

MONTANA
BOARD OF INVESTMENTS

Investment Holdings

As of December 31, 2022

Transparency of the Montana Investment Holdings

The Montana Board of Investment's holdings file is a comprehensive listing of all manager funds, separately managed and commingled, and aggregated security positions. Securities are organized across common categories: Pension Pool, Asset Class, Manager Fund, Aggregated Individual Holdings, and Non-Pension Pools. Market values shown are in U.S. dollars. The market values shown in this document are for the individual investment holdings only and do not include any information on accounts for receivables or payables. Aggregated Individual Holdings represent securities held at our custodian bank and individual commingled accounts. The Investment Holdings Report is unaudited and may be subject to change.

The audited Unified Investment Program Financial Statements will be made available once the Legislative Audit Division issues the Audit Opinion. Once issued, the Legislative Audit Division will have the Audit Opinion available online at <http://leg.mt.gov/css/publications/audit/reports.asp> and the complete audited financial statements will also be available on the Board's website <http://investmentmt.com/AnnualReportsAudits>.

Additional information can be found at www.investmentmt.com

Table of Contents

Pension Asset Class Holdings	3
Domestic Equity	4
International Equity	68
Private Investments	104
Real Assets	108
Private Real Estate	110
Core Fixed Income	112
Non-Core Fixed Income	120
Cash and Cash Equivalents	144
Short Term Investment Pool (STIP)	146
Trust Funds Investment Pool (TFIP)	149
State Fund	156
Separately Managed Accounts (SMA)	160
End Notes	162

**Pensions
Asset Class Holdings**

Asset Class	Market Value
Domestic Equity	\$3,776,046,607
International Equity	\$2,147,112,186
Private Investments	\$2,304,349,251
Real Assets	\$733,515,153
Real Estate	\$1,688,788,366
Core Fixed Income	\$1,812,828,098
Non-Core Fixed Income	\$810,027,606
Cash Equivalents	\$213,779,108
Total Holdings	\$13,486,446,376

**Domestic Equity Asset Class
Manager Holdings**

Security Name	Market Value
BlackRock	\$2,271,857,691
Northern Trust	\$1,503,233,977
State Street Global Advisors (ETF & Cash)	\$954,939
Total Holdings	\$3,776,046,607

Domestic Equity Asset Class Security Holdings	
Security Name	Market Value
1 800 FLOWERS.COM INC CL A	\$23,527
10X GENOMICS INC CLASS A	\$349,751
1LIFE HEALTHCARE INC	\$288,248
1ST SOURCE CORP	\$147,643
23ANDME HOLDING CO CLASS A	\$68,293
2SEVENTY BIO INC	\$43,964
2U INC	\$61,615
3D SYSTEMS CORP	\$119,688
3M CO W/D	\$5,643,795
8X8 INC	\$61,469
908 DEVICES INC	\$17,236
A MARK PRECIOUS METALS INC	\$79,844
A10 NETWORKS INC	\$136,017
AAON INC	\$401,983
AAR CORP	\$204,789
AARON S CO INC/THE	\$42,996
ABBOTT LABORATORIES	\$16,335,874
ABBVIE INC	\$24,286,266
ABERCROMBIE + FITCH CO CL A	\$141,126
ABM INDUSTRIES INC	\$374,594
ACADEMY SPORTS + OUTDOORS IN	\$536,328
ACADIA HEALTHCARE CO INC	\$941,082
ACADIA PHARMACEUTICALS INC	\$243,512
ACADIA REALTY TRUST	\$152,368
ACCEL ENTERTAINMENT INC	\$56,118
ACCENTURE PLC CL A	\$14,339,715
ACCO BRANDS CORP	\$67,141
ACCOLADE INC	\$59,664
ACI WORLDWIDE INC	\$313,536
ACLARIS THERAPEUTICS INC	\$93,571
ACM RESEARCH INC CLASS A	\$41,117
ACTIVISION BLIZZARD INC	\$5,082,461
ACUITY BRANDS INC	\$684,301
ACUSHNET HOLDINGS CORP	\$189,074
ACV AUCTIONS INC A	\$113,429
ADAPTHEALTH CORP	\$159,834
ADAPTIVE BIOTECHNOLOGIES	\$98,205
ADDUS HOMECARE CORP	\$201,467

ADEIA INC	\$124,245
ADICET BIO INC	\$20,911
ADIENT PLC	\$414,788
ADMA BIOLOGICS INC	\$80,328
ADOBE INC	\$13,385,817
ADT INC	\$193,055
ADTALEM GLOBAL EDUCATION INC	\$201,924
ADTRAN HOLDINGS INC	\$174,972
ADVANCE AUTO PARTS INC	\$759,998
ADVANCED DRAINAGE SYSTEMS IN	\$689,040
ADVANCED ENERGY INDUSTRIES	\$402,651
ADVANCED MICRO DEVICES	\$8,894,022
ADVANSIX INC	\$133,184
ADVANTAGE SOLUTIONS INC	\$21,133
AECOM	\$1,415,868
AEHR TEST SYSTEMS	\$65,787
AEROJET ROCKETDYNE HOLDINGS	\$510,305
AEROVATE THERAPEUTICS INC	\$29,359
AEROVIRONMENT INC	\$256,295
AERSALE CORP	\$30,867
AES CORP	\$1,625,688
AEVA TECHNOLOGIES INC	\$18,076
AFFILIATED MANAGERS GROUP	\$761,731
AFFIRM HOLDINGS INC	\$160,097
AFLAC INC	\$3,640,164
AGCO CORP	\$1,106,053
AGENUS INC	\$76,788
AGILENT TECHNOLOGIES INC	\$3,777,465
AGILITI INC	\$68,535
AGILON HEALTH INC	\$416,832
AGILYSYS INC	\$236,866
AGIOS PHARMACEUTICALS INC	\$174,742
AGNC INVESTMENT CORP	\$682,458
AGREE REALTY CORP	\$711,002
AIR LEASE CORP	\$509,257
AIR PRODUCTS + CHEMICALS INC	\$5,802,686
AIR TRANSPORT SERVICES GROUP	\$59,001
AIRBNB INC CLASS A	\$2,740,275
AKAMAI TECHNOLOGIES INC	\$1,136,111
AKERO THERAPEUTICS INC	\$200,952
ALAMO GROUP INC	\$192,718

ALARM.COM HOLDINGS INC	\$293,515
ALASKA AIR GROUP INC	\$172,576
ALBANY INTL CORP CL A	\$384,797
ALBEMARLE CORP	\$2,157,323
ALBIREO PHARMA INC	\$46,029
ALCOA CORP	\$703,421
ALECTOR INC	\$63,281
ALEXANDER + BALDWIN INC	\$171,305
ALEXANDER S INC	\$61,177
ALEXANDRIA REAL ESTATE EQUIT	\$1,927,505
ALIGHT INC CLASS A	\$268,674
ALIGN TECHNOLOGY INC	\$1,336,052
ALIGNMENT HEALTHCARE INC	\$123,880
ALKAMI TECHNOLOGY INC	\$30,318
ALKERMES PLC	\$540,133
ALLAKOS INC	\$67,225
ALLBIRDS INC CL A	\$27,736
ALLEGIANANT TRAVEL CO	\$39,298
ALLEGION PLC	\$783,240
ALLEGRO MICROSYSTEMS INC	\$252,138
ALLETE INC	\$466,278
ALLIANT ENERGY CORP	\$1,180,776
ALLIED MOTION TECHNOLOGIES	\$57,297
ALLISON TRANSMISSION HOLDING	\$500,698
ALLOGENE THERAPEUTICS INC	\$69,077
ALLOVIR INC	\$30,093
ALLSTATE CORP	\$3,137,784
ALLY FINANCIAL INC	\$652,693
ALNYLAM PHARMACEUTICALS INC	\$2,437,101
ALPHA + OMEGA SEMICONDUCTOR	\$84,710
ALPHA METALLURGICAL RESOURCE	\$303,759
ALPHABET INC CL A	\$44,960,508
ALPHABET INC CL C	\$41,824,749
ALPHATEC HOLDINGS INC	\$114,991
ALTAIR ENGINEERING INC A	\$298,147
ALTERYX INC CLASS A	\$387,473
ALTICE USA INC A	\$123,450
ALTIMMUNE INC	\$100,970
ALTO INGREDIENTS INC	\$31,248
ALTRA INDUSTRIAL MOTION CORP	\$489,233
ALTRIA GROUP INC	\$7,005,835

ALTUS POWER INC	\$38,253
ALX ONCOLOGY HOLDINGS INC	\$27,048
AMALGAMATED FINANCIAL CORP	\$52,716
AMAZON.COM INC	\$65,457,252
AMBAC FINANCIAL GROUP INC	\$98,205
AMBARELLA INC	\$375,544
AMC ENTERTAINMENT HLDS CL A	\$264,517
AMC ENTERTAINMENT PFD EQ UT	\$88,482
AMC NETWORKS INC A	\$55,864
AMCOR PLC	\$1,525,897
AMEDISYS INC	\$341,344
AMERANT BANCORP INC	\$91,793
AMEREN CORPORATION	\$1,957,307
AMERESCO INC CL A	\$232,503
AMERICA S CAR MART INC	\$57,374
AMERICAN AIRLINES GROUP INC	\$259,984
AMERICAN ASSETS TRUST INC	\$172,515
AMERICAN AXLE + MFG HOLDINGS	\$111,521
AMERICAN EAGLE OUTFITTERS	\$283,095
AMERICAN ELECTRIC POWER	\$4,139,155
AMERICAN EQUITY INVT LIFE HL	\$434,713
AMERICAN EXPRESS CO	\$8,010,710
AMERICAN FINANCIAL GROUP INC	\$839,467
AMERICAN HOMES 4 RENT A	\$803,563
AMERICAN INTERNATIONAL GROUP	\$4,089,478
AMERICAN SOFTWARE INC CL A	\$67,161
AMERICAN STATES WATER CO	\$433,967
AMERICAN TOWER CORP	\$8,374,826
AMERICAN VANGUARD CORP	\$73,901
AMERICAN WATER WORKS CO INC	\$2,354,279
AMERICAN WELL CORP CLASS A	\$72,938
AMERICAN WOODMARK CORP	\$102,704
AMERICOLD REALTY TRUST INC	\$959,256
AMERIPRISE FINANCIAL INC	\$2,881,729
AMERIS BANCORP	\$381,693
AMERISAFE INC	\$133,459
AMERISOURCEBERGEN CORP	\$2,193,835
AMETEK INC	\$2,735,718
AMGEN INC	\$11,937,513
AMICUS THERAPEUTICS INC	\$322,625
AMKOR TECHNOLOGY INC	\$331,643

AMMO INC	\$17,528
AMN HEALTHCARE SERVICES INC	\$562,117
AMNEAL PHARMACEUTICALS INC	\$23,639
AMPHASTAR PHARMACEUTICALS IN	\$139,035
AMPHENOL CORP CL A	\$3,849,334
AMPLITUDE INC CLASS A	\$81,153
AMYRIS INC	\$34,280
ANALOG DEVICES INC	\$7,174,836
ANAPTYSBIO INC	\$68,395
ANAVEX LIFE SCIENCES CORP	\$90,081
ANDERSONS INC/THE	\$142,549
ANGI INC	\$20,459
ANGIODYNAMICS INC	\$70,089
ANI PHARMACEUTICALS INC	\$64,247
ANIKA THERAPEUTICS INC	\$57,158
ANNALY CAPITAL MANAGEMENT IN	\$839,616
ANSYS INC	\$1,786,316
ANTERIX INC	\$54,046
ANTERO MIDSTREAM CORP	\$422,461
ANTERO RESOURCES CORP	\$1,074,609
ANYWHERE REAL ESTATE INC	\$92,054
AON PLC CLASS A	\$5,392,015
APA CORP	\$1,316,609
APARTMENT INCOME REIT CO	\$662,492
APARTMENT INVT + MGMT CO A	\$135,985
APELLIS PHARMACEUTICALS INC	\$571,085
API GROUP CORP	\$385,473
APOGEE ENTERPRISES INC	\$128,356
APOLLO COMMERCIAL REAL ESTAT	\$182,156
APOLLO GLOBAL MANAGEMENT INC	\$2,169,881
APOLLO MEDICAL HOLDINGS INC	\$148,246
APPFOLIO INC A	\$254,387
APPIAN CORP A	\$143,492
APPLE HOSPITALITY REIT INC	\$430,778
APPLE INC	\$177,456,705
APPLIED INDUSTRIAL TECH INC	\$609,859
APPLIED MATERIALS INC	\$7,120,133
APPLOVIN CORP CLASS A	\$154,033
APTARGROUP INC	\$902,606
APTIV PLC	\$2,143,946
ARAMARK	\$810,347

ARBOR REALTY TRUST INC	\$252,694
ARCBEST CORP	\$217,264
ARCELLX INC	\$59,017
ARCH CAPITAL GROUP LTD	\$1,989,875
ARCH RESOURCES INC	\$316,708
ARCHER DANIELS MIDLAND CO	\$4,427,274
ARCHROCK INC	\$158,246
ARCONIC CORP	\$272,012
ARCOSA INC	\$330,279
ARCTURUS THERAPEUTICS HOLDIN	\$52,508
ARCUS BIOSCIENCES INC	\$112,665
ARCUTIS BIOTHERAPEUTICS INC	\$78,810
ARES COMMERCIAL REAL ESTATE	\$67,554
ARES MANAGEMENT CORP A	\$908,130
ARGAN INC	\$68,892
ARGO GROUP INTERNATIONAL	\$114,671
ARISTA NETWORKS INC	\$2,523,595
ARKO CORP	\$53,631
ARLO TECHNOLOGIES INC	\$36,795
ARMADA HOFFLER PROPERTIES IN	\$97,256
ARMOUR RESIDENTIAL REIT INC	\$87,304
ARMSTRONG WORLD INDUSTRIES	\$400,360
ARRAY TECHNOLOGIES INC	\$347,321
ARROW ELECTRONICS INC	\$576,599
ARROW FINANCIAL CORP	\$90,072
ARROWHEAD PHARMACEUTICALS IN	\$513,611
ARTESIAN RESOURCES CORP CL A	\$61,158
ARTHUR J GALLAGHER + CO	\$3,368,267
ARTISAN PARTNERS ASSET MA A	\$254,648
ARTIVION INC	\$62,709
ARVINAS INC	\$195,031
ASANA INC CL A	\$118,642
ASBURY AUTOMOTIVE GROUP	\$472,862
ASGN INC	\$516,991
ASHLAND INC	\$696,579
ASPEN AEROGELS INC	\$54,317
ASPEN TECHNOLOGY INC	\$510,624
ASSETMARK FINANCIAL HOLDINGS	\$64,377
ASSOCIATED BANC CORP	\$460,969
ASSURANT INC	\$576,026
ASSURED GUARANTY LTD	\$474,483

ASTEC INDUSTRIES INC	\$115,800
AT+T INC	\$11,161,854
ATAI LIFE SCIENCES NV	\$39,331
ATARA BIOTHERAPEUTICS INC	\$31,580
ATEA PHARMACEUTICALS INC	\$44,622
ATI INC	\$485,912
ATKORE INC	\$590,238
ATLANTIC UNION BANKSHARES CO	\$356,179
ATLANTICUS HOLDINGS CORP	\$17,109
ATLAS AIR WORLDWIDE HOLDINGS	\$90,518
ATMOS ENERGY CORP	\$1,320,857
ATN INTERNATIONAL INC	\$63,842
ATRICURE INC	\$246,442
ATRION CORPORATION	\$99,023
AURINIA PHARMACEUTICALS INC	\$63,228
AURORA INNOVATION INC	\$32,452
AUTODESK INC	\$3,448,312
AUTOLIV INC	\$797,198
AUTOMATIC DATA PROCESSING	\$8,428,653
AUTONATION INC	\$491,219
AUTOZONE INC	\$4,093,859
AVALONBAY COMMUNITIES INC	\$1,915,466
AVANOS MEDICAL INC	\$160,980
AVANTAX INC	\$140,415
AVANTOR INC	\$1,216,324
AVEO PHARMACEUTICALS INC	\$58,544
AVEPOINT INC	\$43,213
AVERY DENNISON CORP	\$1,255,959
AVID BIOSERVICES INC	\$105,120
AVID TECHNOLOGY INC	\$119,150
AVIDITY BIOSCIENCES INC	\$110,062
AVIDXCHANGE HOLDINGS INC	\$62,473
AVIENT CORP	\$386,687
AVIS BUDGET GROUP INC	\$644,245
AVISTA CORP	\$375,560
AVNET INC	\$495,800
AXALTA COATING SYSTEMS LTD	\$705,774
AXCELIS TECHNOLOGIES INC	\$329,741
AXIS CAPITAL HOLDINGS LTD	\$559,468
AXOGEN INC	\$49,142
AXON ENTERPRISE INC	\$1,409,409

AXONICS INC	\$306,147
AXOS FINANCIAL INC	\$258,597
AXSOME THERAPEUTICS INC	\$293,403
AZEK CO INC/THE	\$294,437
AZENTA INC	\$549,830
AZZ INC	\$123,414
B. RILEY FINANCIAL INC	\$67,511
B+G FOODS INC	\$101,298
BABCOCK + WILCOX ENTERPR	\$42,536
BADGER METER INC	\$401,121
BAKER HUGHES CO	\$2,537,808
BALCHEM CORP	\$491,859
BALL CORP	\$1,371,524
BALLY S CORP	\$77,656
BANC OF CALIFORNIA INC	\$121,450
BANCFIRST CORP	\$208,193
BANCORP INC/THE	\$137,870
BANDWIDTH INC CLASS A	\$69,125
BANK FIRST CORP	\$104,701
BANK OF AMERICA CORP	\$20,358,003
BANK OF HAWAII CORP	\$416,497
BANK OF MARIN BANCORP/CA	\$86,672
BANK OF NEW YORK MELLON CORP	\$2,960,120
BANK OZK	\$616,443
BANKUNITED INC	\$262,928
BANNER CORPORATION	\$207,486
BAR HARBOR BANKSHARES	\$74,269
BARK INC	\$10,624
BARNES GROUP INC	\$249,839
BARRETT BUSINESS SVCS INC	\$85,258
BATH + BODY WORKS INC	\$817,853
BAXTER INTERNATIONAL INC	\$2,180,446
BEACHBODY CO INC/THE	\$6,198
BEACON ROOFING SUPPLY INC	\$347,411
BEAM THERAPEUTICS INC	\$277,329
BEAUTY HEALTH CO/THE	\$105,906
BECTON DICKINSON AND CO	\$6,158,637
BED BATH + BEYOND INC	\$20,981
BELDEN INC	\$396,672
BELLRING BRANDS INC	\$438,136
BENCHMARK ELECTRONICS INC	\$119,251

BENSON HILL INC	\$35,759
BENTLEY SYSTEMS INC CLASS B	\$611,318
BERKSHIRE HATHAWAY INC CL B	\$34,158,162
BERKSHIRE HILLS BANCORP INC	\$129,706
BERRY CORP	\$54,616
BERRY GLOBAL GROUP INC	\$955,217
BEST BUY CO INC	\$1,386,029
BEYOND MEAT INC	\$88,066
BGC PARTNERS INC CL A	\$148,101
BIG LOTS INC	\$50,142
BIGCOMMERCE HOLDINGS SER 1	\$62,605
BILL HOLDINGS INC	\$870,372
BIO RAD LABORATORIES A	\$796,829
BIO TECHNE CORP	\$1,103,962
BIOCRYST PHARMACEUTICALS INC	\$268,219
BIOGEN INC	\$3,426,054
BIOLIFE SOLUTIONS INC	\$75,366
BIOMARIN PHARMACEUTICAL INC	\$1,624,793
BIONANO GENOMICS INC	\$53,141
BIOVENTUS INC A	\$9,808
BIOXCEL THERAPEUTICS INC	\$50,972
BJ S RESTAURANTS INC	\$80,142
BJ S WHOLESALE CLUB HOLDINGS	\$1,124,588
BLACK HILLS CORP	\$588,464
BLACK KNIGHT INC	\$812,321
BLACKBAUD INC	\$333,736
BLACKLINE INC	\$479,231
BLACKROCK INC	\$9,090,306
BLACKSTONE INC	\$4,409,779
BLACKSTONE MORTGAGE TRU CL A	\$429,836
BLINK CHARGING CO	\$57,033
BLOCK INC	\$2,799,208
BLOOM ENERGY CORP A	\$424,082
BLOOMIN BRANDS INC	\$213,936
BLUE OWL CAPITAL INC	\$336,582
BLUEBIRD BIO INC	\$67,546
BLUELINX HOLDINGS INC	\$85,332
BLUEPRINT MEDICINES CORP	\$329,539
BOEING CO/THE	\$9,133,805
BOISE CASCADE CO	\$340,878
BOK FINANCIAL CORPORATION	\$419,831

BOOKING HOLDINGS INC	\$6,791,494
BOOT BARN HOLDINGS INC	\$234,763
BOOZ ALLEN HAMILTON HOLDINGS	\$1,170,101
BORGWARNER INC	\$805,845
BOSTON BEER COMPANY INC A	\$403,003
BOSTON OMAHA CORP CL A	\$67,416
BOSTON PROPERTIES INC	\$851,103
BOSTON SCIENTIFIC CORP	\$5,613,384
BOWLERO CORP	\$63,572
BOX INC CLASS A	\$563,640
BOYD GAMING CORP	\$549,499
BRADY CORPORATION CL A	\$279,256
BRANDYWINE REALTY TRUST	\$126,303
BRAZE INC A	\$94,634
BRC INC A	\$20,346
BREAD FINANCIAL HOLDINGS INC	\$218,654
BRIDGEBIO PHARMA INC	\$63,444
BRIDGEWATER BANCSHARES INC	\$57,673
BRIGHT HORIZONS FAMILY SOLUT	\$458,989
BRIGHTHOUSE FINANCIAL INC	\$476,401
BRIGHTSPHERE INVESTMENT GROU	\$87,650
BRIGHTSPIRE CAPITAL INC	\$77,788
BRIGHTVIEW HOLDINGS INC	\$26,740
BRINK S CO/THE	\$318,447
BRINKER INTERNATIONAL INC	\$178,600
BRISTOL MYERS SQUIBB CO	\$13,057,702
BRISTOW GROUP INC	\$26,180
BRIXMOR PROPERTY GROUP INC	\$851,871
BROADCOM INC	\$19,166,976
BROADMARK REALTY CAPITAL INC	\$57,533
BROADRIDGE FINANCIAL SOLUTIO	\$1,332,045
BROADSTONE NET LEASE INC	\$352,859
BROOKDALE SENIOR LIVING INC	\$57,387
BROOKLINE BANCORP INC	\$106,564
BROWN + BROWN INC	\$1,154,782
BROWN FORMAN CORP CLASS B	\$1,727,515
BRP GROUP INC A	\$192,095
BRUKER CORP	\$890,601
BRUNSWICK CORP	\$673,804
BUCKLE INC/THE	\$169,156
BUILDERS FIRSTSOURCE INC	\$1,274,243

BUMBLE INC A	\$188,861
BUNGE LTD	\$1,286,833
BURLINGTON STORES INC	\$1,132,009
BUSINESS FIRST BANCSHARES	\$83,291
BUTTERFLY NETWORK INC	\$34,905
BWX TECHNOLOGIES INC	\$665,539
BYLINE BANCORP INC	\$86,620
C.H. ROBINSON WORLDWIDE INC	\$971,268
C3.AI INC A	\$112,202
C4 THERAPEUTICS INC	\$27,252
CABLE ONE INC	\$445,624
CABOT CORP	\$473,495
CACI INTERNATIONAL INC CL A	\$884,636
CACTUS INC A	\$383,333
CADENCE BANK	\$405,904
CADENCE DESIGN SYS INC	\$3,747,892
CADRE HOLDINGS INC	\$31,539
CAESARS ENTERTAINMENT INC	\$760,656
CAL MAINE FOODS INC	\$256,623
CALAVO GROWERS INC	\$64,739
CALERES INC	\$104,337
CALIFORNIA RESOURCES CORP	\$291,343
CALIFORNIA WATER SERVICE GRP	\$417,446
CALIX INC	\$505,219
CALLON PETROLEUM CO	\$230,811
CAMBIUM NETWORKS CORP	\$32,678
CAMBRIDGE BANCORP	\$80,817
CAMDEN NATIONAL CORP	\$99,139
CAMDEN PROPERTY TRUST	\$956,574
CAMPBELL SOUP CO	\$1,015,541
CAMPING WORLD HOLDINGS INC A	\$111,288
CANNAE HOLDINGS INC	\$192,623
CANO HEALTH INC	\$29,010
CANOO INC	\$28,489
CAPITAL CITY BANK GROUP INC	\$67,405
CAPITAL ONE FINANCIAL CORP	\$3,038,955
CAPITOL FEDERAL FINANCIAL IN	\$140,121
CAPRI HOLDINGS LTD	\$997,081
CARA THERAPEUTICS INC	\$64,279
CARDINAL HEALTH INC	\$1,778,541
CARDIOVASCULAR SYSTEMS INC	\$72,744

