

U.S. Large Cap Equity Portfolio

As of April 30, 2017 (Updated Monthly)

Source: State Street

Holdings are subject to change. The information below represents the portfolio's holdings (excluding cash and cash equivalents) as of the date indicated, and may not be representative of the current or future investments of the portfolio. The information below should not be relied upon by the reader as research or investment advice regarding any security. This listing of portfolio holdings is for informational purposes only and should not be deemed a recommendation to buy the securities. The holdings information below does not constitute an offer to sell or a solicitation of an offer to buy any security. The holdings information has not been audited.

By viewing this listing of portfolio holdings, you are agreeing to not redistribute the information and to not misuse this information to the detriment of portfolio shareholders. Misuse of this information includes, but is not limited to, (i) purchasing or selling any securities listed in the portfolio holdings solely in reliance upon this information; (ii) trading against any of the portfolios or (iii) knowingly engaging in any trading practices that are damaging to Dimensional or one of the portfolios.

Investors should consider the portfolio's investment objectives, risks, and charges and expenses, which are contained in the Prospectus. Investors should read it carefully before investing.

Your use of this website signifies that you agree to follow and be bound by the terms and conditions of use in the Legal Notices.

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
1	APPLE INC COMMON STOCK USD.00001	3.001%	3.001%
2	MICROSOFT CORP COMMON STOCK USD.00000625	1.990%	4.991%
3	AMAZON.COM INC COMMON STOCK USD.01	1.683%	6.674%
4	AT+T INC COMMON STOCK USD1.0	1.451%	8.124%
5	JOHNSON + JOHNSON COMMON STOCK USD1.0	1.410%	9.535%
6	JPMORGAN CHASE + CO COMMON STOCK USD1.0	1.312%	10.847%
7	COMCAST CORP CLASS A COMMON STOCK USD.01	1.092%	11.938%
8	WELLS FARGO + CO COMMON STOCK USD1.666	1.082%	13.021%
9	PFIZER INC COMMON STOCK USD.05	1.058%	14.078%
10	EXXON MOBIL CORP COMMON STOCK	1.011%	15.089%
11	FACEBOOK INC A COMMON STOCK USD.000006	0.994%	16.083%
12	ALPHABET INC CL C COMMON STOCK USD.001	0.991%	17.074%
13	ALPHABET INC CL A COMMON STOCK USD.001	0.963%	18.037%
14	GENERAL ELECTRIC CO COMMON STOCK USD.06	0.963%	19.000%
15	BERKSHIRE HATHAWAY INC CL B COMMON STOCK USD.0033	0.958%	19.958%
16	PROCTER + GAMBLE CO/THE COMMON STOCK	0.942%	20.900%
17	WALT DISNEY CO/THE COMMON STOCK USD.01	0.851%	21.751%
18	INTEL CORP COMMON STOCK USD.001	0.846%	22.597%
19	BANK OF AMERICA CORP COMMON STOCK USD.01	0.845%	23.442%
20	HOME DEPOT INC COMMON STOCK USD.05	0.838%	24.280%
21	VERIZON COMMUNICATIONS INC COMMON STOCK USD.1	0.837%	25.116%
22	COCA COLA CO/THE COMMON STOCK USD.25	0.742%	25.858%
23	MERCK + CO. INC. COMMON STOCK USD.5	0.722%	26.580%
24	PEPSICO INC COMMON STOCK USD.017	0.704%	27.284%
25	UNITEDHEALTH GROUP INC COMMON STOCK USD.01	0.699%	27.983%
26	CISCO SYSTEMS INC COMMON STOCK USD.001	0.690%	28.673%
27	INTL BUSINESS MACHINES CORP COMMON STOCK USD.2	0.676%	29.349%
28	VISA INC CLASS A SHARES COMMON STOCK USD.0001	0.655%	30.004%
29	WAL MART STORES INC COMMON STOCK USD.1	0.637%	30.641%
30	CHEVRON CORP COMMON STOCK USD.75	0.621%	31.262%
31	ALTRIA GROUP INC COMMON STOCK USD.333	0.607%	31.869%
32	ORACLE CORP COMMON STOCK USD.01	0.563%	32.432%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
33	PHILIP MORRIS INTERNATIONAL COMMON STOCK	0.552%	32.984%
34	MASTERCARD INC A COMMON STOCK USD.0001	0.548%	33.533%
35	CITIGROUP INC COMMON STOCK USD.01	0.514%	34.047%
36	3M CO COMMON STOCK USD.01	0.510%	34.558%
37	AMGEN INC COMMON STOCK USD.0001	0.499%	35.057%
38	UNITED TECHNOLOGIES CORP COMMON STOCK USD1.0	0.498%	35.555%
39	UNION PACIFIC CORP COMMON STOCK USD2.5	0.492%	36.047%
40	BOEING CO/THE COMMON STOCK USD5.0	0.466%	36.512%
41	ABBVIE INC COMMON STOCK USD.01	0.441%	36.953%
42	HONEYWELL INTERNATIONAL INC COMMON STOCK USD1.0	0.426%	37.379%
43	CELGENE CORP COMMON STOCK USD.01	0.395%	37.774%
44	TEXAS INSTRUMENTS INC COMMON STOCK USD1.0	0.390%	38.164%
45	CVS HEALTH CORP COMMON STOCK USD.01	0.387%	38.550%
46	WALGREENS BOOTS ALLIANCE INC COMMON STOCK USD.01	0.386%	38.937%
47	ACCENTURE PLC CL A COMMON STOCK USD.0000225	0.370%	39.307%
48	STARBUCKS CORP COMMON STOCK USD.001	0.367%	39.673%
49	MCDONALD S CORP COMMON STOCK USD.01	0.366%	40.039%
50	LOWE S COS INC COMMON STOCK USD.5	0.365%	40.404%
51	GILEAD SCIENCES INC COMMON STOCK USD.001	0.359%	40.763%
52	US BANCORP COMMON STOCK USD.01	0.350%	41.114%
53	CHARTER COMMUNICATIONS INC A COMMON STOCK USD.001	0.350%	41.464%
54	TIME WARNER INC COMMON STOCK USD.01	0.341%	41.805%
55	COSTCO WHOLESALE CORP COMMON STOCK USD.005	0.338%	42.143%
56	NIKE INC CL B COMMON STOCK USD1.0	0.318%	42.461%
57	SCHLUMBERGER LTD COMMON STOCK USD.01	0.311%	42.771%
58	MEDTRONIC PLC COMMON STOCK USD.1	0.309%	43.080%
59	QUALCOMM INC COMMON STOCK USD.0001	0.305%	43.386%
60	UNITED PARCEL SERVICE CL B COMMON STOCK USD.01	0.304%	43.690%
61	THERMO FISHER SCIENTIFIC INC COMMON STOCK USD1.0	0.303%	43.993%
62	ELI LILLY + CO COMMON STOCK	0.302%	44.295%
63	LOCKHEED MARTIN CORP COMMON STOCK USD1.0	0.301%	44.597%
64	AMERICAN EXPRESS CO COMMON STOCK USD.2	0.295%	44.892%
65	PRICELINE GROUP INC/THE COMMON STOCK USD.008	0.286%	45.178%
66	BRISTOL MYERS SQUIBB CO COMMON STOCK USD.1	0.278%	45.456%
67	FORD MOTOR CO COMMON STOCK USD.01	0.272%	45.728%
68	NVIDIA CORP COMMON STOCK USD.001	0.268%	45.995%
69	GENERAL MOTORS CO COMMON STOCK USD.01	0.257%	46.253%
70	DANAHER CORP COMMON STOCK USD.01	0.256%	46.509%
71	ABBOTT LABORATORIES COMMON STOCK	0.256%	46.765%
72	GOLDMAN SACHS GROUP INC COMMON STOCK USD.01	0.254%	47.019%
73	BROADCOM LTD COMMON STOCK	0.254%	47.273%
74	DELTA AIR LINES INC COMMON STOCK USD.0001	0.238%	47.511%
75	NEXTERA ENERGY INC COMMON STOCK USD.01	0.238%	47.749%
76	ALLERGAN PLC COMMON STOCK USD.0033	0.235%	47.984%
77	PNC FINANCIAL SERVICES GROUP COMMON STOCK USD5.0	0.235%	48.219%
78	CONOCOPHILLIPS COMMON STOCK USD.01	0.232%	48.451%
79	CATERPILLAR INC COMMON STOCK USD1.0	0.231%	48.682%
80	MICRON TECHNOLOGY INC COMMON STOCK USD.1	0.231%	48.913%
81	AUTOMATIC DATA PROCESSING COMMON STOCK USD.1	0.231%	49.144%
82	FEDEX CORP COMMON STOCK USD.1	0.229%	49.374%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
83	DOW CHEMICAL CO/THE COMMON STOCK USD2.5	0.225%	49.598%
84	BIOGEN INC COMMON STOCK USD.0005	0.223%	49.822%
85	CSX CORP COMMON STOCK USD1.0	0.221%	50.042%
86	AETNA INC COMMON STOCK USD.01	0.219%	50.261%
87	PAYPAL HOLDINGS INC COMMON STOCK	0.218%	50.479%
88	ILLINOIS TOOL WORKS COMMON STOCK USD.01	0.216%	50.695%
89	BANK OF NEW YORK MELLON CORP COMMON STOCK USD.01	0.215%	50.910%
