

U.S. Large Cap Equity Portfolio

As of October 31, 2017 (Updated Monthly)

Source: State Street

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Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
1	APPLE INC COMMON STOCK USD.00001		39,578,687.52	3.268%	3.268%
2	MICROSOFT CORP COMMON STOCK USD.00000625		27,361,894.64	2.259%	5.526%
3	AMAZON.COM INC COMMON STOCK USD.01		22,983,192.32	1.897%	7.424%
4	JOHNSON + JOHNSON COMMON STOCK USD1.0		17,819,665.02	1.471%	8.895%
5	JPMORGAN CHASE + CO COMMON STOCK USD1.0		16,974,315.54	1.401%	10.296%
6	FACEBOOK INC A COMMON STOCK USD.000006		16,460,905.14	1.359%	11.655%
7	AT+T INC COMMON STOCK USD1.0		13,797,105.70	1.139%	12.795%
8	BERKSHIRE HATHAWAY INC CL B COMMON STOCK USD.0033		13,704,571.40	1.131%	13.926%
9	ALPHABET INC CL C COMMON STOCK USD.001		12,689,700.48	1.048%	14.974%
10	WELLS FARGO + CO COMMON STOCK USD1.666		12,622,012.34	1.042%	16.016%
11	ALPHABET INC CL A COMMON STOCK USD.001		12,391,314.80	1.023%	17.039%
12	INTEL CORP COMMON STOCK USD.001		12,331,793.12	1.018%	18.057%
13	PFIZER INC COMMON STOCK USD.05		11,705,587.38	0.966%	19.023%
14	COMCAST CORP CLASS A COMMON STOCK USD.01		11,388,758.73	0.940%	19.963%
15	EXXON MOBIL CORP COMMON STOCK		11,132,559.40	0.919%	20.882%
16	PROCTER + GAMBLE CO/THE COMMON STOCK		10,561,367.82	0.872%	21.754%
17	HOME DEPOT INC COMMON STOCK USD.05		9,924,585.48	0.819%	22.574%
18	VERIZON COMMUNICATIONS INC COMMON STOCK USD.1		9,917,467.25	0.819%	23.392%
19	UNITEDHEALTH GROUP INC COMMON STOCK USD.01		9,666,125.82	0.798%	24.190%
20	BANK OF AMERICA CORP COMMON STOCK USD.01		9,028,784.82	0.745%	24.936%
21	WAL MART STORES INC COMMON STOCK USD.1		8,755,970.66	0.723%	25.659%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
22	VISA INC CLASS A SHARES COMMON STOCK USD.0001		8,582,509.26	0.709%	26.367%
23	CHEVRON CORP COMMON STOCK USD.75		8,350,801.62	0.689%	27.057%
24	COCA COLA CO/THE COMMON STOCK USD.25		8,254,513.52	0.681%	27.738%
25	WALT DISNEY CO/THE COMMON STOCK USD.01		8,233,352.37	0.680%	28.418%
26	CISCO SYSTEMS INC COMMON STOCK USD.001		8,146,345.90	0.673%	29.090%
27	PEPSICO INC COMMON STOCK USD.017		7,919,474.35	0.654%	29.744%
28	CITIGROUP INC COMMON STOCK USD.01		7,593,579.00	0.627%	30.371%
29	MASTERCARD INC A COMMON STOCK USD.0001		7,234,833.87	0.597%	30.969%
30	ABBVIE INC COMMON STOCK USD.01		7,206,823.50	0.595%	31.563%
31	MERCK + CO. INC. COMMON STOCK USD.5		7,090,027.91	0.585%	32.149%
32	BOEING CO/THE COMMON STOCK USD5.0		6,979,132.94	0.576%	32.725%
33	ORACLE CORP COMMON STOCK USD.01		6,804,464.70	0.562%	33.287%
34	3M CO COMMON STOCK USD.01		6,773,801.13	0.559%	33.846%
35	INTL BUSINESS MACHINES CORP COMMON STOCK USD.2		6,702,842.48	0.553%	34.399%
36	GILEAD SCIENCES INC COMMON STOCK USD.001		6,153,391.44	0.508%	34.907%
37	PHILIP MORRIS INTERNATIONAL COMMON STOCK		6,127,823.04	0.506%	35.413%
38	ALTRIA GROUP INC COMMON STOCK USD.333		6,112,780.70	0.505%	35.918%
39	AMGEN INC COMMON STOCK USD.0001		6,038,256.42	0.499%	36.416%
40	GENERAL ELECTRIC CO COMMON STOCK USD.06		5,614,560.00	0.464%	36.880%
41	NVIDIA CORP COMMON STOCK USD.001		5,474,881.13	0.452%	37.332%
42	HONEYWELL INTERNATIONAL INC COMMON STOCK USD1.0		5,348,191.84	0.442%	37.774%
43	UNION PACIFIC CORP COMMON STOCK USD2.5		5,246,097.53	0.433%	38.207%
44	UNITED TECHNOLOGIES CORP COMMON STOCK USD1.0		5,174,230.80	0.427%	38.634%
45	MCDONALD S CORP COMMON STOCK USD.01		5,119,129.70	0.423%	39.056%
46	TEXAS INSTRUMENTS INC COMMON STOCK USD1.0		4,909,918.20	0.405%	39.462%
47	AMERICAN EXPRESS CO COMMON STOCK USD.2		4,668,826.56	0.385%	39.847%
48	DOWDUPONT INC COMMON STOCK USD.01		4,639,337.29	0.383%	40.230%
49	ACCENTURE PLC CL A COMMON STOCK USD.0000225		4,478,360.88	0.370%	40.600%
50	BRISTOL MYERS SQUIBB CO COMMON STOCK USD.1		4,336,239.50	0.358%	40.958%
51	CATERPILLAR INC COMMON STOCK USD1.0		4,243,071.00	0.350%	41.308%
52	US BANCORP COMMON STOCK USD.01		4,192,969.90	0.346%	41.654%
53	QUALCOMM INC COMMON STOCK USD.0001		4,189,400.29	0.346%	42.000%
54	MEDTRONIC PLC COMMON STOCK USD.1		3,997,415.40	0.330%	42.330%
55	LOCKHEED MARTIN CORP COMMON STOCK USD1.0		3,989,439.36	0.329%	42.660%
56	UNITED PARCEL SERVICE CL B COMMON STOCK USD.01		3,954,531.91	0.326%	42.986%
57	BROADCOM LTD COMMON STOCK		3,942,023.67	0.325%	43.312%
58	CVS HEALTH CORP COMMON STOCK USD.01		3,896,204.62	0.322%	43.633%
59	CHARTER COMMUNICATIONS INC A COMMON STOCK USD.001		3,879,713.70	0.320%	43.954%

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Equity			1,211,268,272.58		100.000%
60	STARBUCKS CORP COMMON STOCK USD.001		3,865,616.76	0.319%	44.273%
61	MICRON TECHNOLOGY INC COMMON STOCK USD.1		3,818,104.08	0.315%	44.588%
62	ABBOTT LABORATORIES COMMON STOCK		3,726,956.75	0.308%	44.896%
63	FEDEX CORP COMMON STOCK USD.1		3,710,284.11	0.306%	45.202%
64	THERMO FISHER SCIENTIFIC INC COMMON STOCK USD1.0		3,670,364.88	0.303%	45.505%
65	GENERAL MOTORS CO COMMON STOCK USD.01		3,618,314.28	0.299%	45.804%
66	LOWE S COS INC COMMON STOCK USD.5		3,547,061.70	0.293%	46.097%
67	TIME WARNER INC COMMON STOCK USD.01		3,482,119.83	0.287%	46.384%
68	PRICELINE GROUP INC/THE COMMON STOCK USD.008		3,431,968.20	0.283%	46.667%
69	CELGENE CORP COMMON STOCK USD.01		3,423,286.88	0.283%	46.950%
70	PAYPAL HOLDINGS INC COMMON STOCK USD.0001		3,397,839.68	0.281%	47.230%
71	COSTCO WHOLESALE CORP COMMON STOCK USD.005		3,327,590.64	0.275%	47.505%
72	NIKE INC CL B COMMON STOCK USD1.0		3,253,263.39	0.269%	47.774%
73	ELI LILLY + CO COMMON STOCK		3,114,047.76	0.257%	48.031%
74	WALGREENS BOOTS ALLIANCE INC COMMON STOCK USD.01		3,050,341.83	0.252%	48.283%
75	ADOBE SYSTEMS INC COMMON STOCK USD.0001		3,046,382.72	0.252%	48.534%
76	FORD MOTOR CO COMMON STOCK USD.01		2,998,800.27	0.248%	48.782%
77	BIOGEN INC COMMON STOCK USD.0005		2,877,868.44	0.238%	49.019%
78	NEXTERA ENERGY INC COMMON STOCK USD.01		2,844,759.15	0.235%	49.254%
79	AETNA INC COMMON STOCK USD.01		2,844,091.81	0.235%	49.489%
80	MORGAN STANLEY COMMON STOCK USD.01		2,826,750.00	0.233%	49.722%
81	SCHLUMBERGER LTD COMMON STOCK USD.01		2,825,280.00	0.233%	49.956%
82	DELTA AIR LINES INC COMMON STOCK USD.0001		2,706,322.82	0.223%	50.179%
83	GOLDMAN SACHS GROUP INC COMMON STOCK USD.01		2,686,435.92	0.222%	50.401%
84	AUTOMATIC DATA PROCESSING COMMON STOCK USD.1		2,650,146.70	0.219%	50.620%
85	BANK OF NEW YORK MELLON CORP COMMON STOCK USD.01		2,646,485.10	0.218%	50.838%
86	ANTHEM INC COMMON STOCK USD.01		2,618,472.36	0.216%	51.054%
87	APPLIED MATERIALS INC COMMON STOCK USD.01		2,564,969.22	0.212%	51.266%
88	NETFLIX INC COMMON STOCK USD.001		2,528,643.39	0.209%	51.475%
89	CSX CORP COMMON STOCK USD1.0		2,528,106.33	0.209%	51.684%
90	ILLINOIS TOOL WORKS COMMON STOCK USD.01		2,521,067.64	0.208%	51.892%
91	NORTHROP GRUMMAN CORP COMMON STOCK USD1.0		2,499,297.21	0.206%	52.098%
92	RAYTHEON COMPANY COMMON STOCK USD.01		2,486,579.80	0.205%	52.303%
93	DOLLAR TREE INC COMMON STOCK USD.01		2,402,065.00	0.198%	52.502%
94	CHUBB LTD COMMON STOCK		2,370,136.30	0.196%	52.697%
95	DUKE ENERGY CORP COMMON STOCK USD.001		2,332,090.48	0.193%	52.890%
96	DANAHER CORP COMMON STOCK USD.01		2,307,303.62	0.190%	53.080%
97	TRAVELERS COS INC/THE COMMON STOCK		2,301,053.85	0.190%	53.270%

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Equity			1,211,268,272.58		100.000%
98	BEST BUY CO INC COMMON STOCK USD.1		2,287,118.88	0.189%	53.459%
99	BLACKROCK INC COMMON STOCK USD.01		2,281,642.18	0.188%	53.647%
100	CIGNA CORP COMMON STOCK USD.25		2,267,635.56	0.187%	53.835%
101	MONDELEZ INTERNATIONAL INC A COMMON STOCK		2,254,827.75	0.186%	54.021%
102	EXPRESS SCRIPTS HOLDING CO COMMON STOCK USD.01		2,253,510.72	0.186%	54.207%
103	OCCIDENTAL PETROLEUM CORP COMMON STOCK USD.2		2,228,375.27	0.184%	54.391%
104	EOG RESOURCES INC COMMON STOCK USD.01		2,216,215.17	0.183%	54.574%