CARDLYTICS INC	\$23,039
CAREDX INC	\$78,284
CAREMAX INC	\$21,199
CARETRUST REIT INC	\$229,054
CARGURUS INC	\$154,782
CARIBOU BIOSCIENCES INC	\$38,270
CARLISLE COS INC	\$1,041,337
CARLYLE GROUP INC/THE	\$504,684
CARMAX INC	\$825,486
CARNIVAL CORP	\$676,347
CARPARTS.COM INC	\$32,577
CARPENTER TECHNOLOGY	\$224,041
CARRIAGE SERVICES INC	\$44,780
CARRIER GLOBAL CORP	\$2,958,120
CARS.COM INC	\$113,244
CARTER S INC	\$369,842
CARVANA CO	\$52,808
CASA SYSTEMS INC	\$16,047
CASELLA WASTE SYSTEMS INC A	\$504,887
CASEY S GENERAL STORES INC	\$1,051,753
CASS INFORMATION SYSTEMS INC	\$77,069
CASSAVA SCIENCES INC	\$141,999
CASTLE BIOSCIENCES INC	\$64,052
CATALENT INC	\$654,850
CATALYST PHARMACEUTICALS INC	\$227,404
CATERPILLAR INC	\$10,738,996
CATHAY GENERAL BANCORP	\$386,077
CAVCO INDUSTRIES INC	\$237,336
CBIZ INC	\$274,541
CBL + ASSOCIATES PROPERTIES	\$38,497
CBOE GLOBAL MARKETS INC	\$1,126,093
CBRE GROUP INC A	\$2,115,553
CCC INTELLIGENT SOLUTIONS HO	\$135,816
CDW CORP/DE	\$2,050,991
CELANESE CORP	\$934,678
CELLDEX THERAPEUTICS INC	\$213,000
CELSIUS HOLDINGS INC	\$544,233
CELULARITY INC	\$7,944
CENTENE CORP	\$3,988,310
CENTERPOINT ENERGY INC	\$1,606,114
CENTERSPACE	\$111,649

CENTRAL GARDEN + PET CO	\$47,412
CENTRAL GARDEN AND PET CO A	\$185,730
CENTRAL PACIFIC FINANCIAL CO	\$45,569
CENTRUS ENERGY CORP CLASS A	\$41,639
CENTURY ALUMINUM COMPANY	\$53,145
CENTURY COMMUNITIES INC	\$184,137
CERENCE INC	\$94,596
CEREVEL THERAPEUTICS HOLDING	\$246,990
CERIDIAN HCM HOLDING INC	\$757,098
CERTARA INC	\$211,047
CERUS CORP	\$80,453
CEVA INC	\$75,896
CF INDUSTRIES HOLDINGS INC	\$1,431,701
CHAMPIONX CORP	\$740,144
CHARGE ENTERPRISES INC	\$16,656
CHARGEPOINT HOLDINGS INC	\$263,485
CHARLES RIVER LABORATORIES	\$943,289
CHART INDUSTRIES INC	\$616,596
CHARTER COMMUNICATIONS INC A	\$3,214,668
CHASE CORP	\$88,244
CHATHAM LODGING TRUST	\$71,448
CHEESECAKE FACTORY INC/THE	\$188,135
CHEFS WAREHOUSE INC/THE	\$144,934
CHEGG INC	\$401,616
CHEMED CORP	\$956,546
CHEMOURS CO/THE	\$597,672
CHENIERE ENERGY INC	\$2,886,730
CHESAPEAKE ENERGY CORP	\$829,040
CHESAPEAKE UTILITIES CORP	\$193,697
CHEVRON CORP	\$28,344,343
CHEWY INC CLASS A	\$283,959
CHICO S FAS INC	\$77,554
CHILDREN S PLACE INC/THE	\$58,308
CHIMERA INVESTMENT CORP	\$162,899
CHINOOK THERAPEUTICS INC	\$135,297
CHIPOTLE MEXICAN GRILL INC	\$3,282,801
CHOICE HOTELS INTL INC	\$510,597
CHORD ENERGY CORP	\$676,799
CHUBB LTD	\$7,835,933
CHURCH + DWIGHT CO INC	\$1,668,788
CHURCHILL DOWNS INC	\$898,366

CHUY S HOLDINGS INC	\$68,939
CIENA CORP	\$960,616
CIMPRESS PLC	\$56,821
CININNATI FINANCIAL CORP	\$1,323,288
CINCOR PHARMA INC	\$25,686
CINEMARK HOLDINGS INC	\$118,755
CINTAS CORP	\$3,480,184
CIRCOR INTERNATIONAL INC	\$59,948
CIRRUS LOGIC INC	\$523,967
CISCO SYSTEMS INC	\$16,744,364
CITIGROUP INC	\$7,447,300
CITIZENS FINANCIAL GROUP	\$1,654,170
CITY HOLDING CO	\$138,239
CITY OFFICE REIT INC	\$45,763
CIVITAS RESOURCES INC	\$402,266
CLARIVATE PLC	\$217,716
CLAROS MORTGAGE TRUST INC	\$140,142
CLARUS CORP	\$21,419
CLEAN ENERGY FUELS CORP	\$117,109
CLEAN HARBORS INC	\$737,672
CLEAR CHANNEL OUTDOOR HOLDIN	\$43,743
CLEAR SECURE INC CLASS A	\$114,191
CLEARFIELD INC	\$138,668
CLEARWATER ANALYTICS HDS A	\$69,244
CLEARWATER PAPER CORP	\$80,535
CLEARWAY ENERGY INC A	\$129,224
CLEARWAY ENERGY INC C	\$332,372
CLEVELAND CLIFFS INC	\$709,211
CLOROX COMPANY	\$1,466,168
CLOUDFLARE INC CLASS A	\$968,579
CLOVER HEALTH INVESTMENTS CO	\$38,102
CME GROUP INC	\$5,130,730
CMS ENERGY CORP	\$1,556,081
CNO FINANCIAL GROUP INC	\$339,048
CNX RESOURCES CORP	\$403,621
COASTAL FINANCIAL CORP/WA	\$70,187
COCA COLA CO/THE	\$22,213,439
COCA COLA CONSOLIDATED INC	\$324,324
CODEXIS INC	\$33,422
COEUR MINING INC	\$115,890
COGENT BIOSCIENCES INC	\$47,419

COGENT COMMUNICATIONS HOLDIN	\$309,944
COGNEX CORP	\$685,356
COGNIZANT TECH SOLUTIONS A	\$2,519,791
COHEN + STEERS INC	\$220,150
COHERENT CORP	\$577,571
COHERUS BIOSCIENCES INC	\$60,026
COHU INC	\$196,819
COINBASE GLOBAL INC CLASS A	\$369,012
BR MSCI USA INDEX - PP	\$180,560
Northern Trust MSCI USA - INDEX	\$188,452
COLGATE PALMOLIVE CO	\$5,305,482
COLLEGIUM PHARMACEUTICAL INC	\$97,417
COLUMBIA BANKING SYSTEM INC	\$234,562
COLUMBIA FINANCIAL INC	\$112,965
COLUMBIA SPORTSWEAR CO	\$376,069
COLUMBUS MCKINNON CORP/NY	\$118,580
COMCAST CORP CLASS A	\$13,089,796
COMERICA INC	\$1,120,874
COMFORT SYSTEMS USA INC	\$515,213
COMMERCE BANCSHARES INC	\$994,639
COMMERCIAL METALS CO	\$725,708
COMMSCOPE HOLDING CO INC	\$192,423
COMMUNITY BANK SYSTEM INC	\$317,331
COMMUNITY HEALTH SYSTEMS INC	\$64,053
COMMUNITY HEALTHCARE TRUST I	\$104,214
COMMUNITY TRUST BANCORP INC	\$117,397
COMMVAULT SYSTEMS INC	\$319,416
COMPASS DIVERSIFIED HOLDINGS	\$147,572
COMPASS INC CLASS A	\$71,794
COMPASS MINERALS INTERNATION	\$175,152
COMPUTER PROGRAMS + SYSTEMS	\$47,581
COMSTOCK RESOURCES INC	\$161,860
COMTECH TELECOMMUNICATIONS	\$41,555
CONAGRA BRANDS INC	\$1,581,166
CONCENTRIX CORP	\$736,108
CONDUENT INC	\$87,812
CONMED CORP	\$340,909
CONNECTONE BANCORP INC	\$122,793
CONOCOPHILLIPS	\$12,757,570
CONSENSUS CLOUD SOLUTION	\$120,799
CONSOL ENERGY INC	\$271,180

CONSOLIDATED COMMUNICATIONS	\$32,689
CONSOLIDATED EDISON INC	\$2,862,541
CONSTELLATION BRANDS INC A	\$3,144,848
CONSTELLATION ENERGY	\$2,391,465
CONSTRUCTION PARTNERS INC A	\$138,414
CONTAINER STORE GROUP INC/TH	\$17,162
CONTEXTLOGIC INC A	\$28,876
COOPER COS INC/THE	\$1,385,838
COPART INC	\$2,211,951
CORCEPT THERAPEUTICS INC	\$246,381
CORE + MAIN INC CLASS A	\$163,092
CORE LABORATORIES N.V.	\$118,519
CORECIVIC INC	\$171,354
CORNING INC	\$2,174,858
CORPORATE OFFICE PROPERTIES	\$367,466
CORSAIR GAMING INC	\$66,140
CORTEVA INC	\$3,598,335
CORVEL CORP	\$173,815
COSTAR GROUP INC	\$2,600,086
COSTCO WHOLESALE CORP	\$17,160,292
COTERRA ENERGY INC	\$1,669,016
COTY INC CL A	\$361,660
COUCHBASE INC	\$27,859
COUPA SOFTWARE INC	\$755,361
COURSERA INC	\$87,897
COUSINS PROPERTIES INC	\$485,644
COVENANT LOGISTICS GROUP INC	\$41,346
COWEN INC A	\$128,682
CRA INTERNATIONAL INC	\$110,799
CRACKER BARREL OLD COUNTRY	\$260,535
CRANE NXT CO	\$601,997
CREDIT ACCEPTANCE CORP	\$383,790
CREDO TECHNOLOGY GROUP HOLDI	\$145,678
CRESCENT ENERGY INC A	\$58,295
CRICUT INC CLASS A	\$30,498
CRINETICS PHARMACEUTICALS IN	\$89,286
CRISPR THERAPEUTICS AG	\$379,143
CROCS INC	\$839,899
CROSS COUNTRY HEALTHCARE INC	\$119,910
CROSSFIRST BANKSHARES INC	\$83,569
CROWDSTRIKE HOLDINGS INC A	\$1,809,830

CROWN CASTLE INC	\$4,984,499
CROWN HOLDINGS INC	\$857,861
CRYOPORT INC	\$106,581
CS DISCO INC	\$10,763
CSG SYSTEMS INTL INC	\$231,546
CSW INDUSTRIALS INC	\$215,398
CSX CORP	\$5,632,939
CTI BIOPHARMA CORP	\$68,857
CTS CORP	\$159,493
CUBESMART	\$1,133,883
CULLEN/FROST BANKERS INC	\$1,045,133
CULLINAN ONCOLOGY INC	\$16,331
CUMMINS INC	\$2,900,696
CURTISS WRIGHT CORP	\$806,896
CUSHMAN + WAKEFIELD PLC	\$229,563
CUSTOMERS BANCORP INC	\$108,287
CUTERA INC	\$86,937
CVB FINANCIAL CORP	\$429,510
CVR ENERGY INC	\$125,078
CVS HEALTH CORP	\$10,396,463
CYTEK BIOSCIENCES INC	\$86,979
CYTOKINETICS INC	\$514,742
CYXTERA TECHNOLOGIES INC	\$9,830
DANA INC	\$246,271
DANAHER CORP	\$15,565,025
DARDEN RESTAURANTS INC	\$1,444,857
DARLING INGREDIENTS INC	\$859,736
DATADOG INC CLASS A	\$1,546,661
DAVE + BUSTER S ENTERTAINMEN	\$174,365
DAVITA INC	\$356,325
DECIPHERA PHARMACEUTICALS IN	\$84,802
DECKERS OUTDOOR CORP	\$1,330,799
DEERE + CO	\$10,562,931
DEFINITIVE HEALTHCARE CORP	\$50,367
DELEK US HOLDINGS INC	\$227,124
DELL TECHNOLOGIES C	\$882,306
DELTA AIR LINES INC	\$442,230
DELUXE CORP	\$92,490
DENALI THERAPEUTICS INC	\$302,378
DENBURY INC	\$545,006
DENNY S CORP	\$66,432

DENTSPLY SIRONA INC	\$577,227
DESIGNER BRANDS INC CLASS A	\$73,164
DESKTOP METAL INC A	\$37,503
DEVON ENERGY CORP	\$3,233,212
DEXCOM INC	\$3,773,949
DIAMOND HILL INVESTMENT GRP	\$74,193
DIAMOND OFFSHORE DRILLING IN	\$131,810
DIAMONDBACK ENERGY INC	\$1,956,091
DIAMONDROCK HOSPITALITY CO	\$217,256
DICE THERAPEUTICS INC	\$120,806
DICK S SPORTING GOODS INC	\$838,301
DIGI INTERNATIONAL INC	\$162,794
DIGITAL REALTY TRUST INC	\$2,435,859
DIGITAL TURBINE INC	\$180,472
DIGITALBRIDGE GROUP INC	\$226,119
DIGITALOCEAN HOLDINGS INC	\$140,594
DILLARDS INC CL A	\$220,422
DIME COMMUNITY BANCSHARES IN	\$139,065
DINE BRANDS GLOBAL INC	\$125,582
DIODES INC	\$435,140
DISCOVER FINANCIAL SERVICES	\$2,271,515
DISH NETWORK CORP A	\$296,637
DIVERSEY HOLDINGS LTD	\$42,378
DMC GLOBAL INC	\$49,416
DOCGO INC	\$73,740
DOCUSIGN INC	\$931,998
DOLBY LABORATORIES INC CL A	\$552,258
DOLLAR GENERAL CORP	\$4,729,724
DOLLAR TREE INC	\$2,690,896
DOMINION ENERGY INC	\$4,345,074
DOMINO S PIZZA INC	\$1,053,749
DOMO INC CLASS B	\$53,841
DONALDSON CO INC	\$903,831
DONEGAL GROUP INC CL A	\$40,839
DONNELLEY FINANCIAL SOLUTION	\$129,555
DOORDASH INC A	\$960,289
DORIAN LPG LTD	\$77,790
DORMAN PRODUCTS INC	\$271,481
DOUBLEVERIFY HOLDINGS INC	\$115,224
DOUGLAS DYNAMICS INC	\$105,551
DOUGLAS ELLIMAN INC	\$36,471

DOUGLAS EMMETT INC	\$347,532
DOVER CORP	\$1,659,314
DOW INC	\$3,091,981
DOXIMITY INC CLASS A	\$402,619
DR HORTON INC	\$2,515,531
DRAFTKINGS INC CL A	\$546,720
DREAM FINDERS HOMES INC A	\$20,143
DRIL QUIP INC	\$119,711
DRIVEN BRANDS HOLDINGS INC	\$171,643
DROPBOX INC CLASS A	\$538,530
DTE ENERGY COMPANY	\$1,936,307
DTE MIDSTREAM LLC W/I	\$674,393
DUCK CREEK TECHNOLOGIES INC	\$119,596
DUCKHORN PORTFOLIO INC/THE	\$85,236
DUCOMMUN INC	\$70,993
DUKE ENERGY CORP	\$6,728,234
DUN + BRADSTREET HOLDINGS IN	\$301,964
DUOLINGO	\$164,666
DUPONT DE NEMOURS INC	\$2,896,049
DUTCH BROS INC CLASS A	\$91,787
DXC TECHNOLOGY CO	\$766,539
DXP ENTERPRISES INC	\$52,924
DYCOM INDUSTRIES INC	\$346,694
DYNATRACE INC	\$657,420
DYNAVAX TECHNOLOGIES CORP	\$158,972
DYNE THERAPEUTICS INC	\$38,456
DYNEX CAPITAL INC	\$71,219
E2OPEN PARENT HOLDINGS INC	\$134,388
EAGLE BANCORP INC	\$134,678
EAGLE BULK SHIPPING INC	\$60,328
EAGLE MATERIALS INC	\$631,436
EAGLE PHARMACEUTICALS INC	\$46,096
EARTHSTONE ENERGY INC A	\$85,053
EAST WEST BANCORP INC	\$1,190,352
EASTERLY GOVERNMENT PROPERTI	\$156,599
EASTERN BANKSHARES INC	\$364,217
EASTGROUP PROPERTIES INC	\$809,592
EASTMAN CHEMICAL CO	\$869,128
EASTMAN KODAK CO	\$21,262
EATON CORP PLC	\$5,318,251
EBAY INC	\$1,935,032

EBIX INC	\$63,573
EHOSTAR CORP A	\$71,207
ECOLAB INC	\$3,176,119
ECOVYST INC	\$88,423
EDGEWELL PERSONAL CARE CO	\$238,640
EDGIO INC	\$19,191
EDISON INTERNATIONAL	\$2,059,061
EDITAS MEDICINE INC	\$75,980
EDWARDS LIFESCIENCES CORP	\$3,936,797
EL POLLO LOCO HOLDINGS INC	\$25,189
ELANCO ANIMAL HEALTH INC	\$445,028
ELASTIC NV	\$492,958
ELECTRONIC ARTS INC	\$2,899,454
ELEMENT SOLUTIONS INC	\$532,931
ELEVANCE HEALTH INC	\$10,472,796
ELF BEAUTY INC	\$345,957
ELI LILLY + CO	\$25,110,892
ELLINGTON FINANCIAL INC	\$88,953
ELME COMMUNITIES	\$199,538
EMBECTA CORP	\$183,530
EMCOR GROUP INC	\$921,837
EMERGENT BIOSOLUTIONS INC	\$65,758
EMERSON ELECTRIC CO	\$4,831,626
EMPIRE STATE REALTY TRUST A	\$118,145
EMPLOYERS HOLDINGS INC	\$110,327
ENACT HOLDINGS INC	\$103,402
ENANTA PHARMACEUTICALS INC	\$117,230
ENCOMPASS HEALTH CORP	\$750,915
ENCORE CAPITAL GROUP INC	\$147,080
ENCORE WIRE CORP	\$333,996
ENDEAVOR GROUP HOLD CLASS A	\$242,598
ENERGIZER HOLDINGS INC	\$285,947
ENERGY RECOVERY INC	\$130,480
ENERGY VAULT HOLDINGS INC	\$26,782
ENERPAC TOOL GROUP CORP	\$189,730
ENERSYS	\$379,538
ENFUSION INC CLASS A	\$22,009
ENHABIT INC	\$81,224
ENLINK MIDSTREAM LLC	\$408,089
ENNIS INC	\$73,992
ENOVA INTERNATIONAL INC	\$154,823

ENOVIS CORP	\$331,235
ENOVIX CORP	\$111,288
ENPHASE ENERGY INC	\$3,036,177
ENPRO INDUSTRIES INC	\$269,769
ENSIGN GROUP INC/THE	\$623,669
ENSTAR GROUP LTD	\$332,698
ENTEGRIS INC	\$831,484
ENERGY CORP	\$1,941,975
ENTERPRISE FINANCIAL SERVICE	\$241,716
ENTRADA THERAPEUTICS INC	\$17,184
ENVESTNET INC	\$314,300
ENVISTA HOLDINGS CORP	\$692,087
ENVIVA INC	\$221,044
EOG RESOURCES INC	\$6,441,936
EPAM SYSTEMS INC	\$1,595,111
EPLUS INC	\$151,880
EPR PROPERTIES	\$357,887
EQRX INC	\$43,527
EQT CORP	\$953,769
EQUIFAX INC	\$2,013,375
EQUINIX INC	\$5,060,762
EQUITABLE HOLDINGS INC	\$926,637
EQUITRANS MIDSTREAM CORP	\$346,732
EQUITY BANCSHARES INC CL A	\$69,783
EQUITY COMMONWEALTH	\$348,906
EQUITY LIFESTYLE PROPERTIES	\$967,902
EQUITY RESIDENTIAL	\$1,787,405
ERASCA INC	\$16,188
ERIE INDEMNITY COMPANY CL A	\$535,992
ESAB CORP	\$283,913
ESCO TECHNOLOGIES INC	\$284,593
ESPERION THERAPEUTICS INC	\$43,965
ESS TECH INC	\$14,962
ESSENT GROUP LTD	\$548,986
ESSENTIAL PROPERTIES REALTY	\$417,297
ESSENTIAL UTILITIES INC	\$1,017,699
ESSEX PROPERTY TRUST INC	\$1,165,772
ESTABLISHMENT LABS HOLDINGS	\$161,105
ESTEE LAUDER COMPANIES CL A	\$4,883,797
ETHAN ALLEN INTERIORS INC	\$77,305
ETSY INC	\$1,288,234

EURONET WORLDWIDE INC	\$590,253
EUROPEAN WAX CENTER INC A	\$40,413
EVENTBRITE INC CLASS A	\$59,749
EVERBRIDGE INC	\$148,580
EVERCOMMERCE INC	\$26,152
EVERCORE INC A	\$517,803
EVEREST RE GROUP LTD	\$1,110,086
EVERGY INC	\$1,231,540
EVERI HOLDINGS INC	\$160,792
EVERSOURCE ENERGY	\$2,459,363
EVERTEC INC	\$232,553
EVGO INC	\$35,858
EVO PAYMENTS INC CLASS A	\$203,040
EVOLENT HEALTH INC A	\$291,021
EVOLUS INC	\$34,351
EVOLV TECHNOLOGIES HOLDINGS	\$22,450
EVOQUA WATER TECHNOLOGIES CO	\$604,692
EW SCRIPPS CO/THE A	\$89,613
EXACT SCIENCES CORP	\$729,431
EXCELERATE ENERGY INC A	\$57,390
EXELIXIS INC	\$648,674
EXELON CORP	\$3,640,701
EXLSERVICE HOLDINGS INC	\$705,168
EXP WORLD HOLDINGS INC	\$93,039
EXPEDIA GROUP INC	\$1,128,376
EXPEDITORS INTL WASH INC	\$1,459,660
EXPENSIFY INC A	\$13,828
EXPONENT INC	\$637,347
EXPRO GROUP HOLDINGS NV	\$161,411
EXTRA SPACE STORAGE INC	\$1,669,463
EXTREME NETWORKS INC	\$301,932
EXXON MOBIL CORP	\$39,066,606
EZCORP INC CL A	\$54,238
F45 TRAINING HOLDINGS INC	\$10,887
F5 INC	\$733,193
FABRINET	\$587,376
FACTSET RESEARCH SYSTEMS INC	\$1,291,094
FAIR ISAAC CORP	\$1,284,553
FARMERS NATL BANC CORP	\$63,032
FARMLAND PARTNERS INC	\$81,015
FARO TECHNOLOGIES INC	\$70,408

FASTENAL CO	\$2,311,298
FASTLY INC CLASS A	\$114,152
FATE THERAPEUTICS INC	\$99,376
FB FINANCIAL CORP	\$188,434
FEDERAL AGRIC MTG CORP CL C	\$132,885
FEDERAL REALTY INVS TRUST	\$926,840
FEDERAL SIGNAL CORP	\$353,126
FEDERATED HERMES INC	\$388,372
FEDEX CORP	\$3,617,975
FERGUSON PLC	\$2,262,351
FIBROGEN INC	\$180,225
FIDELITY NATIONAL FINANCIAL	\$848,594
FIDELITY NATIONAL INFO SERV	\$3,510,152
FIFTH THIRD BANCORP	\$1,911,215
FIGS INC CLASS A	\$58,551
FIRST ADVANTAGE CORP	\$89,362
FIRST AMERICAN FINANCIAL	\$687,748
FIRST BANCORP PUERTO RICO	\$256,982
FIRST BANCORP/NC	\$188,539
FIRST BANCSHARES INC/MS	\$110,691
FIRST BUSEY CORP	\$184,609
FIRST CITIZENS BCSHS CL A	\$778,836
FIRST COMMONWEALTH FINL CORP	\$129,474
FIRST COMMUNITY BANKSHARES	\$81,631
FIRST FINANCIAL BANCORP	\$218,458
FIRST FINANCIAL CORP/INDIANA	\$88,105
FIRST FINL BANKSHARES INC	\$594,157
FIRST FOUNDATION INC	\$97,989
FIRST HAWAIIAN INC	\$436,430
FIRST HORIZON CORP	\$1,125,187
FIRST INDUSTRIAL REALTY TR	\$802,274
FIRST INTERSTATE BANCYS A	\$458,428
FIRST MERCHANTS CORP	\$331,922
FIRST MID BANCSHARES INC	\$95,149
FIRST OF LONG ISLAND CORP	\$71,316
FIRST REPUBLIC BANK/CA	\$1,870,280
FIRST SOLAR INC	\$1,230,225
FIRST WATCH RESTAURANT GROUP	\$28,602
FIRSTCASH HOLDINGS INC	\$437,070
FIRSTENERGY CORP	\$1,936,244
FISERV INC	\$5,241,996

FISKER INC	\$152,685
FIVE BELOW	\$1,233,668
FIVE STAR BANCORP	\$36,202
FIVE9 INC	\$598,661
FLEETCOR TECHNOLOGIES INC	\$1,090,692
FLEX LTD	\$1,228,671
FLOOR + DECOR HOLDINGS INC A	\$929,491
FLOWERS FOODS INC	\$724,420
FLOWSERVE CORP	\$504,962
FLUENCE ENERGY INC	\$85,767
FLUOR CORP	\$619,617
FLUSHING FINANCIAL CORP	\$90,078
FLYWIRE CORP VOTING	\$97,586
FMC CORP	\$1,340,227
FNB CORP	\$599,909
FOCUS FINANCIAL PARTNERS A	\$277,550
FOOT LOCKER INC	\$406,885
FORD MOTOR CO	\$3,898,085
FORESTAR GROUP INC	\$36,861
FORGEROCK INC A	\$109,319
FORMFACTOR INC	\$217,609
FORRESTER RESEARCH INC	\$52,317
FORTINET INC	\$2,806,482
FORTIVE CORP	\$1,848,922
FORTUNE BRANDS INNOVATIONS I	\$627,410
FORWARD AIR CORP	\$355,262
FOUR CORNERS PROPERTY TRUST	\$265,160
FOX CORP CLASS A	\$795,633
FOX CORP CLASS B	\$361,315
FOX FACTORY HOLDING CORP	\$484,887
FRANCHISE GROUP INC	\$82,727
FRANKLIN BSP REALTY TRUST IN	\$118,551
FRANKLIN COVEY CO	\$76,142
FRANKLIN ELECTRIC CO INC	\$393,407
FRANKLIN RESOURCES INC	\$667,361
FREEDOM HOLDING CORP/NV	\$130,995
FREEMPORT MCMORAN INC	\$4,615,822
FRESH DEL MONTE PRODUCE INC	\$128,121
FRESHPET INC	\$317,728
FRESHWORKS INC CL A	\$242,127
FREYR BATTERY SA	\$88,666