90	TJX COMPANIES INC COMMON STOCK USD1.0	0.214%	51.125%
91	DUKE ENERGY CORP COMMON STOCK USD.001	0.211%	51.336%
92	MORGAN STANLEY COMMON STOCK USD.01	0.209%	51.545%
93	EXPRESS SCRIPTS HOLDING CO COMMON STOCK USD.01	0.209%	51.754%
94	RAYTHEON COMPANY COMMON STOCK USD.01	0.208%	51.962%
95	NORTHROP GRUMMAN CORP COMMON STOCK USD1.0	0.202%	52.164%
96	MONDELEZ INTERNATIONAL INC A COMMON STOCK	0.200%	52.363%
97	T ROWE PRICE GROUP INC COMMON STOCK USD.2	0.196%	52.559%
98	CHUBB LTD COMMON STOCK	0.196%	52.755%
99	AMERICAN INTERNATIONAL GROUP COMMON STOCK USD2.5	0.192%	52.947%
100	DOLLAR TREE INC COMMON STOCK USD.01	0.192%	53.139%
101	COLGATE PALMOLIVE CO COMMON STOCK USD1.0	0.191%	53.330%
102	BEST BUY CO INC COMMON STOCK USD.1	0.189%	53.520%
103	EOG RESOURCES INC COMMON STOCK USD.01	0.186%	53.706%
104	UNITED CONTINENTAL HOLDINGS COMMON STOCK USD.01	0.184%	53.890%
105	NORFOLK SOUTHERN CORP COMMON STOCK USD1.0	0.184%	54.074%
106	GENERAL DYNAMICS CORP COMMON STOCK USD1.0	0.181%	54.255%
107	ANTHEM INC COMMON STOCK USD.01	0.180%	54.435%
108	BLACKROCK INC COMMON STOCK USD.01	0.180%	54.615%
109	SOUTHWEST AIRLINES CO COMMON STOCK USD1.0	0.180%	54.795%
110	SCHWAB (CHARLES) CORP COMMON STOCK USD.01	0.176%	54.971%
111	DOMINION RESOURCES INC/VA COMMON STOCK	0.176%	55.147%
112	MOHAWK INDUSTRIES INC COMMON STOCK USD.01	0.175%	55.322%
113	TRAVELERS COS INC/THE COMMON STOCK	0.173%	55.495%
114	TWENTY FIRST CENTURY FOX A COMMON STOCK USD.01	0.173%	55.668%
115	ADOBE SYSTEMS INC COMMON STOCK USD.0001	0.168%	55.836%
116	KIMBERLY CLARK CORP COMMON STOCK USD1.25	0.167%	56.003%
117	WHIRLPOOL CORP COMMON STOCK USD1.0	0.166%	56.169%
118	DU PONT (E.I.) DE NEMOURS COMMON STOCK USD.3	0.164%	56.333%
119	HEWLETT PACKARD ENTERPRIS COMMON STOCK USD.01	0.163%	56.496%
120	COGNIZANT TECH SOLUTIONS A COMMON STOCK USD.01	0.163%	56.660%
121	MONSANTO CO COMMON STOCK USD.01	0.162%	56.822%
122	METLIFE INC COMMON STOCK USD.01	0.161%	56.983%
123	NETFLIX INC COMMON STOCK USD.001	0.161%	57.144%
124	MARSH + MCLENNAN COS COMMON STOCK USD1.0	0.160%	57.304%
125	REYNOLDS AMERICAN INC COMMON STOCK USD.0001	0.158%	57.462%
126	PRUDENTIAL FINANCIAL INC COMMON STOCK USD.01	0.158%	57.620%
127	DAVITA INC COMMON STOCK USD.001	0.158%	57.779%
128	EMERSON ELECTRIC CO COMMON STOCK USD.5	0.156%	57.935%
129	AIR PRODUCTS + CHEMICALS INC COMMON STOCK USD1.0	0.155%	58.090%
130	PHILLIPS 66 COMMON STOCK	0.154%	58.243%
131	TARGET CORP COMMON STOCK USD.0833	0.153%	58.397%
132	PRINCIPAL FINANCIAL GROUP COMMON STOCK USD.01	0.153%	58.550%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
133	EATON CORP PLC COMMON STOCK USD.01	0.152%	58.701%
134	KINDER MORGAN INC COMMON STOCK USD.01	0.151%	58.853%
135	TE CONNECTIVITY LTD COMMON STOCK CHF.57	0.151%	59.003%
136	INTUIT INC COMMON STOCK USD.01	0.150%	59.153%
137	CAPITAL ONE FINANCIAL CORP COMMON STOCK USD.01	0.149%	59.302%
138	SOUTHERN CO/THE COMMON STOCK USD5.0	0.147%	59.449%
139	APPLIED MATERIALS INC COMMON STOCK USD.01	0.146%	59.595%
140	KRAFT HEINZ CO/THE COMMON STOCK USD.01	0.145%	59.741%
141	STRYKER CORP COMMON STOCK USD.1	0.145%	59.885%
142	INTERCONTINENTAL EXCHANGE IN COMMON STOCK USD.01	0.144%	60.029%
143	LABORATORY CRP OF AMER HLDGS COMMON STOCK USD.1	0.143%	60.172%
144	DISCOVER FINANCIAL SERVICES COMMON STOCK USD.01	0.141%	60.314%
145	OCCIDENTAL PETROLEUM CORP COMMON STOCK USD.2	0.141%	60.455%
146	S+P GLOBAL INC COMMON STOCK USD1.0	0.141%	60.596%
147	STATE STREET CORP COMMON STOCK USD1.0	0.140%	60.736%
148	CA INC COMMON STOCK USD.1	0.140%	60.876%
149	BB+T CORP COMMON STOCK USD5.0	0.139%	61.015%
150	ACTIVISION BLIZZARD INC COMMON STOCK USD.00001	0.139%	61.153%
151	VALERO ENERGY CORP COMMON STOCK USD.01	0.138%	61.291%
152	AON PLC COMMON STOCK USD.01	0.137%	61.428%
153	SYSCO CORP COMMON STOCK USD1.0	0.136%	61.564%
154	CONSTELLATION BRANDS INC A COMMON STOCK USD.01	0.136%	61.700%
155	QUEST DIAGNOSTICS INC COMMON STOCK USD.01	0.136%	61.836%
156	MCKESSON CORP COMMON STOCK USD.01	0.135%	61.972%
157	WHOLE FOODS MARKET INC COMMON STOCK	0.134%	62.105%
158	WASTE MANAGEMENT INC COMMON STOCK USD.01	0.133%	62.239%
159	AFLAC INC COMMON STOCK USD.1	0.132%	62.371%
160	ZOETIS INC COMMON STOCK USD.01	0.130%	62.501%
161	EASTMAN CHEMICAL CO COMMON STOCK USD.01	0.130%	62.631%
162	CENTURYLINK INC COMMON STOCK USD1.0	0.130%	62.761%
163	FIFTH THIRD BANCORP COMMON STOCK	0.129%	62.891%
164	HUMANA INC COMMON STOCK USD.166	0.128%	63.019%
165	DEERE + CO COMMON STOCK USD1.0	0.127%	63.147%
166	PRAXAIR INC COMMON STOCK USD.01	0.127%	63.274%
167	FISERV INC COMMON STOCK USD.01	0.127%	63.401%
168	ROSS STORES INC COMMON STOCK USD.01	0.127%	63.527%
169	HARTFORD FINANCIAL SVCS GRP COMMON STOCK USD.01	0.127%	63.654%
170	P G + E CORP COMMON STOCK	0.126%	63.780%
171	BECTON DICKINSON AND CO COMMON STOCK USD1.0	0.126%	63.906%
172	MARATHON PETROLEUM CORP COMMON STOCK	0.126%	64.032%
173	PPG INDUSTRIES INC COMMON STOCK USD1.67	0.125%	64.158%
174	EBAY INC COMMON STOCK USD.001	0.125%	64.282%
175	CARDINAL HEALTH INC COMMON STOCK	0.125%	64.407%
176	CME GROUP INC COMMON STOCK USD.01	0.125%	64.532%
177	T MOBILE US INC COMMON STOCK USD.0001	0.125%	64.656%
178	AMERICAN ELECTRIC POWER COMMON STOCK USD6.5	0.124%	64.780%
179	TEXTRON INC COMMON STOCK USD.125	0.124%	64.904%
180	DXC TECHNOLOGY CO COMMON STOCK USD.01	0.123%	65.027%
181	GENERAL MILLS INC COMMON STOCK USD.1	0.123%	65.150%
182	LYONDELLBASELL INDU CL A COMMON STOCK EUR.04	0.123%	65.273%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
183	CITIZENS FINANCIAL GROUP COMMON STOCK USD.01	0.122%	65.394%
184	FIDELITY NATIONAL INFO SERV COMMON STOCK USD.01	0.120%	65.514%
185	KROGER CO COMMON STOCK USD1.0	0.119%	65.633%
186	EXELON CORP COMMON STOCK	0.119%	65.752%
187	WILLIS TOWERS WATSON PLC COMMON STOCK USD.000304635	0.117%	65.868%
188	FIRST REPUBLIC BANK/CA COMMON STOCK USD.01	0.116%	65.984%
189	ANADARKO PETROLEUM CORP COMMON STOCK USD.1	0.115%	66.100%
190	KEYCORP COMMON STOCK USD1.0	0.115%	66.215%
191	MGM RESORTS INTERNATIONAL COMMON STOCK USD.01	0.115%	66.329%
192	SYNCHRONY FINANCIAL COMMON STOCK USD.001	0.114%	66.443%
193	SUNTRUST BANKS INC COMMON STOCK USD1.0	0.114%	66.557%
194	SALESFORCE.COM INC COMMON STOCK USD.001	0.113%	66.670%
195	INGERSOLL RAND PLC COMMON STOCK USD1.0	0.113%	66.783%
196	LEAR CORP COMMON STOCK USD.01	0.112%	66.895%
197	LAS VEGAS SANDS CORP COMMON STOCK USD.001	0.112%	67.007%
198	WESTERN DIGITAL CORP COMMON STOCK USD.01	0.111%	67.118%
199	REGIONS FINANCIAL CORP COMMON STOCK USD.01	0.111%	67.230%
200	HP INC COMMON STOCK USD.01	0.111%	67.341%
201	GOODYEAR TIRE + RUBBER CO COMMON STOCK	0.110%	67.451%
202	GENUINE PARTS CO COMMON STOCK USD1.0	0.110%	67.561%
203	INVESCO LTD COMMON STOCK USD.2	0.110%	67.671%
204	FREEMANTLE MCMORAN INC COMMON STOCK USD.1	0.109%	67.781%
205	CONAGRA BRANDS INC COMMON STOCK USD5.0	0.108%	67.888%