105	DEERE + CO COMMON STOCK USD1.0		2,207,535.44	0.182%	54.756%
106	TARGET CORP COMMON STOCK USD.0833		2,202,428.16	0.182%	54.938%
107	GENERAL DYNAMICS CORP COMMON STOCK USD1.0		2,198,273.40	0.181%	55.119%
108	PNC FINANCIAL SERVICES GROUP COMMON STOCK USD5.0		2,161,008.42	0.178%	55.298%
109	EMERSON ELECTRIC CO COMMON STOCK USD.5		2,147,871.66	0.177%	55.475%
110	TJX COMPANIES INC COMMON STOCK USD1.0		2,121,710.60	0.175%	55.650%
111	COLGATE PALMOLIVE CO COMMON STOCK USD1.0		2,120,474.55	0.175%	55.825%
112	NORFOLK SOUTHERN CORP COMMON STOCK USD1.0		2,119,278.92	0.175%	56.000%
113	COGNIZANT TECH SOLUTIONS A COMMON STOCK USD.01		2,114,749.49	0.175%	56.175%
114	ROCKWELL COLLINS INC COMMON STOCK USD.01		2,109,122.40	0.174%	56.349%
115	SCHWAB (CHARLES) CORP COMMON STOCK USD.01		2,099,139.76	0.173%	56.522%
116	CAPITAL ONE FINANCIAL CORP COMMON STOCK USD.01		2,060,683.90	0.170%	56.692%
117	CONOCOPHILLIPS COMMON STOCK USD.01		2,040,117.75	0.168%	56.861%
118	T ROWE PRICE GROUP INC COMMON STOCK USD.2		2,013,143.00	0.166%	57.027%
119	MOHAWK INDUSTRIES INC COMMON STOCK USD.01		2,009,269.76	0.166%	57.193%
120	FREEMPORT MCMORAN INC COMMON STOCK USD.1		1,989,214.20	0.164%	57.357%
121	HUMANA INC COMMON STOCK USD.166		1,987,899.75	0.164%	57.521%
122	SOUTHWEST AIRLINES CO COMMON STOCK USD1.0		1,962,927.70	0.162%	57.683%
123	AMERICAN INTERNATIONAL GROUP COMMON STOCK USD2.5		1,962,593.36	0.162%	57.845%
124	TE CONNECTIVITY LTD COMMON STOCK CHF.57		1,936,933.24	0.160%	58.005%
125	UNITED CONTINENTAL HOLDINGS COMMON STOCK USD.01		1,931,535.92	0.159%	58.165%
126	ALLERGAN PLC COMMON STOCK USD.0033		1,920,641.51	0.159%	58.323%
127	S+P GLOBAL INC COMMON STOCK USD1.0		1,915,349.27	0.158%	58.481%
128	STRYKER CORP COMMON STOCK USD.1		1,907,378.92	0.157%	58.639%
129	KIMBERLY CLARK CORP COMMON STOCK USD1.25		1,906,481.95	0.157%	58.796%
130	NUCOR CORP COMMON STOCK USD.4		1,903,127.47	0.157%	58.953%
131	DOMINION ENERGY INC COMMON STOCK		1,901,921.60	0.157%	59.110%
132	AIR PRODUCTS + CHEMICALS INC COMMON STOCK USD1.0		1,888,288.92	0.156%	59.266%
133	SOUTHERN CO/THE COMMON STOCK USD5.0		1,868,446.80	0.154%	59.421%
134	INTUIT INC COMMON STOCK USD.01		1,860,566.40	0.154%	59.574%
135	AMERIPRISE FINANCIAL INC COMMON STOCK USD.01		1,857,503.64	0.153%	59.728%

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Equity			1,211,268,272.58		100.000%
136	LYONDELLBASELL INDU CL A COMMON STOCK EUR.04		1,847,389.32	0.153%	59.880%
137	CME GROUP INC COMMON STOCK USD.01		1,846,719.71	0.152%	60.033%
138	MARSH + MCLENNAN COS COMMON STOCK USD1.0		1,804,739.00	0.149%	60.182%
139	ANDEAVOR COMMON STOCK USD.167		1,797,899.52	0.148%	60.330%
140	ACTIVISION BLIZZARD INC COMMON STOCK USD.000001		1,792,002.87	0.148%	60.478%
141	CONSTELLATION BRANDS INC A COMMON STOCK USD.01		1,782,297.15	0.147%	60.625%
142	CONCHO RESOURCES INC COMMON STOCK USD.001		1,745,937.89	0.144%	60.769%
143	MONSANTO CO COMMON STOCK USD.01		1,739,964.80	0.144%	60.913%
144	VALERO ENERGY CORP COMMON STOCK USD.01		1,737,788.92	0.143%	61.056%
145	PPG INDUSTRIES INC COMMON STOCK USD1.67		1,728,372.56	0.143%	61.199%
146	TWENTY FIRST CENTURY FOX A COMMON STOCK USD.01		1,713,871.00	0.141%	61.340%
147	PRINCIPAL FINANCIAL GROUP COMMON STOCK USD.01		1,707,753.90	0.141%	61.481%
148	FIDELITY NATIONAL INFO SERV COMMON STOCK USD.01		1,693,519.32	0.140%	61.621%
149	AON PLC COMMON STOCK USD.01		1,688,457.96	0.139%	61.761%
150	EBAY INC COMMON STOCK USD.001		1,673,963.72	0.138%	61.899%
151	SKYWORKS SOLUTIONS INC COMMON STOCK USD.25		1,671,692.52	0.138%	62.037%
152	WASTE MANAGEMENT INC COMMON STOCK USD.01		1,658,354.94	0.137%	62.174%
153	EATON CORP PLC COMMON STOCK USD.01		1,654,413.50	0.137%	62.310%
154	MGM RESORTS INTERNATIONAL COMMON STOCK USD.01		1,652,145.00	0.136%	62.447%
155	KRAFT HEINZ CO/THE COMMON STOCK USD.01		1,649,990.21	0.136%	62.583%
156	EASTMAN CHEMICAL CO COMMON STOCK USD.01		1,633,036.23	0.135%	62.718%
157	DAVITA INC COMMON STOCK USD.001		1,627,528.30	0.134%	62.852%
158	MARATHON PETROLEUM CORP COMMON STOCK		1,627,257.86	0.134%	62.987%
159	LABORATORY CRP OF AMER HLDGS COMMON STOCK USD.1		1,617,182.91	0.134%	63.120%
160	ALLSTATE CORP COMMON STOCK USD.01		1,603,034.94	0.132%	63.252%
161	PHILLIPS 66 COMMON STOCK		1,602,734.76	0.132%	63.385%
162	SALESFORCE.COM INC COMMON STOCK USD.001		1,601,416.32	0.132%	63.517%
163	PACCAR INC COMMON STOCK USD1.0		1,592,836.38	0.132%	63.648%
164	PRUDENTIAL FINANCIAL INC COMMON STOCK USD.01		1,585,321.92	0.131%	63.779%
165	KINDER MORGAN INC COMMON STOCK USD.01		1,580,169.94	0.130%	63.910%
166	SHERWIN WILLIAMS CO/THE COMMON STOCK USD1.0		1,571,511.55	0.130%	64.040%
167	MCKESSON CORP COMMON STOCK USD.01		1,566,730.44	0.129%	64.169%
168	BECTON DICKINSON AND CO COMMON STOCK USD1.0		1,562,729.63	0.129%	64.298%
169	METLIFE INC COMMON STOCK USD.01		1,561,160.46	0.129%	64.427%
170	DISCOVER FINANCIAL SERVICES COMMON STOCK USD.01		1,549,616.76	0.128%	64.555%
171	DXC TECHNOLOGY CO COMMON STOCK USD.01		1,541,745.92	0.127%	64.682%
172	PRAXAIR INC COMMON STOCK USD.01		1,535,575.08	0.127%	64.809%
173	ZOETIS INC COMMON STOCK USD.01		1,530,850.34	0.126%	64.935%

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Equity			1,211,268,272.58		100.000%
174	AFLAC INC COMMON STOCK USD.1		1,527,133.56	0.126%	65.061%
175	MOLSON COORS BREWING CO B COMMON STOCK USD.01		1,523,429.06	0.126%	65.187%
176	LAM RESEARCH CORP COMMON STOCK USD.001		1,521,726.72	0.126%	65.313%
177	INTERCONTINENTAL EXCHANGE IN COMMON STOCK USD.01		1,517,523.80	0.125%	65.438%
178	QUINTILES IMS HOLDINGS INC COMMON STOCK USD.01		1,515,886.30	0.125%	65.563%
179	WHIRLPOOL CORP COMMON STOCK USD1.0		1,510,778.88	0.125%	65.688%
180	DOLLAR GENERAL CORP COMMON STOCK USD.875		1,494,489.08	0.123%	65.811%
181	LEAR CORP COMMON STOCK USD.01		1,485,666.99	0.123%	65.934%
182	SYSCO CORP COMMON STOCK USD1.0		1,477,656.54	0.122%	66.056%
183	DEVON ENERGY CORP COMMON STOCK USD.1		1,447,402.50	0.119%	66.175%
184	TEXTRON INC COMMON STOCK USD.125		1,444,917.78	0.119%	66.295%
185	STATE STREET CORP COMMON STOCK USD1.0		1,441,364.00	0.119%	66.414%
186	GENERAL MILLS INC COMMON STOCK USD.1		1,434,186.16	0.118%	66.532%
187	HP INC COMMON STOCK USD.01		1,431,523.40	0.118%	66.650%
188	CA INC COMMON STOCK USD.1		1,424,396.20	0.118%	66.768%
189	EXELON CORP COMMON STOCK		1,420,619.30	0.117%	66.885%
190	FISERV INC COMMON STOCK USD.01		1,419,588.24	0.117%	67.002%
191	ECOLAB INC COMMON STOCK USD1.0		1,416,746.38	0.117%	67.119%
192	DR HORTON INC COMMON STOCK USD.01		1,416,355.77	0.117%	67.236%
193	HARTFORD FINANCIAL SVCS GRP COMMON STOCK USD.01		1,407,848.70	0.116%	67.352%
194	AMERICAN ELECTRIC POWER COMMON STOCK USD6.5		1,402,554.09	0.116%	67.468%
195	CENTENE CORP COMMON STOCK USD.001		1,386,503.34	0.114%	67.583%
196	NEWMONT MINING CORP COMMON STOCK USD1.6		1,379,757.12	0.114%	67.697%
197	HORMEL FOODS CORP COMMON STOCK USD.01465		1,378,705.36	0.114%	67.810%
198	SYNCHRONY FINANCIAL COMMON STOCK USD.001		1,377,249.02	0.114%	67.924%
199	DELPHI AUTOMOTIVE PLC COMMON STOCK USD.01		1,372,934.70	0.113%	68.037%
200	MYLAN NV COMMON STOCK EUR.01		1,363,586.35	0.113%	68.150%
201	VULCAN MATERIALS CO COMMON STOCK USD1.0		1,358,486.50	0.112%	68.262%
202	FIFTH THIRD BANCORP COMMON STOCK		1,356,797.20	0.112%	68.374%
203	CUMMINS INC COMMON STOCK USD2.5		1,346,941.20	0.111%	68.485%
204	NIELSEN HOLDINGS PLC COMMON STOCK EUR.07		1,346,753.10	0.111%	68.597%
205	KROGER CO COMMON STOCK USD1.0		1,343,512.80	0.111%	68.707%
206	WESTERN DIGITAL CORP COMMON STOCK USD.01		1,343,156.42	0.111%	68.818%
207	QUEST DIAGNOSTICS INC COMMON STOCK USD.01		1,341,710.46	0.111%	68.929%
208	MARRIOTT INTERNATIONAL CL A COMMON STOCK USD.01		1,328,498.12	0.110%	69.039%
209	ANALOG DEVICES INC COMMON STOCK USD.167		1,320,745.80	0.109%	69.148%