FRONTDOOR INC	\$210,267
FRONTIER COMMUNICATIONS PARE	\$627,827
FRONTIER GROUP HOLDINGS INC	\$57,471
FRP HOLDINGS INC	\$40,610
FTI CONSULTING INC	\$689,986
FUBOTV INC	\$37,539
FUELCELL ENERGY INC	\$135,617
FULCRUM THERAPEUTICS INC	\$33,335
FULGENT GENETICS INC	\$72,485
FULTON FINANCIAL CORP	\$377,766
FUNKO INC CLASS A	\$48,680
FUTUREFUEL CORP	\$33,609
G III APPAREL GROUP LTD	\$75,624
G1 THERAPEUTICS INC	\$29,105
GAMESTOP CORP CLASS A	\$601,187
GAMING AND LEISURE PROPERTIE	\$1,133,010
GAP INC/THE	\$284,662
GARMIN LTD	\$1,206,876
GARTNER INC	\$2,277,685
GATES INDUSTRIAL CORP PLC	\$141,062
GATX CORP	\$470,980
GEN DIGITAL INC	\$1,088,408
GENCO SHIPPING + TRADING LTD	\$71,608
GENEDX HOLDINGS CORP	\$3,384
GENERAC HOLDINGS INC	\$544,873
GENERAL DYNAMICS CORP	\$4,918,781
GENERAL ELECTRIC CO	\$7,813,166
GENERAL MILLS INC	\$4,262,431
GENERAL MOTORS CO	\$3,954,012
GENERATION BIO CO	\$20,330
GENESCO INC	\$74,506
GENTEX CORP	\$806,265
GENTHERM INC	\$272,390
GENUINE PARTS CO	\$2,084,723
GENWORTH FINANCIAL INC CL A	\$251,756
GEO GROUP INC/THE	\$125,465
GERMAN AMERICAN BANCORP	\$155,765
GERON CORP	\$101,200
GETTY REALTY CORP	\$158,384
GEVO INC	\$61,545
GIBRALTAR INDUSTRIES INC	\$185,768

GILEAD SCIENCES INC	\$9,139,505
GINKGO BIOWORKS HOLDINGS INC	\$176,079
GITLAB INC CL A	\$258,190
GLACIER BANCORP INC	\$710,660
GLADSTONE COMMERCIAL CORP	\$93,277
GLADSTONE LAND CORP	\$76,483
GLAUKOS CORP	\$261,512
GLOBAL INDUSTRIAL CO	\$48,119
GLOBAL MEDICAL REIT INC	\$75,935
GLOBAL NET LEASE INC	\$165,145
GLOBAL PAYMENTS INC	\$2,355,473
GLOBALSTAR INC	\$119,540
GLOBE LIFE INC	\$947,282
GLOBUS MEDICAL INC A	\$720,568
GMS INC	\$236,998
GODADDY INC CLASS A	\$1,005,282
GOGO INC	\$107,113
GOLDEN ENTERTAINMENT INC	\$85,945
GOLDMAN SACHS GROUP INC	\$9,981,026
GOODRX HOLDINGS INC CLASS A	\$39,438
GOODYEAR TIRE + RUBBER CO	\$361,127
GOOSEHEAD INSURANCE INC A	\$86,880
GOPRO INC CLASS A	\$82,583
GORMAN RUPP CO	\$65,357
GOSSAMER BIO INC	\$13,647
GRACO INC	\$1,429,208
GRAFTECH INTERNATIONAL LTD	\$120,200
GRAHAM HOLDINGS CO CLASS B	\$291,833
GRAN TIERRA ENERGY INC	\$45,638
GRAND CANYON EDUCATION INC	\$426,338
GRANITE CONSTRUCTION INC	\$199,268
GRANITE POINT MORTGAGE TRUST	\$37,182
GRAPHIC PACKAGING HOLDING CO	\$860,296
GRAY TELEVISION INC	\$108,442
GREAT LAKES DREDGE + DOCK CO	\$47,041
GREAT SOUTHERN BANCORP INC	\$98,218
GREEN BRICK PARTNERS INC	\$92,074
GREEN DOT CORP CLASS A	\$72,392
GREEN PLAINS INC	\$119,865
GREENBRIER COMPANIES INC	\$139,686
GREENLIGHT BIOSCIENCES HOLDI	\$11,065

GREIF INC CL A	\$225,120
GREIF INC CL B	\$54,683
GRID DYNAMICS HOLDINGS INC	\$63,954
GRIFFON CORP	\$191,190
GROCERY OUTLET HOLDING CORP	\$338,546
GROUP 1 AUTOMOTIVE INC	\$341,080
GUARDANT HEALTH INC	\$314,813
GUESS? INC	\$91,450
GUIDEWIRE SOFTWARE INC	\$625,412
GULFPORT ENERGY CORP	\$113,479
GXO LOGISTICS INC	\$575,333
H.B. FULLER CO.	\$479,639
H+E EQUIPMENT SERVICES INC	\$186,776
H+R BLOCK INC	\$733,559
HACKETT GROUP INC/THE	\$64,899
HAEMONETICS CORP/MASS	\$506,506
HAGERTY INC A	\$26,803
HAIN CELESTIAL GROUP INC	\$183,627
HALLIBURTON CO	\$3,021,490
HALOZYME THERAPEUTICS INC	\$982,891
HAMILTON LANE INC CLASS A	\$286,182
HANCOCK WHITNEY CORP	\$531,274
HANESBRANDS INC	\$278,218
HANMI FINANCIAL CORPORATION	\$38,759
HANNON ARMSTRONG SUSTAINABLE	\$319,852
HANOVER INSURANCE GROUP INC/	\$622,409
HARBORONE BANCORP INC	\$103,499
HARLEY DAVIDSON INC	\$726,253
HARMONIC INC	\$173,248
HARMONY BIOSCIENCES HOLDINGS	\$164,749
HARSCO CORP	\$61,126
HARTFORD FINANCIAL SVCS GRP	\$2,082,974
HASBRO INC	\$680,994
HAVERTY FURNITURE	\$56,750
HAWAIIAN ELECTRIC INDS	\$589,918
HAWAIIAN HOLDINGS INC	\$15,205
HAWKINS INC	\$92,794
HAYNES INTERNATIONAL INC	\$68,444
HAYWARD HOLDINGS INC	\$90,531
HBT FINANCIAL INC/DE	\$26,146
HCA HEALTHCARE INC	\$4,683,299

HCI GROUP INC	\$44,499
HEALTH CATALYST INC	\$66,512
HEALTHCARE REALTY TRUST INC	\$625,292
HEALTHCARE SERVICES GROUP	\$115,404
HEALTHEQUITY INC	\$653,877
HEALTHPEAK PROPERTIES INC	\$1,152,092
HEALTHSTREAM INC	\$78,395
HEARTLAND EXPRESS INC	\$114,989
HEARTLAND FINANCIAL USA INC	\$273,193
HECLA MINING CO	\$392,797
HEICO CORP	\$559,557
HEICO CORP CLASS A	\$748,104
HEIDRICK + STRUGGLES INTL	\$70,037
HELEN OF TROY LTD	\$334,726
HELIOGEN INC	\$8,843
HELIOS TECHNOLOGIES INC	\$224,293
HELIX ENERGY SOLUTIONS GROUP	\$134,242
HELMERICH + PAYNE	\$657,744
HENRY SCHEIN INC	\$935,038
HERBALIFE NUTRITION LTD	\$179,944
HERC HOLDINGS INC	\$396,815
HERITAGE COMMERCE CORP	\$121,329
HERITAGE CRYSTAL CLEAN INC	\$63,856
HERITAGE FINANCIAL CORP	\$101,847
HERON THERAPEUTICS INC	\$32,318
HERSHEY CO/THE	\$2,878,647
HERTZ GLOBAL HLDGS INC	\$349,784
HESKA CORP	\$80,124
HESS CORP	\$3,364,254
HESS MIDSTREAM LP CLASS A	\$167,462
HEWLETT PACKARD ENTERPRISE	\$1,767,027
HEXCEL CORP	\$624,810
HF SINCLAIR CORP	\$721,790
HIBBETT INC	\$105,605
HIGHWOODS PROPERTIES INC	\$373,393
HILLENBRAND INC	\$371,314
HILLEVAX INC	\$23,706
HILLMAN SOLUTIONS CORP	\$88,661
HILLTOP HOLDINGS INC	\$211,871
HILTON GRAND VACATIONS INC	\$424,788
HILTON WORLDWIDE HOLDINGS IN	\$2,963,521

HIMS + HERS HEALTH INC	\$98,938
HINGHAM INSTITUTION FOR SVGS	\$54,640
HIPPO HOLDINGS INC	\$22,086
HIRERIGHT HOLDINGS CORP	\$34,691
HNI CORP	\$154,062
HOLLEY INC	\$11,217
HOLOGIC INC	\$1,589,563
HOME BANCSHARES INC	\$581,738
HOME DEPOT INC	\$27,481,083
HOMESTREET INC	\$51,740
HONEST CO INC/THE	\$18,117
HONEYWELL INTERNATIONAL INC	\$12,257,317
HOPE BANCORP INC	\$147,097
HORACE MANN EDUCATORS	\$143,501
HORIZON BANCORP INC/IN	\$81,658
HORIZON THERAPEUTICS PLC	\$2,099,724
HORMEL FOODS CORP	\$1,158,792
HOST HOTELS + RESORTS INC	\$968,056
HOSTESS BRANDS INC	\$383,634
HOULIHAN LOKEY INC	\$545,709
HOWARD HUGHES CORP/THE	\$360,550
HOWMET AEROSPACE INC	\$1,250,913
HP INC	\$2,380,494
HUB GROUP INC CL A	\$329,963
HUBBELL INC	\$1,075,773
HUBSPOT INC	\$1,129,920
HUDSON PACIFIC PROPERTIES IN	\$173,175
HUMACYTE INC	\$14,880
HUMANA INC	\$5,495,799
HUNT (JB) TRANSPRT SVCS INC	\$1,239,700
HUNTINGTON BANCSHARES INC	\$1,725,177
HUNTINGTON INGALLS INDUSTRIE	\$786,619
HUNTSMAN CORP	\$595,134
HURON CONSULTING GROUP INC	\$190,938
HYATT HOTELS CORP CL A	\$572,368
HYLIION HOLDINGS CORP	\$31,777
HYSTER YALE MATERIALS	\$29,916
HYZON MOTORS INC	\$13,818
I3 VERTICALS INC CLASS A	\$66,278
IAA INC	\$672,920
IAC INC	\$440,004

ICF INTERNATIONAL INC	\$235,145
ICHOR HOLDINGS LTD	\$97,947
ICU MEDICAL INC	\$401,889
IDACORP INC	\$701,888
IDEAYA BIOSCIENCES INC	\$88,906
IDEX CORP	\$1,468,162
IDEXX LABORATORIES INC	\$2,894,884
IDT CORP CLASS B	\$71,017
IES HOLDINGS INC	\$41,048
IGM BIOSCIENCES INC	\$20,463
IHEARTMEDIA INC CLASS A	\$87,469
ILLINOIS TOOL WORKS	\$5,802,261
ILLUMINA INC	\$2,699,370
IMAGO BIOSCIENCES INC	\$59,965
IMAX CORP	\$82,301
IMMUNITYBIO INC	\$75,888
IMMUNOGEN INC	\$124,392
IMMUNOVANT INC	\$89,922
IMPINJ INC	\$298,607
INARI MEDICAL INC	\$341,381
INCYTE CORP	\$1,281,827
INDEPENDENCE REALTY TRUST IN	\$470,428
INDEPENDENT BANK CORP MICH	\$84,509
INDEPENDENT BANK CORP/MA	\$376,811
INDEPENDENT BANK GROUP INC	\$282,316
INDIE SEMICONDUCTOR INC A	\$53,333
INDUS REALTY TRUST INC	\$29,205
INDUSTRIAL LOGISTICS PROPERT	\$25,810
INFINERA CORP	\$166,498
INFORMATICA INC CLASS A	\$74,315
INGERSOLL RAND INC	\$1,796,407
INGEVITY CORP	\$336,633
INGLES MARKETS INC CLASS A	\$168,901
INGREDION INC	\$808,902
INHIBRX INC	\$71,752
INNOSPEC INC	\$320,100
INNOVATIVE INDUSTRIAL PROPER	\$357,157
INNOVID CORP	\$14,357
INNOVIVA INC	\$103,403
INOGEN INC	\$54,951
INOTIV INC	\$11,792

INOVIO PHARMACEUTICALS INC	\$49,358
INSIGHT ENTERPRISES INC	\$446,202
INSMED INC	\$335,944
INSPERITY INC	\$516,653
INSPIRE MEDICAL SYSTEMS INC	\$911,554
INSTALLED BUILDING PRODUCTS	\$264,333
INSTEEL INDUSTRIES INC	\$69,268
INSULET CORP	\$1,736,018
INTAPP INC	\$41,550
INTEGER HOLDINGS CORP	\$285,615
INTEGRA LIFESCIENCES HOLDING	\$529,749
INTEL CORP	\$9,223,013
INTELLIA THERAPEUTICS INC	\$300,647
INTER PARFUMS INC	\$232,806
INTERACTIVE BROKERS GRO CL A	\$889,254
INTERCEPT PHARMACEUTICALS IN	\$51,768
INTERCONTINENTAL EXCHANGE IN	\$4,863,894
INTERDIGITAL INC	\$187,381
INTERFACE INC	\$72,367
INTERNATIONAL BANCSHARES CRP	\$345,076
INTERNATIONAL MONEY EXPRESS	\$98,138
INTERNATIONAL PAPER CO	\$1,017,256
INTERNATIONAL SEAWAYS INC	\$174,327
INTERPUBLIC GROUP OF COS INC	\$1,102,861
INTL BUSINESS MACHINES CORP	\$10,815,280
INTL FLAVORS + FRAGRANCES	\$2,268,947
INTRA CELLULAR THERAPIES INC	\$565,450
INTREPID POTASH INC	\$38,744
INTUIT INC	\$8,847,360
INTUITIVE SURGICAL INC	\$8,063,987
INVENTRUST PROPERTIES CORP	\$201,337
INVESCO LTD	\$519,012
INVESCO MORTGAGE CAPITAL	\$53,555
INVITAE CORP	\$51,384
INVITATION HOMES INC	\$1,535,500
IONIS PHARMACEUTICALS INC	\$606,284
IONQ INC	\$56,552
IOVANCE BIOTHERAPEUTICS INC	\$97,837
IPG PHOTONICS CORP	\$423,932
IQVIA HOLDINGS INC	\$3,266,561
IRHYTHM TECHNOLOGIES INC	\$353,792

IRIDIUM COMMUNICATIONS INC	\$738,310
IROBOT CORP	\$165,375
IRON MOUNTAIN INC	\$1,227,855
IRONWOOD PHARMACEUTICALS INC	\$216,144
ISHARES CORE S+P 500 ETF	\$124,541,672
ISHARES CORE S+P MID CAP ETF	\$17,574,518
ISHARES CORE S+P SMALL CAP ETF	\$74,875,761
ISHARES CORE S+P TOTAL US STOC	\$166,715,104
ISTAR INC	\$83,228
ITEOS THERAPEUTICS INC	\$47,536
ITRON INC	\$289,212
ITT INC	\$845,954
IVERIC BIO INC	\$307,062
J + J SNACK FOODS CORP	\$307,205
JABIL INC	\$1,178,155
JACK HENRY + ASSOCIATES INC	\$1,086,190
JACK IN THE BOX INC	\$179,991
JACKSON FINANCIAL INC A	\$224,152
JACOBS SOLUTIONS INC	\$1,299,878
JAMES RIVER GROUP HOLDINGS L	\$73,394
JAMF HOLDING CORP	\$97,533
JANUS HENDERSON GROUP PLC	\$420,491
JANUS INTERNATIONAL GROUP IN	\$94,238
JAZZ PHARMACEUTICALS PLC	\$842,591
JBG SMITH PROPERTIES	\$253,326
JEFFERIES FINANCIAL GROUP IN	\$805,237
JELD WEN HOLDING INC	\$104,220
JETBLUE AIRWAYS CORP	\$66,349
JFROG LTD	\$135,936
JM SMUCKER CO/THE	\$1,437,866
JOBY AVIATION INC	\$64,015
JOHN B. SANFILIPPO + SON INC	\$92,786
JOHN BEAN TECHNOLOGIES CORP	\$366,325
JOHNSON + JOHNSON	\$39,467,143
JOHNSON CONTROLS INTERNATION	\$3,729,728
JOHNSON OUTDOORS INC A	\$46,020
JONES LANG LASALLE INC	\$962,754
JPMORGAN CHASE + CO	\$33,408,065
JUNIPER NETWORKS INC	\$870,111
KADANT INC	\$260,583
KAISER ALUMINUM CORP	\$152,756

KAMAN CORP	\$70,959
KAR AUCTION SERVICES INC	\$189,956
KARUNA THERAPEUTICS INC	\$661,026
KARYOPHARM THERAPEUTICS INC	\$29,305
KB HOME	\$313,308
KBR INC	\$922,838
KEARNY FINANCIAL CORP/MD	\$90,711
KELLOGG CO	\$1,533,441
KELLY SERVICES INC A	\$72,687
KEMPER CORP	\$399,406
KENNAMETAL INC	\$233,550
KENNEDY WILSON HOLDINGS INC	\$245,766
KEROS THERAPEUTICS INC	\$93,639
KEURIG DR PEPPER INC	\$2,362,903
KEYCORP	\$1,381,911
KEYSIGHT TECHNOLOGIES IN	\$2,621,990
KEZAR LIFE SCIENCES INC	\$45,577
KFORCE INC	\$140,803
KILROY REALTY CORP	\$512,726
KIMBALL ELECTRONICS INC	\$68,877
KIMBELL ROYALTY PARTNERS LP	\$115,614
KIMBERLY CLARK CORP	\$3,886,930
KIMCO REALTY CORP	\$1,122,688
KINDER MORGAN INC	\$3,125,652
KINETIK HOLDINGS INC	\$77,242
KINIKSA PHARMACEUTICALS A	\$59,560
KINSALE CAPITAL GROUP INC	\$719,180
KIRBY CORP	\$124,131
KITE REALTY GROUP TRUST	\$578,938
KKR + CO INC	\$2,210,195
KKR REAL ESTATE FINANCE TRUS	\$91,257
KLA CORP	\$4,518,328
KNIGHT SWIFT TRANSPORTATION	\$688,143
KNOWBE4 INC A	\$235,757
KNOWLES CORP	\$193,805
KODIAK SCIENCES INC	\$30,709
KOHL'S CORP	\$407,990
KONTOOR BRANDS INC	\$252,577
KOPPERS HOLDINGS INC	\$72,700
KORN FERRY	\$348,671
KOSMOS ENERGY LTD	\$363,722

KRAFT HEINZ CO/THE	\$2,538,879
KRATOS DEFENSE + SECURITY	\$164,955
KRISPY KREME INC	\$85,666
KROGER CO	\$2,592,907
KRONOS WORLDWIDE INC	\$26,583
KRYSTAL BIOTECH INC	\$179,196
KULICKE + SOFFA INDUSTRIES	\$323,629
KURA ONCOLOGY INC	\$89,662
KURA SUSHI USA INC CLASS A	\$25,795
KYMERA THERAPEUTICS INC	\$107,777
KYNDRYL HOLDINGS INC	\$254,214
L3HARRIS TECHNOLOGIES INC	\$3,396,322
LA Z BOY INC	\$124,392
LABORATORY CRP OF AMER HLDGS	\$1,789,413
LADDER CAPITAL CORP REIT	\$145,911
LAKELAND BANCORP INC	\$156,571
LAKELAND FINANCIAL CORP	\$227,447
LAM RESEARCH CORP	\$4,917,090
LAMAR ADVERTISING CO A	\$1,032,170
LAMB WESTON HOLDINGS INC	\$1,101,094
LANCASTER COLONY CORP	\$478,255
LANDS END INC	\$12,577
LANDSTAR SYSTEM INC	\$749,503
LANTHEUS HOLDINGS INC	\$440,396
LAS VEGAS SANDS CORP	\$1,411,191
LATHAM GROUP INC	\$21,287
LATTICE SEMICONDUCTOR CORP	\$1,120,478
LAUREATE EDUCATION INC	\$169,581
LCI INDUSTRIES	\$295,378
LEAR CORP	\$638,455
LEGGETT + PLATT INC	\$536,307
LEIDOS HOLDINGS INC	\$1,151,936
LEMAITRE VASCULAR INC	\$114,912
LEMONADE INC	\$79,645
LENDINGCLUB CORP	\$116,098
LENDINGTREE INC	\$31,120
LENNAR CORP A	\$1,969,461
LENNOX INTERNATIONAL INC	\$645,921
LESLIE S INC	\$238,046
LEVI STRAUSS + CO CLASS A	\$181,817
LEXICON PHARMACEUTICALS INC	\$16,585

LGI HOMES INC	\$245,112
LHC GROUP INC	\$599,870
LIBERTY BROADBAND C	\$804,801
LIBERTY ENERGY INC	\$263,429
LIBERTY GLOBAL PLC C	\$440,595
LIBERTY GLOBAL PLC A	\$268,352
LIBERTY LATIN AMERIC CL A	\$38,395
LIBERTY LATIN AMERIC CL C	\$140,623
LIBERTY MEDIA COR SIRIUSXM A	\$240,734
LIBERTY MEDIA COR SIRIUSXM C	\$550,403
LIBERTY MEDIA CORP BRAVES A	\$32,801
LIBERTY MEDIA CORP BRAVES C	\$158,185
LIBERTY MEDIA CORP LIBERTY C	\$991,093
LIFE STORAGE INC	\$1,044,888
LIFE TIME GROUP HOLDINGS INC	\$41,908
LIGAND PHARMACEUTICALS	\$142,551
LIGHT + WONDER INC	\$660,012
LIGHTWAVE LOGIC INC	\$60,685
LINCOLN ELECTRIC HOLDINGS	\$997,559
LINCOLN NATIONAL CORP	\$419,758
LINDBLAD EXPEDITIONS HOLDING	\$33,680
LINDE PLC	\$13,802,307
LINDSAY CORP	\$224,896
LIONS GATE ENTERTAINMENT A	\$44,492
LIONS GATE ENTERTAINMENT B	\$84,990
LIQUIDITY SERVICES INC	\$51,980
LITHIA MOTORS INC	\$709,219
LITTELFUSE INC	\$685,483
LIVANOVA PLC	\$375,006
LIVE NATION ENTERTAINMENT IN	\$1,025,457
LIVE OAK BANCSHARES INC	\$131,340
LIVENT CORP	\$447,830
LIVEPERSON INC	\$93,511
LIVERAMP HOLDINGS INC	\$197,271
LKQ CORP	\$1,164,926
LOCKHEED MARTIN CORP	\$9,872,342
LOEWS CORP	\$1,024,975
LORDSTOWN MOTORS CORP CL A	\$23,454
LOUISIANA PACIFIC CORP	\$551,862
LOVESAC CO/THE	\$39,992
LOWE S COS INC	\$10,507,918

LPL FINANCIAL HOLDINGS INC	\$1,462,606
LSB INDUSTRIES INC	\$85,187
LTC PROPERTIES INC	\$181,736
LUCID GROUP INC	\$242,164
LULULEMON ATHLETICA INC	\$3,144,209
LUMEN TECHNOLOGIES INC	\$412,281
LUMENTUM HOLDINGS INC	\$446,836
LUMINAR TECHNOLOGIES INC	\$129,898
LUTHER BURBANK CORP	\$35,619
LUXFER HOLDINGS PLC	\$48,322
LXP INDUSTRIAL TRUST	\$350,910
LYFT INC A	\$429,240
LYONDELLBASELL INDU CL A	\$1,843,183
M + T BANK CORP	\$2,185,039
M/I HOMES INC	\$160,198
MACERICH CO/THE	\$304,155
MACOM TECHNOLOGY SOLUTIONS H	\$387,201
MACY S INC	\$703,835
MADISON SQUARE GARDEN ENTERT	\$142,645
MADISON SQUARE GARDEN SPORTS	\$343,194
MADRIGAL PHARMACEUTICALS INC	\$451,339
MAGNACHIP SEMICONDUCTOR CORP	\$54,077
MAGNITE INC	\$159,687
MAGNOLIA OIL + GAS CORP A	\$501,549
MALIBU BOATS INC A	\$137,781
MANHATTAN ASSOCIATES INC	\$956,632
MANITOWOC COMPANY INC	\$39,507
MANNKIND CORP	\$161,726
MANPOWERGROUP INC	\$547,439
MARATHON DIGITAL HOLDINGS IN	\$47,959
MARATHON OIL CORP	\$1,556,985
MARATHON PETROLEUM CORP	\$4,926,672
MARAVAI LIFESCIENCES HLDGS A	\$203,274
MARCUS + MILLICHAP INC	\$113,478
MARCUS CORPORATION	\$39,745
MARINEMAX INC	\$80,423
MARKEL CORP	\$1,509,844
MARKETAXESS HOLDINGS INC	\$903,325
MARKFORGED HOLDING CORP	\$10,805
MARQETA INC A	\$291,490
MARRIOTT INTERNATIONAL CL A	\$3,501,744