206	DELPHI AUTOMOTIVE PLC COMMON STOCK USD.01	0.108%	67.996%
207	VIACOM INC CLASS B COMMON STOCK USD.001	0.107%	68.103%
208	AMERIPRISE FINANCIAL INC COMMON STOCK USD.01	0.107%	68.210%
209	VULCAN MATERIALS CO COMMON STOCK USD1.0	0.106%	68.317%
210	UNIVERSAL HEALTH SERVICES B COMMON STOCK USD.01	0.106%	68.423%
211	HALLIBURTON CO COMMON STOCK USD2.5	0.106%	68.528%
212	ECOLAB INC COMMON STOCK USD1.0	0.106%	68.634%
213	BAXTER INTERNATIONAL INC COMMON STOCK USD1.0	0.105%	68.739%
214	MACY S INC COMMON STOCK USD.01	0.105%	68.845%
215	DOLLAR GENERAL CORP COMMON STOCK USD.875	0.105%	68.950%
216	ALLSTATE CORP COMMON STOCK USD.01	0.105%	69.055%
217	CIGNA CORP COMMON STOCK USD.25	0.105%	69.160%
218	CR BARD INC COMMON STOCK USD.25	0.103%	69.264%
219	ROCKWELL COLLINS INC COMMON STOCK USD.01	0.103%	69.366%
220	JM SMUCKER CO/THE COMMON STOCK	0.102%	69.469%
221	TESORO CORP COMMON STOCK USD.167	0.102%	69.570%
222	NORWEGIAN CRUISE LINE HOLDIN COMMON STOCK USD.001	0.102%	69.672%
223	SHERWIN WILLIAMS CO/THE COMMON STOCK USD1.0	0.101%	69.773%
224	ELECTRONIC ARTS INC COMMON STOCK USD.01	0.101%	69.874%
225	MARTIN MARIETTA MATERIALS COMMON STOCK USD.01	0.101%	69.975%
226	YAHOO INC COMMON STOCK USD.001	0.100%	70.075%
227	STANLEY BLACK + DECKER INC COMMON STOCK USD2.5	0.100%	70.176%
228	JOHNSON CONTROLS INTERNATION COMMON STOCK USD.01	0.100%	70.276%
229	SEMPRA ENERGY COMMON STOCK	0.100%	70.375%
230	ROCKWELL AUTOMATION INC COMMON STOCK USD1.0	0.100%	70.475%
231	LINCOLN NATIONAL CORP COMMON STOCK	0.099%	70.574%
232	FLEX LTD COMMON STOCK	0.099%	70.673%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
233	CENTENE CORP COMMON STOCK USD.001	0.098%	70.771%
234	CBS CORP CLASS B NON VOTING COMMON STOCK USD.001	0.097%	70.869%
235	AGILENT TECHNOLOGIES INC COMMON STOCK USD.01	0.096%	70.965%
236	PPL CORP COMMON STOCK USD.01	0.096%	71.061%
237	ALBEMARLE CORP COMMON STOCK USD.01	0.096%	71.157%
238	OMNICOM GROUP COMMON STOCK USD.15	0.096%	71.253%
239	CUMMINS INC COMMON STOCK USD2.5	0.095%	71.348%
240	JUNIPER NETWORKS INC COMMON STOCK USD.00001	0.095%	71.443%
241	O REILLY AUTOMOTIVE INC COMMON STOCK USD.01	0.094%	71.538%
242	EDISON INTERNATIONAL COMMON STOCK	0.094%	71.632%
243	REGENERON PHARMACEUTICALS COMMON STOCK USD.001	0.094%	71.727%
244	HCA HOLDINGS INC COMMON STOCK USD.01	0.094%	71.821%
245	NASDAQ INC COMMON STOCK USD.01	0.094%	71.914%
246	LIBERTY BROADBAND C COMMON STOCK USD.01	0.093%	72.007%
247	LAM RESEARCH CORP COMMON STOCK USD.001	0.093%	72.100%
248	CONCHO RESOURCES INC COMMON STOCK USD.001	0.092%	72.192%
249	BORGWARNER INC COMMON STOCK USD.01	0.092%	72.285%
250	NOBLE ENERGY INC COMMON STOCK USD.01	0.092%	72.377%
251	AMERICAN AIRLINES GROUP INC COMMON STOCK	0.092%	72.469%
252	PAYCHEX INC COMMON STOCK USD.01	0.092%	72.561%
253	INCYTE CORP COMMON STOCK USD.001	0.092%	72.653%
254	ANALOG DEVICES INC COMMON STOCK USD.167	0.091%	72.744%
255	PACCAR INC COMMON STOCK USD1.0	0.091%	72.834%
256	LOEWS CORP COMMON STOCK USD.01	0.091%	72.925%
257	TARGA RESOURCES CORP COMMON STOCK USD.001	0.091%	73.016%
258	HUNTSMAN CORP COMMON STOCK USD.01	0.091%	73.107%
259	INTERNATIONAL PAPER CO COMMON STOCK USD1.0	0.091%	73.197%
260	PROGRESSIVE CORP COMMON STOCK USD1.0	0.091%	73.288%
261	PIONEER NATURAL RESOURCES CO COMMON STOCK USD.01	0.090%	73.378%
262	HENRY SCHEIN INC COMMON STOCK USD.01	0.090%	73.468%
263	CONSOLIDATED EDISON INC COMMON STOCK USD.1	0.090%	73.558%
264	ALASKA AIR GROUP INC COMMON STOCK USD.01	0.089%	73.647%
265	QUINTILES IMS HOLDINGS INC COMMON STOCK USD.01	0.089%	73.736%
266	PARKER HANNIFIN CORP COMMON STOCK USD.5	0.089%	73.825%
267	HESS CORP COMMON STOCK USD1.0	0.088%	73.913%
268	HUNTINGTON BANCSHARES INC COMMON STOCK USD.01	0.088%	74.001%
269	RAYMOND JAMES FINANCIAL INC COMMON STOCK USD.01	0.088%	74.089%
270	HARRIS CORP COMMON STOCK USD1.	0.087%	74.176%
271	CELANESE CORP SERIES A COMMON STOCK USD.0001	0.087%	74.263%
272	TD AMERITRADE HOLDING CORP COMMON STOCK USD.01	0.087%	74.350%
273	ALEXION PHARMACEUTICALS INC COMMON STOCK USD.0001	0.087%	74.436%
274	STEEL DYNAMICS INC COMMON STOCK USD.005	0.086%	74.523%
275	TYSON FOODS INC CL A COMMON STOCK USD.1	0.086%	74.609%
276	LENNAR CORP A COMMON STOCK USD.1	0.086%	74.694%
277	CORNING INC COMMON STOCK USD.5	0.085%	74.780%
278	AMETEK INC COMMON STOCK USD.01	0.085%	74.865%
279	XCEL ENERGY INC COMMON STOCK USD2.5	0.085%	74.950%
280	DR HORTON INC COMMON STOCK USD.01	0.085%	75.035%
281	GAP INC/THE COMMON STOCK USD.05	0.084%	75.120%
282	INTUITIVE SURGICAL INC COMMON STOCK USD.001	0.084%	75.204%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
283	SKYWORKS SOLUTIONS INC COMMON STOCK USD.25	0.084%	75.288%
284	FLEETCOR TECHNOLOGIES INC COMMON STOCK USD.001	0.084%	75.373%
285	ALLY FINANCIAL INC COMMON STOCK USD.1	0.084%	75.457%
286	CITRIX SYSTEMS INC COMMON STOCK USD.001	0.084%	75.541%
287	CARMAX INC COMMON STOCK USD.5	0.084%	75.625%
288	MARATHON OIL CORP COMMON STOCK USD1.0	0.084%	75.709%
289	AUTOLIV INC COMMON STOCK USD1.0	0.083%	75.792%
290	CARNIVAL CORP COMMON STOCK USD.01	0.083%	75.875%
291	AFFILIATED MANAGERS GROUP COMMON STOCK USD.01	0.083%	75.959%
292	PENTAIR PLC COMMON STOCK USD.01	0.083%	76.042%
293	JETBLUE AIRWAYS CORP COMMON STOCK USD.01	0.083%	76.125%
294	BUNGE LTD COMMON STOCK USD.01	0.082%	76.207%
295	MARRIOTT INTERNATIONAL CL A COMMON STOCK USD.01	0.082%	76.289%
296	MARKEL CORP COMMON STOCK	0.082%	76.371%
297	LKQ CORP COMMON STOCK USD.01	0.082%	76.453%
298	SYMANTEC CORP COMMON STOCK USD.01	0.082%	76.534%
299	AMERISOURCEBERGEN CORP COMMON STOCK USD.01	0.081%	76.616%
300	SYNOPSIS INC COMMON STOCK USD.01	0.081%	76.697%
301	PUBLIC SERVICE ENTERPRISE GP COMMON STOCK	0.081%	76.777%
302	KANSAS CITY SOUTHERN COMMON STOCK USD.01	0.081%	76.858%
303	COMERICA INC COMMON STOCK USD5.0	0.080%	76.938%
304	ILLUMINA INC COMMON STOCK USD.01	0.080%	77.019%
305	ZIMMER BIOMET HOLDINGS INC COMMON STOCK USD.01	0.080%	77.099%
306	DENTSPLY SIRONA INC COMMON STOCK USD.01	0.080%	77.178%
307	KOHL'S CORP COMMON STOCK USD.01	0.080%	77.258%
308	ARTHUR J GALLAGHER + CO COMMON STOCK USD1.0	0.080%	77.337%
309	TESLA INC COMMON STOCK USD.001	0.079%	77.417%
310	NORTHERN TRUST CORP COMMON STOCK USD1.667	0.079%	77.496%
311	UNUM GROUP COMMON STOCK USD.1	0.079%	77.575%
312	POST HOLDINGS INC COMMON STOCK USD.01	0.079%	77.654%
313	HORMEL FOODS CORP COMMON STOCK USD.01465	0.079%	77.732%
314	E TRADE FINANCIAL CORP COMMON STOCK USD.01	0.078%	77.811%
315	ROYAL CARIBBEAN CRUISES LTD COMMON STOCK USD.01	0.077%	77.887%
316	JABIL CIRCUIT INC COMMON STOCK USD.001	0.077%	77.964%
317	COTY INC CL A COMMON STOCK USD.01	0.077%	78.041%
318	WESTROCK CO COMMON STOCK	0.076%	78.118%
319	NUCOR CORP COMMON STOCK USD.4	0.076%	78.194%
320	FOOT LOCKER INC COMMON STOCK USD.01	0.076%	78.270%
321	DOVER CORP COMMON STOCK USD1.0	0.076%	78.346%