210	BB+T CORP COMMON STOCK USD5.0		1,317,366.96	0.109%	69.257%
211	ELECTRONIC ARTS INC COMMON STOCK USD.01		1,313,925.60	0.108%	69.365%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
212	ROCKWELL AUTOMATION INC COMMON STOCK USD1.0		1,313,161.98	0.108%	69.473%
213	PROGRESSIVE CORP COMMON STOCK USD1.0		1,306,349.80	0.108%	69.581%
214	APACHE CORP COMMON STOCK USD.625		1,283,545.62	0.106%	69.687%
215	INVESCO LTD COMMON STOCK USD.2		1,277,309.31	0.105%	69.793%
216	ROSS STORES INC COMMON STOCK USD.01		1,276,339.47	0.105%	69.898%
217	HEWLETT PACKARD ENTERPRISE COMMON STOCK USD.01		1,264,604.16	0.104%	70.003%
218	GAP INC/THE COMMON STOCK USD.05		1,263,191.97	0.104%	70.107%
219	BAXTER INTERNATIONAL INC COMMON STOCK USD1.0		1,258,970.16	0.104%	70.211%
220	AGILENT TECHNOLOGIES INC COMMON STOCK USD.01		1,252,228.21	0.103%	70.314%
221	HARRIS CORP COMMON STOCK USD1.0		1,245,520.80	0.103%	70.417%
222	NORWEGIAN CRUISE LINE HOLDIN COMMON STOCK USD.001		1,240,437.50	0.102%	70.519%
223	CENTURYLINK INC COMMON STOCK USD1.0		1,239,268.41	0.102%	70.622%
224	LAS VEGAS SANDS CORP COMMON STOCK USD.001		1,236,924.08	0.102%	70.724%
225	CORNING INC COMMON STOCK USD.5		1,233,927.10	0.102%	70.826%
226	KEYCORP COMMON STOCK USD1.0		1,232,148.75	0.102%	70.927%
227	INTERNATIONAL PAPER CO COMMON STOCK USD1.0		1,226,895.21	0.101%	71.029%
228	STANLEY BLACK + DECKER INC COMMON STOCK USD2.5		1,226,487.60	0.101%	71.130%
229	ARCONIC INC COMMON STOCK		1,225,830.88	0.101%	71.231%
230	HUNTSMAN CORP COMMON STOCK USD.01		1,209,267.32	0.100%	71.331%
231	L3 TECHNOLOGIES INC COMMON STOCK USD.01		1,207,872.54	0.100%	71.431%
232	ONEOK INC COMMON STOCK USD.01		1,206,476.37	0.100%	71.530%
233	BORGWARNER INC COMMON STOCK USD.01		1,188,308.80	0.098%	71.628%
234	WILLIAMS COS INC COMMON STOCK USD1.0		1,185,001.50	0.098%	71.726%
235	REGIONS FINANCIAL CORP COMMON STOCK USD.01		1,175,272.56	0.097%	71.823%
236	INTUITIVE SURGICAL INC COMMON STOCK USD.001		1,173,375.36	0.097%	71.920%
237	BOSTON SCIENTIFIC CORP COMMON STOCK USD.01		1,172,284.26	0.097%	72.017%
238	FLEX LTD COMMON STOCK		1,171,934.20	0.097%	72.114%
239	NORTHERN TRUST CORP COMMON STOCK USD1.667		1,170,683.36	0.097%	72.210%
240	INGERSOLL RAND PLC COMMON STOCK USD1.0		1,164,292.60	0.096%	72.306%
241	ALLY FINANCIAL INC COMMON STOCK USD.1		1,158,839.37	0.096%	72.402%
242	PARKER HANNIFIN CORP COMMON STOCK USD.5		1,151,538.66	0.095%	72.497%
243	T MOBILE US INC COMMON STOCK USD.0001		1,141,367.92	0.094%	72.591%
244	LKQ CORP COMMON STOCK USD.01		1,138,878.73	0.094%	72.685%
245	LINCOLN NATIONAL CORP COMMON STOCK		1,133,138.34	0.094%	72.779%
246	CR BARD INC COMMON STOCK USD.25		1,132,316.34	0.093%	72.872%
247	CITIZENS FINANCIAL GROUP COMMON STOCK USD.01		1,131,329.64	0.093%	72.966%
248	RAYMOND JAMES FINANCIAL INC COMMON STOCK USD.01		1,131,304.32	0.093%	73.059%
249	MARTIN MARIETTA MATERIALS COMMON STOCK USD.01		1,131,089.60	0.093%	73.153%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
250	P G + E CORP COMMON STOCK		1,122,471.10	0.093%	73.245%
251	JOHNSON CONTROLS INTERNATION COMMON STOCK USD.01		1,116,536.64	0.092%	73.337%
252	LOEWS CORP COMMON STOCK USD.01		1,115,955.40	0.092%	73.430%
253	CARMAX INC COMMON STOCK USD.5		1,112,155.90	0.092%	73.521%
254	NRG ENERGY INC COMMON STOCK USD.01		1,108,275.00	0.091%	73.613%
255	TYSON FOODS INC CL A COMMON STOCK USD.1		1,105,169.78	0.091%	73.704%
256	REGENERON PHARMACEUTICALS COMMON STOCK USD.001		1,101,970.94	0.091%	73.795%
257	WESTROCK CO COMMON STOCK		1,101,732.12	0.091%	73.886%
258	AUTOLIV INC COMMON STOCK USD1.0		1,097,394.54	0.091%	73.977%
259	CARDINAL HEALTH INC COMMON STOCK		1,096,125.20	0.090%	74.067%
260	INGREDION INC COMMON STOCK USD.01		1,092,550.60	0.090%	74.157%
261	PENTAIR PLC COMMON STOCK USD.01		1,090,932.18	0.090%	74.247%
262	GENUINE PARTS CO COMMON STOCK USD1.0		1,089,993.42	0.090%	74.337%
263	CELANESE CORP SERIES A COMMON STOCK USD.0001		1,086,180.03	0.090%	74.427%
264	HUNTINGTON BANCSHARES INC COMMON STOCK USD.01		1,085,853.00	0.090%	74.517%
265	DOVER CORP COMMON STOCK USD1.0		1,072,734.66	0.089%	74.605%
266	GLOBAL PAYMENTS INC COMMON STOCK		1,071,412.65	0.088%	74.694%
267	SEMPRA ENERGY COMMON STOCK		1,070,072.50	0.088%	74.782%
268	ESTEE LAUDER COMPANIES CL A COMMON STOCK USD.01		1,060,965.09	0.088%	74.870%
269	CBRE GROUP INC A COMMON STOCK USD.01		1,057,943.92	0.087%	74.957%
270	SVB FINANCIAL GROUP COMMON STOCK USD.001		1,057,368.16	0.087%	75.044%
271	AMERICAN AIRLINES GROUP INC COMMON STOCK		1,043,196.42	0.086%	75.130%
272	VERTEX PHARMACEUTICALS INC COMMON STOCK USD.01		1,042,766.13	0.086%	75.217%
273	CBS CORP CLASS B NON VOTING COMMON STOCK USD.001		1,038,556.72	0.086%	75.302%
274	AMETEK INC COMMON STOCK USD.01		1,037,996.20	0.086%	75.388%
275	VIACOM INC CLASS B COMMON STOCK USD.001		1,030,358.34	0.085%	75.473%
276	TESLA INC COMMON STOCK USD.001		1,030,063.71	0.085%	75.558%
277	XPO LOGISTICS INC COMMON STOCK USD.001		1,028,252.45	0.085%	75.643%
278	ZIMMER BIOMET HOLDINGS INC COMMON STOCK USD.01		1,025,621.46	0.085%	75.728%
279	CARNIVAL CORP COMMON STOCK USD.01		1,021,941.27	0.084%	75.812%
280	PAYCHEX INC COMMON STOCK USD.01		1,021,788.22	0.084%	75.896%
281	E TRADE FINANCIAL CORP COMMON STOCK USD.01		1,020,441.90	0.084%	75.981%
282	ALBEMARLE CORP COMMON STOCK USD.01		1,020,043.60	0.084%	76.065%
283	NASDAQ INC COMMON STOCK USD.01		1,018,916.25	0.084%	76.149%
284	FLEETCOR TECHNOLOGIES INC COMMON STOCK USD.001		1,018,393.74	0.084%	76.233%
285	HALLIBURTON CO COMMON STOCK USD2.5		1,016,015.28	0.084%	76.317%
286	ROPER TECHNOLOGIES INC COMMON STOCK USD.01		1,015,640.78	0.084%	76.401%
287	FIRST REPUBLIC BANK/CA COMMON STOCK USD.01		1,015,005.40	0.084%	76.485%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
288	UNITED RENTALS INC COMMON STOCK USD.01		1,012,006.44	0.084%	76.568%
289	AMPHENOL CORP CL A COMMON STOCK USD.001		1,011,027.00	0.083%	76.652%
290	ROYAL CARIBBEAN CRUISES LTD COMMON STOCK USD.01		1,008,477.96	0.083%	76.735%
291	CONSOLIDATED EDISON INC COMMON STOCK USD.1		1,005,236.10	0.083%	76.818%
292	ALASKA AIR GROUP INC COMMON STOCK USD.01		1,001,741.13	0.083%	76.901%
293	LIBERTY INTERACTIVE CORP Q A TRACKING STK USD.01		994,658.88	0.082%	76.983%
294	TWITTER INC COMMON STOCK USD.000005		993,698.42	0.082%	77.065%
295	OWENS CORNING COMMON STOCK USD.001		982,439.89	0.081%	77.146%
296	CONAGRA BRANDS INC COMMON STOCK USD5.0		979,913.76	0.081%	77.227%
297	SPIRIT AEROSYSTEMS HOLD CL A COMMON STOCK USD.01		979,863.30	0.081%	77.308%
298	PPL CORP COMMON STOCK USD.01		976,259.52	0.081%	77.388%
299	EDISON INTERNATIONAL COMMON STOCK		974,270.70	0.080%	77.469%
300	BALL CORP COMMON STOCK		971,806.41	0.080%	77.549%
301	JM SMUCKER CO/THE COMMON STOCK		971,524.05	0.080%	77.629%
302	FNF GROUP TRACKING STK USD.0001		970,674.80	0.080%	77.709%
303	AFFILIATED MANAGERS GROUP COMMON STOCK USD.01		967,375.50	0.080%	77.789%
304	FORTIVE CORP COMMON STOCK USD.01		965,971.68	0.080%	77.869%
305	XCEL ENERGY INC COMMON STOCK USD2.5		965,640.00	0.080%	77.949%
306	KANSAS CITY SOUTHERN COMMON STOCK USD.01		961,533.72	0.079%	78.028%
307	GOODYEAR TIRE + RUBBER CO COMMON STOCK		961,076.62	0.079%	78.107%
308	AMERISOURCEBERGEN CORP COMMON STOCK USD.01		945,253.80	0.078%	78.185%
309	MARKEL CORP COMMON STOCK		944,425.30	0.078%	78.263%
310	ARTHUR J GALLAGHER + CO COMMON STOCK USD1.0		931,837.62	0.077%	78.340%
311	PUBLIC SERVICE ENTERPRISE GP COMMON STOCK		930,913.20	0.077%	78.417%
312	UNIVERSAL HEALTH SERVICES B COMMON STOCK USD.01		930,359.30	0.077%	78.494%
313	ORBITAL ATK INC COMMON STOCK USD.01		928,914.84	0.077%	78.571%
314	WELLCARE HEALTH PLANS INC COMMON STOCK USD.01		926,214.16	0.076%	78.647%
315	VF CORP COMMON STOCK		921,190.90	0.076%	78.723%
316	STEEL DYNAMICS INC COMMON STOCK USD.005		918,380.01	0.076%	78.799%