MARRIOTT VACATIONS WORLD	\$636,745
MARSH + MCLENNAN COS	\$7,029,590
MARTEN TRANSPORT LTD	\$160,040
MARTIN MARIETTA MATERIALS	\$1,790,903
MARVELL TECHNOLOGY INC	\$2,678,140
MASCO CORP	\$877,023
MASIMO CORP	\$650,240
MASONITE INTERNATIONAL CORP	\$214,826
MASTEC INC	\$668,731
MASTERBRAND INC	\$122,725
MASTERCARD INC A	\$25,498,693
MATADOR RESOURCES CO	\$850,300
MATCH GROUP INC	\$1,002,315
MATERION CORP	\$226,038
MATIV HOLDINGS INC	\$145,088
MATSON INC	\$75,887
MATTEL INC	\$791,043
MATTERPORT INC	\$77,353
MATTHEWS INTL CORP CLASS A	\$110,010
MAXAR TECHNOLOGIES INC	\$485,269
MAXCYTE INC	\$48,174
MAXIMUS INC	\$561,854
MAXLINEAR INC	\$317,840
MBIA INC	\$77,910
MCCORMICK + CO NON VTG SHRS	\$1,760,749
MCDONALD S CORP	\$16,498,823
MCGRATH RENTCORP	\$302,046
MCKESSON CORP	\$4,577,964
MDC HOLDINGS INC	\$227,172
MDU RESOURCES GROUP INC	\$779,192
MEDIAALPHA INC CLASS A	\$30,129
MEDICAL PROPERTIES TRUST INC	\$561,835
MEDIFAST INC	\$159,529
MEDPACE HOLDINGS INC	\$664,843
MEDTRONIC PLC	\$8,779,096
MEIRAGTX HOLDINGS PLC	\$22,070
MERCADOLIBRE INC	\$3,253,793
MERCANTILE BANK CORP	\$87,282
MERCER INTERNATIONAL INC	\$61,017
MERCHANTS BANCORP/IN	\$65,494
MERCK + CO. INC.	\$23,886,426

MERCURY GENERAL CORP	\$125,001
MERCURY SYSTEMS INC	\$292,421
MERIDIAN BIOSCIENCE INC	\$183,120
MERIDIANLINK INC	\$35,176
MERIT MEDICAL SYSTEMS INC	\$503,874
MERITAGE HOMES CORP	\$426,517
MERSANA THERAPEUTICS INC	\$56,121
MERUS NV	\$58,059
MESA LABORATORIES INC	\$111,693
META MATERIALS INC	\$48,722
META PLATFORMS INC CLASS A	\$23,325,141
METHODE ELECTRONICS INC	\$207,518
METLIFE INC	\$4,165,400
METROCITY BANKSHARES INC	\$52,842
METROPOLITAN BANK HOLDING CO	\$81,258
METTLER TOLEDO INTERNATIONAL	\$2,778,155
MFA FINANCIAL INC	\$116,594
MGE ENERGY INC	\$328,205
MGIC INVESTMENT CORP	\$502,684
MGM RESORTS INTERNATIONAL	\$888,646
MGP INGREDIENTS INC	\$176,378
MICROCHIP TECHNOLOGY INC	\$3,307,019
MICRON TECHNOLOGY INC	\$4,708,116
MICROSOFT CORP	\$144,404,256
MICROSTRATEGY INC CL A	\$166,769
MICROVAST HOLDINGS INC	\$22,314
MICROVISION INC	\$47,096
MID AMERICA APARTMENT COMM	\$1,538,659
MID PENN BANCORP INC	\$60,479
MIDDLEBY CORP	\$860,441
MIDDLESEX WATER CO	\$128,783
MIDLAND STATES BANCORP INC	\$80,446
MIDWESTONE FINANCIAL GROUP I	\$74,359
MILLERKNOLL INC	\$201,927
MIMEDX GROUP INC	\$24,898
MINERALS TECHNOLOGIES INC	\$253,688
MIRATI THERAPEUTICS INC	\$222,019
MIRION TECHNOLOGIES INC	\$108,424
MIRUM PHARMACEUTICALS INC	\$47,307
MISSION PRODUCE INC	\$60,389
MISTER CAR WASH INC	\$87,436

MITEK SYSTEMS INC	\$53,198
MKS INSTRUMENTS INC	\$637,678
MODEL N INC	\$172,583
MODERNA INC	\$5,076,241
MODINE MANUFACTURING CO	\$117,571
MODIVCARE INC	\$139,710
MOELIS + CO CLASS A	\$311,910
MOHAWK INDUSTRIES INC	\$445,475
MOLINA HEALTHCARE INC	\$1,642,514
MOLSON COORS BEVERAGE CO B	\$811,131
MOMENTIVE GLOBAL INC	\$112,091
MONARCH CASINO + RESORT INC	\$136,941
MONDELEZ INTERNATIONAL INC A	\$7,748,596
MONEYGRAM INTERNATIONAL INC	\$119,899
MONGODB INC	\$1,135,373
MONOLITHIC POWER SYSTEMS INC	\$1,324,977
MONRO INC	\$186,586
MONSTER BEVERAGE CORP	\$3,414,454
MONTAUK RENEWABLES INC	\$91,428
MONTE ROSA THERAPEUTICS INC	\$15,578
MONTROSE ENVIRONMENTAL GROUP	\$133,259
MOODY S CORP	\$3,915,447
MOOG INC CLASS A	\$319,622
MORGAN STANLEY	\$9,296,342
MORNINGSTAR INC	\$693,738
MORPHIC HOLDING INC	\$71,262
MOSAIC CO/THE	\$1,275,433
MOTOROLA SOLUTIONS INC	\$3,658,451
MOVADO GROUP INC	\$65,532
MP MATERIALS CORP	\$243,941
MR COOPER GROUP INC	\$343,031
MRC GLOBAL INC	\$123,975
MSA SAFETY INC	\$674,377
MSC INDUSTRIAL DIRECT CO A	\$487,504
MSCI INC	\$3,190,601
MUELLER INDUSTRIES INC	\$377,659
MUELLER WATER PRODUCTS INC A	\$212,402
MULTIPLAN CORP	\$28,403
MURPHY OIL CORP	\$800,115
MURPHY USA INC	\$778,519
MYERS INDUSTRIES INC	\$89,076

MYOVANT SCIENCES LTD	\$148,577
MYR GROUP INC/DELAWARE	\$192,703
MYRIAD GENETICS INC	\$147,146
N ABL E INC	\$56,982
N B T BANCORP INC	\$182,625
NABORS INDUSTRIES LTD	\$175,003
NANOSTRING TECHNOLOGIES INC	\$41,492
NAPCO SECURITY TECHNOLOGIES	\$110,442
NASDAQ INC	\$1,801,972
NATERA INC	\$520,563
NATIONAL BANK HOLD CL A	\$176,273
NATIONAL BEVERAGE CORP	\$135,263
NATIONAL FUEL GAS CO	\$694,085
NATIONAL HEALTHCARE CORP	\$108,647
NATIONAL INSTRUMENTS CORP	\$613,905
NATIONAL PRESTO INDS INC	\$49,428
NATIONAL RESEARCH CORP	\$71,579
NATIONAL RETAIL PROPERTIES	\$1,019,716
NATIONAL STORAGE AFFILIATES	\$394,936
NATIONAL VISION HOLDINGS INC	\$385,391
NATIONAL WESTERN LIFE GROU A	\$92,168
NATL HEALTH INVESTORS INC	\$297,393
NAVIENT CORP	\$295,936
NAVITAS SEMICONDUCTOR CORP	\$29,888
NCINO INC	\$183,626
NCR CORPORATION	\$404,572
NECESSITY RETAIL REIT INC/TH	\$98,930
NEKTAR THERAPEUTICS	\$53,519
NELNET INC CL A	\$166,617
NEOGEN CORP	\$414,926
NEOGENOMICS INC	\$139,441
NETAPP INC	\$1,127,747
NETFLIX INC	\$11,145,579
NETGEAR INC	\$62,824
NETSCOUT SYSTEMS INC	\$292,818
NETSTREIT CORP	\$116,982
NEUROCRINE BIOSCIENCES INC	\$976,422
NEVRO CORP	\$168,498
NEW FORTRESS ENERGY INC	\$223,384
NEW JERSEY RESOURCES CORP	\$605,612
NEW RELIC INC	\$430,262

NEW YORK COMMUNITY BANCORP	\$692,137
NEW YORK MORTGAGE TRUST INC	\$117,391
NEW YORK TIMES CO A	\$676,856
NEWELL BRANDS INC	\$429,390
NEWMARK GROUP INC CLASS A	\$160,277
NEWMARKET CORP	\$295,243
NEWMONT CORP	\$3,180,478
NEWS CORP CLASS A	\$592,319
NEXPOINT RESIDENTIAL	\$127,601
NEXSTAR MEDIA GROUP INC	\$855,897
NEXTDECADE CORP	\$29,388
NEXTDOOR HOLDINGS INC	\$23,931
NEXTERA ENERGY INC	\$13,960,448
NEXTERA ENERGY PARTNERS LP	\$743,585
NEXTGEN HEALTHCARE INC	\$137,282
NEXTIER OILFIELD SOLUTIONS I	\$226,574
NEXTNAV INC	\$11,269
NGM BIOPHARMACEUTICALS INC	\$16,697
NICOLET BANKSHARES INC	\$141,388
NIKE INC CL B	\$12,577,873
NIKOLA CORP	\$86,791
NISOURCE INC	\$954,134
NKARTA INC	\$21,947
NLIGHT INC	\$56,967
NMI HOLDINGS INC CLASS A	\$218,656
NOBLE CORP PLC	\$476,390
NORDSON CORP	\$1,035,746
NORDSTROM INC	\$227,058
NORFOLK SOUTHERN CORP	\$4,898,830
NORTHERN OIL AND GAS INC	\$259,381
NORTHERN TRUST CORP	\$1,487,428
NORTHFIELD BANCORP INC	\$87,742
NORTHROP GRUMMAN CORP	\$6,823,399
NORTHWEST BANCSHARES INC	\$158,701
NORTHWEST NATURAL HOLDING CO	\$214,678
NORTHWESTERN CORP	\$425,824
NORWEGIAN CRUISE LINE HOLDIN	\$649,112
NOV INC	\$1,032,196
NOVANTA INC	\$608,290
NOVAVAX INC	\$99,726
NOVOCURE LTD	\$595,675

NOW INC	\$179,146
NRG ENERGY INC	\$635,891
NU SKIN ENTERPRISES INC A	\$270,119
NUCOR CORP	\$2,953,994
NURIX THERAPEUTICS INC	\$49,860
NUSCALE POWER CORP	\$21,567
NUTANIX INC A	\$735,001
NUTEX HEALTH INC	\$74,130
NUVALENT INC A	\$63,997
NUVASIVE INC	\$270,699
NUVATION BIO INC	\$26,684
NV5 GLOBAL INC	\$218,725
NVENT ELECTRIC PLC	\$806,793
NVIDIA CORP	\$30,935,061
NVR INC	\$1,226,946
NXP SEMICONDUCTORS NV	\$3,526,597
O I GLASS INC	\$324,126
O REILLY AUTOMOTIVE INC	\$4,540,881
OAK STREET HEALTH INC	\$294,730
OCCIDENTAL PETROLEUM CORP	\$4,995,989
OCEANEERING INTL INC	\$223,400
OCEANFIRST FINANCIAL CORP	\$180,328
OCUGEN INC	\$36,433
ODP CORP/THE	\$251,426
OFFICE PROPERTIES INCOME TRU	\$83,411
OFG BANCORP	\$127,437
OGE ENERGY CORP	\$1,013,192
OKTA INC	\$870,388
OLD DOMINION FREIGHT LINE	\$2,303,442
OLD NATIONAL BANCORP	\$686,908
OLD REPUBLIC INTL CORP	\$911,204
OLD SECOND BANCORP INC	\$79,526
OLIN CORP	\$919,991
OLLIE S BARGAIN OUTLET HOLDI	\$331,908
OLO INC CLASS A	\$72,756
OMEGA FLEX INC	\$38,261
OMEGA HEALTHCARE INVESTORS	\$822,596
OMNIAB INC	\$36,108
OMNICELL INC	\$281,092
OMNICOM GROUP	\$1,424,783
ON SEMICONDUCTOR	\$2,295,590

ON24 INC	\$28,583
ONE GAS INC	\$522,089
ONE LIBERTY PROPERTIES INC	\$47,417
ONEMAIN HOLDINGS INC	\$495,453
ONEOK INC	\$2,493,118
ONESPAN INC	\$46,371
ONESPAWORLD HOLDINGS LTD	\$80,471
ONTO INNOVATION INC	\$424,882
OPEN LENDING CORP CL A	\$87,953
OPENDOOR TECHNOLOGIES INC	\$60,734
OPKO HEALTH INC	\$78,395
OPTIMIZERX CORP	\$37,145
OPTION CARE HEALTH INC	\$549,564
ORACLE CORP	\$11,103,807
ORASURE TECHNOLOGIES INC	\$41,341
ORGANOGENESIS HOLDINGS INC	\$17,854
ORGANON + CO	\$893,900
ORIGIN BANCORP INC	\$121,514
ORIGIN MATERIALS INC	\$62,198
ORION ENGINEERED CARBONS SA	\$136,157
ORION OFFICE REIT INC	\$58,798
ORMAT TECHNOLOGIES INC	\$489,131
ORTHOFIX MEDICAL INC	\$49,169
ORTHOPEDIATRICS CORP	\$68,495
OSCAR HEALTH INC CLASS A	\$12,908
OSHKOSH CORP	\$727,391
OSI SYSTEMS INC	\$159,835
OTIS WORLDWIDE CORP	\$2,794,179
OTTER TAIL CORP	\$277,933
OUTFRONT MEDIA INC	\$278,809
OUTSET MEDICAL INC	\$132,018
OVERSTOCK.COM INC	\$112,094
OVINTIV INC	\$1,104,007
OWENS + MINOR INC	\$178,192
OWENS CORNING	\$705,602
OXFORD INDUSTRIES INC	\$180,583
P G + E CORP	\$2,065,882
P.A.M. TRANSPORTATION SVCS	\$20,254
PACCAR INC	\$2,919,714
PACIFIC BIOSCIENCES OF CALIF	\$221,850
PACIFIC PREMIER BANCORP INC	\$289,500

PACIRA BIOSCIENCES INC	\$223,513
PACKAGING CORP OF AMERICA	\$1,016,885
PACTIV EVERGREEN INC	\$60,856
PACWEST BANCORP	\$362,472
PAGERDUTY INC	\$266,291
PALANTIR TECHNOLOGIES INC A	\$907,037
PALO ALTO NETWORKS INC	\$3,537,897
PALOMAR HOLDINGS INC	\$145,280
PAPA JOHN S INTL INC	\$346,360
PAR PACIFIC HOLDINGS INC	\$150,590
PAR TECHNOLOGY CORP/DEL	\$87,752
PARAGON 28 INC	\$63,426
PARAMOUNT GLOBAL CLASS B	\$867,818
PARAMOUNT GROUP INC	\$135,848
PARK HOTELS + RESORTS INC	\$334,600
PARK NATIONAL CORP	\$284,878
PARKER HANNIFIN CORP	\$3,165,498
PARSONS CORP	\$210,438
PATHWARD FINANCIAL INC	\$110,423
PATRICK INDUSTRIES INC	\$166,347
PATTERSON COS INC	\$308,750
PATTERSON UTI ENERGY INC	\$459,210
PAYA HOLDINGS INC	\$82,485
PAYCHEX INC	\$3,182,291
PAYCOM SOFTWARE INC	\$1,352,331
PAYCOR HCM INC	\$107,815
PAYLOCITY HOLDING CORP	\$690,206
PAYMENTUS HOLDINGS INC A	\$17,117
PAYONEER GLOBAL INC	\$143,073
PAYPAL HOLDINGS INC	\$6,649,455
PBF ENERGY INC CLASS A	\$500,656
PC CONNECTION INC	\$71,241
PDC ENERGY INC	\$771,599
PDF SOLUTIONS INC	\$107,863
PEABODY ENERGY CORP	\$382,879
PEAPACK GLADSTONE FINL CORP	\$96,660
PEBBLEBROOK HOTEL TRUST	\$222,756
PEDIATRIX MEDICAL GROUP INC	\$150,770
PEGASYSTEMS INC	\$177,363
PELTON INTERACTIVE INC A	\$292,748
PENN ENTERTAINMENT INC	\$596,257

PENNANT GROUP INC/THE	\$35,696
PENNYMAC FINANCIAL SERVICES	\$327,438
PENNYMAC MORTGAGE INVESTMENT	\$140,899
PENSKE AUTOMOTIVE GROUP INC	\$426,735
PENTAIR PLC	\$620,544
PENUMBRA INC	\$1,007,076
PEOPLES BANCORP INC	\$125,345
PEPSICO INC	\$21,184,734
PERDOCEO EDUCATION CORP	\$117,052
PERELLA WEINBERG PARTNERS	\$56,526
PERFICIENT INC	\$303,900
PERFORMANCE FOOD GROUP CO	\$1,141,233
PERIMETER SOLUTIONS SA	\$166,723
PERKINELMER INC	\$1,504,140
PERMIAN RESOURCES CORP	\$236,307
PERRIGO CO PLC	\$578,235
PETCO HEALTH AND WELLNESS CO	\$106,214
PETMED EXPRESS INC	\$44,728
PFIZER INC	\$24,440,148
PGT INNOVATIONS INC	\$136,532
PHATHOM PHARMACEUTICALS INC	\$25,986
PHIBRO ANIMAL HEALTH CORP A	\$32,868
PHILIP MORRIS INTERNATIONAL	\$13,317,617
PHILLIPS 66	\$4,249,899
PHILLIPS EDISON + COMPANY IN	\$466,042
PHOTRONICS INC	\$130,618
PHREESIA INC	\$203,350
PHYSICIANS REALTY TRUST	\$410,094
PIEDMONT LITHIUM INC	\$99,881
PIEDMONT OFFICE REALTY TRU A	\$145,317
PILGRIM S PRIDE CORP	\$143,139
PINNACLE FINANCIAL PARTNERS	\$726,366
PINNACLE WEST CAPITAL	\$1,088,665
PINTEREST INC CLASS A	\$1,187,535
PIONEER NATURAL RESOURCES CO	\$4,395,366
PIPER SANDLER COS	\$286,939
PITNEY BOWES INC	\$46,478
PJT PARTNERS INC A	\$214,069
PLAINS GP HOLDINGS LP CL A	\$306,671
PLANET FITNESS INC CL A	\$834,256
PLANET LABS PBC	\$89,427

PLAYA HOTELS + RESORTS NV	\$105,525
PLAYSTUDIOS INC	\$39,231
PLAYTIKA HOLDING CORP	\$76,011
PLEXUS CORP	\$356,755
PLIANT THERAPEUTICS INC	\$88,647
PLUG POWER INC	\$547,880
PLYMOUTH INDUSTRIAL REIT INC	\$99,084
PMV PHARMACEUTICALS INC	\$20,680
PNC FINANCIAL SERVICES GROUP	\$5,492,521
PNM RESOURCES INC	\$503,025
POINT BIOPHARMA GLOBAL INC	\$58,830
POLARIS INC	\$717,302
POOL CORP	\$1,020,666
POPULAR INC	\$645,095
PORTILLO S INC CL A	\$83,428
PORTLAND GENERAL ELECTRIC CO	\$549,976
POSHMARK INC CLASS A	\$38,800
POST HOLDINGS INC	\$610,428
POTLATCHDELTIC CORP	\$446,630
POWER INTEGRATIONS INC	\$517,460
POWERSCHOOL HOLDINGS INC A	\$137,234
PPG INDUSTRIES INC	\$2,522,093
PPL CORP	\$1,826,484
PRA GROUP INC	\$167,143
PRECIGEN INC	\$20,672
PREFERRED BANK/LOS ANGELES	\$75,665
PREMIER FINANCIAL CORP	\$143,777
PREMIER INC CLASS A	\$518,369
PRESTIGE CONSUMER HEALTHCARE	\$394,505
PRICESMART INC	\$188,722
PRIMERICA INC	\$682,012
PRIMORIS SERVICES CORP	\$146,976
PRINCIPAL FINANCIAL GROUP	\$1,758,795
PRIVIA HEALTH GROUP INC	\$222,899
PROASSURANCE CORP	\$89,254
PROCEPT BIOROBOTICS CORP	\$58,447
PROCORE TECHNOLOGIES INC	\$163,573
PROCTER + GAMBLE CO/THE	\$30,724,849
PROFRAC HOLDING CORP A	\$49,644
PROG HOLDINGS INC	\$110,579
PROGRESS SOFTWARE CORP	\$277,980

PROGRESSIVE CORP	\$6,432,967
PROGYNY INC	\$288,013
PROKIDNEY CORP	\$24,312
PROLOGIS INC	\$8,847,050
PROMETHEUS BIOSCIENCES INC	\$324,500
PROPETRO HOLDING CORP	\$101,522
PROS HOLDINGS INC	\$121,955
PROSPERITY BANCSHARES INC	\$855,008
PROTAGONIST THERAPEUTICS INC	\$54,408
PROTERRA INC	\$85,858
PROTHENA CORP PLC	\$249,074
PROTO LABS INC	\$87,338
PROVENTION BIO INC	\$102,867
PROVIDENT FINANCIAL SERVICES	\$154,710
PRUDENTIAL FINANCIAL INC	\$3,152,484
PTC INC	\$1,140,380
PTC THERAPEUTICS INC	\$308,872
PUBLIC SERVICE ENTERPRISE GP	\$2,595,765
PUBLIC STORAGE	\$3,756,788
PUBMATIC INC CLASS A	\$64,293
PULMONX CORP	\$29,556
PULTEGROUP INC	\$894,027
PURE STORAGE INC CLASS A	\$947,598
PURECYCLE TECHNOLOGIES INC	\$68,966
PURPLE INNOVATION INC	\$30,555
PVH CORP	\$597,121
Q2 HOLDINGS INC	\$195,264
QCR HOLDINGS INC	\$116,009
QORVO INC	\$804,249
QUAKER CHEMICAL CORPORATION	\$263,368
QUALCOMM INC	\$10,492,564
QUALYS INC	\$487,752
QUANEX BUILDING PRODUCTS	\$100,143
QUANTA SERVICES INC	\$1,733,513
QUANTERIX CORP	\$60,261
QUANTUM SI INC	\$17,451
QUANTUMSCAPE CORP	\$186,741
QUEST DIAGNOSTICS INC	\$1,552,667
QUIDELORTHO CORP	\$540,663
QUINSTREET INC	\$90,333
QURATE RETAIL INC	\$72,320

R1 RCM INC	\$199,827
RACKSPACE TECHNOLOGY INC	\$19,532
RADIAN GROUP INC	\$404,093
RADIUS GLOBAL INFRASTRUCTU A	\$120,446
RADNET INC	\$121,661
RALPH LAUREN CORP	\$572,731
RAMACO RESOURCES INC	\$26,599
RAMBUS INC	\$499,295
RANGE RESOURCES CORP	\$829,038
RANGER OIL CORP A	\$99,983
RANPAK HOLDINGS CORP	\$29,179
RAPID7 INC	\$251,656
RAPT THERAPEUTICS INC	\$71,557
RAYMOND JAMES FINANCIAL INC	\$1,764,200
RAYONIER INC	\$606,991
RAYTHEON TECHNOLOGIES CORP	\$12,696,745
RBC BEARINGS INC	\$760,359
RCI HOSPITALITY HOLDINGS INC	\$98,875
RE/MAX HOLDINGS INC CL A	\$43,431
READY CAPITAL CORP	\$141,823
REALTY INCOME CORP	\$3,332,739
REATA PHARMACEUTICALS INC A	\$129,090
RECURSION PHARMACEUTICALS A	\$47,201
RED ROCK RESORTS INC CLASS A	\$265,266
REDFIN CORP	\$50,537
REDWOOD TRUST INC	\$98,351
REGAL REXNORD CORP	\$1,003,033
REGENCY CENTERS CORP	\$819,938
REGENERON PHARMACEUTICALS	\$6,589,368
REGENXBIO INC	\$105,825
REGIONS FINANCIAL CORP	\$1,711,497
REINSURANCE GROUP OF AMERICA	\$1,209,896
RELAY THERAPEUTICS INC	\$148,414
RELIANCE STEEL + ALUMINUM	\$1,535,305
REMITLY GLOBAL INC	\$122,847
RENAISSANCERE HOLDINGS LTD	\$1,017,134
RENASANT CORP	\$199,565
REPARE THERAPEUTICS INC	\$34,201
REPAY HOLDINGS CORP	\$83,825
REPLIGEN CORP	\$764,096
REPLIMUNE GROUP INC	\$85,435

REPUBLIC BANCORP INC CLASS A	\$55,815
REPUBLIC SERVICES INC	\$2,426,173
RESIDEO TECHNOLOGIES INC	\$301,348
RESMED INC	\$2,579,147
RESOURCES CONNECTION INC	\$76,700
RETAIL OPPORTUNITY INVESTMEN	\$244,598
REV GROUP INC	\$55,755
REVANCE THERAPEUTICS INC	\$188,255
REVOLUTION MEDICINES INC	\$185,439
REVOLVE GROUP INC	\$116,420
REX AMERICAN RESOURCES CORP	\$71,048
REXFORD INDUSTRIAL REALTY IN	\$1,175,525
REYNOLDS CONSUMER PRODUCTS I	\$235,193
RH	\$662,898
RHYTHM PHARMACEUTICALS INC	\$148,978
RIBBON COMMUNICATIONS INC	\$26,430
RIMINI STREET INC	\$25,474
RINGCENTRAL INC CLASS A	\$361,717
RIOT PLATFORMS INC	\$66,302
RITHM CAPITAL CORP	\$478,656
RIVIAN AUTOMOTIVE INC A	\$496,357
RLI CORP	\$681,029
RLJ LODGING TRUST	\$216,375
RMR GROUP INC/THE A	\$54,607
ROBERT HALF INTL INC	\$698,063
ROBLOX CORP CLASS A	\$848,649
ROCKET COS INC CLASS A	\$101,269
ROCKET LAB USA INC	\$67,061
ROCKET PHARMACEUTICALS INC	\$135,385
ROCKWELL AUTOMATION INC	\$2,532,171
ROGERS CORP	\$273,766
ROIVANT SCIENCES LTD	\$282,806
ROKU INC	\$408,384
ROLLINS INC	\$685,856
ROPER TECHNOLOGIES INC	\$3,883,625
ROSS STORES INC	\$3,455,404
ROVER GROUP INC	\$32,487
ROYAL CARIBBEAN CRUISES LTD	\$957,607
ROYAL GOLD INC	\$930,842
ROYALTY PHARMA PLC CL A	\$1,165,366
RPC INC	\$83,522