322	CINCINNATI FINANCIAL CORP COMMON STOCK USD2.0	0.076%	78.422%
323	CBRE GROUP INC A COMMON STOCK USD.01	0.076%	78.498%
324	MOLSON COORS BREWING CO B COMMON STOCK USD.01	0.076%	78.574%
325	L3 TECHNOLOGIES INC COMMON STOCK USD.01	0.075%	78.649%
326	ROPER TECHNOLOGIES INC COMMON STOCK USD.01	0.075%	78.724%
327	AMDOCS LTD COMMON STOCK GBP.0001	0.075%	78.799%
328	TIFFANY + CO COMMON STOCK USD.01	0.075%	78.873%
329	HERSHEY CO/THE COMMON STOCK USD1.0	0.074%	78.948%
330	ADVANCE AUTO PARTS INC COMMON STOCK USD.0001	0.074%	79.022%
331	REPUBLIC SERVICES INC COMMON STOCK USD.01	0.074%	79.095%
332	BOSTON SCIENTIFIC CORP COMMON STOCK USD.01	0.074%	79.169%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
333	SVB FINANCIAL GROUP COMMON STOCK USD.001	0.074%	79.243%
334	M + T BANK CORP COMMON STOCK USD.5	0.074%	79.316%
335	CLOROX COMPANY COMMON STOCK USD1.0	0.073%	79.390%
336	WILLIAMS COS INC COMMON STOCK USD1.0	0.073%	79.463%
337	GLOBAL PAYMENTS INC COMMON STOCK	0.073%	79.536%
338	FORTIVE CORP COMMON STOCK USD.01	0.073%	79.609%
339	AMERICAN FINANCIAL GROUP INC COMMON STOCK	0.072%	79.681%
340	ARAMARK COMMON STOCK USD.01	0.072%	79.753%
341	TEGNA INC COMMON STOCK USD1.0	0.072%	79.825%
342	KELLOGG CO COMMON STOCK USD.25	0.071%	79.897%
343	YUM BRANDS INC COMMON STOCK	0.071%	79.968%
344	XPO LOGISTICS INC COMMON STOCK USD.001	0.071%	80.039%
345	XL GROUP LTD COMMON STOCK	0.071%	80.110%
346	BALL CORP COMMON STOCK	0.071%	80.180%
347	TWENTY FIRST CENTURY FOX B COMMON STOCK USD.01	0.071%	80.251%
348	SLM CORP COMMON STOCK USD.2	0.070%	80.321%
349	NEWMONT MINING CORP COMMON STOCK USD1.6	0.070%	80.392%
350	NATIONAL OILWELL VARCO INC COMMON STOCK USD.01	0.070%	80.462%
351	ARCONIC INC COMMON STOCK	0.070%	80.532%
352	DR PEPPER SNAPPLE GROUP INC COMMON STOCK USD.01	0.070%	80.603%
353	OWENS CORNING COMMON STOCK USD.001	0.070%	80.673%
354	EDWARDS LIFESCIENCES CORP COMMON STOCK USD1.0	0.070%	80.743%
355	EXPEDIA INC COMMON STOCK USD.001	0.070%	80.813%
356	DISH NETWORK CORP A COMMON STOCK USD.01	0.070%	80.882%
357	AMPHENOL CORP CL A COMMON STOCK USD.001	0.070%	80.952%
358	WR BERKLEY CORP COMMON STOCK USD.2	0.069%	81.021%
359	NETAPP INC COMMON STOCK USD.001	0.069%	81.090%
360	ARCHER DANIELS MIDLAND CO COMMON STOCK	0.069%	81.159%
361	INGREDION INC COMMON STOCK USD.01	0.069%	81.228%
362	NIELSEN HOLDINGS PLC COMMON STOCK EUR.07	0.068%	81.296%
363	IDEXX LABORATORIES INC COMMON STOCK USD.1	0.068%	81.364%
364	DTE ENERGY COMPANY COMMON STOCK	0.068%	81.432%
365	TECHNIPFMC PLC COMMON STOCK USD1.0	0.068%	81.500%
366	APACHE CORP COMMON STOCK USD.625	0.068%	81.568%
367	UNITED THERAPEUTICS CORP COMMON STOCK USD.01	0.067%	81.635%
368	CINTAS CORP COMMON STOCK	0.067%	81.702%
369	GARMIN LTD COMMON STOCK CHF10.0	0.067%	81.769%
370	TORCHMARK CORP COMMON STOCK USD1.0	0.067%	81.836%
371	ARCH CAPITAL GROUP LTD COMMON STOCK USD.01	0.067%	81.902%
372	EVERSOURCE ENERGY COMMON STOCK USD5.0	0.066%	81.969%
373	MANPOWERGROUP INC COMMON STOCK USD.01	0.066%	82.035%
374	SNAP ON INC COMMON STOCK USD1.0	0.066%	82.101%
375	ESTEE LAUDER COMPANIES CL A COMMON STOCK USD.01	0.066%	82.166%
376	AKAMAI TECHNOLOGIES INC COMMON STOCK USD.01	0.066%	82.232%
377	NAVIENT CORP COMMON STOCK USD.01	0.065%	82.297%
378	LEVEL 3 COMMUNICATIONS INC COMMON STOCK USD.01	0.065%	82.362%
379	ULTA BEAUTY INC COMMON STOCK USD.01	0.065%	82.427%
380	GENTEX CORP COMMON STOCK USD.06	0.065%	82.491%
381	TWITTER INC COMMON STOCK USD.000005	0.064%	82.555%
382	XILINX INC COMMON STOCK USD.01	0.064%	82.619%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
383	VERISK ANALYTICS INC COMMON STOCK USD.001	0.063%	82.682%
384	PANERA BREAD COMPANY CLASS A COMMON STOCK USD.0001	0.063%	82.745%
385	FRANKLIN RESOURCES INC COMMON STOCK USD.1	0.062%	82.807%
386	ORBITAL ATK INC COMMON STOCK USD.01	0.062%	82.870%
387	MOODY S CORP COMMON STOCK USD.01	0.062%	82.931%
388	ASHLAND GLOBAL HOLDINGS INC COMMON STOCK	0.062%	82.993%
389	EAST WEST BANCORP INC COMMON STOCK USD.001	0.062%	83.055%
390	SIGNATURE BANK COMMON STOCK USD.01	0.061%	83.116%
391	VERTEX PHARMACEUTICALS INC COMMON STOCK USD.01	0.061%	83.177%
392	XEROX CORP COMMON STOCK USD1.0	0.061%	83.238%
393	LEUCADIA NATIONAL CORP COMMON STOCK USD1.0	0.061%	83.299%
394	DISCOVERY COMMUNICATIONS C COMMON STOCK USD.01	0.061%	83.360%
395	SONOCO PRODUCTS CO COMMON STOCK	0.061%	83.421%
396	CINEMARK HOLDINGS INC COMMON STOCK USD.001	0.061%	83.481%
397	GRACO INC COMMON STOCK USD1.0	0.061%	83.542%
398	HOLOGIC INC COMMON STOCK USD.01	0.060%	83.602%
399	BED BATH + BEYOND INC COMMON STOCK USD.01	0.059%	83.661%
400	ALLIANCE DATA SYSTEMS CORP COMMON STOCK USD.01	0.059%	83.720%
401	MCCORMICK + CO NON VTG SHRS COMMON STOCK	0.059%	83.779%
402	SERVICE CORP INTERNATIONAL COMMON STOCK USD1.0	0.059%	83.838%
403	TERADYNE INC COMMON STOCK USD.125	0.059%	83.896%
404	BAKER HUGHES INC COMMON STOCK USD1.0	0.058%	83.954%
405	ADVANCED MICRO DEVICES COMMON STOCK USD.01	0.058%	84.013%
406	GRAPHIC PACKAGING HOLDING CO COMMON STOCK USD.01	0.058%	84.071%
407	PVH CORP COMMON STOCK USD1.0	0.058%	84.129%
408	SENSATA TECHNOLOGIES HOLDING COMMON STOCK EUR.01	0.058%	84.187%
409	ANSYS INC COMMON STOCK USD.01	0.058%	84.244%
410	WEC ENERGY GROUP INC COMMON STOCK USD.01	0.057%	84.302%
411	CIT GROUP INC COMMON STOCK USD.01	0.057%	84.359%
412	CHEMOURS CO/THE COMMON STOCK	0.057%	84.416%
413	OLIN CORP COMMON STOCK USD1.0	0.057%	84.473%
414	HILTON WORLDWIDE HLDGS W/I COMMON STOCK USD.01	0.057%	84.529%
415	IDEX CORP COMMON STOCK USD.01	0.057%	84.586%
416	DEVON ENERGY CORP COMMON STOCK USD.1	0.056%	84.642%
417	SEAGATE TECHNOLOGY COMMON STOCK USD.00001	0.056%	84.698%
418	NEWELL BRANDS INC COMMON STOCK USD1.0	0.056%	84.754%
419	WESTERN ALLIANCE BANCORP COMMON STOCK USD.0001	0.056%	84.810%
420	SYNNEX CORP COMMON STOCK USD.001	0.056%	84.866%
421	THOR INDUSTRIES INC COMMON STOCK USD.1	0.056%	84.921%
422	FLUOR CORP COMMON STOCK USD.01	0.056%	84.977%
423	OSHKOSH CORP COMMON STOCK USD.01	0.055%	85.032%
424	AUTONATION INC COMMON STOCK USD.01	0.055%	85.088%
425	COACH INC COMMON STOCK USD.01	0.055%	85.143%
426	PULTEGROUP INC COMMON STOCK USD.01	0.055%	85.198%
427	SYNOVUS FINANCIAL CORP COMMON STOCK USD1.0	0.055%	85.253%
428	HARLEY DAVIDSON INC COMMON STOCK USD.01	0.055%	85.308%
429	ALLISON TRANSMISSION HOLDING COMMON STOCK USD.01	0.055%	85.363%
430	AGCO CORP COMMON STOCK USD.01	0.055%	85.417%
431	WESTERN UNION CO COMMON STOCK USD.01	0.055%	85.472%
432	EQUIFAX INC COMMON STOCK USD1.25	0.055%	85.527%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
433	SS+C TECHNOLOGIES HOLDINGS COMMON STOCK USD.01	0.055%	85.581%
434	ENVISION HEALTHCARE CORP COMMON STOCK	0.054%	85.636%
435	LIBERTY INTERACTIVE CORP Q A TRACKING STK USD.01	0.054%	85.690%
436	ALLEGHANY CORP COMMON STOCK USD1.0	0.054%	85.744%
