%
619	TOLL BROTHERS INC COMMON STOCK USD.01		505,951.96	0.036%	95.607%
620	HASBRO INC COMMON STOCK USD.5		504,909.23	0.036%	95.643%
621	STERLING BANCORP/DE COMMON STOCK USD.01		504,900.00	0.036%	95.679%
622	SPECTRUM BRANDS HOLDINGS INC COMMON STOCK USD.01		497,650.46	0.036%	95.715%
623	AUTODESK INC COMMON STOCK USD.01		496,241.04	0.036%	95.751%
624	CASEY S GENERAL STORES INC COMMON STOCK NPV		495,703.23	0.035%	95.786%
625	BIO RAD LABORATORIES A COMMON STOCK USD.0001		495,084.95	0.035%	95.822%
626	ABIOMED INC COMMON STOCK USD.01		493,970.00	0.035%	95.857%
627	EURONET WORLDWIDE INC COMMON STOCK USD.02		493,943.94	0.035%	95.892%
628	NORDSON CORP COMMON STOCK		492,672.16	0.035%	95.928%
629	F5 NETWORKS INC COMMON STOCK		487,533.42	0.035%	95.963%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
630	NEWS CORP CLASS A COMMON STOCK USD.01		486,882.16	0.035%	95.997%
631	BLACK KNIGHT INC COMMON STOCK		486,040.50	0.035%	96.032%
632	PRA HEALTH SCIENCES INC COMMON STOCK USD.01		484,166.02	0.035%	96.067%
633	OLD REPUBLIC INTL CORP COMMON STOCK USD1.0		484,126.72	0.035%	96.102%
634	CALATLANTIC GROUP INC COMMON STOCK USD.01		474,298.50	0.034%	96.135%
635	RPM INTERNATIONAL INC COMMON STOCK USD.01		473,401.80	0.034%	96.169%
636	GRUBHUB INC COMMON STOCK USD.0001		472,731.75	0.034%	96.203%
637	CDK GLOBAL INC COMMON STOCK USD.01		472,367.54	0.034%	96.237%
638	L BRANDS INC COMMON STOCK USD.5		469,092.85	0.034%	96.271%
639	LULULEMON ATHLETICA INC COMMON STOCK USD.005		466,835.49	0.033%	96.304%
640	PARSLEY ENERGY INC CLASS A COMMON STOCK USD.01		466,595.60	0.033%	96.337%
641	WABCO HOLDINGS INC COMMON STOCK USD.01		465,485.85	0.033%	96.371%
642	VERISIGN INC COMMON STOCK USD.001		465,196.16	0.033%	96.404%
643	VAIL RESORTS INC COMMON STOCK USD.01		464,877.12	0.033%	96.437%
644	GREAT PLAINS ENERGY INC COMMON STOCK		456,717.12	0.033%	96.470%
645	DOMINO S PIZZA INC COMMON STOCK USD.01		456,469.25	0.033%	96.503%
646	BRUKER CORP COMMON STOCK USD.01		454,063.11	0.033%	96.535%
647	CORE LABORATORIES N.V. COMMON STOCK EUR.02		453,656.70	0.032%	96.568%
648	DISCOVERY COMMUNICATIONS A COMMON STOCK USD.01		453,641.65	0.032%	96.600%
649	ROYAL GOLD INC COMMON STOCK USD.01		451,942.00	0.032%	96.633%
650	WEST PHARMACEUTICAL SERVICES COMMON STOCK USD.25		450,098.40	0.032%	96.665%
651	ACUITY BRANDS INC COMMON STOCK USD.01		446,486.04	0.032%	96.697%
652	ALNYLAM PHARMACEUTICALS INC COMMON STOCK USD.01		446,091.36	0.032%	96.729%
653	AMERICAN WATER WORKS CO INC COMMON STOCK USD.01		443,212.93	0.032%	96.761%
654	ANTERO RESOURCES CORP COMMON STOCK USD.01		441,313.59	0.032%	96.792%
655	SMITH (A.O.) CORP COMMON STOCK USD1.0		439,412.40	0.031%	96.824%
656	LENNOX INTERNATIONAL INC COMMON STOCK USD.01		438,652.83	0.031%	96.855%
657	UGI CORP COMMON STOCK		438,568.14	0.031%	96.886%
658	INTERNATIONAL GAME TECHNOLOG COMMON STOCK USD.1		431,805.78	0.031%	96.917%
659	ALLEGION PLC COMMON STOCK USD.01		427,105.60	0.031%	96.948%