317	LIBERTY BROADBAND C COMMON STOCK USD.01		918,290.80	0.076%	78.875%
318	ILLUMINA INC COMMON STOCK USD.01		916,994.11	0.076%	78.950%
319	AMERICAN FINANCIAL GROUP INC COMMON STOCK		914,492.81	0.075%	79.026%
320	ALEXION PHARMACEUTICALS INC COMMON STOCK USD.0001		911,569.88	0.075%	79.101%
321	POST HOLDINGS INC COMMON STOCK USD.01		907,834.71	0.075%	79.176%
322	SUNTRUST BANKS INC COMMON STOCK USD1.0		906,642.18	0.075%	79.251%
323	ARAMARK COMMON STOCK USD.01		904,077.17	0.075%	79.326%
324	DENTSPLY SIRONA INC COMMON STOCK USD.01		903,530.65	0.075%	79.400%
325	PERRIGO CO PLC COMMON STOCK EUR.001		903,038.50	0.075%	79.475%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
326	WILLIS TOWERS WATSON PLC COMMON STOCK USD.000304635		902,370.16	0.074%	79.549%
327	TD AMERITRADE HOLDING CORP COMMON STOCK USD.01		901,269.71	0.074%	79.624%
328	SNAP ON INC COMMON STOCK USD1.0		896,190.40	0.074%	79.698%
329	SENSATA TECHNOLOGIES HOLDING COMMON STOCK EUR.01		892,754.23	0.074%	79.771%
330	MONSTER BEVERAGE CORP COMMON STOCK		887,197.95	0.073%	79.845%
331	CITRIX SYSTEMS INC COMMON STOCK USD.001		885,166.15	0.073%	79.918%
332	KOHL'S CORP COMMON STOCK USD.01		878,630.40	0.073%	79.990%
333	HCA HEALTHCARE INC COMMON STOCK USD.01		870,882.80	0.072%	80.062%
334	ARCHER DANIELS MIDLAND CO COMMON STOCK		867,670.10	0.072%	80.134%
335	DR PEPPER SNAPPLE GROUP INC COMMON STOCK USD.01		865,765.62	0.071%	80.205%
336	PVH CORP COMMON STOCK USD1.0		864,717.39	0.071%	80.277%
337	ANADARKO PETROLEUM CORP COMMON STOCK USD.1		864,715.55	0.071%	80.348%
338	REINSURANCE GROUP OF AMERICA COMMON STOCK USD.01		864,611.44	0.071%	80.419%
339	HOLOGIC INC COMMON STOCK USD.01		857,718.85	0.071%	80.490%
340	ON SEMICONDUCTOR CORP COMMON STOCK USD.01		856,616.28	0.071%	80.561%
341	NATIONAL OILWELL VARCO INC COMMON STOCK USD.01		846,715.35	0.070%	80.631%
342	TOTAL SYSTEM SERVICES INC COMMON STOCK USD.1		843,993.70	0.070%	80.701%
343	CINTAS CORP COMMON STOCK		842,374.08	0.070%	80.770%
344	MOODY S CORP COMMON STOCK USD.01		840,503.82	0.069%	80.839%
345	HENRY SCHEIN INC COMMON STOCK USD.01		839,762.40	0.069%	80.909%
346	MICROSEMI CORP COMMON STOCK USD.2		834,439.95	0.069%	80.978%
347	LENNAR CORP A COMMON STOCK USD.1		834,270.62	0.069%	81.047%
348	YUM BRANDS INC COMMON STOCK		831,680.95	0.069%	81.115%
349	MANPOWERGROUP INC COMMON STOCK USD.01		831,400.32	0.069%	81.184%
350	GARMIN LTD COMMON STOCK CHF10.0		831,204.63	0.069%	81.252%
351	SONOCO PRODUCTS CO COMMON STOCK		830,090.12	0.069%	81.321%
352	O REILLY AUTOMOTIVE INC COMMON STOCK USD.01		828,611.60	0.068%	81.389%
353	CHEMOURS CO/THE COMMON STOCK		825,147.36	0.068%	81.458%
354	TAPESTRY INC COMMON STOCK USD.01		824,909.29	0.068%	81.526%
355	TIFFANY + CO COMMON STOCK USD.01		822,732.56	0.068%	81.594%
356	HESS CORP COMMON STOCK USD1.0		821,817.60	0.068%	81.661%
357	AMDOCS LTD COMMON STOCK GBP.0001		820,585.50	0.068%	81.729%
358	NOBLE ENERGY INC COMMON STOCK USD.01		819,182.91	0.068%	81.797%
359	ARCH CAPITAL GROUP LTD COMMON STOCK USD.01		816,549.80	0.067%	81.864%
360	THOR INDUSTRIES INC COMMON STOCK USD.1		812,960.96	0.067%	81.931%
361	JUNIPER NETWORKS INC COMMON STOCK USD.00001		810,873.31	0.067%	81.998%
362	REPUBLIC SERVICES INC COMMON STOCK USD.01		809,600.94	0.067%	82.065%
363	OMNICOM GROUP COMMON STOCK USD.15		808,430.08	0.067%	82.132%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
364	MARATHON OIL CORP COMMON STOCK USD1.0		808,264.80	0.067%	82.199%
365	INC RESEARCH HOLDINGS INC A COMMON STOCK USD.01		806,043.60	0.067%	82.265%
366	COMERICA INC COMMON STOCK USD5.0		804,949.65	0.066%	82.332%
367	PIONEER NATURAL RESOURCES CO COMMON STOCK USD.01		804,925.26	0.066%	82.398%
368	UNITED THERAPEUTICS CORP COMMON STOCK USD.01		803,210.07	0.066%	82.464%
369	EAST WEST BANCORP INC COMMON STOCK USD.001		801,856.00	0.066%	82.531%
370	M + T BANK CORP COMMON STOCK USD.5		797,827.68	0.066%	82.596%
371	NETAPP INC COMMON STOCK USD.001		792,541.64	0.065%	82.662%
372	CALPINE CORP COMMON STOCK USD.001		779,374.98	0.064%	82.726%
373	WEC ENERGY GROUP INC COMMON STOCK USD.01		774,108.93	0.064%	82.790%
374	JABIL INC COMMON STOCK USD.001		773,514.56	0.064%	82.854%
375	XILINX INC COMMON STOCK USD.01		769,028.84	0.063%	82.917%
376	TORCHMARK CORP COMMON STOCK USD1.0		763,395.62	0.063%	82.980%
377	EDWARDS LIFESCIENCES CORP COMMON STOCK USD1.0		761,409.04	0.063%	83.043%
378	PULTEGROUP INC COMMON STOCK USD.01		759,075.30	0.063%	83.106%
379	KEYSIGHT TECHNOLOGIES IN COMMON STOCK		758,987.97	0.063%	83.169%
380	OLD DOMINION FREIGHT LINE COMMON STOCK USD.1		755,487.81	0.062%	83.231%
381	OSHKOSH CORP COMMON STOCK USD.01		755,003.76	0.062%	83.293%
382	POLARIS INDUSTRIES INC COMMON STOCK USD.01		753,451.66	0.062%	83.356%
383	IPG PHOTONICS CORP COMMON STOCK USD.0001		752,211.03	0.062%	83.418%
384	JETBLUE AIRWAYS CORP COMMON STOCK USD.01		751,503.45	0.062%	83.480%
385	HERSHEY CO/THE COMMON STOCK USD1.0		750,374.06	0.062%	83.542%
386	LEIDOS HOLDINGS INC COMMON STOCK USD.0001		749,177.16	0.062%	83.603%
387	DTE ENERGY COMPANY COMMON STOCK		742,401.66	0.061%	83.665%
388	CINCINNATI FINANCIAL CORP COMMON STOCK USD2.0		741,837.24	0.061%	83.726%
389	METTLER TOLEDO INTERNATIONAL COMMON STOCK USD.01		741,336.18	0.061%	83.787%
390	ZIONS BANCORPORATION COMMON STOCK		740,944.08	0.061%	83.848%
391	ANSYS INC COMMON STOCK USD.01		740,147.94	0.061%	83.910%
392	COTY INC CL A COMMON STOCK USD.01		738,799.60	0.061%	83.970%
393	UNUM GROUP COMMON STOCK USD.1		736,834.36	0.061%	84.031%
394	CF INDUSTRIES HOLDINGS INC COMMON STOCK USD.01		736,736.04	0.061%	84.092%
395	ALLISON TRANSMISSION HOLDING COMMON STOCK USD.01		735,544.39	0.061%	84.153%
396	TERADYNE INC COMMON STOCK USD.125		734,105.24	0.061%	84.213%
397	WR BERKLEY CORP COMMON STOCK USD.2		721,735.92	0.060%	84.273%
398	CIMAREX ENERGY CO COMMON STOCK USD.01		721,224.24	0.060%	84.333%
399	EVERSOURCE ENERGY COMMON STOCK USD5.0		719,608.32	0.059%	84.392%
400	SYNOPSIS INC COMMON STOCK USD.01		716,558.64	0.059%	84.451%
401	HILTON WORLDWIDE HOLDINGS IN COMMON STOCK USD.01		716,367.08	0.059%	84.510%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
402	CLOROX COMPANY COMMON STOCK USD1.0		716,159.80	0.059%	84.569%
403	SYNNEX CORP COMMON STOCK USD.001		714,998.88	0.059%	84.628%
404	IDEX CORP COMMON STOCK USD.01		713,360.44	0.059%	84.687%
405	KLA TENCOR CORP COMMON STOCK USD.001		711,487.26	0.059%	84.746%
406	SANTANDER CONSUMER USA HOLDI COMMON STOCK USD.01		710,112.00	0.059%	84.805%
407	SCOTTS MIRACLE GRO CO COMMON STOCK USD.01		705,708.08	0.058%	84.863%
408	FLIR SYSTEMS INC COMMON STOCK USD.01		705,436.94	0.058%	84.921%
409	XL GROUP LTD COMMON STOCK		705,189.75	0.058%	84.979%
410	TARGA RESOURCES CORP COMMON STOCK USD.001		704,255.00	0.058%	85.038%
411	GENTEX CORP COMMON STOCK USD.06		702,700.23	0.058%	85.096%
412	LIVE NATION ENTERTAINMENT IN COMMON STOCK USD.01		701,924.74	0.058%	85.154%
413	IDEXX LABORATORIES INC COMMON STOCK USD.1		698,246.34	0.058%	85.211%
414	MACY S INC COMMON STOCK USD.01		697,872.00	0.058%	85.269%
415	COMMERCE BANCSHARES INC COMMON STOCK USD5.0		695,302.80	0.057%	85.326%
416	GRACO INC COMMON STOCK USD1.0		694,533.30	0.057%	85.384%
417	MICROCHIP TECHNOLOGY INC COMMON STOCK USD.001		693,556.80	0.057%	85.441%
418	RED HAT INC COMMON STOCK USD.0001		692,235.07	0.057%	85.498%
419	HARLEY DAVIDSON INC COMMON STOCK USD.01		686,950.74	0.057%	85.555%
420	CERNER CORP COMMON STOCK USD.01		686,880.96	0.057%	85.611%
421	GRAPHIC PACKAGING HOLDING CO COMMON STOCK USD.01		683,387.82	0.056%	85.668%
422	FIRST AMERICAN FINANCIAL COMMON STOCK USD.00001		683,351.94	0.056%	85.724%
423	MAXIM INTEGRATED PRODUCTS COMMON STOCK USD.001		680,498.08	0.056%	85.780%
424	ARROW ELECTRONICS INC COMMON STOCK USD1.0		679,419.52	0.056%	85.836%
425	FMC CORP COMMON STOCK USD.1		676,763.68	0.056%	85.892%