437	VCA INC COMMON STOCK USD.001	0.054%	85.799%
438	EATON VANCE CORP COMMON STOCK USD.00390625	0.054%	85.853%
439	JONES LANG LASALLE INC COMMON STOCK USD.01	0.054%	85.907%
440	METTLER TOLEDO INTERNATIONAL COMMON STOCK USD.01	0.054%	85.962%
441	CERNER CORP COMMON STOCK USD.01	0.054%	86.016%
442	EVEREST RE GROUP LTD COMMON STOCK USD.01	0.054%	86.070%
443	FLIR SYSTEMS INC COMMON STOCK USD.01	0.054%	86.123%
444	SPIRIT AEROSYSTEMS HOLD CL A COMMON STOCK USD.01	0.054%	86.177%
445	MICROCHIP TECHNOLOGY INC COMMON STOCK USD.001	0.054%	86.230%
446	OLD DOMINION FREIGHT LINE COMMON STOCK USD.1	0.054%	86.284%
447	BANK OF THE OZARKS COMMON STOCK USD.01	0.053%	86.337%
448	MYLAN NV COMMON STOCK EUR.01	0.053%	86.390%
449	MONSTER BEVERAGE CORP COMMON STOCK	0.053%	86.443%
450	CAMPBELL SOUP CO COMMON STOCK USD.0375	0.053%	86.496%
451	SANTANDER CONSUMER USA HOLDI COMMON STOCK USD.01	0.053%	86.549%
452	STERICYCLE INC COMMON STOCK USD.01	0.053%	86.601%
453	ZIONS BANCORPORATION COMMON STOCK	0.053%	86.654%
454	UGI CORP COMMON STOCK	0.052%	86.706%
455	APTARGROUP INC COMMON STOCK USD.01	0.052%	86.759%
456	BROWN + BROWN INC COMMON STOCK USD.1	0.052%	86.811%
457	ASSURED GUARANTY LTD COMMON STOCK USD.01	0.052%	86.863%
458	REINSURANCE GROUP OF AMERICA COMMON STOCK USD.01	0.052%	86.915%
459	DELL TECHNOLOGIES INC CL V TRACKING STK	0.052%	86.967%
460	PACKAGING CORP OF AMERICA COMMON STOCK USD.01	0.052%	87.019%
461	FMC CORP COMMON STOCK USD.1	0.052%	87.070%
462	MACQUARIE INFRASTRUCTURE COR COMMON STOCK USD.001	0.052%	87.122%
463	NRG ENERGY INC COMMON STOCK USD.01	0.052%	87.174%
464	UNITED RENTALS INC COMMON STOCK USD.01	0.052%	87.225%
465	MOSAIC CO/THE COMMON STOCK USD.01	0.051%	87.277%
466	LEIDOS HOLDINGS INC COMMON STOCK USD.0001	0.051%	87.328%
467	HASBRO INC COMMON STOCK USD.5	0.051%	87.380%
468	MEAD JOHNSON NUTRITION CO COMMON STOCK USD.01	0.051%	87.431%
469	KLA TENCOR CORP COMMON STOCK USD.001	0.051%	87.482%
470	EXPEDITORS INTL WASH INC COMMON STOCK USD.01	0.051%	87.533%
471	ZEBRA TECHNOLOGIES CORP CL A COMMON STOCK USD.01	0.051%	87.584%
472	CARLISLE COS INC COMMON STOCK USD1.0	0.051%	87.635%
473	DARDEN RESTAURANTS INC COMMON STOCK	0.051%	87.686%
474	WELLCARE HEALTH PLANS INC COMMON STOCK USD.01	0.051%	87.737%
475	CHURCH + DWIGHT CO INC COMMON STOCK USD1.0	0.051%	87.787%
476	COOPER COS INC/THE COMMON STOCK USD.1	0.051%	87.838%
477	MARVELL TECHNOLOGY GROUP LTD COMMON STOCK USD.002	0.051%	87.889%
478	BEMIS COMPANY COMMON STOCK USD.1	0.051%	87.940%
479	ONEOK INC COMMON STOCK USD.01	0.051%	87.990%
480	RYDER SYSTEM INC COMMON STOCK USD.5	0.051%	88.041%
481	WILLIAMS SONOMA INC COMMON STOCK USD.01	0.050%	88.091%
482	CF INDUSTRIES HOLDINGS INC COMMON STOCK USD.01	0.050%	88.141%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
483	PENSKE AUTOMOTIVE GROUP INC COMMON STOCK USD.0001	0.050%	88.192%
484	INTERPUBLIC GROUP OF COS INC COMMON STOCK USD.1	0.050%	88.242%
485	AECOM COMMON STOCK USD.01	0.050%	88.292%
486	MOTOROLA SOLUTIONS INC COMMON STOCK USD.01	0.050%	88.342%
487	QORVO INC COMMON STOCK USD.0001	0.050%	88.392%
488	DIAMONDBACK ENERGY INC COMMON STOCK USD.01	0.050%	88.443%
489	LIVE NATION ENTERTAINMENT IN COMMON STOCK USD.01	0.050%	88.493%
490	WABTEC CORP COMMON STOCK USD.01	0.050%	88.542%
491	AUTOZONE INC COMMON STOCK USD.01	0.050%	88.592%
492	WW GRAINGER INC COMMON STOCK USD.5	0.050%	88.642%
493	VF CORP COMMON STOCK	0.050%	88.692%
494	BOOZ ALLEN HAMILTON HOLDINGS COMMON STOCK USD.01	0.050%	88.741%
495	FNF GROUP TRACKING STK USD.0001	0.049%	88.791%
496	TRINITY INDUSTRIES INC COMMON STOCK USD.01	0.049%	88.840%
497	LINCOLN ELECTRIC HOLDINGS COMMON STOCK	0.049%	88.889%
498	VOYA FINANCIAL INC COMMON STOCK USD.01	0.049%	88.938%
499	PATTERSON COS INC COMMON STOCK USD.01	0.049%	88.987%
500	C.H. ROBINSON WORLDWIDE INC COMMON STOCK USD.1	0.049%	89.036%
501	DICK S SPORTING GOODS INC COMMON STOCK USD.01	0.049%	89.085%
502	ARROW ELECTRONICS INC COMMON STOCK USD1.0	0.049%	89.134%
503	BRUNSWICK CORP COMMON STOCK USD.75	0.049%	89.182%
504	CULLEN/FROST BANKERS INC COMMON STOCK USD.01	0.049%	89.231%
505	TOTAL SYSTEM SERVICES INC COMMON STOCK USD.1	0.048%	89.279%
506	USG CORP COMMON STOCK USD.1	0.048%	89.328%
507	HEXCEL CORP COMMON STOCK USD.01	0.048%	89.376%
508	FIRST AMERICAN FINANCIAL COMMON STOCK USD.00001	0.048%	89.424%
509	BROADRIDGE FINANCIAL SOLUTIO COMMON STOCK USD.01	0.048%	89.472%
510	EAGLE MATERIALS INC COMMON STOCK USD.01	0.048%	89.520%
511	XYLEM INC COMMON STOCK	0.048%	89.569%
512	TELEFLEX INC COMMON STOCK USD1.0	0.048%	89.616%
513	BIO RAD LABORATORIES A COMMON STOCK USD.0001	0.048%	89.664%
514	KAR AUCTION SERVICES INC COMMON STOCK USD.01	0.048%	89.712%
515	NEWMARKET CORP COMMON STOCK	0.048%	89.760%
516	HUBBELL INC COMMON STOCK USD.01	0.048%	89.807%
517	AMEREN CORPORATION COMMON STOCK USD.01	0.048%	89.855%
518	PACWEST BANCORP COMMON STOCK	0.047%	89.903%
519	SPRINT CORP COMMON STOCK USD.01	0.047%	89.950%
520	SIGNET JEWELERS LTD COMMON STOCK USD.18	0.047%	89.997%
521	TRIMBLE INC COMMON STOCK	0.047%	90.045%
522	PERKINELMER INC COMMON STOCK USD1.0	0.047%	90.092%
523	FASTENAL CO COMMON STOCK USD.01	0.047%	90.139%
524	CORE LABORATORIES N.V. COMMON STOCK EUR.02	0.047%	90.186%
525	CMS ENERGY CORP COMMON STOCK USD.01	0.047%	90.232%
526	BROWN FORMAN CORP CLASS B COMMON STOCK USD.15	0.047%	90.279%
527	CIMAREX ENERGY CO COMMON STOCK USD.01	0.046%	90.325%
528	POLARIS INDUSTRIES INC COMMON STOCK USD.01	0.046%	90.372%
529	TRANSDIGM GROUP INC COMMON STOCK USD.01	0.046%	90.418%
530	TELEDYNE TECHNOLOGIES INC COMMON STOCK USD.01	0.046%	90.464%
531	ENTERGY CORP COMMON STOCK USD.01	0.046%	90.510%
532	WATERS CORP COMMON STOCK USD.01	0.046%	90.556%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
533	RENAISSANCERE HOLDINGS LTD COMMON STOCK USD1.0	0.046%	90.602%
534	MEDNAX INC COMMON STOCK USD.01	0.046%	90.648%
535	AUTODESK INC COMMON STOCK USD.01	0.046%	90.694%
536	GENPACT LTD COMMON STOCK USD.01	0.046%	90.740%
537	COMMERCE BANCSHARES INC COMMON STOCK USD5.0	0.046%	90.785%
538	RELIANCE STEEL + ALUMINUM COMMON STOCK	0.045%	90.831%
539	ZAYO GROUP HOLDINGS INC COMMON STOCK USD.001	0.045%	90.876%
540	LIBERTY MEDIA COR SIRIUSXM C TRACKING STK	0.045%	90.921%
541	VANTIV INC CL A COMMON STOCK USD.00001	0.045%	90.967%
542	OLD REPUBLIC INTL CORP COMMON STOCK USD1.0	0.045%	91.012%
543	MAXIM INTEGRATED PRODUCTS COMMON STOCK USD.001	0.045%	91.057%
544	ASSURANT INC COMMON STOCK USD.01	0.045%	91.102%
545	CHIPOTLE MEXICAN GRILL INC COMMON STOCK USD.01	0.045%	91.147%
546	AMERCO COMMON STOCK USD.25	0.045%	91.192%
547	AXALTA COATING SYSTEMS LTD COMMON STOCK USD1.0	0.045%	91.236%
548	FIRST HORIZON NATIONAL CORP COMMON STOCK USD.625	0.045%	91.281%
549	WYNDHAM WORLDWIDE CORP COMMON STOCK USD.01	0.045%	91.326%
550	CASEY S GENERAL STORES INC COMMON STOCK NPV	0.044%	91.370%