660	BURLINGTON STORES INC COMMON STOCK USD.0001		425,985.00	0.031%	96.978%
661	WORKDAY INC CLASS A COMMON STOCK USD.001		423,931.04	0.030%	97.009%
662	SIX FLAGS ENTERTAINMENT CORP COMMON STOCK		420,966.36	0.030%	97.039%
663	BOK FINANCIAL CORPORATION COMMON STOCK USD.00006		418,474.32	0.030%	97.069%
664	NEWMARKET CORP COMMON STOCK		415,879.14	0.030%	97.099%
665	MEDNAX INC COMMON STOCK USD.01		413,713.54	0.030%	97.128%
666	GARTNER INC COMMON STOCK USD.0005		409,005.52	0.029%	97.158%
667	NEWELL BRANDS INC COMMON STOCK USD1.0		408,709.52	0.029%	97.187%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
668	BLUEBIRD BIO INC COMMON STOCK USD.01		406,726.50	0.029%	97.216%
669	GUIDEWIRE SOFTWARE INC COMMON STOCK USD.0001		405,830.60	0.029%	97.245%
670	NCR CORPORATION COMMON STOCK USD.01		404,282.78	0.029%	97.274%
671	CSRA INC COMMON STOCK USD.001		401,589.76	0.029%	97.303%
672	PROSPERITY BANCSHARES INC COMMON STOCK USD1.0		401,209.40	0.029%	97.331%
673	UNIVERSAL DISPLAY CORP COMMON STOCK USD.01		400,412.80	0.029%	97.360%
674	MSC INDUSTRIAL DIRECT CO A COMMON STOCK USD.001		400,210.44	0.029%	97.389%
675	INCYTE CORP COMMON STOCK USD.001		398,449.77	0.029%	97.417%
676	FACTSET RESEARCH SYSTEMS INC COMMON STOCK USD.01		398,369.65	0.029%	97.446%
677	RENAISSANCERE HOLDINGS LTD COMMON STOCK USD1.0		395,913.96	0.028%	97.474%
678	POOL CORP COMMON STOCK USD.001		392,736.96	0.028%	97.502%
679	WEBSTER FINANCIAL CORP COMMON STOCK USD.01		389,658.84	0.028%	97.530%
680	WOODWARD INC COMMON STOCK USD.00292		387,677.52	0.028%	97.558%
681	FIRST HORIZON NATIONAL CORP COMMON STOCK USD.625		384,251.28	0.028%	97.585%
682	DUNKIN BRANDS GROUP INC COMMON STOCK USD.001		381,887.55	0.027%	97.613%
683	OGE ENERGY CORP COMMON STOCK USD.01		381,119.20	0.027%	97.640%
684	ASPEN TECHNOLOGY INC COMMON STOCK USD.1		379,737.35	0.027%	97.667%
685	ADVANCED MICRO DEVICES COMMON STOCK USD.01		378,358.38	0.027%	97.694%
686	NISOURCE INC COMMON STOCK USD.01		376,468.72	0.027%	97.721%
687	ROLLINS INC COMMON STOCK USD1.0		373,503.80	0.027%	97.748%
688	EXELIXIS INC COMMON STOCK USD.001		373,176.72	0.027%	97.775%
689	H+R BLOCK INC COMMON STOCK		371,958.10	0.027%	97.801%
690	AQUA AMERICA INC COMMON STOCK USD.5		371,949.12	0.027%	97.828%
691	HOWARD HUGHES CORP/THE COMMON STOCK		367,803.20	0.026%	97.854%
692	NORDSTROM INC COMMON STOCK		366,471.92	0.026%	97.881%
693	DOLBY LABORATORIES INC CL A COMMON STOCK USD.001		363,392.32	0.026%	97.907%
694	COLUMBIA SPORTSWEAR CO COMMON STOCK		363,269.55	0.026%	97.933%
695	CAVIUM INC COMMON STOCK USD.001		357,517.06	0.026%	97.958%
696	BRIGHTHOUSE FINANCIAL INC COMMON STOCK USD.01		357,028.56	0.026%	97.984%
697	SIRIUS XM HOLDINGS INC COMMON STOCK USD.001		353,878.98	0.025%	98.009%
698	NUANCE COMMUNICATIONS INC COMMON STOCK USD.001		353,243.54	0.025%	98.034%
699	AXIS CAPITAL HOLDINGS LTD COMMON STOCK USD.0125		352,800.46	0.025%	98.060%
700	ZILLOW GROUP INC C COMMON STOCK		352,212.12	0.025%	98.085%