RPM INTERNATIONAL INC	\$1,060,159
RPT REALTY	\$104,034
RUSH ENTERPRISES INC CL B	\$40,796
RUSH ENTERPRISES INC CL A	\$277,241
RUTH S HOSPITALITY GROUP INC	\$64,397
RXO INC	\$224,236
RYAN SPECIALTY HOLDINGS INC	\$439,923
RYDER SYSTEM INC	\$539,027
RYERSON HOLDING CORP	\$66,360
RYMAN HOSPITALITY PROPERTIES	\$538,358
S + T BANCORP INC	\$119,220
S+P GLOBAL INC	\$9,691,489
SABRA HEALTH CARE REIT INC	\$362,061
SABRE CORP	\$243,980
SAFEHOLD INC	\$91,126
SAFETY INSURANCE GROUP INC	\$118,385
SAGE THERAPEUTICS INC	\$257,369
SAIA INC	\$697,396
SALESFORCE INC	\$11,270,680
SALLY BEAUTY HOLDINGS INC	\$168,807
SAMSARA INC CL A	\$115,798
SANA BIOTECHNOLOGY INC	\$41,530
SANDRIDGE ENERGY INC	\$61,751
SANDY SPRING BANCORP INC	\$221,632
SANGAMO THERAPEUTICS INC	\$52,975
SANMINA CORP	\$417,300
SARCOS TECHNOLOGY AND ROBOTI	\$4,887
SAREPTA THERAPEUTICS INC	\$1,285,304
SAUL CENTERS INC	\$70,743
SBA COMMUNICATIONS CORP	\$2,561,753
SCANSOURCE INC	\$90,319
SCHLUMBERGER LTD	\$6,417,178
SCHNEIDER NATIONAL INC CL B	\$170,492
SCHNITZER STEEL INDS INC A	\$100,532
SCHOLAR ROCK HOLDING CORP	\$42,318
SCHOLASTIC CORP	\$143,555
SCHRODINGER INC	\$140,661
SCHWAB (CHARLES) CORP	\$10,277,198
SCIENCE APPLICATIONS INTE	\$775,068
SCOTTS MIRACLE GRO CO	\$254,952
SEABOARD CORP	\$135,908

SEACOAST BANKING CORP/FL	\$224,911
SEAGATE TECHNOLOGY HOLDINGS	\$891,371
SEAGEN INC	\$1,502,410
SEALED AIR CORP	\$618,662
SEAWORLD ENTERTAINMENT INC	\$296,606
SEER INC	\$25,410
SEI INVESTMENTS COMPANY	\$574,721
SELECT ENERGY SERVICES INC A	\$72,294
SELECT MEDICAL HOLDINGS CORP	\$335,031
SELECTIVE INSURANCE GROUP	\$681,588
SEMPRA ENERGY	\$4,123,127
SEMRUSH HOLDINGS INC A	\$38,421
SEMTECH CORP	\$230,983
SENECA FOODS CORP CL A	\$42,726
SENSATA TECHNOLOGIES HOLDING	\$529,301
SENSEONICS HOLDINGS INC	\$56,740
SENSIENT TECHNOLOGIES CORP	\$387,570
SERES THERAPEUTICS INC	\$70,364
SERITAGE GROWTH PROP A REIT	\$55,364
SERVICE CORP INTERNATIONAL	\$1,368,142
SERVICE PROPERTIES TRUST	\$146,624
SERVICENOW INC	\$6,667,761
SERVISFIRST BANCSHARES INC	\$419,248
SES AI CORP	\$41,964
SHAKE SHACK INC CLASS A	\$195,648
SHENANDOAH TELECOMMUNICATION	\$95,074
SHERWIN WILLIAMS CO/THE	\$4,968,504
SHIFT4 PAYMENTS INC CLASS A	\$341,620
SHOALS TECHNOLOGIES GROUP A	\$415,739
SHOCKWAVE MEDICAL INC	\$928,535
SHOE CARNIVAL INC	\$55,782
SHOTSPOTTER INC	\$41,442
SHUTTERSTOCK INC	\$169,337
SHYFT GROUP INC/THE	\$103,741
SI BONE INC	\$49,096
SIGA TECHNOLOGIES INC	\$40,524
SIGNATURE BANK	\$618,040
SIGNET JEWELERS LTD	\$396,100
SIGNIFY HEALTH INC CLASS A	\$255,189
SILGAN HOLDINGS INC	\$572,106
SILICON LABORATORIES INC	\$586,366

SILK ROAD MEDICAL INC	\$234,548
SILVERBOW RESOURCES INC	\$47,765
SILVERGATE CAPITAL CORP CL A	\$71,062
SIMMONS FIRST NATL CORP CL A	\$279,224
SIMON PROPERTY GROUP INC	\$3,269,233
SIMPLY GOOD FOODS CO/THE	\$407,225
SIMPSON MANUFACTURING CO INC	\$479,385
SIMULATIONS PLUS INC	\$72,079
SINCLAIR BROADCAST GROUP A	\$86,996
SIRIUS XM HOLDINGS INC	\$393,785
SIRIUSPOINT LTD	\$69,809
SITE CENTERS CORP	\$332,457
SITEONE LANDSCAPE SUPPLY INC	\$665,556
SITIME CORP	\$206,492
SITIO ROYALTIES CORP A	\$210,922
SIX FLAGS ENTERTAINMENT CORP	\$220,736
SJW GROUP	\$251,851
SKECHERS USA INC CL A	\$709,752
SKILLSOFT CORP	\$13,022
SKILLZ INC	\$16,776
SKYLINE CHAMPION CORP	\$349,650
SKYWEST INC	\$25,607
SKYWORKS SOLUTIONS INC	\$1,245,200
SL GREEN REALTY CORP	\$276,133
SLEEP NUMBER CORP	\$70,666
SLM CORP	\$527,930
SM ENERGY CO	\$537,566
SMART GLOBAL HOLDINGS INC	\$91,631
SMARTFINANCIAL INC	\$58,548
SMARTRENT INC	\$39,502
SMARTSHEET INC CLASS A	\$610,356
SMITH (A.O.) CORP	\$636,566
SMITH + WESSON BRANDS INC	\$51,828
SNAP INC A	\$844,057
SNAP ON INC	\$1,036,202
SNAP ONE HOLDINGS CORP	\$14,175
SNOWFLAKE INC CLASS A	\$2,709,174
SOFI TECHNOLOGIES INC	\$348,152
SOHO HOUSE + CO INC	\$13,711
SOLAREEDGE TECHNOLOGIES INC	\$1,322,304
SOLARWINDS CORP	\$46,388

SOLID POWER INC	\$32,512
SOMALOGIC INC	\$41,947
SONIC AUTOMOTIVE INC CLASS A	\$127,708
SONOCO PRODUCTS CO	\$745,337
SONOS INC	\$271,245
SORRENTO THERAPEUTICS INC	\$50,133
SOTERA HEALTH CO	\$103,234
SOUTH JERSEY INDUSTRIES	\$548,015
SOUTH PLAINS FINANCIAL INC	\$46,801
SOUTHERN CO/THE	\$6,605,496
SOUTHERN MISSOURI BANCORP	\$51,146
SOUTHSIDE BANCSHARES INC	\$105,559
SOUTHSTATE CORP	\$748,939
SOUTHWEST AIRLINES CO	\$424,040
SOUTHWEST GAS HOLDINGS INC	\$522,948
SOUTHWESTERN ENERGY CO	\$655,364
SOVOS BRANDS INC	\$56,388
SP PLUS CORP	\$104,889
SPARTANNASH CO	\$135,657
SPECTRUM BRANDS HOLDINGS INC	\$315,870
SPIRE INC	\$462,533
SPIRIT AEROSYSTEMS HOLD CL A	\$392,170
SPIRIT AIRLINES INC	\$64,966
SPIRIT REALTY CAPITAL INC	\$685,359
SPLUNK INC	\$1,181,671
SPORTSMAN S WAREHOUSE HOLDIN	\$52,273
SPRINGWORKS THERAPEUTICS INC	\$87,940
SPRINKLR INC A	\$58,971
SPROUT SOCIAL INC CLASS A	\$333,453
SPROUTS FARMERS MARKET INC	\$437,124
SPS COMMERCE INC	\$581,146
SPX TECHNOLOGIES INC	\$373,023
SQUARESPACE INC CLASS A	\$87,505
SS+C TECHNOLOGIES HOLDINGS	\$1,014,910
ST JOE CO/THE	\$158,079
STAAR SURGICAL CO	\$249,301
STAG INDUSTRIAL INC	\$727,654
STAGWELL INC	\$59,740
STANDARD MOTOR PRODS	\$87,070
STANDEX INTERNATIONAL CORP	\$157,814
STANLEY BLACK + DECKER INC	\$944,033

STAR GROUP LP	\$51,514
STARBUCKS CORP	\$9,655,434
STARWOOD PROPERTY TRUST INC	\$715,108
STATE STREET BANK + TRUST CO	\$15,663,230
STATE STREET CORP	\$2,418,710
STEEL DYNAMICS INC	\$1,518,551
STEELCASE INC CL A	\$80,117
STELLAR BANCORP INC	\$173,902
STEM INC	\$68,033
STEPAN CO	\$296,385
STEPSTONE GROUP INC CLASS A	\$156,317
STERICYCLE INC	\$579,921
STERIS PLC	\$1,563,031
STERLING CHECK CORP	\$160,903
STERLING INFRASTRUCTURE INC	\$127,690
STEVEN MADDEN LTD	\$301,702
STEWART INFORMATION SERVICES	\$106,953
STIFEL FINANCIAL CORP	\$782,158
STITCH FIX INC CLASS A	\$34,437
STOCK YARDS BANCORP INC	\$255,436
STOKE THERAPEUTICS INC	\$18,368
STONERIDGE INC	\$71,924
STONEX GROUP INC	\$206,229
STORE CAPITAL CORP	\$1,025,471
STRATEGIC EDUCATION INC	\$231,906
STRIDE INC	\$160,154
STRYKER CORP	\$7,067,472
STURM RUGER + CO INC	\$111,162
SUMMIT HOTEL PROPERTIES INC	\$97,658
SUMMIT MATERIALS INC CL A	\$431,559
SUMO LOGIC INC	\$91,976
SUN COMMUNITIES INC	\$1,500,356
SUN COUNTRY AIRLINES HOLDING	\$29,024
SUNCOKE ENERGY INC	\$92,911
SUNNOVA ENERGY INTERNATIONAL	\$233,842
SUNPOWER CORP	\$197,555
SUNRUN INC	\$576,816
SUNSTONE HOTEL INVESTORS INC	\$259,709
SUPER MICRO COMPUTER INC	\$486,853
SUPERNUS PHARMACEUTICALS INC	\$239,952
SURGERY PARTNERS INC	\$235,751

SURMODICS INC	\$57,083
SVB FINANCIAL GROUP	\$1,151,621
SWEETGREEN INC CLASS A	\$52,088
SYLVAMO CORP	\$243,727
SYNAPTICS INC	\$474,944
SYNCHRONY FINANCIAL	\$1,327,643
SYNDAX PHARMACEUTICALS INC	\$154,125
SYNEOS HEALTH INC	\$474,089
SYNOPSIS INC	\$4,148,854
SYNOVUS FINANCIAL CORP	\$705,302
SYSCO CORP	\$3,295,683
T MOBILE US INC	\$7,445,760
T ROWE PRICE GROUP INC	\$2,093,625
TAKE TWO INTERACTIVE SOFTWRE	\$1,451,364
TALOS ENERGY INC	\$138,107
TANDEM DIABETES CARE INC	\$363,196
TANGER FACTORY OUTLET CENTER	\$235,983
TANGO THERAPEUTICS INC	\$43,544
TAPESTRY INC	\$1,157,518
TARGA RESOURCES CORP	\$1,351,445
TARGET CORP	\$5,844,455
TARGET HOSPITALITY CORP	\$56,154
TARSUS PHARMACEUTICALS INC	\$30,317
TASKUS INC A	\$53,860
TATTOOED CHEF INC	\$7,010
TAYLOR MORRISON HOME CORP	\$413,549
TD SYNEX CORP	\$515,601
TE CONNECTIVITY LTD	\$3,126,693
TECHNIPFMC PLC	\$659,113
TECHTARGET	\$155,444
TEGNA INC	\$563,718
TEJON RANCH CO	\$49,775
TELADOC HEALTH INC	\$480,355
TELEDYNE TECHNOLOGIES INC	\$1,590,842
TELEFLEX INC	\$1,002,264
TELEPHONE AND DATA SYSTEMS	\$131,482
TELLURIAN INC	\$101,235
TELOS CORPORATION	\$15,957
TEMPUR SEALY INTERNATIONAL I	\$705,344
TENABLE HOLDINGS INC	\$535,779
TENET HEALTHCARE CORP	\$629,586

TENNANT CO	\$136,193
TERADATA CORP	\$437,849
TERADYNE INC	\$1,173,897
TEREX CORP	\$365,384
TERRENO REALTY CORP	\$541,914
TESLA INC	\$27,883,148
TETRA TECH INC	\$974,951
TETRA TECHNOLOGIES INC	\$48,821
TEXAS CAPITAL BANCSHARES INC	\$394,970
TEXAS INSTRUMENTS INC	\$12,812,481
TEXAS PACIFIC LAND CORP	\$1,237,753
TEXAS ROADHOUSE INC	\$727,327
TEXTRON INC	\$1,282,117
TFS FINANCIAL CORP	\$128,393
TG THERAPEUTICS INC	\$206,599
THE CIGNA GROUP	\$8,575,079
THERAVANCE BIOPHARMA INC	\$79,572
THERMO FISHER SCIENTIFIC INC	\$18,334,673
THERMON GROUP HOLDINGS INC	\$86,063
THOR INDUSTRIES INC	\$517,408
THRYV HOLDINGS INC	\$50,844
TIDEWATER INC	\$50,485
TILRAY BRANDS INC	\$182,057
TIMKEN CO	\$588,540
TIMKENSTEEL CORP	\$91,904
TITAN INTERNATIONAL INC	\$98,324
TITAN MACHINERY INC	\$102,344
TJX COMPANIES INC	\$7,854,212
TOAST INC CLASS A	\$381,353
TOLL BROTHERS INC	\$679,910
TOMPKINS FINANCIAL CORP	\$146,859
TOOTSIE ROLL INDS	\$87,950
TOPBUILD CORP	\$637,227
TOPGOLF CALLAWAY BRANDS CORP	\$342,761
TORO CO	\$1,486,882
TOWNE BANK	\$291,037
TPG INC	\$136,534
TPG RE FINANCE TRUST INC	\$43,904
TPI COMPOSITES INC	\$46,603
TRACTOR SUPPLY COMPANY	\$2,127,991
TRADE DESK INC/THE CLASS A	\$1,683,680

TRADEWEB MARKETS INC CLASS A	\$594,629
TRAEGER INC	\$20,840
TRANE TECHNOLOGIES PLC	\$3,320,954
TRANSCAT INC	\$62,011
TRANSDIGM GROUP INC	\$2,769,201
TRANSMEDICS GROUP INC	\$231,141
TRANSOCEAN LTD	\$384,289
TRANSUNION	\$926,955
TRAVEL LEISURE CO	\$381,581
TRAVELCENTERS OF AMERICA INC	\$74,021
TRAVELERS COS INC/THE	\$3,797,610
TRAVERE THERAPEUTICS INC	\$144,728
TREACE MEDICAL CONCEPTS INC	\$48,256
TREASURY BILL	\$929,743
TREDEGAR CORP	\$34,053
TREEHOUSE FOODS INC	\$313,464
TREX COMPANY INC	\$585,297
TRI POINTE HOMES INC	\$238,008
TRICIDA INC	\$475
TRICO BANCSHARES	\$209,314
TRIMAS CORP	\$143,998
TRIMBLE INC	\$1,074,451
TRINET GROUP INC	\$345,780
TRINITY INDUSTRIES INC	\$291,383
TRINSEO PLC	\$80,121
TRIPADVISOR INC	\$230,054
TRITON INTERNATIONAL LTD	\$540,267
TRIUMPH FINANCIAL INC	\$143,531
TRIUMPH GROUP INC	\$86,801
TRONOX HOLDINGS PLC	\$199,906
TRUEBLUE INC	\$83,019
TRUIST FINANCIAL CORP	\$4,854,472
TRUPANION INC	\$209,132
TRUSTCO BANK CORP NY	\$68,451
TRUSTMARK CORP	\$205,829
TTEC HOLDINGS INC	\$103,220
TTM TECHNOLOGIES	\$184,263
TUCOWS INC CLASS A	\$40,670
TUPPERWARE BRANDS CORP	\$22,849
TURNING POINT BRANDS INC	\$41,876
TUSIMPLE HOLDINGS INC A	\$10,937

TUTOR PERINI CORP	\$42,174
TWILIO INC A	\$719,173
TWIST BIOSCIENCE CORP	\$161,337
TWO HARBORS INVESTMENT CORP	\$170,789
TYLER TECHNOLOGIES INC	\$1,133,594
TYSON FOODS INC CL A	\$1,538,945
U HAUL HOLDING CO NON VOTING	\$412,900
U.S. PHYSICAL THERAPY INC	\$135,158
UBER TECHNOLOGIES INC	\$3,106,039
UDR INC	\$1,060,853
UFP INDUSTRIES INC	\$614,901
UFP TECHNOLOGIES INC	\$105,158
UGI CORP	\$651,839
ULTA BEAUTY INC	\$2,041,393
ULTRA CLEAN HOLDINGS INC	\$190,281
ULTRAGENYX PHARMACEUTICAL IN	\$388,338
UMB FINANCIAL CORP	\$502,790
UMH PROPERTIES INC	\$107,323
UMPQUA HOLDINGS CORP	\$510,207
UNDER ARMOUR INC CLASS A	\$243,078
UNDER ARMOUR INC CLASS C	\$222,295
UNIFIRST CORP/MA	\$369,190
UNION PACIFIC CORP	\$11,009,705
UNIQUIRE NV	\$119,924
UNISYS CORP	\$44,452
UNITED BANKSHARES INC	\$685,374
UNITED COMMUNITY BANKS/GA	\$406,648
UNITED FIRE GROUP INC	\$71,191
UNITED NATURAL FOODS INC	\$284,364
UNITED PARCEL SERVICE CL B	\$10,818,237
UNITED RENTALS INC	\$2,133,586
UNITED STATES LIME + MINERAL	\$39,413
UNITED STATES STEEL CORP	\$747,467
UNITED THERAPEUTICS CORP	\$1,591,509
UNITEDHEALTH GROUP INC	\$42,146,659
UNITI GROUP INC	\$165,330
UNITIL CORP	\$101,231
UNITY SOFTWARE INC	\$607,538
UNIVAR SOLUTIONS INC	\$667,387
UNIVERSAL CORP/VA	\$166,774
UNIVERSAL DISPLAY CORP	\$610,318

UNIVERSAL HEALTH RLTY INCOME	\$81,475
UNIVERSAL HEALTH SERVICES B	\$797,156
UNIVERSAL INSURANCE HOLDINGS	\$36,472
UNIVERSAL LOGISTICS HOLDINGS	\$31,701
UNIVEST FINANCIAL CORP	\$120,694
UNUM GROUP	\$1,037,526
UPBOUND GROUP INC	\$159,789
UPSTART HOLDINGS INC	\$121,307
UPWORK INC	\$156,214
URANIUM ENERGY CORP	\$163,616
URBAN EDGE PROPERTIES	\$212,745
URBAN OUTFITTERS INC	\$179,114
URSTADT BIDDLE CLASS A	\$77,676
US BANCORP	\$5,222,690
US CELLULAR CORP	\$42,701
US DOLLAR	\$1,122,426
US FOODS HOLDING CORP	\$866,421
US SILICA HOLDINGS INC	\$116,213
USANA HEALTH SCIENCES INC	\$80,492
UTZ BRANDS INC	\$129,513
UWM HOLDINGS CORP	\$37,254
V2X INC	\$60,242
VAALCO ENERGY INC	\$58,746
VAIL RESORTS INC	\$822,069
VALARIS LTD	\$192,920
VALERO ENERGY CORP	\$4,254,123
VALLEY NATIONAL BANCORP	\$635,520
VALMONT INDUSTRIES	\$885,204
VALVOLINE INC	\$725,581
VANDA PHARMACEUTICALS INC	\$50,910
VAREX IMAGING CORP	\$101,399
VARONIS SYSTEMS INC	\$331,545
VAXCYTE INC	\$314,888
VECTOR GROUP LTD	\$196,556
VEECO INSTRUMENTS INC	\$118,559
VEEVA SYSTEMS INC CLASS A	\$1,912,353
VELO3D INC	\$11,458
VENTAS INC	\$1,532,961
VENTYX BIOSCIENCES INC	\$69,515
VERA THERAPEUTICS INC	\$36,765
VERACYTE INC	\$214,140

VERADIGM INC	\$246,801
VERICEL CORP	\$137,811
VERINT SYSTEMS INC	\$295,464
VERIS RESIDENTIAL INC	\$153,438
VERISIGN INC	\$1,699,400
VERISK ANALYTICS INC	\$2,362,264
VERITEX HOLDINGS INC	\$162,780
VERITIV CORP	\$204,108
VERIZON COMMUNICATIONS INC	\$14,064,460
VERRA MOBILITY CORP	\$240,573
VERTEX ENERGY INC	\$47,064
VERTEX INC CLASS A	\$86,799
VERTEX PHARMACEUTICALS INC	\$6,278,655
VERTIV HOLDINGS CO	\$550,375
VERU INC	\$40,946
VERVE THERAPEUTICS INC	\$81,018
VF CORP	\$779,844
VIAD CORP	\$60,999
VIASAT INC	\$225,696
VIATRIS INC	\$1,140,335
VIAVI SOLUTIONS INC	\$298,631
VICI PROPERTIES INC	\$2,653,916
VICOR CORP	\$153,403
VICTORIA S SECRET + CO	\$373,651
VICTORY CAPITAL HOLDING A	\$58,167
VIEWRAY INC	\$78,705
VIMEO INC	\$64,762
VIPER ENERGY PARTNERS LP	\$241,413
VIR BIOTECHNOLOGY INC	\$234,320
VIRGIN GALACTIC HOLDINGS INC	\$91,266
VIRIDIAN THERAPEUTICS INC	\$110,151
VIRTU FINANCIAL INC CLASS A	\$225,980
VIRTUS INVESTMENT PARTNERS	\$175,933
VISA INC CLASS A SHARES	\$28,869,914
VISHAY INTERTECHNOLOGY INC	\$354,783
VISHAY PRECISION GROUP	\$63,077
VISTA OUTDOOR INC	\$174,124
VISTEON CORP	\$462,746
VISTRA CORP	\$754,951
VITA COCO CO INC/THE	\$23,605
VITAL ENERGY INC	\$93,122

VITAL FARMS INC	\$37,315
VIVID SEATS INC CLASS A	\$22,681
VIVINT SMART HOME INC	\$62,903
VMWARE INC CLASS A W/I	\$2,196,545
VONTIER CORP	\$380,337
VORNADO REALTY TRUST	\$425,398
VOYA FINANCIAL INC	\$762,660
VSE CORP	\$60,194
VULCAN MATERIALS CO	\$1,972,789
VUZIX CORP	\$26,113
W+T OFFSHORE INC	\$69,181
WABASH NATIONAL CORP	\$138,357
WABTEC CORP	\$1,463,714
WALGREENS BOOTS ALLIANCE INC	\$2,331,750
WALKER + DUNLOP INC	\$319,571
WALMART INC	\$18,183,433
WALT DISNEY CO/THE	\$13,463,707
WARBY PARKER INC CLASS A	\$113,262
WARNER BROS DISCOVERY INC	\$1,850,117
WARRIOR MET COAL INC	\$225,402
WASHINGTON FEDERAL INC	\$291,348
WASHINGTON TRUST BANCORP	\$126,631
WASTE CONNECTIONS INC	\$2,892,724
WASTE MANAGEMENT INC	\$5,514,175
WATERS CORP	\$1,752,982
WATERSTONE FINANCIAL INC	\$58,857
WATSCO INC	\$1,042,243
WATTS WATER TECHNOLOGIES A	\$501,861
WAYFAIR INC CLASS A	\$300,319
WD 40 CO	\$277,442
WEATHERFORD INTERNATIONAL PL	\$385,770
WEBSTER FINANCIAL CORP	\$710,715
WEC ENERGY GROUP INC	\$2,510,049
WEIS MARKETS INC	\$165,238
WELLS FARGO + CO	\$13,309,130
WELLTOWER INC	\$2,582,015
WENDY S CO/THE	\$510,442
WERNER ENTERPRISES INC	\$292,167
WESBANCO INC	\$295,581
WESCO INTERNATIONAL INC	\$719,399
WEST PHARMACEUTICAL SERVICES	\$1,485,529