551	HELMERICH + PAYNE COMMON STOCK USD.1	0.044%	91.414%
552	CENTERPOINT ENERGY INC COMMON STOCK USD.01	0.044%	91.459%
553	CSRA INC COMMON STOCK USD.001	0.044%	91.503%
554	HUNTINGTON INGALLS INDUSTRIE COMMON STOCK USD.01	0.044%	91.547%
555	VARIAN MEDICAL SYSTEMS INC COMMON STOCK USD1.0	0.044%	91.591%
556	MICROSEMI CORP COMMON STOCK USD.2	0.044%	91.635%
557	STERIS PLC COMMON STOCK	0.044%	91.679%
558	HUNT (JB) TRANSPRT SVCS INC COMMON STOCK USD.01	0.043%	91.722%
559	IPG PHOTONICS CORP COMMON STOCK USD.0001	0.043%	91.765%
560	NUANCE COMMUNICATIONS INC COMMON STOCK USD.001	0.043%	91.809%
561	SBA COMMUNICATIONS CORP REIT USD.01	0.043%	91.852%
562	NCR CORPORATION COMMON STOCK USD.01	0.043%	91.895%
563	POOL CORP COMMON STOCK USD.001	0.043%	91.938%
564	JAZZ PHARMACEUTICALS PLC COMMON STOCK USD.0001	0.043%	91.980%
565	COLFAX CORP COMMON STOCK USD.001	0.043%	92.023%
566	EMCOR GROUP INC COMMON STOCK USD.01	0.042%	92.066%
567	KEYSIGHT TECHNOLOGIES IN COMMON STOCK	0.042%	92.108%
568	MICHAEL KORS HOLDINGS LTD COMMON STOCK	0.042%	92.150%
569	F5 NETWORKS INC COMMON STOCK	0.042%	92.192%
570	GENESEE + WYOMING INC CL A COMMON STOCK USD.01	0.042%	92.235%
571	SERVICEMASTER GLOBAL HOLDING COMMON STOCK USD.01	0.042%	92.277%
572	NEW YORK COMMUNITY BANCORP COMMON STOCK USD.01	0.042%	92.319%
573	CDK GLOBAL INC COMMON STOCK USD.01	0.042%	92.360%
574	FORTUNE BRANDS HOME + SECURI COMMON STOCK USD.01	0.042%	92.402%
575	CDW CORP/DE COMMON STOCK USD.01	0.041%	92.443%
576	COMMSCOPE HOLDING CO INC COMMON STOCK USD.01	0.041%	92.485%
577	AMERICAN WATER WORKS CO INC COMMON STOCK USD.01	0.041%	92.526%
578	COGNEX CORP COMMON STOCK USD.002	0.041%	92.567%
579	BLUE BUFFALO PET PRODUCTS IN COMMON STOCK USD.01	0.041%	92.608%
580	DISCOVERY COMMUNICATIONS A COMMON STOCK USD.01	0.041%	92.649%
581	EDGEWELL PERSONAL CARE CO COMMON STOCK USD.01	0.041%	92.689%
582	COHERENT INC COMMON STOCK USD.01	0.041%	92.730%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
583	NVR INC COMMON STOCK USD.01	0.041%	92.771%
584	HOLLYFRONTIER CORP COMMON STOCK USD.01	0.041%	92.812%
585	PEOPLE S UNITED FINANCIAL COMMON STOCK USD.01	0.041%	92.852%
586	SEALED AIR CORP COMMON STOCK USD.1	0.041%	92.893%
587	RED HAT INC COMMON STOCK USD.0001	0.040%	92.933%
588	BWX TECHNOLOGIES INC COMMON STOCK USD.01	0.040%	92.973%
589	WPX ENERGY INC COMMON STOCK	0.040%	93.013%
590	TRANSUNION COMMON STOCK USD.01	0.040%	93.053%
591	STAPLES INC COMMON STOCK USD.0006	0.040%	93.093%
592	INTL FLAVORS + FRAGRANCES COMMON STOCK USD.125	0.040%	93.132%
593	CRANE CO COMMON STOCK USD1.0	0.040%	93.172%
594	WEBSTER FINANCIAL CORP COMMON STOCK USD.01	0.039%	93.211%
595	AVNET INC COMMON STOCK USD1.0	0.039%	93.251%
596	SCRIPPS NETWORKS INTER CL A COMMON STOCK USD.01	0.039%	93.290%
597	VALIDUS HOLDINGS LTD COMMON STOCK USD.175	0.039%	93.330%
598	MSCI INC COMMON STOCK USD.01	0.039%	93.369%
599	PROSPERITY BANCSHARES INC COMMON STOCK USD1.0	0.039%	93.408%
600	HD SUPPLY HOLDINGS INC COMMON STOCK USD.01	0.039%	93.447%
601	IAC/INTERACTIVECORP COMMON STOCK USD.001	0.039%	93.486%
602	ARRIS INTERNATIONAL PLC COMMON STOCK GBP.0001	0.039%	93.524%
603	AVERY DENNISON CORP COMMON STOCK USD1.0	0.039%	93.563%
604	CURTISS WRIGHT CORP COMMON STOCK USD1.0	0.039%	93.602%
605	ADIENT PLC COMMON STOCK USD.001	0.039%	93.641%
606	JACOBS ENGINEERING GROUP INC COMMON STOCK USD1.0	0.039%	93.679%
607	CROWN HOLDINGS INC COMMON STOCK USD5.0	0.038%	93.717%
608	RSP PERMIAN INC COMMON STOCK USD.01	0.038%	93.755%
609	FLOWSERVE CORP COMMON STOCK USD1.25	0.038%	93.794%
610	TOLL BROTHERS INC COMMON STOCK USD.01	0.038%	93.831%
611	CADENCE DESIGN SYS INC COMMON STOCK USD.01	0.038%	93.869%
612	CABOT OIL + GAS CORP COMMON STOCK USD.1	0.038%	93.907%
613	CALPINE CORP COMMON STOCK USD.001	0.038%	93.944%
614	PINNACLE FOODS INC COMMON STOCK USD.01	0.038%	93.982%
615	MASIMO CORP COMMON STOCK USD.001	0.038%	94.019%
616	ON SEMICONDUCTOR CORP COMMON STOCK USD.01	0.037%	94.057%
617	SPECTRUM BRANDS HOLDINGS INC COMMON STOCK USD.01	0.037%	94.094%
618	RANGE RESOURCES CORP COMMON STOCK USD.01	0.037%	94.131%
619	MATTEL INC COMMON STOCK USD1.0	0.037%	94.168%
620	MASCO CORP COMMON STOCK USD1.0	0.037%	94.205%
621	MSC INDUSTRIAL DIRECT CO A COMMON STOCK USD.001	0.037%	94.242%
622	ROBERT HALF INTL INC COMMON STOCK USD.001	0.037%	94.279%
623	FIRSTENERGY CORP COMMON STOCK USD.1	0.037%	94.316%
624	CBOE HOLDINGS INC COMMON STOCK	0.037%	94.353%
625	WEATHERFORD INTERNATIONAL PL COMMON STOCK USD.001	0.037%	94.390%
626	MURPHY OIL CORP COMMON STOCK USD1.0	0.037%	94.427%
627	LOGMEIN INC COMMON STOCK USD.01	0.037%	94.464%
628	WEX INC COMMON STOCK USD.01	0.037%	94.500%
629	MDU RESOURCES GROUP INC COMMON STOCK USD1.0	0.037%	94.537%
630	AVIS BUDGET GROUP INC COMMON STOCK USD.01	0.036%	94.573%
631	SEI INVESTMENTS COMPANY COMMON STOCK USD.01	0.036%	94.609%
632	TREEHOUSE FOODS INC COMMON STOCK USD.01	0.036%	94.646%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
633	VALSPAR CORP/THE COMMON STOCK USD.5	0.036%	94.682%
634	L BRANDS INC COMMON STOCK USD.5	0.036%	94.718%
635	WYNN RESORTS LTD COMMON STOCK USD.01	0.036%	94.754%
636	POPULAR INC COMMON STOCK USD.01	0.036%	94.790%
637	WESTERN REFINING INC COMMON STOCK USD.01	0.036%	94.826%
638	NISOURCE INC COMMON STOCK USD.01	0.036%	94.862%
639	MALLINCKRODT PLC COMMON STOCK USD.2	0.036%	94.898%
640	KIRBY CORP COMMON STOCK USD.1	0.036%	94.933%
641	HOWARD HUGHES CORP/THE COMMON STOCK	0.036%	94.969%
642	VISTEON CORP COMMON STOCK	0.036%	95.005%
643	AMTRUST FINANCIAL SERVICES COMMON STOCK USD.01	0.036%	95.040%
644	INVESTORS BANCORP INC COMMON STOCK USD.01	0.036%	95.076%
645	WESTLAKE CHEMICAL CORP COMMON STOCK USD.01	0.035%	95.111%
646	SCOTTS MIRACLE GRO CO COMMON STOCK USD.01	0.035%	95.146%
647	BIOVERATIV INC COMMON STOCK USD.001	0.035%	95.181%
648	ARISTA NETWORKS INC COMMON STOCK USD.0001	0.035%	95.217%
649	VERISIGN INC COMMON STOCK USD.001	0.035%	95.251%
650	REALOGY HOLDINGS CORP COMMON STOCK USD.01	0.035%	95.286%
651	ROYAL GOLD INC COMMON STOCK USD.01	0.035%	95.321%
652	NORDSTROM INC COMMON STOCK	0.035%	95.356%
653	CARTER S INC COMMON STOCK USD.01	0.035%	95.391%
654	TAKE TWO INTERACTIVE SOFTWARE COMMON STOCK USD.01	0.035%	95.425%
655	DOLBY LABORATORIES INC CL A COMMON STOCK USD.001	0.034%	95.460%
656	RICE ENERGY INC COMMON STOCK USD.01	0.034%	95.494%
657	SMITH (A.O.) CORP COMMON STOCK USD1.0	0.034%	95.529%
658	ALIGN TECHNOLOGY INC COMMON STOCK USD.0001	0.034%	95.563%
659	ENERGEN CORP COMMON STOCK USD.01	0.034%	95.597%
660	SPIRIT AIRLINES INC COMMON STOCK USD.0001	0.034%	95.631%
661	MIDDLEBY CORP COMMON STOCK USD.01	0.034%	95.665%
662	AXIS CAPITAL HOLDINGS LTD COMMON STOCK USD.0125	0.034%	95.699%
663	H+R BLOCK INC COMMON STOCK	0.034%	95.733%
664	BROCADE COMMUNICATIONS SYS COMMON STOCK USD.001	0.034%	95.766%
665	WR GRACE + CO COMMON STOCK USD.01	0.034%	95.800%