426	SS+C TECHNOLOGIES HOLDINGS COMMON STOCK USD.01		675,641.40	0.056%	85.948%
427	CARLISLE COS INC COMMON STOCK USD1.0		671,830.11	0.055%	86.004%
428	EXPEDIA INC COMMON STOCK USD.001		671,294.10	0.055%	86.059%
429	WESTERN ALLIANCE BANCORP COMMON STOCK USD.0001		670,325.40	0.055%	86.114%
430	VERISK ANALYTICS INC COMMON STOCK USD.001		668,918.25	0.055%	86.170%
431	TWENTY FIRST CENTURY FOX B COMMON STOCK USD.01		667,655.30	0.055%	86.225%
432	OLIN CORP COMMON STOCK USD1.0		667,256.98	0.055%	86.280%
433	DARDEN RESTAURANTS INC COMMON STOCK		666,798.35	0.055%	86.335%
434	AGCO CORP COMMON STOCK USD.01		666,568.97	0.055%	86.390%
435	XEROX CORP COMMON STOCK USD1.0		663,698.07	0.055%	86.445%
436	DELL TECHNOLOGIES INC CL V TRACKING STK		660,587.37	0.055%	86.499%
437	EATON VANCE CORP COMMON STOCK USD.00390625		659,441.02	0.054%	86.554%
438	WATERS CORP COMMON STOCK USD.01		658,335.90	0.054%	86.608%
439	ARRIS INTERNATIONAL PLC COMMON STOCK GBP.0001		654,531.00	0.054%	86.662%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
440	AUTODESK INC COMMON STOCK USD.01		654,415.52	0.054%	86.716%
441	NVR INC COMMON STOCK USD.01		652,992.63	0.054%	86.770%
442	TELEDYNE TECHNOLOGIES INC COMMON STOCK USD.01		651,456.68	0.054%	86.824%
443	KELLOGG CO COMMON STOCK USD.25		648,248.51	0.054%	86.877%
444	ASSURANT INC COMMON STOCK USD.01		647,380.80	0.053%	86.931%
445	ZEBRA TECHNOLOGIES CORP CL A COMMON STOCK USD.01		646,992.22	0.053%	86.984%
446	AUTONATION INC COMMON STOCK USD.01		645,114.00	0.053%	87.037%
447	MARVELL TECHNOLOGY GROUP LTD COMMON STOCK USD.002		644,732.29	0.053%	87.091%
448	KAR AUCTION SERVICES INC COMMON STOCK USD.01		644,161.30	0.053%	87.144%
449	CABOT OIL + GAS CORP COMMON STOCK USD.1		642,446.10	0.053%	87.197%
450	HUNTINGTON INGALLS INDUSTRIE COMMON STOCK USD.01		642,377.97	0.053%	87.250%
451	SERVICE CORP INTERNATIONAL COMMON STOCK USD1.0		642,074.22	0.053%	87.303%
452	XYLEM INC COMMON STOCK		641,548.79	0.053%	87.356%
453	BRUNSWICK CORP COMMON STOCK USD.75		639,405.60	0.053%	87.409%
454	EQUIFAX INC COMMON STOCK USD1.25		638,916.11	0.053%	87.461%
455	APTARGROUP INC COMMON STOCK USD.01		637,265.33	0.053%	87.514%
456	ALCOA CORP COMMON STOCK USD.01		635,856.24	0.052%	87.567%
457	TECHNIPFMC PLC COMMON STOCK USD1.0		634,270.23	0.052%	87.619%
458	ALLEGHANY CORP COMMON STOCK USD1.0		634,166.40	0.052%	87.671%
459	INCYTE CORP COMMON STOCK USD.001		632,954.25	0.052%	87.723%
460	BUNGE LTD COMMON STOCK USD.01		631,469.18	0.052%	87.776%
461	NEWELL BRANDS INC COMMON STOCK USD1.0		630,377.24	0.052%	87.828%
462	JONES LANG LASALLE INC COMMON STOCK USD.01		629,709.87	0.052%	87.880%
463	CBOE GLOBAL MARKETS INC COMMON STOCK		629,178.90	0.052%	87.932%
464	COOPER COS INC/THE COMMON STOCK USD.1		629,000.68	0.052%	87.984%
465	PACKAGING CORP OF AMERICA COMMON STOCK USD.01		628,904.43	0.052%	88.035%
466	CATALENT INC COMMON STOCK USD.01		628,841.35	0.052%	88.087%
467	TAKE TWO INTERACTIVE SOFTWARE COMMON STOCK USD.01		628,602.65	0.052%	88.139%
468	WYNN RESORTS LTD COMMON STOCK USD.01		628,602.38	0.052%	88.191%
469	ALIGN TECHNOLOGY INC COMMON STOCK USD.0001		627,561.48	0.052%	88.243%
470	EXPEDITORS INTL WASH INC COMMON STOCK USD.01		627,001.20	0.052%	88.295%
471	FRANKLIN RESOURCES INC COMMON STOCK USD.1		626,346.71	0.052%	88.346%
472	BROWN + BROWN INC COMMON STOCK USD.1		625,541.84	0.052%	88.398%
473	IAC/INTERACTIVECORP COMMON STOCK USD.001		623,440.55	0.051%	88.450%
474	ROBERT HALF INTL INC COMMON STOCK USD.001		623,414.34	0.051%	88.501%
475	EVEREST RE GROUP LTD COMMON STOCK USD.01		623,306.25	0.051%	88.552%
476	FORTUNE BRANDS HOME + SECURI COMMON STOCK USD.01		622,615.50	0.051%	88.604%
477	RYDER SYSTEM INC COMMON STOCK USD.5		622,045.76	0.051%	88.655%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
478	MICHAEL KORS HOLDINGS LTD COMMON STOCK		621,595.35	0.051%	88.707%
479	QORVO INC COMMON STOCK USD.0001		621,414.57	0.051%	88.758%
480	EURONET WORLDWIDE INC COMMON STOCK USD.02		620,718.72	0.051%	88.809%
481	CHARLES RIVER LABORATORIES COMMON STOCK USD.01		617,499.90	0.051%	88.860%
482	LEUCADIA NATIONAL CORP COMMON STOCK USD1.0		617,041.70	0.051%	88.911%
483	HUNT (JB) TRANSPRT SVCS INC COMMON STOCK USD.01		615,678.93	0.051%	88.962%
484	SLM CORP COMMON STOCK USD.2		613,912.89	0.051%	89.013%
485	TRINITY INDUSTRIES INC COMMON STOCK USD.01		613,684.92	0.051%	89.063%
486	WYNDHAM WORLDWIDE CORP COMMON STOCK USD.01		611,929.95	0.051%	89.114%
487	COGNEX CORP COMMON STOCK USD.002		610,700.85	0.050%	89.164%
488	QUANTA SERVICES INC COMMON STOCK USD.00001		610,584.59	0.050%	89.215%
489	BROADRIDGE FINANCIAL SOLUTIO COMMON STOCK USD.01		609,860.16	0.050%	89.265%
490	C.H. ROBINSON WORLDWIDE INC COMMON STOCK USD.1		607,429.55	0.050%	89.315%
491	FASTENAL CO COMMON STOCK USD.01		607,369.07	0.050%	89.365%
492	FLOWERVE CORP COMMON STOCK USD1.25		606,138.78	0.050%	89.415%
493	MCCORMICK + CO NON VTG SHRS COMMON STOCK		606,038.17	0.050%	89.465%
494	HILL ROM HOLDINGS INC COMMON STOCK		605,647.84	0.050%	89.515%
495	AMERCO COMMON STOCK USD.25		602,702.40	0.050%	89.565%
496	BLUE BUFFALO PET PRODUCTS IN COMMON STOCK USD.01		601,888.65	0.050%	89.615%
497	MACQUARIE INFRASTRUCTURE COR COMMON STOCK USD.001		599,521.00	0.049%	89.664%
498	DIAMONDBACK ENERGY INC COMMON STOCK USD.01		597,309.84	0.049%	89.714%
499	SERVICEMASTER GLOBAL HOLDING COMMON STOCK USD.01		595,046.41	0.049%	89.763%
500	REALOGY HOLDINGS CORP COMMON STOCK USD.01		592,802.88	0.049%	89.812%
501	SYMANTEC CORP COMMON STOCK USD.01		592,702.50	0.049%	89.861%
502	SIGNATURE BANK COMMON STOCK USD.01		592,325.56	0.049%	89.909%
503	LAZARD LTD CL A COMMON STOCK USD.01		592,110.70	0.049%	89.958%
504	COHERENT INC COMMON STOCK USD.01		591,360.21	0.049%	90.007%
505	LEVEL 3 COMMUNICATIONS INC COMMON STOCK USD.01		591,217.12	0.049%	90.056%
506	PERKINELMER INC COMMON STOCK USD1.0		589,914.24	0.049%	90.105%
507	BANK OF THE OZARKS COMMON STOCK USD.01		589,416.66	0.049%	90.153%
508	GENPACT LTD COMMON STOCK USD.01		587,410.95	0.048%	90.202%
509	HEXCEL CORP COMMON STOCK USD.01		584,808.84	0.048%	90.250%
510	INTERPUBLIC GROUP OF COS INC COMMON STOCK USD.1		583,775.50	0.048%	90.298%
511	BWX TECHNOLOGIES INC COMMON STOCK USD.01		581,823.20	0.048%	90.346%
512	JAZZ PHARMACEUTICALS PLC COMMON STOCK USD.0001		581,688.30	0.048%	90.394%
513	AKAMAI TECHNOLOGIES INC COMMON STOCK USD.01		579,609.25	0.048%	90.442%
514	BROWN FORMAN CORP CLASS B COMMON STOCK USD.15		579,323.20	0.048%	90.490%
515	US FOODS HOLDING CORP COMMON STOCK USD.01		576,944.72	0.048%	90.538%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity		1,211,268,272.58			100.000%
516	SYNOVUS FINANCIAL CORP COMMON STOCK USD1.0		574,427.85	0.047%	90.585%
517	SCRIPPS NETWORKS INTER CL A COMMON STOCK USD.01		570,134.88	0.047%	90.632%
518	TELEFLEX INC COMMON STOCK USD1.0		566,382.20	0.047%	90.679%
519	USG CORP COMMON STOCK USD.1		566,033.04	0.047%	90.726%
520	WEX INC COMMON STOCK USD.01		564,064.76	0.047%	90.772%
521	TRIMBLE INC COMMON STOCK		563,326.40	0.047%	90.819%
522	WESTERN UNION CO COMMON STOCK USD.01		562,832.40	0.046%	90.865%
523	RELIANCE STEEL + ALUMINUM COMMON STOCK		562,161.44	0.046%	90.912%
524	ULTA BEAUTY INC COMMON STOCK USD.01		560,169.04	0.046%	90.958%
525	DONALDSON CO INC COMMON STOCK USD5.0		558,919.19	0.046%	91.004%
526	PINNACLE FOODS INC COMMON STOCK USD.01		558,240.36	0.046%	91.050%
527	AMEREN CORPORATION COMMON STOCK USD.01		556,856.17	0.046%	91.096%
528	WILLIAMS SONOMA INC COMMON STOCK USD.01		553,564.80	0.046%	91.142%
529	HOLLYFRONTIER CORP COMMON STOCK USD.01		551,589.60	0.046%	91.187%
530	CREDIT ACCEPTANCE CORP COMMON STOCK USD.01		549,661.41	0.045%	91.233%
531	LOGMEIN INC COMMON STOCK USD.01		547,993.35	0.045%	91.278%
532	HUBBELL INC COMMON STOCK USD.01		546,687.90	0.045%	91.323%