WESTAMERICA BANCORPORATION	\$151,715
WESTERN ALLIANCE BANCORP	\$819,486
WESTERN DIGITAL CORP	\$841,249
WESTERN UNION CO	\$443,215
WESTLAKE CORP	\$333,973
WESTROCK CO	\$756,924
WESTROCK COFFEE CO	\$52,852
WEWORK INC CL A	\$32,920
WEX INC	\$908,748
WEYERHAEUSER CO	\$1,953,186
WHIRLPOOL CORP	\$632,468
WHITE MOUNTAINS INSURANCE GP	\$462,486
WHITESTONE REIT	\$53,608
WIDEPENWEST INC	\$60,663
WILEY (JOHN) + SONS CLASS A	\$224,897
WILLIAMS COS INC	\$3,401,860
WILLIAMS SONOMA INC	\$970,270
WILLIS TOWERS WATSON PLC	\$2,284,866
WILLSCOT MOBILE MINI HOLDING	\$1,214,757
WINGSTOP INC	\$517,038
WINMARK CORP	\$87,021
WINNEBAGO INDUSTRIES	\$200,998
WINTRUST FINANCIAL CORP	\$670,159
WISDOMTREE INC	\$75,357
WOLFSPEED INC	\$734,171
WOLVERINE WORLD WIDE INC	\$107,398
WOODWARD INC	\$697,138
WORKDAY INC CLASS A	\$2,843,439
WORKHORSE GROUP INC	\$30,449
WORKIVA INC	\$486,690
WORLD ACCEPTANCE CORP	\$28,420
WORLD FUEL SERVICES CORP	\$222,712
WORLD WRESTLING ENTERTAIN A	\$372,817
WORTHINGTON INDUSTRIES	\$202,668
WP CAREY INC	\$1,278,925
WR BERKLEY CORP	\$1,305,099
WSFS FINANCIAL CORP	\$294,891
WW GRAINGER INC	\$2,163,813
WW INTERNATIONAL INC	\$25,295
WYNDHAM HOTELS + RESORTS INC	\$808,085
WYNN RESORTS LTD	\$764,167

XCEL ENERGY INC	\$3,249,669
XENCOR INC	\$187,202
XENIA HOTELS + RESORTS INC	\$189,555
XENON PHARMACEUTICALS INC	\$231,494
XEROX HOLDINGS CORP	\$217,014
XOMETRY INC A	\$56,241
XPEL INC	\$144,865
XPERI INC	\$43,257
XPO INC	\$434,601
XPONENTIAL FITNESS INC A	\$46,089
XYLEM INC	\$1,696,807
Y MABS THERAPEUTICS INC	\$20,350
YELP INC	\$242,123
YETI HOLDINGS INC	\$448,296
YEXT INC	\$83,512
YORK WATER CO	\$84,517
YUM BRANDS INC	\$3,092,620
ZEBRA TECHNOLOGIES CORP CL A	\$1,131,794
ZENTALIS PHARMACEUTICALS INC	\$114,274
ZETA GLOBAL HOLDINGS CORP A	\$114,405
ZIFF DAVIS INC	\$445,966
ZILLOW GROUP INC C	\$448,814
ZIMMER BIOMET HOLDINGS INC	\$2,268,225
ZIONS BANCORP NA	\$952,278
ZIPRECRUITER INC A	\$79,177
ZOETIS INC	\$5,838,699
ZOOM VIDEO COMMUNICATIONS A	\$1,297,086
ZOOMINFO TECHNOLOGIES INC	\$671,182
ZSCALER INC	\$799,973
ZUMIEZ INC	\$50,219
ZUORA INC CLASS A	\$96,354
ZURN ELKAY WATER SOLUTIONS C	\$472,258
Total Holdings	\$3,776,046,607

**International Equity Asset Class
Manager Holdings**

Manager Name	Market Value
Acadian Asset Mgmt	\$371,965,686
American Century Inv Mgmt	\$54,805,306
Baillie Gifford	\$147,752,644
BlackRock	\$1,066,464,042
Franklin Templeton	\$83,506,332
Invesco	\$212,703,714
Lazard Asset Mgmt	\$208,996,560
State Street Global Advisors (Cash)	\$917,902
Total Holdings	\$2,147,112,186

International Equity Asset Class	
Security Holdings	
Security Name	Market Value
361 DEGREES INTERNATIONAL	\$139,808.42
37 INTERACTIVE ENTERTAINME A	\$81,755.54
3I GROUP PLC	\$2,878,727.80
3SBIO INC	\$136,650.46
77 BANK LTD/THE	\$152,419.57
A.G. BARR PLC	\$26,210.05
A+D HOLON HOLDINGS CO LTD	\$63,974.38
A2 MILK CO LTD	\$581,660.00
ABB LTD REG	\$3,382,667.57
ABCAM PLC SPON ADR	\$206,247.80
ABG SUNDAL COLLIER HOLDING	\$36,048.92
ABM INVESTAMA TBK PT	\$100,859.87
ABN AMRO BANK NV CVA	\$1,220,662.57
ABOITIZ POWER CORP	\$88,046.39
ACOM CO LTD	\$22,512.41
ACWI EX US SUPERFUN	\$846,310,318.54
ADAPTIMMUNE THERAPEUTICS ADR	\$19,126.00
ADARO ENERGY INDONESIA TBK P	\$2,010,902.92
ADASTRIA CO LTD	\$87,085.53
ADBRI LTD	\$27,553.40
ADDTECH AB B SHARES	\$286,824.95
ADESSO SE	\$615,543.42
ADIDAS AG	\$1,027,854.96
ADVANCED INFORMATION TE NVDR	\$50,359.46
ADVANCED MEDIA INC	\$34,876.65
ADVANCED MEDICAL SOLUTIONS	\$107,089.50
ADYEN NV	\$2,041,940.77
AEON CREDIT SERVICE M BHD	\$26,559.36
AEON DELIGHT CO LTD	\$96,449.28
AEON FINANCIAL SERVICE CO LT	\$78,517.56
AEW UK REIT PLC	\$10,912.54
AFREECATV CO LTD	\$252,856.23
AFRICAN RAINBOW MINERALS LTD	\$242,400.71
AG GROWTH INTERNATIONAL INC	\$25,179.12
AGILE GROUP HOLDINGS LTD	\$84,054.35
AI HOLDINGS CORP	\$201,648.41
AIA GROUP LTD	\$6,276,775.63
AICHI FINANCIAL GROUP INC	\$325,207.45

AICHI TOKEI DENKI CO LTD	\$22,259.27
AIPHONE CO LTD	\$165,000.57
AIR LIQUIDE SA	\$7,303,854.05
AIRBOSS OF AMERICA CORP	\$68,088.12
AIRTAC INTERNATIONAL GROUP	\$4,381,550.65
AISAN INDUSTRY CO LTD	\$79,602.86
AIXTRON SE	\$383,629.42
AJIS CO LTD	\$44,916.44
AKER SOLUTIONS ASA	\$1,249,648.24
AKZO NOBEL N.V.	\$2,608,725.32
ALAM SUTERA REALTY TBK PT	\$21,807.48
ALARIS EQUITY PARTNERS INCOM	\$678,380.90
ALBAAD MASSUOT YITZHAK LTD	\$1.17
ALEXANDRIA CONTAINERS + GOOD	\$31,658.70
ALFA FINANCIAL SOFTWARE HOLD	\$18,538.43
ALFA S.A.B. A	\$184,631.00
ALFEN N.V.	\$250,087.09
ALFRESA HOLDINGS CORP	\$477,605.06
ALIBABA GROUP HOLDING LTD	\$7,027,966.86
ALIMENTATION COUCHE TARD INC	\$307,391.42
ALK ABELLO A/S	\$567,586.67
ALKEMY SPA	\$19,546.29
ALLIANCE BANK MALAYSIA BHD	\$212,701.70
ALLIANCE PHARMA PLC	\$99,495.97
ALLIANZ MALAYSIA BHD	\$18,644.27
ALLKEM LTD	\$1,018,307.71
ALPEK SA DE CV	\$139,880.31
ALPS ALPINE CO LTD	\$168,738.49
ALPS LOGISTICS CO LTD	\$32,975.86
ALS LTD	\$574,683.93
ALTEN SA	\$502,358.62
ALTIUM LTD	\$253,810.20
ALTIUS MINERALS CORPORATION	\$1,848,989.26
ALTUS GROUP LTD	\$287,519.36
ALUPAR INVESTIMENTO SA UNIT	\$451,433.49
AMADEUS FIRE AG	\$72,050.44
AMADEUS IT GROUP SA	\$3,225,067.02
AMBEA AB	\$271,855.55
AMERIGO RESOURCES LTD	\$79,105.50
AMG ADVANCED METALLURGICAL	\$609,772.59
AMMB HOLDINGS BHD	\$506,010.44

AMUSE INC	\$62,336.58
ANGLO AMERICAN PLC	\$6,141,931.15
ANHEUSER BUSCH INBEV SA/NV	\$1,509,820.90
ANICOM HOLDINGS INC	\$460,676.80
ANORA GROUP OYJ	\$707,346.69
ANRITSU CORP	\$109,792.72
ANTARCHILE SA	\$15,085.39
ANZ GROUP HOLDINGS LTD	\$1,019,677.65
AON PLC CLASS A	\$5,207,729.14
AOYAMA TRADING CO LTD	\$31,308.50
AP MOLLER MAERSK A/S B	\$2,537,632.12
AP THAILAND PCL NVDR	\$208,622.49
APT SATELLITE HOLDINGS LTD	\$32,981.63
ARCA CONTINENTAL SAB DE CV	\$4,646,172.04
ARCADIS NV	\$195,996.96
ARCELORMITTAL SOUTH AFRICA	\$34,955.93
ARISAWA MFG CO LTD	\$71,868.58
ARITZIA INC SUBORDINATE VOTI	\$777,756.82
ARKEMA	\$2,674,615.64
ARTERIA NETWORKS CORP	\$132,830.35
ARTIS REAL ESTATE INVESTMENT	\$637,073.73
ARWANA CITRAMULIA TBK PT	\$27,809.51
ASAHI CO LTD	\$33,274.47
ASAHI DIAMOND INDUSTRIAL CO	\$53,715.57
ASAHI GROUP HOLDINGS LTD	\$2,806,457.99
ASHTREAD GROUP PLC	\$4,053,132.60
ASIA AIR SURVEY CO LTD	\$11,792.79
ASIA CEMENT CHINA HOLDINGS	\$110,531.31
ASICS CORP	\$5,318,058.28
ASKA PHARMACEUTICAL HOLDINGS	\$52,137.54
ASML HOLDING NV	\$9,499,198.07
ASPEED TECHNOLOGY INC	\$301,524.30
ASR NEDERLAND NV	\$465,799.30
ASSYSTEM	\$23,961.67
ASTRA AGRO LESTARI TBK PT	\$92,624.51
ASTRA OTOPARTS TBK PT	\$89,705.47
ASTRAL FOODS LTD	\$28,532.66
ATCO LTD CLASS I	\$328,105.24
ATEAM INC	\$33,517.75
ATLAS COPCO AB A SHS	\$3,134,262.22
ATOSS SOFTWARE AG	\$219,276.23

ATS CORP	\$279,761.28
AUCTION TECHNOLOGY GROUP	\$136,284.19
AURIZON HOLDINGS LTD	\$1,184,385.03
AUSTEVOLL SEAFOOD ASA	\$204,653.42
AUSTRALIAN CLINICAL LABS LTD	\$114,982.41
AUSTRALIAN DOLLAR	\$231,503.43
AUSTRIA TECHNOLOGIE + SYSTEM	\$464,695.70
AUTO TRADER GROUP PLC	\$2,303,387.20
AUTO1 GROUP SE	\$648,307.34
AUTOHOME INC ADR	\$2,282,576.40
AVANT GROUP CORP	\$62,967.15
AVANZA BANK HOLDING AB	\$510,270.24
AXFOOD AB	\$81,521.08
AXIS CAPITAL HOLDINGS LTD	\$521,007.06
AZIMUT HOLDING SPA	\$330,148.73
B3 SA BRASIL BOLSA BALCAO	\$2,598,339.88
BAFANG YUNJI INTERNATIONAL C	\$140,326.33
BAIC MOTOR CORP LTD H	\$1,430,974.57
BAIDU INC CLASS A	\$1,394,047.83
BAKKAFROST P/F	\$107,116.84
BALANCED COMM PROPERTY TRUST	\$5,085.44
BANCA GENERALI SPA	\$224,696.60
BANCA IFIS SPA	\$552,336.56
BANCO BILBAO VIZCAYA ARGENTA	\$590,561.39
BANCO DEL BAJIO SA	\$404,440.72
BANCO ESTADO RIO GRAN PREF B	\$104,537.15
BANDAI NAMCO HOLDINGS INC	\$2,457,433.02
BANGCHAK CORP PCL NVDR	\$459,016.89
BANGKOK BANK PUBLIC CO NVDR	\$2,905,731.20
BANGKOK CHAIN HOSPITAL NVDR	\$836,395.26
BANK CIMB NIAGA TBK PT	\$29,435.65
BANK DANAMON INDONESIA TBK	\$43,871.85
BANK HANDLOWY W WARSZAWIE SA	\$63,651.37
BANK HAPOALIM BM	\$3,404,877.03
BANK LEUMI LE ISRAEL	\$2,703,181.93
BANK MANDIRI PERSERO TBK PT	\$4,974,265.91
BANK OCBC NISP TBK PT	\$46,888.75
BANK OF IWATE LTD/THE	\$68,575.55
BANK OF THE RYUKYUS LTD	\$152,838.68
BANK TABUNGAN NEGARA PERSERO	\$65,221.45
BANKINTER SA	\$430,871.99

BANPU PUBLIC CO LTD NVDR	\$1,178,947.59
BARCLAYS PLC	\$1,680,536.17
BARCO N.V.	\$1,599,240.33
BASE CO LTD	\$23,805.37
BASIC FIT NV	\$322,450.40
BASILEA PHARMACEUTICA REG	\$140,686.99
BAYCURRENT CONSULTING INC	\$717,306.45
BAYER AG REG	\$5,580,448.55
BEIGENE LTD	\$1,166,576.01
BEIJING URBAN CONSTRUCTION H	\$23,734.94
BELIMO HOLDING AG REG	\$336,705.58
BELSHIPS ASA	\$25,449.16
BENESSE HOLDINGS INC	\$69,935.20
BENETEAU	\$35,041.09
BEZEQ THE ISRAELI TELECOM CO	\$234,727.62
BFF BANK SPA	\$3,326,381.32
BHP GROUP LTD	\$6,402,496.12
BIDVEST GROUP LTD	\$722,336.17
BILIA AB A SHS	\$26,667.62
BIOARCTIC AB	\$503,746.25
BIOTAGE AB	\$477,996.98
BIPROGY INC	\$410,693.85
BIRCHCLIFF ENERGY LTD	\$924,243.70
BIXOLON CO LTD	\$92,270.46
BLACKROCK ACWI EX US SMALL CAP	\$10,287,430.88
BLOOMSBURY PUBLISHING PLC	\$5,174.54
BLUE BIRD TBK PT	\$26,845.93
BLUESCOPE STEEL LTD	\$1,447,730.67
BNK FINANCIAL GROUP INC	\$1,414,296.16
BOARDWALK REAL ESTATE INVEST	\$627,474.08
BOIRON SA	\$106,866.36
BONESUPPORT HOLDING AB	\$489,618.11
BONTERRA ENERGY CORP	\$100,780.10
BORALEX INC A	\$405,206.38
BORYSZEW SA	\$44,541.92
BOSIDENG INTL HLDGS LTD	\$135,947.06
BOUSTEAD HOLDINGS BHD	\$196,963.68
BOUSTEAD PLANTATIONS BHD	\$23,398.64
BOUSTEAD SINGAPORE LTD	\$3,909.76
BOUTIQUES INC	\$24,112.32
BOUVET ASA	\$25,885.70

BOYD GROUP SERVICES INC	\$512,808.24
BP PLC	\$5,904,402.40
BPD JAWA BARAT DAN BANTEN TB	\$160,836.34
BRAINPAD INC	\$20,779.11
BRAZILIAN REAL	\$134,524.64
BREDON GROUP PLC	\$253,126.18
BREMBO SPA	\$359,765.65
BRITISH AMERICAN TOBACCO BHD	\$60,111.69
BRITVIC PLC	\$290,041.72
BROADCOM INC	\$7,283,227.38
BROOKFIELD INFRASTRUCTURE A	\$658,538.10
BROTHER INDUSTRIES LTD	\$447,199.97
BRP INC/CA SUB VOTING	\$1,735,775.56
BRUNELLO CUCINELLI SPA	\$921,468.04
BTN	\$2,247.06
BTS RAIL MASS TRANSIT FUND F	\$29,514.42
BUCHER INDUSTRIES AG REG	\$1,390,088.63
BUKIT ASAM TBK PT	\$1,382,597.43
BUNKA SHUTTER CO LTD	\$528,198.87
BURBERRY GROUP PLC	\$1,805,238.87
BW LPG LTD	\$504,622.86
BYRON ENERGY LTD	\$19,231.34
CAFE DE CORAL HOLDINGS LTD	\$64,907.53
CAMIL ALIMENTOS SA	\$742,098.77
CANADA GOOSE HOLDINGS INC	\$303,899.04
CANADIAN DOLLAR	\$105,698.44
CANADIAN PACIFIC RAILWAY LTD	\$1,355,983.62
CANADIAN UTILITIES LTD A	\$1,717,609.51
CANADIAN WESTERN BANK	\$1,129,494.43
CANON INC	\$1,774,610.63
CANON MARKETING JAPAN INC	\$79,286.82
CAPGEMINI SE	\$1,673,529.70
CAPITAL POWER CORP	\$75,224.92
CAPSTONE COPPER CORP	\$502,013.67
CAREL INDUSTRIES SPA	\$419,193.20
CARL ZEISS MEDITEC AG BR	\$459,652.31
CARLIT HOLDINGS CO LTD	\$31,331.24
CARLSBERG AS B	\$5,301,624.58
CARLSBERG BREWERY MALAYSIA B	\$59,732.12
CARSALES.COM LTD	\$335,431.82
CATANA GROUP	\$9,712.02

CATCHER TECHNOLOGY CO LTD	\$296,920.50
CBO TERRITORIA	\$10,722.26
CELESTICA INC	\$226,374.41
CELLAVISION AB	\$38,307.69
CENTERRA GOLD INC	\$614,626.37
CENTRAL RETAIL CORP PCL NVDR	\$561,650.06
CENTRAL SECURITY PATROLS CO	\$24,733.03
CENTRICA PLC	\$2,408,030.76
CENTURY PACIFIC FOOD INC	\$809,081.33
CGI INC	\$4,181,042.40
CHAMPION IRON LTD	\$145,793.50
CHECK POINT SOFTWARE TECH	\$3,334,787.28
CHENGDU HONGQI CHAIN CO LT A	\$974,602.18
CHIA CHANG CO LTD	\$105,139.67
CHIBA KOGYO BANK LTD/THE	\$112,762.89
CHICONY ELECTRONICS CO LTD	\$853,301.76
CHIEN KUO CONSTRUCTION CO	\$15,578.08
CHILLED + FROZEN LOGISTICS H	\$16,575.09
CHINA BLUECHEMICAL LTD H	\$43,176.50
CHINA CONSTRUCTION BANK H	\$4,620,625.37
CHINA LONGYUAN POWER GROUP H	\$2,065,689.08
CHINA MENGNIU DAIRY CO	\$4,358,695.44
CHINA PACIFIC INSURANCE GR A	\$209,763.80
CHINA RAILWAY TIELONG CONT A	\$228,824.09
CHINA RESOURCES BEER HOLDING	\$3,676,295.17
CHINA RESOURCES PHARMACEUTIC	\$769,660.28
CHINA SOUTH CITY HOLDINGS	\$8.61
CHINA TOWER CORP LTD H	\$1,334,752.95
CHINESE UNIVERSE PUBLISHIN A	\$228,935.51
CHIPMOS TECHNOLOGIES INC	\$28,338.57
CHIPMOS TECHNOLOGIES INC ADR	\$40,588.42
CHORI CO LTD	\$27,855.55
CHULARAT HOSPITAL PCL NVDR	\$4,133.16
CIA DE DISTRIBUCION INTEGRAL	\$189,129.85
CIA DE SANEAMENTO DO PA UNIT	\$229,181.31
CIA DE TRANSMISSAO DE ENE PF	\$168,151.90
CIA ENERGETICA MINAS GER PRF	\$829,711.88
CIA PARANAENSE DE ENERGI PFB	\$653,804.44
CIE FINANCIERE RICHEMO A REG	\$7,944,994.93
CIECH SA	\$18,932.89
CIKARANG LISTRINDO TBK PT	\$229,358.22

CIPUTRA DEVELOPMENT TBK PT	\$63,425.47
CITIZEN WATCH CO LTD	\$159,098.11
CLARKSON PLC	\$287,728.85
CLEARVIEW WEALTH LTD	\$5,938.17
CMIC HOLDINGS CO LTD	\$32,431.70
CNH INDUSTRIAL NV	\$688,686.30
COASTAL CONTRACTS BHD	\$64,132.58
COATS GROUP PLC	\$601,487.64
COCA COLA EUROPACIFIC PARTNE	\$7,063,700.16
COCHLEAR LTD	\$2,164,535.77
COFACE SA	\$654,480.06
COGECO COMMUNICATIONS INC	\$2,712,288.88
COGECO INC	\$25,428.94
COLOPL INC	\$71,393.38
COMET HOLDING AG REG	\$344,956.77
COMPANHIA BRASILEIRA DE ALUM	\$276,950.61
COMPASS GROUP PLC	\$2,659,857.62
COMPUTER ENGINEER + CONSULT	\$74,115.73
COMPUTER MODELLING GROUP LTD	\$749,107.35
COMPUTERSHARE LTD	\$67,107.96
CONSTRUCC Y AUX DE FERROCARR	\$494,286.48
CONTEMPORARY AMPEREX TECHN A	\$1,799,668.57
CONTINENTAL AG	\$1,624,874.66
CONTREL TECHNOLOGY CO LTD	\$197,616.76
CONVATEC GROUP PLC	\$634,554.66
CORE CORP	\$38,595.63
CORONADO GLOBAL RESOURCE CDI	\$3,076,226.10
CORP ACCIONA ENERGIAS RENOVA	\$384,932.57
COUPANG INC	\$1,076,036.50
CPMC HOLDINGS LTD	\$48,661.43
CREEK + RIVER CO LTD	\$42,902.72
CRESCENT POINT ENERGY CORP	\$1,328,673.31
CREW ENERGY INC	\$460,804.46
CRH PLC	\$3,437,629.20
CRITEO SA SPON ADR	\$137,909.52
CRONOS AUSTRALIA LTD	\$8,268.79
CRYSTAL INTERNATIONAL GROUP	\$67,716.64
CSC STEEL HOLDINGS BHD	\$35,644.49
CSL LTD	\$3,119,774.26
CYBERARK SOFTWARE LTD/ISRAEL	\$380,522.75
D AMICO INTERNATIONAL SHIPPI	\$121,559.75

DAEDUCK CO LTD	\$98,746.12
DAEHAN FLOUR MILLS CO LTD	\$85,504.15
DAESANG CORPORATION	\$67,509.85
DAESANG HOLDINGS CO LTD	\$48,833.31
DAEWON SAN UP CO LTD	\$13,076.58
DAH SING FINANCIAL HOLDINGS	\$17,605.24
DAI ICHI LIFE HOLDINGS INC	\$705,698.59
DAI NIPPON PRINTING CO LTD	\$104,437.46
DAIHATSU DIESEL MFG CO LTD	\$38,265.94
DAIHEN CORP	\$96,790.33
DAISHIN SECURITIES CO LTD	\$49,896.32
DAISUE CONSTRUCTION CO LTD	\$47,725.98
DAITO PHARMACEUTICAL CO LTD	\$92,693.17
DAITRON CO LTD	\$38,049.19
DANAOS CORP	\$280,151.20
DANISH KRONE	\$160.75
DAOU TECHNOLOGY INC	\$168,783.87
DAQIN RAILWAY CO LTD A	\$1,164,630.23
DARE POWER DEKOR HOME CO L A	\$77,212.77
DATAGROUP SE	\$28,844.55
DATASONIC GROUP BHD	\$43,420.66
DB HITEK CO LTD	\$513,489.68
DBS GROUP HOLDINGS LTD	\$4,991,389.20
DCC PLC	\$1,902,030.98
DDH1 LTD	\$54,019.24
DECHRA PHARMACEUTICALS PLC	\$43,427.38
DEFINITY FINANCIAL CORP	\$70,629.74
DELEK GROUP LTD	\$356,454.58
DELTA PROPERTY FUND LTD	\$668.10
DENA CO LTD	\$25,430.29
DENSO CORP	\$1,089,787.41
DENYO CO LTD	\$18,868.47
DERICHEBOURG	\$20,931.50
DERMAPHARM HOLDING SE	\$35,318.10
DESCARTES SYSTEMS GRP/THE	\$504,778.73
DETERRA ROYALTIES LTD	\$1,247,750.28
DEUTSCHE BOERSE AG	\$5,832,867.44
DFDS A/S	\$179,277.80
DGB FINANCIAL GROUP INC	\$790,784.87
DHARMA SATYA NUSANTARA PT	\$56,413.68
DIGITAL ARTS INC	\$25,328.74

DIGITAL HOLDINGS INC	\$91,388.08
DIPLOMA PLC	\$533,044.73
DISCO CORP	\$4,406,002.50
DKK CO LTD	\$30,315.66
DMCI HOLDINGS INC	\$279,481.41
DNB BANK ASA	\$2,343,605.12
DNO ASA	\$236,827.01
DO + CO AG	\$808,568.09
DOMETIC GROUP AB	\$763,173.90
DONGWON DEVELOPMENT CO LTD	\$46,614.23
DONGWON F+B CO LTD	\$88,029.26
DONGWON INDUSTRIES CO.	\$260,507.12
DONGYANG E+P INC	\$46,085.41
DOR ALON ENERGY IN ISRAEL	\$19,494.69
DOTDIGITAL GROUP PLC	\$81,442.05
DRAEGERWERK AG PEF	\$20,808.43
DRECOM CO LTD	\$1,825.76
DSV A/S	\$747,801.40
DUNDEE PRECIOUS METALS INC	\$506,746.53
DUSKIN CO LTD	\$269,845.77
DYNAM JAPAN HOLDINGS CO LTD	\$10,816.87
E CREDIBLE CO LTD	\$23,913.17
E INK HOLDINGS INC	\$151,909.03
EBARA FOODS INDUSTRY INC	\$17,607.34
ECLIPX GROUP LTD	\$33,066.46
ECO WORLD DEVELOPMENT GROUP	\$137,404.77
ECONOCOM GROUP	\$100,274.44
ECORA RESOURCES PLC	\$59,558.92
EDP ENERGIAS DO BRASIL SA	\$2,092,880.34
EGYPTIAN POUND	\$1,748.17
EHIME BANK LTD/THE	\$69,422.87
EIKEN CHEMICAL CO LTD	\$138,590.33
EIZO CORP	\$218,045.40
EJ HOLDINGS INC	\$33,263.86
ELECOM CO LTD	\$118,685.81
ELECTROLUX PROFESSIONAL AB B	\$443,213.05
ELEMATEC CORP	\$45,696.31
ELIS SA	\$665,536.66
ELKEM ASA	\$3,966,019.13
EMAAR MISR FOR DEVELOPMENT	\$57,569.46
EMPIRE CO LTD A	\$163,173.55