666	ALLIANT ENERGY CORP COMMON STOCK USD.01	0.034%	95.834%
667	SCANA CORP COMMON STOCK	0.033%	95.867%
668	RALPH LAUREN CORP COMMON STOCK USD.01	0.033%	95.900%
669	GARTNER INC COMMON STOCK USD.0005	0.033%	95.933%
670	VAIL RESORTS INC COMMON STOCK USD.01	0.033%	95.966%
671	NATIONAL FUEL GAS CO COMMON STOCK USD1.0	0.033%	95.999%
672	WOODWARD INC COMMON STOCK USD.00292	0.033%	96.032%
673	NORDSON CORP COMMON STOCK	0.033%	96.065%
674	RPM INTERNATIONAL INC COMMON STOCK USD.01	0.033%	96.097%
675	VECTREN CORP COMMON STOCK	0.032%	96.130%
676	PINNACLE WEST CAPITAL COMMON STOCK	0.032%	96.162%
677	QUANTA SERVICES INC COMMON STOCK USD.00001	0.032%	96.194%
678	LENNOX INTERNATIONAL INC COMMON STOCK USD.01	0.032%	96.227%
679	TRANSOCEAN LTD COMMON STOCK CHF.1	0.032%	96.259%
680	WATSCO INC COMMON STOCK USD.5	0.032%	96.291%
681	PARSLEY ENERGY INC CLASS A COMMON STOCK USD.01	0.032%	96.323%
682	DUNKIN BRANDS GROUP INC COMMON STOCK USD.001	0.032%	96.355%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
683	TORO CO COMMON STOCK USD1.0	0.032%	96.387%
684	INTERNATIONAL GAME TECHNOLOG COMMON STOCK USD.1	0.032%	96.419%
685	RESMED INC COMMON STOCK USD.004	0.032%	96.451%
686	ATMOS ENERGY CORP COMMON STOCK	0.032%	96.483%
687	HAIN CELESTIAL GROUP INC COMMON STOCK USD.01	0.032%	96.514%
688	CONSOL ENERGY INC COMMON STOCK USD.01	0.032%	96.546%
689	FACTSET RESEARCH SYSTEMS INC COMMON STOCK USD.01	0.031%	96.577%
690	LPL FINANCIAL HOLDINGS INC COMMON STOCK	0.031%	96.608%
691	COPART INC COMMON STOCK	0.031%	96.639%
692	ERIE INDEMNITY COMPANY CL A COMMON STOCK	0.031%	96.670%
693	PATTERSON UTI ENERGY INC COMMON STOCK USD.01	0.031%	96.701%
694	CHENIERE ENERGY INC COMMON STOCK USD.003	0.031%	96.732%
695	DOMINO S PIZZA INC COMMON STOCK USD.01	0.031%	96.763%
696	COPA HOLDINGS SA CLASS A COMMON STOCK	0.030%	96.793%
697	FNB CORP COMMON STOCK USD.01	0.030%	96.824%
698	CREDIT ACCEPTANCE CORP COMMON STOCK USD.01	0.030%	96.854%
699	CYPRESS SEMICONDUCTOR CORP COMMON STOCK USD.01	0.030%	96.884%
700	LEGGETT + PLATT INC COMMON STOCK USD.01	0.030%	96.914%
701	FLOWERS FOODS INC COMMON STOCK USD.01	0.030%	96.944%
702	JACK HENRY + ASSOCIATES INC COMMON STOCK USD.01	0.030%	96.974%
703	ZILLOW GROUP INC C COMMON STOCK	0.030%	97.004%
704	CALATLANTIC GROUP INC COMMON STOCK USD.01	0.030%	97.034%
705	EQT CORP COMMON STOCK	0.030%	97.064%
706	BIOMARIN PHARMACEUTICAL INC COMMON STOCK USD.001	0.029%	97.093%
707	LIBERTY VENTURES SER A TRACKING STK USD.01	0.029%	97.122%
708	MADISON SQUARE GARDEN CO A COMMON STOCK USD.01	0.029%	97.151%
709	BERRY GLOBAL GROUP INC COMMON STOCK USD.01	0.029%	97.180%
710	BOK FINANCIAL CORPORATION COMMON STOCK USD.00006	0.029%	97.208%
711	MARKETAXESS HOLDINGS INC COMMON STOCK USD.003	0.029%	97.237%
712	ALLEGION PLC COMMON STOCK USD.01	0.029%	97.266%
713	ECHOSTAR CORP A COMMON STOCK USD.001	0.029%	97.295%
714	ROLLINS INC COMMON STOCK USD1.0	0.028%	97.323%
715	NEWS CORP CLASS A COMMON STOCK USD.01	0.028%	97.351%
716	COSTAR GROUP INC COMMON STOCK USD.01	0.028%	97.380%
717	ANTERO RESOURCES CORP COMMON STOCK USD.01	0.028%	97.408%
718	EXELIXIS INC COMMON STOCK USD.001	0.028%	97.436%
719	SIRIUS XM HOLDINGS INC COMMON STOCK USD.001	0.028%	97.464%
720	HEICO CORP CLASS A COMMON STOCK USD.01	0.027%	97.491%
721	SIX FLAGS ENTERTAINMENT CORP COMMON STOCK	0.027%	97.518%
722	WABCO HOLDINGS INC COMMON STOCK USD.01	0.027%	97.545%
723	ALCOA CORP COMMON STOCK USD.01	0.027%	97.572%
724	CAVIUM INC COMMON STOCK USD.001	0.027%	97.598%
725	ATHENAHEALTH INC COMMON STOCK USD.01	0.027%	97.625%
726	COLUMBIA SPORTSWEAR CO COMMON STOCK	0.027%	97.652%
727	UNITED STATES STEEL CORP COMMON STOCK USD1.0	0.027%	97.679%
728	HEALTHSOUTH CORP COMMON STOCK USD.01	0.027%	97.705%
729	ABIOMED INC COMMON STOCK USD.01	0.027%	97.732%
730	EURONET WORLDWIDE INC COMMON STOCK USD.02	0.026%	97.758%
731	DST SYSTEMS INC COMMON STOCK USD.01	0.026%	97.785%
732	WESTAR ENERGY INC COMMON STOCK USD5.0	0.026%	97.811%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
733	AES CORP COMMON STOCK USD.01	0.026%	97.837%
734	TRACTOR SUPPLY COMPANY COMMON STOCK USD.008	0.026%	97.863%
735	MAXIMUS INC COMMON STOCK	0.026%	97.889%
736	DUN + BRADSTREET CORP COMMON STOCK USD.01	0.026%	97.915%
737	ACUITY BRANDS INC COMMON STOCK USD.01	0.026%	97.941%
738	WEST PHARMACEUTICAL SERVICES COMMON STOCK USD.25	0.026%	97.967%
739	BRUKER CORP COMMON STOCK USD.01	0.026%	97.993%
740	HANESBRANDS INC COMMON STOCK USD.01	0.026%	98.018%
741	SKECHERS USA INC CL A COMMON STOCK USD.001	0.026%	98.044%
742	CONTINENTAL RESOURCES INC/OK COMMON STOCK USD.01	0.025%	98.069%
743	URBAN OUTFITTERS INC COMMON STOCK USD.0001	0.025%	98.095%
744	IONIS PHARMACEUTICALS INC COMMON STOCK USD.001	0.025%	98.120%
745	TARO PHARMACEUTICAL INDUS COMMON STOCK ILS.0001	0.025%	98.145%
746	TESARO INC COMMON STOCK USD.0001	0.025%	98.170%
747	SERVICENOW INC COMMON STOCK USD.001	0.025%	98.195%
748	DONALDSON CO INC COMMON STOCK USD5.0	0.025%	98.219%
749	ALKERMES PLC COMMON STOCK USD.01	0.025%	98.244%
750	GREAT PLAINS ENERGY INC COMMON STOCK	0.024%	98.268%
751	WHITE MOUNTAINS INSURANCE GP COMMON STOCK USD1.0	0.024%	98.293%
752	UBIQUITI NETWORKS INC COMMON STOCK USD.001	0.024%	98.317%
753	OGE ENERGY CORP COMMON STOCK USD.01	0.024%	98.341%
754	NABORS INDUSTRIES LTD COMMON STOCK USD.001	0.024%	98.365%
755	BURLINGTON STORES INC COMMON STOCK USD.0001	0.024%	98.389%
756	QEP RESOURCES INC COMMON STOCK USD.01	0.023%	98.412%
757	AMC ENTERTAINMENT HLDS CL A COMMON STOCK USD.01	0.023%	98.435%
758	FIRST SOLAR INC COMMON STOCK USD.001	0.023%	98.458%
759	MANHATTAN ASSOCIATES INC COMMON STOCK USD.01	0.022%	98.480%
760	TYLER TECHNOLOGIES INC COMMON STOCK USD.01	0.022%	98.502%
761	AMC NETWORKS INC A COMMON STOCK	0.022%	98.525%
762	ASPEN TECHNOLOGY INC COMMON STOCK USD.1	0.022%	98.547%
763	LAMB WESTON HOLDINGS INC COMMON STOCK USD1.0	0.022%	98.569%
764	OPKO HEALTH INC COMMON STOCK USD.01	0.022%	98.591%
765	SABRE CORP COMMON STOCK USD.01	0.022%	98.612%
766	AQUA AMERICA INC COMMON STOCK USD.5	0.022%	98.634%
767	SPROUTS FARMERS MARKET INC COMMON STOCK USD.001	0.022%	98.656%
768	HILL ROM HOLDINGS INC COMMON STOCK	0.021%	98.677%
769	PILGRIM S PRIDE CORP COMMON STOCK USD.01	0.021%	98.698%
770	MICHAELS COS INC/THE COMMON STOCK USD.06775	0.021%	98.719%
771	LULULEMON ATHLETICA INC COMMON STOCK USD.005	0.021%	98.739%
772	HEICO CORP COMMON STOCK USD.01	0.021%	98.760%
773	SEATTLE GENETICS INC COMMON STOCK USD.001	0.020%	98.780%
774	ACADIA HEALTHCARE CO INC COMMON STOCK USD.01	0.020%	98.800%
775	SOUTHWESTERN ENERGY CO COMMON STOCK USD.01	0.020%	98.820%
776	LIBERTY MEDIA COR SIRIUSXM A TRACKING STK	0.020%	98.840%
777	TEMPUR SEALY INTERNATIONAL I COMMON STOCK USD.01	0.020%	98.859%
778	HERBALIFE LTD COMMON STOCK USD.002	0.019%	98.878%
779	VMWARE INC CLASS A COMMON STOCK USD.01	0.019%	98.897%