533	EAGLE MATERIALS INC COMMON STOCK USD.01		545,374.62	0.045%	91.368%
534	ALLIANCE DATA SYSTEMS CORP COMMON STOCK USD.01		545,230.01	0.045%	91.413%
535	STERIS PLC COMMON STOCK		545,047.20	0.045%	91.458%
536	MOTOROLA SOLUTIONS INC COMMON STOCK USD.01		544,869.72	0.045%	91.503%
537	LINCOLN ELECTRIC HOLDINGS COMMON STOCK		542,503.06	0.045%	91.548%
538	DISH NETWORK CORP A COMMON STOCK USD.01		540,881.22	0.045%	91.592%
539	TRANSUNION COMMON STOCK USD.01		538,284.95	0.044%	91.637%
540	BOOZ ALLEN HAMILTON HOLDINGS COMMON STOCK USD.01		537,827.28	0.044%	91.681%
541	TRANSDIGM GROUP INC COMMON STOCK USD.01		536,685.00	0.044%	91.726%
542	EMCOR GROUP INC COMMON STOCK USD.01		535,472.01	0.044%	91.770%
543	BRIGHT HORIZONS FAMILY SOLUT COMMON STOCK USD.001		535,060.00	0.044%	91.814%
544	ADIANT PLC COMMON STOCK USD.001		531,889.80	0.044%	91.858%
545	CAMPBELL SOUP CO COMMON STOCK USD.0375		531,301.92	0.044%	91.902%
546	WABTEC CORP COMMON STOCK USD.01		531,292.50	0.044%	91.946%
547	WW GRAINGER INC COMMON STOCK USD.5		526,277.40	0.043%	91.989%
548	VANTIV INC CL A COMMON STOCK USD.00001		525,700.00	0.043%	92.032%
549	CINEMARK HOLDINGS INC COMMON STOCK USD.001		525,476.40	0.043%	92.076%
550	ASSURED GUARANTY LTD COMMON STOCK USD.01		523,258.40	0.043%	92.119%
551	BEMIS COMPANY COMMON STOCK USD.1		522,862.28	0.043%	92.162%
552	COPA HOLDINGS SA CLASS A COMMON STOCK		522,818.36	0.043%	92.205%
553	SEALED AIR CORP COMMON STOCK USD.1		521,515.93	0.043%	92.248%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
554	ENTERGY CORP COMMON STOCK USD.01		521,441.70	0.043%	92.292%
555	VARIAN MEDICAL SYSTEMS INC COMMON STOCK USD1.0		521,054.19	0.043%	92.335%
556	CURTISS WRIGHT CORP COMMON STOCK USD1.0		520,891.25	0.043%	92.378%
557	NAVIENT CORP COMMON STOCK USD.01		520,080.40	0.043%	92.420%
558	ARISTA NETWORKS INC COMMON STOCK USD.0001		519,114.33	0.043%	92.463%
559	CADENCE DESIGN SYS INC COMMON STOCK USD.01		515,459.88	0.043%	92.506%
560	STERICYCLE INC COMMON STOCK USD.01		514,583.55	0.042%	92.548%
561	CMS ENERGY CORP COMMON STOCK USD.01		514,414.95	0.042%	92.591%
562	LIBERTY MEDIA COR SIRIUSXM C TRACKING STK USD.01		512,336.65	0.042%	92.633%
563	AVERY DENNISON CORP COMMON STOCK USD1.0		510,359.19	0.042%	92.675%
564	SEAGATE TECHNOLOGY COMMON STOCK USD.00001		508,744.17	0.042%	92.717%
565	LPL FINANCIAL HOLDINGS INC COMMON STOCK		507,956.79	0.042%	92.759%
566	WATSCO INC COMMON STOCK USD.5		507,705.36	0.042%	92.801%
567	CDW CORP/DE COMMON STOCK USD.01		505,820.00	0.042%	92.843%
568	CSRA INC COMMON STOCK USD.001		501,187.33	0.041%	92.884%
569	TOLL BROTHERS INC COMMON STOCK USD.01		500,086.48	0.041%	92.926%
570	WESTLAKE CHEMICAL CORP COMMON STOCK USD.01		498,082.06	0.041%	92.967%
571	AECOM COMMON STOCK USD.01		495,082.26	0.041%	93.008%
572	HASBRO INC COMMON STOCK USD.5		494,338.01	0.041%	93.048%
573	AXALTA COATING SYSTEMS LTD COMMON STOCK USD1.0		488,974.50	0.040%	93.089%
574	CHURCH + DWIGHT CO INC COMMON STOCK USD1.0		487,971.51	0.040%	93.129%
575	CULLEN/FROST BANKERS INC COMMON STOCK USD.01		487,575.00	0.040%	93.169%
576	VAIL RESORTS INC COMMON STOCK USD.01		487,125.54	0.040%	93.209%
577	SIGNET JEWELERS LTD COMMON STOCK USD.18		486,463.83	0.040%	93.250%
578	NATIONAL INSTRUMENTS CORP COMMON STOCK USD.01		486,180.00	0.040%	93.290%
579	WEBSTER FINANCIAL CORP COMMON STOCK USD.01		484,021.98	0.040%	93.330%
580	RPM INTERNATIONAL INC COMMON STOCK USD.01		483,649.77	0.040%	93.370%
581	HOWARD HUGHES CORP/THE COMMON STOCK		483,079.55	0.040%	93.410%
582	ZAYO GROUP HOLDINGS INC COMMON STOCK USD.001		480,932.22	0.040%	93.449%
583	FLUOR CORP COMMON STOCK USD.01		480,884.40	0.040%	93.489%
584	PACWEST BANCORP COMMON STOCK		478,802.88	0.040%	93.528%
585	PEOPLE S UNITED FINANCIAL COMMON STOCK USD.01		476,501.76	0.039%	93.568%
586	SEI INVESTMENTS COMPANY COMMON STOCK USD.01		475,954.78	0.039%	93.607%
587	RENAISSANCERE HOLDINGS LTD COMMON STOCK USD1.0		475,681.68	0.039%	93.646%
588	CYPRESS SEMICONDUCTOR CORP COMMON STOCK USD.01		473,928.52	0.039%	93.685%
589	CENTERPOINT ENERGY INC COMMON STOCK USD.01		472,570.08	0.039%	93.725%
590	RICE ENERGY INC COMMON STOCK USD.01		472,311.00	0.039%	93.764%
591	MSCI INC COMMON STOCK USD.01		471,787.20	0.039%	93.802%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
592	FIRST HORIZON NATIONAL CORP COMMON STOCK USD.625		470,882.99	0.039%	93.841%
593	CASEY S GENERAL STORES INC COMMON STOCK NPV		468,935.01	0.039%	93.880%
594	GARTNER INC COMMON STOCK USD.0005		468,158.16	0.039%	93.919%
595	AMERICAN WATER WORKS CO INC COMMON STOCK USD.01		467,673.04	0.039%	93.957%
596	DISCOVERY COMMUNICATIONS C COMMON STOCK USD.01		463,184.67	0.038%	93.996%
597	JACK HENRY + ASSOCIATES INC COMMON STOCK USD.01		462,766.26	0.038%	94.034%
598	PENSKE AUTOMOTIVE GROUP INC COMMON STOCK USD.0001		460,186.02	0.038%	94.072%
599	SERVICENOW INC COMMON STOCK USD.001		459,607.69	0.038%	94.110%
600	UGI CORP COMMON STOCK		458,594.52	0.038%	94.148%
601	OLD REPUBLIC INTL CORP COMMON STOCK USD1.0		457,093.12	0.038%	94.185%
602	COPART INC COMMON STOCK		457,036.26	0.038%	94.223%
603	COLFAX CORP COMMON STOCK USD.001		454,847.55	0.038%	94.261%
604	CIT GROUP INC COMMON STOCK USD.01		449,603.28	0.037%	94.298%
605	VISTEON CORP COMMON STOCK		449,458.64	0.037%	94.335%
606	VOYA FINANCIAL INC COMMON STOCK USD.01		449,269.92	0.037%	94.372%
607	POOL CORP COMMON STOCK USD.001		446,886.00	0.037%	94.409%
608	AQUA AMERICA INC COMMON STOCK USD.5		446,054.56	0.037%	94.446%
609	BLACK KNIGHT INC COMMON STOCK		445,291.65	0.037%	94.482%
610	ZILLOW GROUP INC C COMMON STOCK		444,007.68	0.037%	94.519%
611	PINNACLE FINANCIAL PARTNERS COMMON STOCK USD1.0		440,825.80	0.036%	94.555%
612	MOSAIC CO/THE COMMON STOCK USD.01		440,634.16	0.036%	94.592%
613	ANTERO RESOURCES CORP COMMON STOCK USD.01		440,632.20	0.036%	94.628%
614	FIRST SOLAR INC COMMON STOCK USD.001		439,711.22	0.036%	94.664%
615	ADVANCE AUTO PARTS INC COMMON STOCK USD.0001		438,780.32	0.036%	94.701%
616	AUTOZONE INC COMMON STOCK USD.01		437,409.00	0.036%	94.737%
617	CORE LABORATORIES N.V. COMMON STOCK EUR.02		436,463.10	0.036%	94.773%
618	VERISIGN INC COMMON STOCK USD.001		435,240.96	0.036%	94.809%
619	INTL FLAVORS + FRAGRANCES COMMON STOCK USD.125		435,183.84	0.036%	94.845%
620	MKS INSTRUMENTS INC COMMON STOCK		434,600.00	0.036%	94.881%
621	WR GRACE + CO COMMON STOCK USD.01		433,927.77	0.036%	94.916%
622	BLUEBIRD BIO INC COMMON STOCK USD.01		427,454.30	0.035%	94.952%
623	ENVISION HEALTHCARE CORP COMMON STOCK		427,278.00	0.035%	94.987%
624	ROYAL GOLD INC COMMON STOCK USD.01		427,110.58	0.035%	95.022%
625	CONTINENTAL RESOURCES INC/OK COMMON STOCK USD.01		425,704.47	0.035%	95.057%
626	CRANE CO COMMON STOCK USD1.0		425,241.92	0.035%	95.092%
627	CROWN HOLDINGS INC COMMON STOCK USD5.0		424,679.86	0.035%	95.128%
628	SKECHERS USA INC CL A COMMON STOCK USD.001		421,790.88	0.035%	95.162%
629	JACOBS ENGINEERING GROUP INC COMMON STOCK USD1.0		421,498.61	0.035%	95.197%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
630	CDK GLOBAL INC COMMON STOCK USD.01		421,148.56	0.035%	95.232%
631	BIOMARIN PHARMACEUTICAL INC COMMON STOCK USD.001		420,464.98	0.035%	95.267%
632	FIRSTENERGY CORP COMMON STOCK USD.1		419,881.85	0.035%	95.301%
633	LIBERTY VENTURES SER A TRACKING STK USD.01		419,225.60	0.035%	95.336%
634	NEWMARKET CORP COMMON STOCK		418,807.94	0.035%	95.371%
635	RESMED INC COMMON STOCK USD.004		418,627.14	0.035%	95.405%
636	ALNYLAM PHARMACEUTICALS INC COMMON STOCK USD.01		418,154.88	0.035%	95.440%
637	AVNET INC COMMON STOCK USD1.0		418,059.20	0.035%	95.474%
638	CALATLANTIC GROUP INC COMMON STOCK USD.01		416,923.00	0.034%	95.509%
639	UBIQUITI NETWORKS INC COMMON STOCK USD.001		414,616.24	0.034%	95.543%
640	ALLEGION PLC COMMON STOCK USD.01		413,614.40	0.034%	95.577%