EN JAPAN INC	\$418,865.44
ENAUTA PARTICIPACOES SA	\$7,392.11
ENDAVA PLC SPON ADR	\$527,926.50
ENDO LIGHTING CORP	\$57,601.27
ENGHOUSE SYSTEMS LTD	\$45,130.08
ENGIE	\$4,148,718.57
ENN ENERGY HOLDINGS LTD	\$1,923,804.76
ENPLAS CORP	\$87,763.84
ENSIGN ENERGY SERVICES INC	\$156,828.04
EPIROC AB A	\$1,725,276.34
EQUINOR ASA	\$5,883,927.31
EQUITAL LTD	\$1,542.98
ERAMET	\$54,319.75
ERGOMED PLC	\$130,271.81
ERNST RUSS AG	\$41,025.86
ERO COPPER CORP	\$253,279.49
ESKER SA	\$202,461.29
ESR GROUP LTD	\$2,653,136.28
ESSO THAILAND PCL NVDR	\$1,036,339.54
EURO CURRENCY	\$56,228.46
EURONAV NV	\$363,369.65
EVERGREEN MARINE CORP LTD	\$997,022.99
EVERLIGHT ELECTRONICS CO LTD	\$128,634.64
EVN AG	\$110,672.07
EXOR NV	\$1,434,755.73
EXPERIAN PLC	\$1,482,763.16
EXXARO RESOURCES LTD	\$481,824.10
EZAKI GLICO CO LTD	\$54,871.35
F SECURE CORP	\$30,402.50
FAGERHULT AB	\$30,793.17
FAIRFAX FINANCIAL HLDGS LTD	\$2,131,039.52
FALCO HOLDINGS CO LTD	\$43,918.30
FANUC CORP	\$3,367,342.45
FARFETCH LTD CLASS A	\$437,804.07
FERGUSON PLC	\$1,992,549.40
FERREXPO PLC	\$379,224.37
FIBERHOME TELECOM TECH CO A	\$571,497.48
FIBI HOLDINGS	\$199,469.07
FIBRA MACQUARIE MEXICO	\$164,445.19
FINECOBANK SPA	\$4,238,803.14
FINNING INTERNATIONAL INC	\$2,560,092.73

FIRST BANK OF TOYAMA LTD/THE	\$56,307.55
FIRST GEN CORPORATION	\$57,908.03
FIRST INTL BANK ISRAEL	\$470,200.94
FIRST PACIFIC CO	\$24,479.34
FIRSTGROUP PLC	\$145,704.06
FISKARS OYJ ABP	\$452,591.43
FIT HON TENG LTD	\$1,662,861.39
FLATEXDEGIRO AG	\$253,205.27
FLOW TRADERS	\$808,681.22
FLUTTER ENTERTAINMENT PLC DI	\$2,811,621.82
FORTERRA PLC	\$1,668,144.17
FORTNOX AB	\$305,874.78
FOUNTAIN SET HLDGS	\$17,022.53
FOUNTAINE PAJOT SA	\$14,185.03
FRASERS GROUP PLC	\$658,069.78
FUDO TETRA CORP	\$53,324.49
FUFENG GROUP LTD	\$124,151.98
FUJI OIL HOLDINGS INC	\$705,874.42
FUJI PHARMA CO LTD	\$17,832.43
FUJITSU LIMITED	\$40,050.78
FUKUDA DENSHI CO LTD	\$48,436.85
FUKUYAMA TRANSPORTING CO LTD	\$55,750.50
FULLCAST HOLDINGS CO LTD	\$151,960.29
FURYU CORP	\$89,962.48
FUSO PHARMACEUTICAL INDUST	\$19,685.48
G BITS NETWORK TECHNOLOGY A	\$387,016.70
GAKUJO CO LTD	\$158,272.76
GALLIFORD TRY HOLDINGS PLC	\$25,952.23
GALP ENERGIA SGPS SA	\$4,289,581.28
GAMES WORKSHOP GROUP PLC	\$1,574,995.49
GAZTRANSPORT ET TECHNIGA SA	\$164,027.71
GEAR ENERGY LTD	\$139,274.51
GECOSS CORP	\$18,396.30
GENERTEC UNIVERSAL MEDICAL G	\$867,841.56
GENFIT	\$95,000.31
GENMAB A/S	\$3,003,531.36
GENTING PLANTATIONS BHD	\$265,153.23
GENTING SINGAPORE LTD	\$624,182.08
GEO ENERGY RESOURCES LTD	\$85,926.78
GERDAU SA SPON ADR	\$2,230,077.14
GERRESHEIMER AG	\$1,231,753.66

GIANT MANUFACTURING	\$456,638.09
GIKEN LTD	\$24,185.08
GILDAN ACTIVEWEAR INC	\$1,537,303.22
GL EVENTS	\$83,504.93
GLENCORE PLC	\$3,240,885.67
GLOBAL GREEN CHEMICALS NVDR	\$34,142.34
GLOBAL UNICHIP CORP	\$250,264.35
GLORY LTD	\$799,813.56
GMEXICO TRANSPORTES SAB DE C	\$11,147.95
GMO FINANCIAL GATE INC	\$415,809.62
GOLAR LNG LTD	\$420,794.56
GOLDEN AGRI RESOURCES LTD	\$65,612.88
GOLDTEK TECHNOLOGY CO LTD	\$14,574.58
GOODBABY INTERNATIONAL HOLDI	\$17,762.89
GRAINCORP LTD A	\$195,865.66
GRANDY HOUSE CORP	\$64,124.45
GRANGE RESOURCES LTD	\$28,959.56
GRANGES AB	\$899,516.11
GREAT WEST LIFECO INC	\$586,752.28
GREENTOWN MANAGEMENT HOLDING	\$106,086.52
GREGGS PLC	\$1,360,798.75
GRIEG SEAFOOD ASA	\$53,873.43
GROUPE SFPI	\$15,056.86
GRUPO AEROPORTUARIO DEL CENT	\$299,766.85
GRUPO FINANCIERO BANORTE O	\$2,743,305.91
GRUPO HERDEZ SAB SERIES	\$28,281.74
GS HOLDINGS	\$1,763,915.54
GSK PLC	\$2,378,880.03
GSK PLC SPON ADR	\$1,976,765.56
GUANGDONG ZHONGNAN IRON+ S A	\$23,573.37
GUERBET	\$54,392.16
GUN EI CHEMICAL INDUSTRY CO	\$23,281.67
GUNGHO ONLINE ENTERTAINMENT	\$457,278.41
GUNZE LTD	\$111,940.58
GUOTAI JUNAN INTERNATIONAL	\$4,049.00
H LUNDBECK A/S A SHS	\$48,641.81
H.U. GROUP HOLDINGS INC	\$408,311.80
H+R REAL ESTATE INV REIT UTS	\$746,289.53
HALEON PLC	\$2,148,248.65
HAMAKYOREX CO LTD	\$23,835.69
HANA MICROELECTRONICS FOREIG	\$985,540.64

HANGCHA GROUP CO LTD A	\$212,793.99
HANGZHOU ELECTRONIC SOUL N A	\$172,715.02
HANWHA CORPORATION	\$389,790.75
HANWHA CORPORATION 3P	\$43,176.51
HANYANG ENG CO LTD	\$74,758.32
HARBIN ELECTRIC CO LTD H	\$36,092.48
HARGREAVES LANSDOWN PLC	\$1,315,376.90
HARUM ENERGY TBK PT	\$167,031.44
HDFC BANK LTD ADR	\$11,853,674.34
HEALIUS LTD	\$309,148.54
HECTO INNOVATION CO LTD	\$27,511.55
HEINEKEN MALAYSIA BHD	\$212,240.64
HEINEKEN NV	\$3,524,436.43
HELIA GROUP LTD	\$57,730.23
HELLENIQ ENERGY HOLDINGS SA	\$60,518.27
HEROUX DEVTEK INC	\$24,370.08
HEXATRONIC GROUP AB	\$171,579.87
HEY SONG CORP	\$36,062.53
HIKMA PHARMACEUTICALS PLC	\$56,697.80
HIM INTERNATIONAL MUSIC INC	\$23,747.78
HIMACS LTD	\$10,989.43
HIROSHIMA GAS CO LTD	\$27,896.47
HISAMITSU PHARMACEUTICAL CO	\$208,230.70
HITACHI LTD	\$2,150,126.19
HITE JINRO CO LTD	\$770,480.50
HMS NETWORKS AB	\$208,789.06
HODOGAYA CHEMICAL CO LTD	\$70,429.35
HOIST FINANCE AB	\$275,685.18
HOKUETSU INDUSTRIES CO LTD	\$36,015.01
HOKUHOKU FINANCIAL GROUP INC	\$189,557.77
HONEYS HOLDINGS CO LTD	\$61,233.09
HONG KONG DOLLAR	\$371.82
HORIBA LTD	\$160,680.58
HORNBACK HOLDING AG + CO KGA	\$40,315.62
HOSOKAWA MICRON CORP	\$455,486.76
HOYA CORP	\$4,853,022.10
HUAKU DEVELOPMENT CO LTD	\$84,846.16
HUGO BOSS AG ORD	\$140,921.85
HUHTAMAKI OYJ	\$1,401,836.52
HUIJING HOLDINGS CO LTD	\$37,614.59
HUNTING PLC	\$53,587.70

HURXLEY CORP	\$27,049.15
HUSQVARNA AB B SHS	\$1,323,268.84
HUTCHISON PORT HOLDINGS TR U	\$61,769.60
HUUUGE INC	\$70,137.73
HY LOK CORP	\$54,520.76
HYAKUJUSHI BANK LTD/THE	\$39,145.86
HYUNDAI CORP	\$25,879.00
HYUNDAI GREENFOOD CO LTD	\$89,009.51
HYUNDAI MARINE + FIRE INS CO	\$379,111.98
I NET CORP	\$18,691.12
I PEX INC	\$152,547.65
I SENS INC	\$529,990.51
IA FINANCIAL CORP INC	\$29,252.00
IBSTOCK PLC	\$2,485,487.76
ICHIYOSHI SECURITIES CO LTD	\$53,222.18
ICICI BANK LTD SPON ADR	\$3,461,159.24
ICL GROUP LTD	\$20,570.61
ICON PLC	\$7,814,871.75
ID HOLDINGS CORP	\$24,908.11
IDEC CORP	\$825,465.16
IDOM INC	\$678,367.50
IDP EDUCATION LTD	\$567,801.37
IGG INC	\$48,674.24
IGO LTD	\$727,091.93
IHI CORP	\$483,739.44
ILUKA RESOURCES LTD	\$1,265,261.64
IMAGE RESOURCES NL	\$5,336.01
IMAX CORP	\$770,470.96
IMCD NV	\$2,000,828.19
IMDEX LTD	\$52,819.09
IMI PLC	\$133,413.30
INABA SEISAKUSHO CO LTD	\$63,435.52
INCHEON CITY GAS CO LTD	\$15,091.81
INCITEC PIVOT LTD	\$1,991,366.99
IND + COMM BK OF CHINA H	\$792,673.88
INDIKA ENERGY TBK PT	\$436,589.56
INDO TAMBANGRAYA MEGAH TBK P	\$625,954.23
INDONESIAN RUPIAH	\$11,305.43
INDUSTRIA DE DISENO TEXTIL	\$1,424,769.26
INES CORP	\$97,387.55
INFINEON TECHNOLOGIES AG	\$3,517,597.62

INFINITT HEALTHCARE CO LTD	\$61,104.20
INFOCOM CORP	\$248,024.55
INMODE LTD	\$1,990,382.10
INNOCEAN WORLDWIDE INC	\$26,749.94
INNOPRISE PLANTATIONS BHD	\$122,327.13
INPLAY OIL CORP	\$83,680.28
INSOURCE CO LTD	\$466,694.46
INTAI TECHNOLOGY CORP	\$27,590.25
INTEGRATED DIAGNOSTICS HOLDI	\$20,984.77
INTERFOR CORP	\$57,345.29
INTERNATIONAL PETROLEUM CORP	\$90,607.45
INTERNET INITIATIVE JAPAN	\$1,225,510.63
INTERPUMP GROUP SPA	\$1,474,853.98
INTERTEK GROUP PLC	\$1,220,889.09
INVESTEC LTD	\$110,886.42
INVESTEC PLC	\$1,339,271.64
INVESTOR AB B SHS	\$8,087,766.30
INVINCIBLE INVESTMENT CORP	\$610,322.48
IPH LTD	\$86,423.80
IPSOS	\$188,363.67
IR JAPAN HOLDINGS LTD	\$50,671.87
ISB CORP	\$65,769.07
ISEKI + CO LTD	\$6,217.74
ISHARES CORE MSCI EAFE ETF	\$136,043,548.24
ISHARES CORE MSCI EMERGING MAR	\$65,550,128.10
ISHARES MSCI EAFE SMALL CAP ET	\$1,222,396.64
ISHARES MSCI INDIA SMALL CAP E	\$2,873,249.36
ISHIHARA SANGYO KAISHA LTD	\$52,366.52
ISRACARD LTD	\$51,395.79
ISRAEL CORP LIMITED/THE	\$557,710.08
ISRAEL DISCOUNT BANK A	\$1,881,393.36
ISRAMCO NEGEV 2 LP	\$49,270.85
ISRAS INVESTMENT COMPANY LTD	\$28,312.31
ISS A/S	\$540,315.98
ITFOR INC	\$58,995.03
ITURAN LOCATION AND CONTROL	\$26,475.89
IWAKI CO LTD	\$60,593.43
JAFCO GROUP CO LTD	\$1,653,411.71
JAPAN AIRPORT TERMINAL CO	\$529,546.40
JAPAN MEDICAL DYNAMIC MKT	\$15,022.93
JAPAN POST HOLDINGS CO LTD	\$3,613,264.24

JAPAN POST INSURANCE CO LTD	\$578,732.81
JAPAN SYSTEM TECHNIQUES CO	\$64,610.25
JAPAN TRANCITY CORP	\$19,364.13
JAPANESE YEN	\$48,803.38
JARDINE CYCLE + CARRIAGE LTD	\$251,625.41
JAYA KONSTRUKSI MANGGALA	\$51,178.22
JB FINANCIAL GROUP CO LTD	\$50,565.88
JBS SA	\$2,379,863.82
JD.COM INC ADR	\$3,958,680.51
JENOPTIK AG	\$1,049,446.48
JERONIMO MARTINS	\$2,879,251.21
JINHUI SHIPPING + TRANSPORTA	\$19,536.47
JIUTIAN CHEMICAL GROUP LTD	\$62,145.09
JK HOLDINGS CO LTD	\$24,858.84
JLS CO LTD	\$31,349.37
JMDC INC	\$254,969.87
JNBY DESIGN LTD	\$352,043.90
JOHNS LYNG GROUP LTD	\$293,863.39
JOHNSON HEALTH TECH CO LTD	\$606,009.34
JOHNSON SERVICE GROUP PLC	\$329,127.62
JOINTOWN PHARMACEUTICAL A	\$578,121.61
JP HOLDINGS INC	\$65,496.99
JUMBO SA	\$957,516.13
JUPITER MINES LTD	\$105,103.49
JUST GROUP PLC	\$152,394.13
JUSTSYSTEMS CORP	\$64,049.41
JYSKE BANK REG	\$681,692.70
K S AG REG	\$634,131.92
KAGA ELECTRONICS CO LTD	\$40,247.83
KAKEN PHARMACEUTICAL CO LTD	\$112,031.53
KAKIYASU HONTEN CO LTD	\$25,259.01
KAMIGUMI CO LTD	\$142,551.82
KANADEN CORP	\$28,993.14
KANAMOTO CO LTD	\$331,015.95
KANEMATSU CORP	\$77,304.94
KANZHUN LTD ADR	\$448,221.48
KAO CORP	\$756,716.81
KAWADA TECHNOLOGIES INC	\$24,745.16
KAWAN FOOD BHD	\$30,439.95
KELT EXPLORATION LTD	\$333,149.56
KEPLER WEBER SA	\$99,510.96

KERING	\$1,371,710.74
KERUR HOLDINGS LTD	\$47,308.36
KEYENCE CORP	\$2,883,837.96
KINAXIS INC	\$681,770.33
KINDEN CORP	\$39,234.53
KINEPOLIS	\$714,273.01
KING YUAN ELECTRONICS CO LTD	\$1,104,768.10
KINGNET NETWORK CO LTD A	\$426,154.18
KISCO HOLDINGS CO LTD	\$37,005.54
KITA NIPPON BANK LTD/THE	\$16,120.35
KLAVENESS COMBINATION CARRIE	\$26,196.49
KOBE STEEL LTD	\$33,573.08
KOKUYO CO LTD	\$121,101.97
KOMATSU LTD	\$1,475,654.25
KOMATSU WALL INDUSTRY CO LTD	\$29,274.56
KOMORI CORP	\$147,217.40
KONGSBERG GRUPPEN ASA	\$1,197,734.64
KONICA MINOLTA INC	\$234,852.40
KONINKLIJKE DSM NV	\$2,114,150.13
KOOK SOON DANG BREWERY CO	\$25,089.06
KOREA REAL ESTATE INVEST	\$39,820.06
KRUNG THAI BANK NVDR	\$498,625.38
KSB SE + CO KGAA VORZUG	\$8,938.21
KT CORP	\$1,019,452.91
KUEHNE NAGEL INTL AG REG	\$1,680,057.93
KUMAGAI GUMI CO LTD	\$281,155.78
KURIYAMA HOLDINGS CORP	\$38,907.12
KYOBO SECURITIES CO LTD	\$28,731.37
KYODO PRINTING CO LTD	\$54,149.84
KYOKUTO KAIHATSU KOGYO CO	\$36,090.04
KYOKUTO SECURITIES	\$44,450.33
KYOSAN ELECTRIC MFG CO LTD	\$23,459.77
KYUNG DONG CITY GAS CO LTD	\$145,417.48
L+F CO LTD	\$223,924.08
LA FRANCAISE DES JEUX SAEM	\$85,067.45
LABORATORIOS FARMACEUTICOS R	\$123,152.06
LAC CO LTD	\$25,449.24
LALIN PROPERTY PCL NVDR	\$51,917.42
LAM SOON (THAILAND) PCL NVDR	\$22,824.46
LANNA RESOURCES PCL NVDR	\$433,416.20
LAURENT PERRIER	\$18,162.45

LAWSON INC	\$106,741.45
LEE S PHARMACEUTICAL HLDGS	\$9,502.30
LEON S FURNITURE LTD	\$5,480.70
LEONARDO SPA	\$1,106,419.06
LEONTEQ AG	\$204,235.62
LF CORP	\$36,213.52
LG UPLUS CORP	\$464,204.86
LI NING CO LTD	\$5,099,728.37
LIFEDRINK CO INC	\$47,710.79
LINAMAR CORP	\$624,333.00
LINDE PLC	\$3,505,782.64
LINGKARAN TRANS KOTA HLDGS	\$4,098.52
LIU CHONG HING INVESTMENT	\$3,208.41
LOGITECH INTERNATIONAL REG	\$2,506,658.84
LONGI GREEN ENERGY TECHNOL A	\$1,938,742.93
LONZA GROUP AG REG	\$1,314,440.55
LOOK HOLDINGS INC	\$25,539.43
LPN DEVELOPMENT NVDR	\$42,471.72
LT GROUP INC	\$150,627.25
LU VE SPA	\$30,073.12
LUK FOOK HOLDINGS INTL LTD	\$14,862.36
LVMH MOET HENNESSY LOUIS VUI	\$7,121,263.67
LYNAS RARE EARTHS LTD	\$897,655.43
M DIAS BRANCO SA	\$1,212,712.91
M UP HOLDINGS INC	\$489,408.47
M+A CAPITAL PARTNERS CO LTD	\$97,934.75
M+A RESEARCH INSTITUTE HOLDI	\$318,382.66
MACAUTO INDUSTRIAL CO LTD	\$55,069.87
MACMAHON HOLDINGS LTD	\$19,845.02
MAEIL DAIRIES CO.	\$89,899.88
MAGNA INTERNATIONAL INC	\$2,998,446.36
MAGNI TECH INDUSTRIES BHD	\$14,424.68
MAH SING GROUP BHD	\$64,336.89
MAINFREIGHT LTD	\$297,423.78
MAJOR CINEPLEX GROUP FOREIGN	\$677,764.11
MAJOR DRILLING GROUP INTL	\$198,047.28
MAKEMYTRIP LTD	\$1,400,473.29
MAKINO MILLING MACHINE CO	\$229,716.93
MALAKOFF CORP BHD	\$145,434.73
MALAYSIAN RINGGIT	\$88,681.31
MAN GROUP PLC/JERSEY	\$2,738,332.34

MANDOM CORP	\$36,615.26
MANULIFE FINANCIAL CORP	\$1,577,382.93
MARFRIG GLOBAL FOODS SA	\$110,238.17
MARR SPA	\$503,309.75
MARTINREA INTERNATIONAL INC	\$162,133.36
MARUZEN SHOWA UNYU CO LTD	\$39,103.41
MATAS A/S	\$409,886.44
MATCHING SERVICE JAPAN CO LT	\$50,981.85
MATSUKIYOCOCOKARA + CO	\$3,021,258.86
MAVI GIYIM SANAYI VE TICA B	\$133,375.85
MAXELL LTD	\$251,313.80
MAYORA INDAH PT	\$33,531.40
MEDACTA GROUP SA	\$477,482.71
MEDCO ENERGI INTERNASIONAL T	\$222,442.62
MEDIA NUSANTARA CITRA TBK PT	\$62,403.85
MEDIPAL HOLDINGS CORP	\$151,741.26
MEDISTIM ASA	\$21,127.91
MEDMIX AG	\$372,297.45
MEG ENERGY CORP	\$1,720,908.52
MEGA FIRST CORP BHD	\$57,355.73
MEGAWORLD CORP	\$84,769.64
MEIJI HOLDINGS CO LTD	\$623,199.06
MEIKO NETWORK JAPAN CO LTD	\$11,331.99
MEISEI INDUSTRIAL CO LTD	\$28,520.97
MEITEC CORP	\$1,654,292.32
MEITUAN CLASS B	\$2,793,427.25
MELCO HOLDINGS INC	\$43,703.82
MELCOR DEVELOPMENTS LTD	\$8,646.08
MENICON CO LTD	\$501,090.60
MENORA MIVTACHIM HOLDINGS LT	\$10,992.77
MENSCH UND MASCHINE SOFTWARE	\$37,521.93
MERAFA RESOURCES LTD	\$35,769.01
MERCADOLIBRE INC	\$3,542,360.64
MERCK KGAA	\$7,114,847.57
MERIDA INDUSTRY CO LTD	\$646,581.31
METALL ZUG AG SHS B REG	\$24,967.57
METAWATER CO LTD	\$32,040.62
METSO OUTOTEC OYJ	\$782,510.94
METTLER TOLEDO INTERNATIONAL	\$3,476,307.25
MEXICAN PESO (NEW)	\$89,134.40
MI CHANG OIL INDUSTRIAL CO	\$38,799.29

MIGROS TICARET A.S	\$223,661.08
MILLION HOPE INDUSTRIES HOLD	\$531.99
MIMAKI ENGINEERING CO LTD	\$14,073.29
MIMASU SEMICONDUCTOR INDUST	\$62,097.84
MINERAL RESOURCES LTD	\$1,765,506.31
MINERVA SA	\$321,069.75
MINSHENG EDUCATION GROUP CO	\$45,227.71
MIROKU JYOHO SERVICE CO LTD	\$27,340.94
MITRABAHTERA SEGARA SEJATI T	\$26,114.60
MITSUBISHI ELECTRIC CORP	\$92,580.62
MITSUBISHI PAPER MILLS LTD	\$23,807.65
MITSUBISHI PENCIL CO LTD	\$108,530.07
MITSUBISHI SHOKUHIN CO LTD	\$153,700.41
MITSUBOSHI BELTING LTD	\$44,063.81
MIXI INC	\$442,943.65
MIYAJI ENGINEERING GROUP INC	\$21,766.65
MIYAZAKI BANK LTD/THE	\$61,975.82
MIZUNO CORP	\$36,243.13
MK RESTAURANTS GROUP NVDR	\$68,698.57
MKH BHD	\$23,529.85
MOBILEZONE HOLDING AG REG	\$528,732.08
MOL HUNGARIAN OIL AND GAS PL	\$261,665.50
MONETA MONEY BANK AS	\$415,397.49
MONTANA AEROSPACE AG	\$738,916.08
MORGAN SINDALL GROUP PLC	\$21,146.63
MORGUARD CORP	\$24,899.81
MORINAGA + CO LTD	\$324,244.95
MOTOR OIL (HELLAS) SA	\$487,917.29
MPC CONTAINER SHIPS AS	\$90,255.05
MS+AD INSURANCE GROUP HOLDIN	\$534,622.76
MSCI EMF	\$8,272,616.33
MTU AERO ENGINES AG	\$2,214,301.78
MULLEN GROUP LTD	\$684,906.12
MULTICAMPUS CO LTD	\$27,190.35
MULTICONSULT ASA	\$31,719.83
MUNTERS GROUP AB	\$1,414,933.01
MURAMOTO ELECTRON THAI NVDR	\$82,526.35
MURATA MANUFACTURING CO LTD	\$1,792,483.23
MUSASHINO BANK LTD/THE	\$81,579.45
NAGANO BANK LTD/THE	\$11,171.32
NAGOYA RAILROAD CO LTD	\$366,620.94