701	HANESBRANDS INC COMMON STOCK USD.01		350,886.60	0.025%	98.110%
702	ALLIANT ENERGY CORP COMMON STOCK USD.01		349,800.00	0.025%	98.135%
703	PATTERSON UTI ENERGY INC COMMON STOCK USD.01		348,182.42	0.025%	98.160%
704	PALO ALTO NETWORKS INC COMMON STOCK USD.0001		341,788.55	0.024%	98.185%
705	LEGGETT + PLATT INC COMMON STOCK USD.01		340,639.24	0.024%	98.209%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity		1,396,567,689.72			100.000%
706	LIBERTY VENTURES SER A TRACKING STK USD.01		339,436.80	0.024%	98.233%
707	MOLINA HEALTHCARE INC COMMON STOCK USD.001		338,032.00	0.024%	98.257%
708	PILGRIM S PRIDE CORP COMMON STOCK USD.01		336,405.78	0.024%	98.282%
709	HAIN CELESTIAL GROUP INC COMMON STOCK USD.01		335,860.84	0.024%	98.306%
710	BAKER HUGHES A GE CO COMMON STOCK USD.0001		335,388.80	0.024%	98.330%
711	ATMOS ENERGY CORP COMMON STOCK		335,247.60	0.024%	98.354%
712	TORO CO COMMON STOCK USD1.0		333,567.65	0.024%	98.377%
713	GENESEE + WYOMING INC CL A COMMON STOCK USD.01		331,217.80	0.024%	98.401%
714	INVESTORS BANCORP INC COMMON STOCK USD.01		329,312.95	0.024%	98.425%
715	COLFAX CORP COMMON STOCK USD.001		328,364.10	0.024%	98.448%
716	SPLUNK INC COMMON STOCK USD.001		328,190.61	0.023%	98.472%
717	FIRST DATA CORP CLASS A COMMON STOCK USD.01		325,892.40	0.023%	98.495%
718	ASHLAND GLOBAL HOLDINGS INC COMMON STOCK		322,807.73	0.023%	98.518%
719	AVNET INC COMMON STOCK USD1.0		321,852.50	0.023%	98.541%
720	LIONS GATE ENTERTAINMENT B COMMON STOCK		321,536.00	0.023%	98.564%
721	LAMB WESTON HOLDINGS INC COMMON STOCK USD1.0		319,077.00	0.023%	98.587%
722	CHIPOTLE MEXICAN GRILL INC COMMON STOCK USD.01		316,965.76	0.023%	98.610%
723	FNB CORP COMMON STOCK USD.01		315,872.20	0.023%	98.632%
724	PINNACLE WEST CAPITAL COMMON STOCK		313,004.25	0.022%	98.655%
725	PINNACLE FINANCIAL PARTNERS COMMON STOCK USD1.0		312,955.20	0.022%	98.677%
726	TABLEAU SOFTWARE INC CL A COMMON STOCK USD.0001		311,003.69	0.022%	98.700%
727	COSTAR GROUP INC COMMON STOCK USD.01		310,460.67	0.022%	98.722%
728	ENCOMPASS HEALTH CORP COMMON STOCK USD.01		309,370.32	0.022%	98.744%
729	WR GRACE + CO COMMON STOCK USD.01		309,231.98	0.022%	98.766%
730	ERIE INDEMNITY COMPANY CL A COMMON STOCK		306,044.52	0.022%	98.788%
731	ENVISION HEALTHCARE CORP COMMON STOCK		303,395.70	0.022%	98.810%
732	MARKETAXESS HOLDINGS INC COMMON STOCK USD.003		302,948.24	0.022%	98.831%
733	MAXIMUS INC COMMON STOCK		301,219.24	0.022%	98.853%
734	ULTIMATE SOFTWARE GROUP INC COMMON STOCK USD.01		300,428.10	0.022%	98.874%
735	HEICO CORP COMMON STOCK USD.01		298,870.72	0.021%	98.896%
736	PTC INC COMMON STOCK USD.01		298,496.76	0.021%	98.917%
737	VALVOLINE INC COMMON STOCK USD.01		293,482.90	0.021%	98.938%
738	SPRINT CORP COMMON STOCK USD.01		288,368.99	0.021%	98.959%
739	GODADDY INC CLASS A COMMON STOCK USD.001		288,190.14	0.021%	98.980%
740	SYNEOS HEALTH INC COMMON STOCK USD.01		284,480.30	0.020%	99.000%