641	GENESEE + WYOMING INC CL A COMMON STOCK USD.01		410,725.16	0.034%	95.611%
642	MASCO CORP COMMON STOCK USD1.0		410,584.02	0.034%	95.645%
643	HELMERICH + PAYNE COMMON STOCK USD.1		409,877.57	0.034%	95.679%
644	F5 NETWORKS INC COMMON STOCK		409,043.71	0.034%	95.712%
645	NEW YORK COMMUNITY BANCORP COMMON STOCK USD.01		408,476.32	0.034%	95.746%
646	JANUS HENDERSON GROUP PLC COMMON STOCK		407,965.00	0.034%	95.780%
647	ABIOMED INC COMMON STOCK USD.01		405,517.84	0.033%	95.813%
648	COMMSCOPE HOLDING CO INC COMMON STOCK USD.01		404,642.60	0.033%	95.847%
649	MIDDLEBY CORP COMMON STOCK USD.01		403,447.90	0.033%	95.880%
650	VISTRA ENERGY CORP COMMON STOCK		402,582.96	0.033%	95.913%
651	NISOURCE INC COMMON STOCK USD.01		402,247.98	0.033%	95.946%
652	VALVOLINE INC COMMON STOCK USD.01		399,836.92	0.033%	95.979%
653	BIO RAD LABORATORIES A COMMON STOCK USD.0001		398,918.85	0.033%	96.012%
654	TRIPADVISOR INC COMMON STOCK USD.001		393,300.00	0.032%	96.045%
655	AXIS CAPITAL HOLDINGS LTD COMMON STOCK USD.0125		391,553.61	0.032%	96.077%
656	SIX FLAGS ENTERTAINMENT CORP COMMON STOCK		391,244.49	0.032%	96.109%
657	SMITH (A.O.) CORP COMMON STOCK USD1.0		389,536.00	0.032%	96.142%
658	MURPHY OIL CORP COMMON STOCK USD1.0		389,185.75	0.032%	96.174%
659	NEWS CORP CLASS A COMMON STOCK USD.01		388,708.96	0.032%	96.206%
660	WOODWARD INC COMMON STOCK USD.00292		386,727.33	0.032%	96.238%
661	DOMINO S PIZZA INC COMMON STOCK USD.01		385,215.00	0.032%	96.270%
662	PILGRIM S PRIDE CORP COMMON STOCK USD.01		384,982.92	0.032%	96.301%
663	LENNOX INTERNATIONAL INC COMMON STOCK USD.01		384,744.69	0.032%	96.333%
664	MDU RESOURCES GROUP INC COMMON STOCK USD1.0		382,982.05	0.032%	96.365%
665	VECTREN CORP COMMON STOCK		382,606.10	0.032%	96.396%
666	ACUITY BRANDS INC COMMON STOCK USD.01		382,386.40	0.032%	96.428%
667	EDGEWELL PERSONAL CARE CO COMMON STOCK USD.01		382,048.12	0.032%	96.459%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
668	VALIDUS HOLDINGS LTD COMMON STOCK USD.175		381,538.08	0.031%	96.491%
669	PRA HEALTH SCIENCES INC COMMON STOCK USD.01		380,848.11	0.031%	96.522%
670	ALLIANT ENERGY CORP COMMON STOCK USD.01		380,688.00	0.031%	96.554%
671	RALPH LAUREN CORP COMMON STOCK USD.01		380,524.65	0.031%	96.585%
672	FACTSET RESEARCH SYSTEMS INC COMMON STOCK USD.01		376,891.95	0.031%	96.616%
673	CARTER S INC COMMON STOCK USD.01		376,763.35	0.031%	96.647%
674	BOK FINANCIAL CORPORATION COMMON STOCK USD.00006		374,242.16	0.031%	96.678%
675	MADISON SQUARE GARDEN CO A COMMON STOCK USD.01		373,005.75	0.031%	96.709%
676	ATHENAHEALTH INC COMMON STOCK USD.01		371,363.52	0.031%	96.740%
677	UNIVERSAL DISPLAY CORP COMMON STOCK USD.01		368,008.00	0.030%	96.770%
678	NUANCE COMMUNICATIONS INC COMMON STOCK USD.001		367,527.16	0.030%	96.800%
679	LULULEMON ATHLETICA INC COMMON STOCK USD.005		367,153.19	0.030%	96.831%
680	HANESBRANDS INC COMMON STOCK USD.01		363,487.50	0.030%	96.861%
681	HERBALIFE LTD COMMON STOCK USD.002		362,155.94	0.030%	96.891%
682	PROSPERITY BANCSHARES INC COMMON STOCK USD1.0		361,329.54	0.030%	96.920%
683	COSTAR GROUP INC COMMON STOCK USD.01		358,153.25	0.030%	96.950%
684	TEGNA INC COMMON STOCK USD1.0		355,905.23	0.029%	96.979%
685	RSP PERMIAN INC COMMON STOCK USD.01		355,111.20	0.029%	97.009%
686	NATIONAL FUEL GAS CO COMMON STOCK USD1.0		355,033.80	0.029%	97.038%
687	WPX ENERGY INC COMMON STOCK		354,485.28	0.029%	97.067%
688	SPRINT CORP COMMON STOCK USD.01		353,833.62	0.029%	97.097%
689	BERRY GLOBAL GROUP INC COMMON STOCK USD.01		353,727.50	0.029%	97.126%
690	MSC INDUSTRIAL DIRECT CO A COMMON STOCK USD.001		353,402.70	0.029%	97.155%
691	HD SUPPLY HOLDINGS INC COMMON STOCK USD.01		353,156.81	0.029%	97.184%
692	ATMOS ENERGY CORP COMMON STOCK		352,798.56	0.029%	97.213%
693	ENERGEN CORP COMMON STOCK USD.01		350,577.70	0.029%	97.242%
694	INTERNATIONAL GAME TECHNOLOG COMMON STOCK USD.1		349,069.00	0.029%	97.271%
695	DUNKIN BRANDS GROUP INC COMMON STOCK USD.001		348,926.49	0.029%	97.300%
696	ASPEN TECHNOLOGY INC COMMON STOCK USD.1		348,601.56	0.029%	97.329%
697	BIOVERATIV INC COMMON STOCK USD.001		348,548.50	0.029%	97.357%
698	H+R BLOCK INC COMMON STOCK		346,731.10	0.029%	97.386%
699	LEGGETT + PLATT INC COMMON STOCK USD.01		346,132.24	0.029%	97.415%
700	CONSOL ENERGY INC COMMON STOCK USD.01		346,004.63	0.029%	97.443%
701	NCR CORPORATION COMMON STOCK USD.01		345,866.02	0.029%	97.472%
702	WABCO HOLDINGS INC COMMON STOCK USD.01		344,575.95	0.028%	97.500%
703	PINNACLE WEST CAPITAL COMMON STOCK		343,384.65	0.028%	97.528%
704	MEDNAX INC COMMON STOCK USD.01		343,050.86	0.028%	97.557%
705	DISCOVERY COMMUNICATIONS A COMMON STOCK USD.01		341,633.60	0.028%	97.585%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
706	BRUKER CORP COMMON STOCK USD.01		341,632.00	0.028%	97.613%
707	NORDSON CORP COMMON STOCK		341,049.48	0.028%	97.641%
708	FOOT LOCKER INC COMMON STOCK USD.01		339,242.24	0.028%	97.669%
709	SABRE CORP COMMON STOCK USD.01		335,473.56	0.028%	97.697%
710	ROLLINS INC COMMON STOCK USD1.0		332,398.70	0.027%	97.724%
711	INVESTORS BANCORP INC COMMON STOCK USD.01		330,756.25	0.027%	97.752%
712	MASIMO CORP COMMON STOCK USD.001		330,591.92	0.027%	97.779%
713	EQT CORP COMMON STOCK		328,897.86	0.027%	97.806%
714	BURLINGTON STORES INC COMMON STOCK USD.0001		328,615.00	0.027%	97.833%
715	BAKER HUGHES A GE CO COMMON STOCK USD.0001		327,877.76	0.027%	97.860%
716	DOLBY LABORATORIES INC CL A COMMON STOCK USD.001		327,245.12	0.027%	97.887%
717	CHENIERE ENERGY INC COMMON STOCK USD.003		326,478.90	0.027%	97.914%
718	TREEHOUSE FOODS INC COMMON STOCK USD.01		323,071.46	0.027%	97.941%
719	ASHLAND GLOBAL HOLDINGS INC COMMON STOCK		322,701.06	0.027%	97.968%
720	BROCADE COMMUNICATIONS SYS COMMON STOCK USD.001		321,971.05	0.027%	97.994%
721	TORO CO COMMON STOCK USD1.0		319,340.85	0.026%	98.021%
722	HAIN CELESTIAL GROUP INC COMMON STOCK USD.01		317,192.12	0.026%	98.047%
723	TRANSOCEAN LTD COMMON STOCK CHF.1		315,892.50	0.026%	98.073%
724	SIRIUS XM HOLDINGS INC COMMON STOCK USD.001		315,073.92	0.026%	98.099%
725	UNITED STATES STEEL CORP COMMON STOCK USD1.0		311,841.12	0.026%	98.125%
726	ERIE INDEMNITY COMPANY CL A COMMON STOCK		311,301.60	0.026%	98.150%
727	GUIDEWIRE SOFTWARE INC COMMON STOCK USD.0001		304,723.80	0.025%	98.176%
728	L BRANDS INC COMMON STOCK USD.5		304,034.56	0.025%	98.201%
729	COLUMBIA SPORTSWEAR CO COMMON STOCK		303,478.70	0.025%	98.226%
730	ADVANCED MICRO DEVICES COMMON STOCK USD.01		302,493.95	0.025%	98.251%
731	FLOWERS FOODS INC COMMON STOCK USD.01		301,187.81	0.025%	98.276%
732	CENTENNIAL RESOURCE DEVELO A COMMON STOCK USD.0001		300,582.10	0.025%	98.300%
733	FNB CORP COMMON STOCK USD.01		296,941.88	0.025%	98.325%
734	PARSLEY ENERGY INC CLASS A COMMON STOCK USD.01		295,818.60	0.024%	98.349%
735	NORDSTROM INC COMMON STOCK		294,678.80	0.024%	98.374%
736	SPECTRUM BRANDS HOLDINGS INC COMMON STOCK USD.01		293,706.24	0.024%	98.398%
737	MAXIMUS INC COMMON STOCK		293,487.74	0.024%	98.422%
738	WEST PHARMACEUTICAL SERVICES COMMON STOCK USD.25		292,944.60	0.024%	98.446%
739	PATTERSON UTI ENERGY INC COMMON STOCK USD.01		291,576.98	0.024%	98.470%
740	JUNO THERAPEUTICS INC COMMON STOCK USD.0001		288,097.65	0.024%	98.494%
741	DUN + BRADSTREET CORP COMMON STOCK USD.01		287,168.14	0.024%	98.518%
742	FIRST DATA CORP CLASS A COMMON STOCK USD.01		279,830.72	0.023%	98.541%
743	WESTAR ENERGY INC COMMON STOCK USD5.0		279,593.44	0.023%	98.564%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
744	LIONS GATE ENTERTAINMENT B COMMON STOCK		277,927.68	0.023%	98.587%
745	GREAT PLAINS ENERGY INC COMMON STOCK		277,873.12	0.023%	98.610%
746	CAVIUM INC COMMON STOCK USD.001		277,822.73	0.023%	98.633%
747	LAMB WESTON HOLDINGS INC COMMON STOCK USD1.0		277,640.55	0.023%	98.656%
748	EXACT SCIENCES CORP COMMON STOCK USD.01		275,169.96	0.023%	98.679%