780	WORKDAY INC CLASS A COMMON STOCK USD.001	0.018%	98.915%
781	MOLINA HEALTHCARE INC COMMON STOCK USD.001	0.018%	98.933%
782	US SILICA HOLDINGS INC COMMON STOCK USD.01	0.018%	98.951%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
783	CONDUENT INC COMMON STOCK USD.01	0.018%	98.968%
784	PERRIGO CO PLC COMMON STOCK EUR.001	0.018%	98.986%
785	BRIGHT HORIZONS FAMILY SOLUT COMMON STOCK USD.001	0.018%	99.004%
786	VEEVA SYSTEMS INC CLASS A COMMON STOCK USD.00001	0.017%	99.021%
787	GUIDEWIRE SOFTWARE INC COMMON STOCK USD.0001	0.017%	99.039%
788	FIRST CITIZENS BCSHS CL A COMMON STOCK USD1.0	0.017%	99.056%
789	LIBERTY EXPEDIA HOLD A COMMON STOCK	0.017%	99.073%
790	CABLE ONE INC COMMON STOCK USD.01	0.017%	99.090%
791	TFS FINANCIAL CORP COMMON STOCK USD.01	0.017%	99.108%
792	PITNEY BOWES INC COMMON STOCK USD1.0	0.017%	99.124%
793	NATIONAL INSTRUMENTS CORP COMMON STOCK USD.01	0.016%	99.141%
794	NEUROCRINE BIOSCIENCES INC COMMON STOCK USD.001	0.016%	99.157%
795	LIBERTY BROADBAND A COMMON STOCK USD.01	0.016%	99.173%
796	PALO ALTO NETWORKS INC COMMON STOCK USD.0001	0.016%	99.189%
797	CHESAPEAKE ENERGY CORP COMMON STOCK USD.01	0.016%	99.205%
798	PREMIER INC CLASS A COMMON STOCK USD.01	0.016%	99.221%
799	HYATT HOTELS CORP CL A COMMON STOCK USD.01	0.016%	99.236%
800	PDC ENERGY INC COMMON STOCK USD.01	0.016%	99.252%
801	FIRST DATA CORP CLASS A COMMON STOCK USD.01	0.015%	99.268%
802	SPLUNK INC COMMON STOCK USD.001	0.015%	99.283%
803	GRAHAM HOLDINGS CO CLASS B COMMON STOCK USD1.0	0.015%	99.298%
804	BIO TECHNE CORP COMMON STOCK USD.01	0.015%	99.313%
805	NEWS CORP CLASS B COMMON STOCK	0.015%	99.328%
806	ZILLOW GROUP INC A COMMON STOCK USD.0001	0.015%	99.343%
807	NEWFIELD EXPLORATION CO COMMON STOCK USD.01	0.015%	99.357%
808	BROWN FORMAN CORP CLASS A COMMON STOCK USD.15	0.015%	99.372%
809	CABELA S INC COMMON STOCK USD.01	0.014%	99.386%
810	AIR LEASE CORP COMMON STOCK USD.01	0.014%	99.400%
811	SALLY BEAUTY HOLDINGS INC COMMON STOCK USD.01	0.014%	99.415%
812	RPC INC COMMON STOCK USD.1	0.014%	99.429%
813	LIONS GATE ENTERTAINMENT A COMMON STOCK NPV	0.014%	99.443%
814	CHENIERE ENERGY PART LP HOLD COMMON STOCK	0.014%	99.456%
815	PTC INC COMMON STOCK USD.01	0.014%	99.470%
816	SWIFT TRANSPORTATION CO COMMON STOCK USD.001	0.014%	99.484%
817	AKORN INC COMMON STOCK	0.014%	99.497%
818	ULTIMATE SOFTWARE GROUP INC COMMON STOCK USD.01	0.014%	99.511%
819	FORTINET INC COMMON STOCK USD.001	0.013%	99.524%
820	RITE AID CORP COMMON STOCK USD1.0	0.013%	99.537%
821	CHICAGO BRIDGE + IRON CO NV COMMON STOCK EUR.01	0.013%	99.549%
822	GODADDY INC CLASS A COMMON STOCK USD.001	0.012%	99.562%
823	OFFICE DEPOT INC COMMON STOCK USD.01	0.012%	99.574%
824	VERSUM MATERIALS INC COMMON STOCK USD1.0	0.012%	99.587%
825	OWENS ILLINOIS INC COMMON STOCK USD.01	0.012%	99.599%
826	TRIPADVISOR INC COMMON STOCK USD.001	0.012%	99.612%
827	FRONTIER COMMUNICATIONS CORP COMMON STOCK USD.25	0.012%	99.624%
828	LIONS GATE ENTERTAINMENT B COMMON STOCK	0.012%	99.636%
829	LAZARD LTD CL A COMMON STOCK USD.01	0.012%	99.648%
830	EPAM SYSTEMS INC COMMON STOCK USD.001	0.011%	99.659%
831	DEXCOM INC COMMON STOCK USD.001	0.011%	99.670%
832	UNDER ARMOUR INC CLASS A COMMON STOCK USD.000333	0.011%	99.681%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
833	ITT INC COMMON STOCK USD1.0	0.011%	99.691%
834	LIBERTY MEDIA CORP LIBERTY C TRACKING STK USD.01	0.010%	99.702%
835	SOUTHERN COPPER CORP COMMON STOCK USD.01	0.010%	99.712%
836	UNDER ARMOUR INC CLASS C COMMON STOCK USD.000333	0.010%	99.722%
837	ALNYLAM PHARMACEUTICALS INC COMMON STOCK USD.01	0.009%	99.731%
838	INGEVITY CORP COMMON STOCK USD.01	0.009%	99.740%
839	AVANGRID INC COMMON STOCK USD.01	0.009%	99.749%
840	TEREX CORP COMMON STOCK USD.01	0.009%	99.758%
841	ENDO INTERNATIONAL PLC COMMON STOCK USD.0001	0.009%	99.767%
842	ENERGIZER HOLDINGS INC COMMON STOCK	0.008%	99.775%
843	PLATFORM SPECIALTY PRODUCTS COMMON STOCK USD.01	0.008%	99.783%
844	ALERE INC COMMON STOCK USD.001	0.008%	99.791%
845	BLACK KNIGHT FINANCIAL CL A COMMON STOCK USD.0001	0.007%	99.799%
846	UNIVAR INC COMMON STOCK USD.01	0.007%	99.806%
847	ENLINK MIDSTREAM LLC COMMON STOCK USD.01	0.007%	99.813%
848	ALLIED WORLD ASSURANCE CO COMMON STOCK USD4.1	0.007%	99.821%
849	HILTON GRAND VACATIONS INC COMMON STOCK USD.01	0.007%	99.827%
850	OCEANEERING INTL INC COMMON STOCK USD.25	0.007%	99.834%
851	COLONY NORTHSTAR INC CLASS A REIT USD.01	0.007%	99.841%
852	CLEAN HARBORS INC COMMON STOCK USD.01	0.007%	99.848%
853	CNA FINANCIAL CORP COMMON STOCK USD2.5	0.006%	99.854%
854	DANA INC COMMON STOCK USD.01	0.006%	99.860%
855	TENNECO INC COMMON STOCK USD.01	0.006%	99.867%
856	VIACOM INC CLASS A COMMON STOCK USD.001	0.006%	99.873%
857	SINCLAIR BROADCAST GROUP A COMMON STOCK USD.01	0.006%	99.879%
858	BLUEBIRD BIO INC COMMON STOCK USD.01	0.006%	99.885%
859	TABLEAU SOFTWARE INC CL A COMMON STOCK USD.0001	0.006%	99.891%
860	TERADATA CORP COMMON STOCK USD.01	0.006%	99.897%
861	POLYONE CORPORATION COMMON STOCK USD.01	0.006%	99.903%
862	MATCH GROUP INC COMMON STOCK USD.001	0.006%	99.908%
863	ILG INC COMMON STOCK USD.01	0.005%	99.914%
864	ONEMAIN HOLDINGS INC COMMON STOCK USD.01	0.005%	99.919%
865	VAREX IMAGING CORP COMMON STOCK	0.005%	99.924%
866	MORNINGSTAR INC COMMON STOCK	0.005%	99.929%
867	ONE GAS INC COMMON STOCK	0.005%	99.934%
868	PROASSURANCE CORP COMMON STOCK USD.01	0.005%	99.938%
869	INTEGRATED DEVICE TECH INC COMMON STOCK USD.001	0.005%	99.943%
870	LIBERTY MEDIA CORP LIBERTY A TRACKING STK USD.01	0.004%	99.947%
871	TELEPHONE AND DATA SYSTEMS COMMON STOCK USD.01	0.004%	99.951%
872	UMPQUA HOLDINGS CORP COMMON STOCK	0.004%	99.955%
873	DIAMOND OFFSHORE DRILLING COMMON STOCK USD.01	0.004%	99.959%
874	BROOKDALE SENIOR LIVING INC COMMON STOCK USD.01	0.004%	99.963%
875	WHITING PETROLEUM CORP COMMON STOCK USD.001	0.004%	99.966%
876	HORIZON PHARMA PLC COMMON STOCK USD.0001	0.004%	99.970%
877	PRICESMART INC COMMON STOCK USD.0001	0.003%	99.973%
878	CREE INC COMMON STOCK USD.00125	0.003%	99.977%
879	LEGG MASON INC COMMON STOCK USD.1	0.003%	99.980%
880	LENNAR CORP B SHS COMMON STOCK USD.1	0.003%	99.983%
881	LIBERTY MEDIA CORP BRAVES C TRACKING STK	0.003%	99.986%
882	NRG YIELD INC CLASS C COMMON STOCK	0.002%	99.988%

	SECURITY NAME	% OF PORTFOLIO	CUMULATIVE %
883	NRG YIELD INC CLASS A COMMON STOCK USD.01	0.002%	99.991%
884	LUMENTUM HOLDINGS INC COMMON STOCK USD.001	0.002%	99.993%
885	SEABOARD CORP COMMON STOCK USD1.0	0.002%	99.994%
886	GULFPORT ENERGY CORP COMMON STOCK USD.01	0.002%	99.996%
887	US CELLULAR CORP COMMON STOCK USD1.0	0.001%	99.997%
888	LIBERTY MEDIA CORP BRAVES A TRACKING STK	0.001%	99.999%
889	SAFEWAY CASA LEY CVR COMMON STOCK	0.001%	99.999%
890	COMMERCEHUB INC SERIES C COMMON STOCK USD.01	0.001%	100.000%
891	SAFEWAY PDC LLC CVR COMMON STOCK	0.000%	100.000%