741	TYLER TECHNOLOGIES INC COMMON STOCK USD.01		283,323.06	0.020%	99.020%
742	HEICO CORP CLASS A COMMON STOCK USD.01		279,862.50	0.020%	99.040%
743	AES CORP COMMON STOCK USD.01		276,260.88	0.020%	99.060%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
744	ECHOSTAR CORP A COMMON STOCK USD.001		275,869.08	0.020%	99.080%
745	MATTEL INC COMMON STOCK USD1.0		270,468.00	0.019%	99.099%
746	NEKTAR THERAPEUTICS COMMON STOCK USD.0001		270,227.52	0.019%	99.119%
747	WESTAR ENERGY INC COMMON STOCK USD5.0		270,078.48	0.019%	99.138%
748	SOUTHERN COPPER CORP COMMON STOCK USD.01		267,704.70	0.019%	99.157%
749	NEUROCRINE BIOSCIENCES INC COMMON STOCK USD.001		266,922.81	0.019%	99.176%
750	TRIPADVISOR INC COMMON STOCK USD.001		258,638.20	0.019%	99.195%
751	ATHENAHEALTH INC COMMON STOCK USD.01		257,136.12	0.018%	99.213%
752	DELPHI TECHNOLOGIES PLC COMMON STOCK USD.01		254,334.15	0.018%	99.231%
753	VMWARE INC CLASS A COMMON STOCK USD.01		251,912.65	0.018%	99.249%
754	MDU RESOURCES GROUP INC COMMON STOCK USD1.0		249,494.56	0.018%	99.267%
755	MICHAELS COS INC/THE COMMON STOCK USD.06775		249,380.47	0.018%	99.285%
756	MADISON SQUARE GARDEN CO A COMMON STOCK USD.01		249,295.20	0.018%	99.303%
757	ALKERMES PLC COMMON STOCK USD.01		248,861.01	0.018%	99.321%
758	EXACT SCIENCES CORP COMMON STOCK USD.01		248,748.84	0.018%	99.339%
759	SQUARE INC A COMMON STOCK USD.000001		247,966.26	0.018%	99.356%
760	LIBERTY MEDIA COR SIRIUSXM A TRACKING STK USD.01		240,218.37	0.017%	99.373%
761	HYATT HOTELS CORP CL A COMMON STOCK USD.01		239,184.60	0.017%	99.391%
762	VECTREN CORP COMMON STOCK		231,303.45	0.017%	99.407%
763	NATIONAL BEVERAGE CORP COMMON STOCK USD.01		230,219.48	0.016%	99.424%
764	TARO PHARMACEUTICAL INDUS COMMON STOCK ILS.0001		226,667.01	0.016%	99.440%
765	IONIS PHARMACEUTICALS INC COMMON STOCK USD.001		220,951.64	0.016%	99.456%
766	FIRST CITIZENS BCSHS CL A COMMON STOCK USD1.0		218,660.74	0.016%	99.471%
767	BROWN FORMAN CORP CLASS A COMMON STOCK USD.15		215,004.00	0.015%	99.487%
768	AVANGRID INC COMMON STOCK USD.01		212,467.92	0.015%	99.502%
769	SCANA CORP COMMON STOCK		210,596.48	0.015%	99.517%
770	VEEVA SYSTEMS INC CLASS A COMMON STOCK USD.00001		210,518.14	0.015%	99.532%
771	NEWS CORP CLASS B COMMON STOCK		207,306.00	0.015%	99.547%
772	RANGE RESOURCES CORP COMMON STOCK USD.01		206,397.00	0.015%	99.562%
773	KNIGHT SWIFT TRANSPORTATION COMMON STOCK USD.001		205,433.54	0.015%	99.576%
774	NATIONAL FUEL GAS CO COMMON STOCK USD1.0		204,323.75	0.015%	99.591%
775	BIO TECHNE CORP COMMON STOCK USD.01		203,841.37	0.015%	99.606%
776	UNDER ARMOUR INC CLASS C COMMON STOCK USD.000333		201,359.50	0.014%	99.620%
777	DUN + BRADSTREET CORP COMMON STOCK USD.01		193,513.72	0.014%	99.634%
778	ASSURED GUARANTY LTD COMMON STOCK USD.01		189,125.26	0.014%	99.647%
779	UNDER ARMOUR INC CLASS A COMMON STOCK USD.000333		188,551.44	0.014%	99.661%
780	AIR LEASE CORP COMMON STOCK USD.01		187,964.92	0.013%	99.674%