749	PTC INC COMMON STOCK USD.01		272,910.15	0.023%	98.701%
750	HEICO CORP COMMON STOCK USD.01		269,954.36	0.022%	98.723%
751	HEALTHSOUTH CORP COMMON STOCK USD.01		269,734.44	0.022%	98.746%
752	MARKETAXESS HOLDINGS INC COMMON STOCK USD.003		268,656.00	0.022%	98.768%
753	CHIPOTLE MEXICAN GRILL INC COMMON STOCK USD.01		265,374.40	0.022%	98.790%
754	OGE ENERGY CORP COMMON STOCK USD.01		263,369.16	0.022%	98.811%
755	TRACTOR SUPPLY COMPANY COMMON STOCK USD.008		262,733.60	0.022%	98.833%
756	RANGE RESOURCES CORP COMMON STOCK USD.01		262,305.24	0.022%	98.855%
757	MICRO FOCUS INTL SPN ADR ADR		261,346.26	0.022%	98.876%
758	ULTIMATE SOFTWARE GROUP INC COMMON STOCK USD.01		261,341.10	0.022%	98.898%
759	WEATHERFORD INTERNATIONAL PL COMMON STOCK USD.001		260,791.32	0.022%	98.919%
760	WHITE MOUNTAINS INSURANCE GP COMMON STOCK USD1.0		258,742.65	0.021%	98.941%
761	HEICO CORP CLASS A COMMON STOCK USD.01		258,740.00	0.021%	98.962%
762	AVANGRID INC COMMON STOCK USD.01		256,839.45	0.021%	98.983%
763	NEWFIELD EXPLORATION CO COMMON STOCK USD.01		255,310.68	0.021%	99.004%
764	AES CORP COMMON STOCK USD.01		254,035.74	0.021%	99.025%
765	ECHOSTAR CORP A COMMON STOCK USD.001		252,782.10	0.021%	99.046%
766	MOLINA HEALTHCARE INC COMMON STOCK USD.001		250,971.00	0.021%	99.067%
767	TARO PHARMACEUTICAL INDUS COMMON STOCK ILS.0001		250,584.18	0.021%	99.088%
768	TYLER TECHNOLOGIES INC COMMON STOCK USD.01		249,269.74	0.021%	99.108%
769	VMWARE INC CLASS A COMMON STOCK USD.01		243,569.15	0.020%	99.128%
770	MATTEL INC COMMON STOCK USD1.0		241,099.00	0.020%	99.148%
771	IONIS PHARMACEUTICALS INC COMMON STOCK USD.001		240,261.77	0.020%	99.168%
772	WORKDAY INC CLASS A COMMON STOCK USD.001		234,743.85	0.019%	99.188%
773	EXELIXIS INC COMMON STOCK USD.001		232,282.30	0.019%	99.207%
774	SCANA CORP COMMON STOCK		223,551.48	0.018%	99.225%
775	PALO ALTO NETWORKS INC COMMON STOCK USD.0001		223,008.00	0.018%	99.244%
776	LIBERTY MEDIA COR SIRIUSXM A TRACKING STK USD.01		222,606.27	0.018%	99.262%
777	TABLEAU SOFTWARE INC CL A COMMON STOCK USD.0001		219,348.45	0.018%	99.280%
778	ALKERMES PLC COMMON STOCK USD.01		212,252.28	0.018%	99.298%
779	FIRST CITIZENS BCSHS CL A COMMON STOCK USD1.0		208,170.00	0.017%	99.315%
780	VEEVA SYSTEMS INC CLASS A COMMON STOCK USD.00001		204,088.06	0.017%	99.332%
781	NATIONAL BEVERAGE CORP COMMON STOCK USD.01		204,023.60	0.017%	99.348%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
782	TESARO INC COMMON STOCK USD.0001		201,555.57	0.017%	99.365%
783	OPKO HEALTH INC COMMON STOCK USD.01		196,273.72	0.016%	99.381%
784	AMC NETWORKS INC A COMMON STOCK		194,565.12	0.016%	99.397%
785	NEUROCRINE BIOSCIENCES INC COMMON STOCK USD.001		193,969.53	0.016%	99.413%
786	RPC INC COMMON STOCK USD.1		193,969.49	0.016%	99.429%
787	BIO TECHNE CORP COMMON STOCK USD.01		190,372.06	0.016%	99.445%
788	SEATTLE GENETICS INC COMMON STOCK USD.001		187,424.67	0.015%	99.461%
789	CABLE ONE INC COMMON STOCK USD.01		185,260.41	0.015%	99.476%
790	HYATT HOTELS CORP CL A COMMON STOCK USD.01		184,345.72	0.015%	99.491%
791	UNDER ARMOUR INC CLASS C COMMON STOCK USD.000333		180,675.10	0.015%	99.506%
792	MICHAELS COS INC/THE COMMON STOCK USD.06775		180,237.02	0.015%	99.521%
793	BROWN FORMAN CORP CLASS A COMMON STOCK USD.15		178,640.28	0.015%	99.536%
794	BRIGHTHOUSE FINANCIAL INC COMMON STOCK USD.01		173,730.92	0.014%	99.550%
795	KNIGHT SWIFT TRANSPORTATION COMMON STOCK USD.001		171,022.70	0.014%	99.564%
796	UNDER ARMOUR INC CLASS A COMMON STOCK USD.000333		170,322.08	0.014%	99.578%
797	VERSUM MATERIALS INC COMMON STOCK USD1.0		168,446.24	0.014%	99.592%
798	AIR LEASE CORP COMMON STOCK USD.01		167,977.70	0.014%	99.606%
799	SPLUNK INC COMMON STOCK USD.001		165,490.70	0.014%	99.620%
800	TFS FINANCIAL CORP COMMON STOCK USD.01		165,240.72	0.014%	99.633%
801	NEWS CORP CLASS B COMMON STOCK		165,132.00	0.014%	99.647%
802	ZILLOW GROUP INC A COMMON STOCK USD.0001		161,191.62	0.013%	99.660%
803	LIONS GATE ENTERTAINMENT A COMMON STOCK NPV		158,942.54	0.013%	99.673%
804	LIBERTY BROADBAND A COMMON STOCK USD.01		157,936.72	0.013%	99.686%
805	PREMIER INC CLASS A COMMON STOCK USD.01		157,828.77	0.013%	99.699%
806	GODADDY INC CLASS A COMMON STOCK USD.001		154,390.20	0.013%	99.712%
807	ACADIA HEALTHCARE CO INC COMMON STOCK USD.01		149,304.96	0.012%	99.724%
808	FORTINET INC COMMON STOCK USD.001		140,417.83	0.012%	99.736%
809	OWENS ILLINOIS INC COMMON STOCK USD.01		140,282.08	0.012%	99.748%
810	PATTERSON COS INC COMMON STOCK USD.01		140,267.00	0.012%	99.759%
811	CHENIERE ENERGY PART LP HOLD COMMON STOCK		139,322.56	0.012%	99.771%
812	AKORN INC COMMON STOCK		136,826.57	0.011%	99.782%
813	EPAM SYSTEMS INC COMMON STOCK USD.001		136,725.00	0.011%	99.793%
814	GRUBHUB INC COMMON STOCK USD.0001		131,070.96	0.011%	99.804%
815	SOUTHERN COPPER CORP COMMON STOCK USD.01		129,451.30	0.011%	99.815%
816	TEREX CORP COMMON STOCK USD.01		126,725.90	0.010%	99.825%
817	ITT INC COMMON STOCK USD1.0		120,284.56	0.010%	99.835%
818	LIBERTY MEDIA CORP LIBERTY C TRACKING STK USD.01		117,280.50	0.010%	99.845%
819	SQUARE INC A COMMON STOCK USD.000001		114,470.82	0.009%	99.854%

Row Id	Security Name	Notional Amount USD	Market Value USD	Asset Weight	Cumulative Weight
Equity			1,211,268,272.58		100.000%
820	DANA INC COMMON STOCK USD.01		103,117.18	0.009%	99.863%
821	DEXCOM INC COMMON STOCK USD.001		99,743.46	0.008%	99.871%
822	WAYFAIR INC CLASS A COMMON STOCK USD.001		97,510.50	0.008%	99.879%
823	PEGASYSTEMS INC COMMON STOCK USD.01		90,773.10	0.007%	99.887%
824	MALLINCKRODT PLC COMMON STOCK USD.2		87,504.21	0.007%	99.894%
825	HILTON GRAND VACATIONS INC COMMON STOCK USD.01		86,712.32	0.007%	99.901%
826	MATCH GROUP INC COMMON STOCK USD.001		85,648.22	0.007%	99.908%
827	CNA FINANCIAL CORP COMMON STOCK USD2.5		78,650.89	0.006%	99.915%
828	UNIVAR INC COMMON STOCK USD.01		76,636.00	0.006%	99.921%
829	ONEMAIN HOLDINGS INC COMMON STOCK USD.01		74,182.95	0.006%	99.927%
830	TERADATA CORP COMMON STOCK USD.01		69,408.75	0.006%	99.933%
831	ATLISSIAN CORP PLC CLASS A COMMON STOCK USD.1		67,718.00	0.006%	99.938%
832	COLONY NORTHSTAR INC CLASS A REIT USD.01		65,084.00	0.005%	99.944%
833	RITE AID CORP COMMON STOCK USD1.0		53,524.35	0.004%	99.948%
834	ONE GAS INC COMMON STOCK		53,270.16	0.004%	99.953%
835	KIRBY CORP COMMON STOCK USD.1		50,657.75	0.004%	99.957%
836	UMPQUA HOLDINGS CORP COMMON STOCK		48,797.10	0.004%	99.961%
837	LIBERTY MEDIA CORP LIBERTY A TRACKING STK USD.01		48,557.60	0.004%	99.965%
838	VIACOM INC CLASS A COMMON STOCK USD.001		43,752.80	0.004%	99.968%
839	ILG INC COMMON STOCK USD.01		39,935.82	0.003%	99.972%
840	INTEGRATED DEVICE TECH INC COMMON STOCK USD.001		38,868.57	0.003%	99.975%
841	AMC ENTERTAINMENT HLDS CL A COMMON STOCK USD.01		38,781.00	0.003%	99.978%
842	LENNAR CORP B SHS COMMON STOCK USD.1		36,442.00	0.003%	99.981%
843	MORNINGSTAR INC COMMON STOCK		33,061.48	0.003%	99.984%
844	CLEAN HARBORS INC COMMON STOCK USD.01		30,768.25	0.003%	99.986%
845	LIBERTY MEDIA CORP BRAVES C TRACKING STK		29,040.30	0.002%	99.989%
846	SINCLAIR BROADCAST GROUP A COMMON STOCK USD.01		28,847.00	0.002%	99.991%
847	NRG YIELD INC CLASS A COMMON STOCK USD.01		24,497.25	0.002%	99.993%
848	SEABOARD CORP COMMON STOCK USD1.0		17,600.48	0.001%	99.995%
849	LEGG MASON INC COMMON STOCK USD.1		14,775.66	0.001%	99.996%
850	LUMENTUM HOLDINGS INC COMMON STOCK USD.001		14,082.45	0.001%	99.997%
851	LIBERTY MEDIA CORP BRAVES A TRACKING STK		12,514.84	0.001%	99.998%
852	TELEPHONE AND DATA SYSTEMS COMMON STOCK USD.01		11,485.10	0.001%	99.999%
853	SAFEWAY CASA LEY CVR COMMON STOCK		6,970.33	0.001%	100.000%
854	PLATFORM SPECIALTY PRODUCTS COMMON STOCK USD.01		5,810.10	0.000%	100.000%
855	SAFEWAY PDC LLC CVR COMMON STOCK		2.06	0.000%	100.000%
Total			1,211,268,272.58		100.00%