781	LIONS GATE ENTERTAINMENT A COMMON STOCK NPV		185,341.68	0.013%	99.688%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
782	CABLE ONE INC COMMON STOCK USD.01		184,273.83	0.013%	99.701%
783	MASIMO CORP COMMON STOCK USD.001		182,260.16	0.013%	99.714%
784	ZILLOW GROUP INC A COMMON STOCK USD.0001		174,770.58	0.013%	99.726%
785	LIBERTY BROADBAND A COMMON STOCK USD.01		173,380.48	0.012%	99.739%
786	FORTINET INC COMMON STOCK USD.001		164,040.52	0.012%	99.751%
787	VISTEON CORP COMMON STOCK		162,339.84	0.012%	99.762%
788	RPC INC COMMON STOCK USD.1		161,175.80	0.012%	99.774%
789	SAGE THERAPEUTICS INC COMMON STOCK USD.0001		160,191.20	0.011%	99.785%
790	SEATTLE GENETICS INC COMMON STOCK USD.001		159,881.10	0.011%	99.797%
791	CHENIERE ENERGY PART LP HOLD COMMON STOCK		158,407.08	0.011%	99.808%
792	PREMIER INC CLASS A COMMON STOCK USD.01		156,765.95	0.011%	99.819%
793	TFS FINANCIAL CORP COMMON STOCK USD.01		156,667.92	0.011%	99.831%
794	ENERGEN CORP COMMON STOCK USD.01		150,161.25	0.011%	99.841%
795	VERSUM MATERIALS INC COMMON STOCK USD1.0		147,310.40	0.011%	99.852%
796	MONOLITHIC POWER SYSTEMS INC COMMON STOCK USD.001		146,160.24	0.010%	99.862%
797	ITT INC COMMON STOCK USD1.0		144,424.00	0.010%	99.873%
798	AKORN INC COMMON STOCK		135,356.22	0.010%	99.882%
799	DEXCOM INC COMMON STOCK USD.001		129,087.60	0.009%	99.892%
800	WAYFAIR INC CLASS A COMMON STOCK USD.001		128,353.95	0.009%	99.901%
801	TRANSOCEAN LTD COMMON STOCK CHF.1		126,081.15	0.009%	99.910%
802	LIBERTY MEDIA CORP LIBERTY C TRACKING STK USD.01		115,896.75	0.008%	99.918%
803	MATCH GROUP INC COMMON STOCK USD.001		111,912.82	0.008%	99.926%
804	DANA INC COMMON STOCK USD.01		111,572.18	0.008%	99.934%
805	NUTANIX INC A COMMON STOCK USD.000025		99,831.00	0.007%	99.941%
806	HILTON GRAND VACATIONS INC COMMON STOCK USD.01		95,201.49	0.007%	99.948%
807	TERADATA CORP COMMON STOCK USD.01		84,037.50	0.006%	99.954%
808	CNA FINANCIAL CORP COMMON STOCK USD2.5		78,694.48	0.006%	99.960%
809	UNIVAR INC COMMON STOCK USD.01		76,919.36	0.006%	99.965%
810	ATLASSIAN CORP PLC CLASS A COMMON STOCK USD.1		75,586.00	0.005%	99.971%
811	VIACOM INC CLASS A COMMON STOCK USD.001		56,711.20	0.004%	99.975%
812	LENNAR CORP B SHS COMMON STOCK USD.1		54,387.36	0.004%	99.979%
813	KIRBY CORP COMMON STOCK USD.1		53,553.50	0.004%	99.982%
814	UMPQUA HOLDINGS CORP COMMON STOCK		51,635.25	0.004%	99.986%
815	LIBERTY MEDIA CORP LIBERTY A TRACKING STK USD.01		47,597.12	0.003%	99.990%
816	COLONY NORTHSTAR INC CLASS A REIT USD.01		47,594.00	0.003%	99.993%
817	INTEGRATED DEVICE TECH INC COMMON STOCK USD.001		37,404.90	0.003%	99.996%
818	MORNINGSTAR INC COMMON STOCK		37,294.56	0.003%	99.998%
819	SEABOARD CORP COMMON STOCK USD1.0		17,344.00	0.001%	100.000%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,396,567,689.72		100.000%
820	SAFEWAY CASA LEY CVR COMMON STOCK		6,970.33	0.000%	100.000%
821	SAFEWAY PDC LLC CVR COMMON STOCK		2.06	0.000%	100.000%
Total			1,396,567,689.72		100.00%