NAIGAI TRANS LINE LTD	\$28,784.72
NAKANO CORP	\$5,968.46
NAN PAO RESINS CHEMICAL CO L	\$428,397.13
NATIONAL BANK OF GREECE	\$341,097.34
NATWEST GROUP PLC	\$2,345,652.28
NAVER CORP	\$1,403.72
NAVIGATOR CO SA/THE	\$270,027.38
NAYAX LTD	\$429,361.99
NCS+A CO LTD	\$23,096.74
NEC NETWORKS + SYSTEM INTEGR	\$98,910.91
NEMETSCHKE SE	\$901,286.38
NEO PERFORMANCE MATERIALS IN	\$57,807.59
NESTLE SA REG	\$3,502,315.35
NET INSIGHT AB B	\$168,504.44
NETUREN CO LTD	\$113,701.92
NEW ENERGY SOLAR LTD NEW	\$8,936.20
NEW HOPE CORP LTD	\$1,195,137.42
NEW ISRAELI SHEQEL	\$5,751.32
NEW TAIWAN DOLLAR	\$3,043.70
NEW WAVE GROUP AB B SHS	\$174,675.87
NEW WORK SE	\$28,826.62
NEW ZEALAND DOLLAR	\$52,283.79
NEWLAND DIGITAL TECHNOLOGY A	\$111,540.49
NEXTAGE CO LTD	\$317,632.35
NEXTDC LTD	\$549,437.34
NEXUS AG	\$142,628.29
NHN CORP	\$140,834.16
NIBE INDUSTRIER AB B SHS	\$700,281.16
NICE HOLDINGS CO LTD	\$90,794.78
NICE LTD SPON ADR	\$907,463.70
NICHIAS CORP	\$68,025.31
NICHIHA CORP	\$992,389.25
NIDEC CORP	\$1,554,966.08
NIEN MADE ENTERPRISE CO LTD	\$632,395.76
NIHON CHOUZAI CO LTD	\$44,236.61
NIHON FLUSH CO LTD	\$25,228.69
NIHON PARKERIZING CO LTD	\$329,147.75
NIKKON HOLDINGS CO LTD	\$90,910.61
NILFISK HOLDING A/S	\$96,928.92
NINETY ONE LTD	\$35,451.98
NINETY ONE PLC	\$336,357.67

NIPPON GAS CO LTD	\$656,418.96
NIPPON SHINYAKU CO LTD	\$130,387.66
NIPPON TELEVISION HOLDINGS	\$208,486.87
NISHI NIPPON FINANCIAL HOLDI	\$132,832.62
NISHIMATSUYA CHAIN CO LTD	\$50,513.47
NISHIO HOLDINGS CO LTD	\$54,299.14
NISHOKU TECHNOLOGY INC	\$14,852.53
NISSAN TOKYO SALES HOLDINGS	\$13,354.82
NISSEI ASB MACHINE CO LTD	\$893,080.45
NISSHINBO HOLDINGS INC	\$87,105.99
NISSIN CORP	\$87,619.84
NISSIN ELECTRIC CO LTD	\$101,143.66
NISSO CORP	\$59,910.57
NITTA CORP	\$23,326.39
NITTETSU MINING CO LTD	\$29,012.09
NITTO KOHKI CO LTD	\$82,657.17
NITTOC CONSTRUCTION CO LTD	\$53,337.38
NKT A/S	\$466,791.62
NN GROUP NV	\$679,883.88
NONG WOO BIO CO LTD	\$39,657.79
NONGSHIM CO LTD	\$751,266.90
NORCROS PLC	\$37,036.10
NORDEA BANK ABP	\$3,016,930.24
NORITZ CORP	\$109,439.54
NORSK HYDRO ASA	\$1,223,307.47
NORSKE SKOG ASA	\$2,392,116.15
NORTH PACIFIC BANK LTD	\$47,349.27
NORTH WEST CO INC/THE	\$714,051.44
NORWEGIAN KRONE	-\$406.95
NOVA LTD	\$575,517.28
NOVA TECHNOLOGY CORP	\$25,914.66
NOVARTIS AG REG	\$1,021,474.86
NOVO NORDISK A/S B	\$10,508,033.90
NOVOLIPETSK STEEL PJSC GDR	\$468.61
NS SOLUTIONS CORP	\$126,113.15
NSD CO LTD	\$65,778.92
NUFARM LTD	\$62,588.69
NUMIS CORPORATION PLC	\$20,137.94
NUVISTA ENERGY LTD	\$118,817.67
NYLEX MALAYSIA BHD	\$462.01
OBIC BUSINESS CONSULTANTS	\$205,074.08

OBJECTIVE CORPORATION LTD	\$39,065.06
OBSIDIAN ENERGY LTD	\$185,114.12
OCEANAGOLD CORP	\$75,022.69
OCI NV	\$1,854,708.92
OFX GROUP LTD	\$107,319.50
OITA BANK LTD/THE	\$21,666.60
OKABE CO LTD	\$61,627.95
OKAMURA CORP	\$364,526.13
OKEA ASA	\$92,948.59
OKI ELECTRIC INDUSTRY CO LTD	\$46,342.04
OKINAWA CELLULAR TELEPHONE	\$114,526.51
OKUMA CORP	\$206,601.23
OKURA INDUSTRIAL CO LTD	\$20,804.12
OLVI OYJ A SHARES	\$44,931.74
OLYMPUS CORP	\$10,297,854.42
OMV AG	\$2,624,435.32
ONESPAPORLD HOLDINGS LTD	\$1,079,876.59
OOEDO ONSEN REIT INVESTMENT	\$31,635.15
OPPLE LIGHTING CO LTD A	\$292,600.66
OPTIM CORP	\$61,419.54
OPTORUN CO LTD	\$69,666.91
ORANGE POLSKA SA	\$477,553.89
ORASCOM CONSTRUCTION PLC	\$40,159.08
ORICA LTD	\$563,968.71
ORIENT OVERSEAS INTL LTD	\$1,545,138.66
ORIENTAL HOLDINGS BERHAD	\$49,017.48
ORIENTAL WATCH HOLDINGS	\$28,228.24
ORION HOLDINGS CORP	\$444,354.88
ORION OYJ CLASS A	\$310,094.26
ORION OYJ CLASS B	\$273,484.01
ORORA LTD	\$320,614.39
OSSTEM IMPLANT CO LTD	\$2,762,982.92
OTP BANK PLC	\$31,929.15
OTSUKA HOLDINGS CO LTD	\$1,295,301.07
OVH GROUPE SAS	\$444,631.71
OXFORD BIOMEDICA PLC	\$185,756.28
OXFORD INSTRUMENTS PLC	\$911,422.74
OYO CORP	\$29,401.64
OZ MINERALS LTD	\$141,865.05
PACIFIC BASIN SHIPPING LTD	\$507,032.08
PACIFIC CENTURY REGION DEVEL	\$10,520.43

PACIFIC CURRENT GROUP LTD	\$41,573.99
PAGEGROUP PLC	\$909,386.03
PAL GROUP HOLDINGS CO LTD	\$169,237.94
PALM HILLS DEVELOPMENTS SAE	\$41,198.95
PAN AFRICAN RESOURCES PLC	\$23,291.42
PANIN FINANCIAL TBK PT	\$270,697.90
PANTECH GROUP HOLDINGS BHD	\$36,975.48
PARACA INC	\$25,524.27
PARETO BANK ASA	\$32,967.00
PAREX RESOURCES INC	\$243,890.92
PASON SYSTEMS INC	\$319,082.34
PAVILION REAL ESTATE INVEST	\$33,237.23
PEGAVISION CORP	\$579,395.16
PERION NETWORK LTD	\$568,491.00
PERNOD RICARD SA	\$4,802,270.68
PERSEUS MINING LTD	\$453,720.11
PERSOL HOLDINGS CO LTD	\$128,599.04
PERUSAHAAN GAS NEGARA TBK PT	\$1,514,781.43
PET VALU HOLDINGS LTD	\$512,347.57
PETERSHILL PARTNERS PLC	\$107,973.51
PETROBRAS PETROLEO BRAS PR	\$1,606,032.48
PETROCHINA CO LTD H	\$3,230,173.16
PETROLEO BRASILEIRO SPON ADR	\$2,327,557.50
PEYTO EXPLORATION + DEV CORP	\$274,339.27
PGE SA	\$582,427.60
PHILIPPINE PESO	\$33,959.53
PHOTOCURE ASA	\$708,234.37
PIGEON CORP	\$741,042.10
PILBARA MINERALS LTD	\$2,120,532.69
PILOT CORP	\$142,025.09
PINE CLIFF ENERGY LTD	\$33,052.88
PING AN INSURANCE GROUP CO H	\$3,540,413.46
PINNACLE INVESTMENT MANAGEME	\$323,938.30
PIOVAN SPA	\$96,064.41
PIRAEUS PORT AUTHORITY SA	\$24,787.94
PIZZA PIZZA ROYALTY CORP	\$46,307.24
POLAR CAPITAL HOLDINGS PLC	\$48,897.83
POLARIS RENEWABLE ENERGY INC	\$64,724.39
POLE TO WIN HOLDINGS INC	\$45,073.33
POLISH ZLOTY	\$554.87
POLY PROPERTY SERVICES CO H	\$383,506.62

POSTAL SAVINGS BANK OF CHI H	\$4,421,886.11
POUND STERLING	\$95,274.10
POWER CORP OF CANADA	\$1,368,072.62
PRARAM 9 HOSPITAL PCL NVDR	\$45,134.98
PRECISION DRILLING CORP	\$367,399.54
PRESTIGE INTERNATIONAL INC	\$37,415.59
PRIMAX ELECTRONICS LTD	\$473,101.14
PROSEGUR CASH SA	\$93,060.71
PROSUS NV	\$3,633,527.06
PROTECTOR FORSIKRING ASA	\$76,034.23
PRUDENTIAL PLC	\$2,932,202.01
PRUKSA HOLDING PCL FOREIGN	\$29,231.70
PRUKSA HOLDING PCL NVDR	\$129,694.24
PTT EXPLOR + PROD PCL NVDR	\$2,265,172.51
PURADELTA LESTARI TBK PT	\$43,625.29
QIAGEN N.V.	\$879,806.54
QINETIQ GROUP PLC	\$196,960.57
QOL HOLDINGS CO LTD	\$702,292.62
QUALITY HOUSES PCL NVDR	\$513,656.71
QUINENCO S.A.	\$149,855.13
RAIA DROGASIL SA	\$2,242,814.22
RAIFFEISEN BANK INTERNATIONA	\$318,586.20
RAMAYANA LESTARI SENTOSA TBK	\$29,024.51
RANA GRUBER ASA	\$43,622.58
RATCHAPHRUEK HOSPITAL NVDR	\$33,206.44
RATHBONES GROUP PLC	\$1,202,115.90
RATIONAL AG	\$757,581.74
RAYENCE CO LTD	\$32,082.25
REALTEK SEMICONDUCTOR CORP	\$777,114.41
RECKITT BENCKISER GROUP PLC	\$4,389,954.46
RECORDATI INDUSTRIA CHIMICA	\$1,210,570.47
RECRUIT HOLDINGS CO LTD	\$1,367,588.01
REDE D OR SAO LUIZ SA	\$2,221,966.57
REGINA MIRACLE INTERNATIONAL	\$163,884.04
REGIONAL CONTAINER LINE NVDR	\$52,914.68
REGIONAL SAB DE CV	\$576,531.89
RELIA INC	\$69,244.00
RELIANCE INDS SPONS GDR 144A	\$3,754,390.50
RELX PLC	\$5,837,603.05
REMY COINTREAU	\$2,342,332.67
RETAIL ESTATES	\$6,219.93

REVENIO GROUP OYJ	\$36,540.70
RHB BANK BHD	\$710,441.54
RHEINMETALL AG	\$1,264,838.50
RICHELIEU HARDWARE LTD	\$180,629.09
RICHTER GEDEON NYRT	\$473,490.39
RICOH CO LTD	\$354,123.31
RIETER HOLDING AG REG	\$2,950.71
RIGHTMOVE PLC	\$2,346,804.86
RIKEN VITAMIN CO LTD	\$31,963.32
RITCHIE BROS AUCTIONEERS	\$3,144,735.24
RMK ENERGY TBK PT	\$274,370.71
ROBERT WALTERS PLC	\$15,134.89
ROCHE HOLDING AG GENUSSSCHEIN	\$5,602,455.14
ROCK FIELD CO LTD	\$33,144.11
ROHTO PHARMACEUTICAL CO LTD	\$460,676.80
RONGAN PROPERTY CO LTD A	\$213,195.07
ROS AGRO PLC GDR REG S	\$3,026.33
ROTTNEROS AB	\$20,957.95
ROVIO ENTERTAINMENT OYJ	\$657,787.65
RS GROUP PLC	\$537,995.44
RUBIS	\$148,757.08
RWE AG	\$3,264,523.91
RYANAIR HOLDINGS PLC SP ADR	\$1,372,145.04
S.KIJCHAI ENTERPRISE PCL R	\$21,469.03
S.O.I.T.E.C.	\$447,299.97
SAAB AB B	\$1,029,400.76
SAINT MARC HOLDINGS CO LTD	\$75,569.37
SAJO INDUSTRIES CO LTD	\$40,391.46
SAKAI CHEMICAL INDUSTRY CO	\$74,280.95
SAKAI HEAVY INDUSTRIES LTD	\$23,532.53
SAKAI MOVING SERVICE CO LTD	\$59,001.85
SAMSONITE INTERNATIONAL SA	\$568,716.01
SAMSUNG CARD CO	\$19,302.73
SAMSUNG ELECTRONICS CO LTD	\$4,626,220.01
SAMUDERA SHIPPING LINE LTD	\$21,043.84
SAN JU SAN FINANCIAL GROUP I	\$65,072.57
SANDNES SPAREBANK	\$40,467.97
SANDVIK AB	\$6,782,183.02
SANKYO CO LTD	\$212,027.74
SANKYU INC	\$212,315.74
SANLORENZO SPA/AMEGLIA	\$1,837,388.90

SANOFI	\$3,606,494.17
SANSIRI PCL NVDR	\$274,104.69
SANTEN PHARMACEUTICAL CO LTD	\$623,505.25
SANTOS BRASIL PARTICIPACOES	\$286,528.15
SANYO DENKI CO LTD	\$47,769.90
SAPPI LIMITED	\$190,431.32
SARAWAK OIL PALMS BERHAD	\$112,794.55
SARFATI	\$17,227.32
SARTORIUS AG VORZUG	\$3,102,684.35
SATO HOLDINGS CORP	\$109,324.34
SAVENCIA SA	\$39,328.57
SAWAI GROUP HOLDINGS CO LTD	\$340,766.99
SC ASSET CORP PCL NVDR	\$51,246.77
SCANDINAVIAN TOBACCO GROUP A	\$624,286.49
SCHAEFFLER AG PEF	\$52,544.19
SCHNEIDER ELECTRIC SE	\$3,855,103.54
SCICOM (MSC) BHD	\$22,801.36
SEBANG CO LTD	\$88,398.42
SECO SPA	\$834,684.92
SEED CO LTD/TOKYO	\$20,244.80
SEIKO EPSON CORP	\$56,928.27
SEIKO GROUP CORP	\$42,358.56
SEJONG TELECOM INC	\$53,600.88
SEKISUI JUSHI CORP	\$24,093.37
SELLA CAPITAL REAL ESTATE LT	\$112,585.08
SEMBCORP INDUSTRIES LTD	\$371,971.37
SEMPIO CO	\$19,004.98
SEMPIO FOODS CO	\$35,066.03
SENA DEVELOPMENT PCL	\$26,824.08
SENSIRION HOLDING AG	\$1,433,138.79
SERCO GROUP PLC	\$105,088.71
SES	\$5,901.59
SHANDONG PUBLISHING + MEDI A	\$915,029.70
SHANGHAI AJ GROUP CO LTD A	\$333,580.56
SHANGHAI TUNNEL ENGINEERIN A	\$1,017,960.50
SHELL PLC	\$1,672,724.28
SHIBAURA MACHINE CO LTD	\$55,598.92
SHIBAURA MECHATRONICS CORP	\$242,282.77
SHIBUSAWA WAREHOUSE CO LTD	\$22,059.19
SHIBUYA CORPORATION	\$45,302.21
SHIMA SEIKI MFG LTD	\$950,380.84

SHIMAMURA CO LTD	\$79,427.03
SHIMANO INC	\$1,728,204.93
SHIN ETSU POLYMER CO LTD	\$325,156.69
SHIN ZU SHING CO LTD	\$400,891.48
SHINNIHON CORP	\$15,244.99
SHINNIHONSEIYAKU CO LTD	\$25,083.18
SHISEIDO CO LTD	\$3,688,045.78
SHL JAPAN LTD	\$10,011.75
SHO BOND HOLDINGS CO LTD	\$144,817.92
SHOPIFY INC CLASS A	\$1,630,328.70
SHOUGANG FUSHAN RESOURCES GR	\$61,891.49
SIEGFRIED HOLDING AG REG	\$958,842.41
SIERRA RUTILE HOLDINGS LTD	\$590.66
SIGMA HEALTHCARE LTD	\$76,466.76
SIGMA KOKI CO LTD	\$40,187.20
SIGMAXYZ HOLDINGS INC	\$144,053.20
SIME DARBY BERHAD	\$356,617.48
SIMS LTD	\$57,682.64
SINBON ELECTRONICS CO LTD	\$653,153.52
SINFONIA TECHNOLOGY CO LTD	\$26,811.17
SINGAMAS CONTAINER HLDGS	\$61,730.06
SINGAPORE DOLLAR	\$156.99
SINGAPORE TECH ENGINEERING	\$977,124.96
SINGAPURA FINANCE LTD	\$17,738.97
SINKO INDUSTRIES LTD	\$33,949.75
SINO OCEAN GROUP HOLDING LTD	\$82,655.49
SITC INTERNATIONAL HOLDINGS	\$1,323,416.55
SK HYNIX INC	\$1,790,154.21
SLEEP COUNTRY CANADA HOLDING	\$1,324,256.53
SMC CORP	\$3,412,012.58
SMCP SA	\$1,409,719.48
SMK CORP	\$29,775.29
SODA NIKKA CO LTD	\$1,625.68
SOFTBANK GROUP CORP	\$1,249,041.65
SOHGO SECURITY SERVICES CO	\$354,200.62
SOMPO HOLDINGS INC	\$124,354.84
SONAE	\$158,091.86
SONOVA HOLDING AG REG	\$1,466,266.54
SONY GROUP CORP	\$1,863,333.21
SOUTH AFRICAN RAND	\$5,001.15
SOUTH KOREAN WON	\$14,484.46

SOUTH32 LTD	\$2,909,087.21
SPAREBANKEN MORE CAP CERT	\$16,211.93
SPAREBANKEN SOR	\$15,643.59
SPARTAN DELTA CORP	\$401,623.68
SPC SAMLIP	\$77,135.94
SPIGEN KOREA CO LTD	\$24,344.01
SPIN MASTER CORP SUB VTG SHR	\$3,425,151.90
SPORTS TOTO BHD	\$26,993.87
SPOTIFY TECHNOLOGY SA	\$852,581.05
SPRIX INC	\$65,845.62
SQUARE ENIX HOLDINGS CO LTD	\$432,066.39
SSY GROUP LTD	\$217,572.18
STABILUS SE	\$1,139,598.80
STANDARD CHARTERED PLC	\$635,469.05
STANTEC INC	\$743,537.87
STAR MICRONICS CO LTD	\$96,935.08
STAR PETROLEUM REFINING PCL	\$167,072.62
STATE STREET BANK + TRUST CO	\$14,345,692.63
STEADFAST GROUP LTD	\$645,479.29
STELCO HOLDINGS INC	\$186,319.05
STELLA JONES INC	\$85,942.65
STEP ENERGY SERVICES LTD	\$638,050.11
STHREE PLC	\$110,944.21
STRAUMANN HOLDING AG REG	\$73,732.81
SUEDZUCKER AG	\$58,088.83
SUGI HOLDINGS CO LTD	\$591,693.51
SUMBER TANI AGUNG RESOURCES	\$46,686.85
SUMITOMO HEAVY INDUSTRIES	\$94,181.67
SUMITOMO MITSUI FINANCIAL GR	\$3,620,441.85
SUMITOMO PHARMA CO LTD	\$533,779.23
SUMITOMO SEIKA CHEMICALS CO	\$55,591.34
SUN WA TECHNOS CORP	\$47,203.76
SUNCOR ENERGY INC	\$3,752,098.31
SUNOPTA INC	\$489,157.08
SUNWAY REAL ESTATE INVESTMEN	\$43,816.57
SUPALAI PCL NVDR	\$757,590.30
SUZHOU GOLD MANTIS CONSTR A	\$412,951.51
SUZUKEN CO LTD	\$562,779.94
SUZUKI MOTOR CORP	\$1,275,360.19
SVENSKA HANDELSBANKEN A SHS	\$2,390,302.53
SWEDISH KRONA	\$210.11

SWIRE PACIFIC LTD CL A	\$70,416.85
SWISS FRANCO	\$29,021.64
SWISSQUOTE GROUP HOLDING REG	\$9,811.93
SYARIKAT TAKAFUL MALAYSIA KE	\$79,264.47
SYSMEX CORP	\$1,854,854.67
TA ANN HOLDINGS BERHAD	\$88,042.68
TAEYOUNG ENGINEERING + CONST	\$12,623.83
TAIHO KOGYO CO	\$26,946.08
TAISHO PHARMACEUTICAL HOLDIN	\$1,142,900.45
TAIWAN SEMICONDUCTOR MANUFAC	\$9,981,096.78
TAIWAN SEMICONDUCTOR SP ADR	\$5,612,970.48
TAIYO YUDEN CO LTD	\$383,159.65
TAKAOKA TOKO CO LTD	\$82,707.95
TAKARA STANDARD CO LTD	\$93,286.60
TAKUMA CO LTD	\$32,759.86
TALIWORKS CORP BHD	\$26,725.65
TAMAR PETROLEUM LTD	\$274,887.39
TATE + LYLE PLC	\$277,105.91
TATNEFT PAO SPONSORED ADR	\$3,224.20
TAURON POLSKA ENERGIA SA	\$566,831.59
TDCX INC	\$346.64
TECAN GROUP AG REG	\$860,726.76
TECHNIP ENERGIES NV	\$199,621.02
TECHNO RYOWA LTD	\$4,791.72
TECHNOGYM SPA	\$1,350,604.22
TECHNOLOGY ONE LTD	\$191,388.12
TECHNOPRO HOLDINGS INC	\$1,282,352.50
TECHTRONIC INDUSTRIES CO LTD	\$6,297,353.61
TEIKOKU ELECTRIC MFG CO LTD	\$45,262.80
TEKKEN CORP	\$33,479.86
TELEPERFORMANCE	\$3,099,538.84
TELKOM INDONESIA PERSERO ADR	\$2,164,959.90
TENCENT HOLDINGS LTD	\$2,494,852.63
TERNIUM SA SPONSORED ADR	\$311,620.32
TES CO LTD	\$59,857.41
TESSENDERLO GROUP	\$81,187.11
TEXWINCA HOLDINGS LTD	\$17,354.85
TGS ASA	\$1,484,427.16
THAI BEVERAGE PCL	\$913,350.36
THAI OIL PCL NVDR	\$309,236.14
THAILAND BAHT	\$4,972.44

THAILAND FUTURE FUND FOREIGN	\$29,685.58
THALES SA	\$3,632,903.41
THORESEN THAI AGENCIES NVDR	\$77,039.99
THULE GROUP AB/THE	\$638,965.54
THUNGELA RESOURCES LTD	\$884,145.72
TI FLUID SYSTEMS PLC	\$786,886.58
TIAN DI SCIENCE + TECHNOLO A	\$348,950.62
TIGERS POLYMER CORP	\$19,499.03
TIM SA	\$24,196.23
TIS INC	\$2,471,302.44
TKH GROUP NV DUTCH CERT	\$74,519.25
TMX GROUP LTD	\$4,107,657.76
TOBISHIMA CORP	\$21,390.73
TOCHIGI BANK LTD/THE	\$117,521.69
TOKAI CORP/GIFU	\$163,316.53
TOKAI RIKA CO LTD	\$49,261.43
TOKEN CORP	\$39,364.89
TOKIO MARINE HOLDINGS INC	\$327,869.57
TOKYO ELECTRON LTD	\$2,386,812.69
TOKYO OHKA KOGYO CO LTD	\$413,119.10
TOKYO RAKUTENCHI CO LTD	\$24,676.95
TOKYO SEIMITSU CO LTD	\$77,668.72
TOMATO BANK LTD	\$9,458.49
TOMSON GROUP LTD	\$8,287.05
TOMY COMPANY LTD	\$63,226.34
TONAMI HOLDINGS CO LTD	\$25,033.16
TONGCHENG TRAVEL HOLDINGS LT	\$580,367.07
TONGYANG LIFE INSURANCE	\$35,951.32
TOPCON CORP	\$642,823.90
TOPKEY CORP	\$529,908.41
TOREX GOLD RESOURCES INC	\$393,641.83
TORII PHARMACEUTICAL CO LTD	\$66,254.88
TOSHIBA TEC CORP	\$43,715.18
TOTALENERGIES SE	\$3,339,524.95
TOTVS SA	\$405,426.39
TOURMALINE OIL CORP	\$2,032,027.75
TOWA BANK LTD/THE	\$37,482.29
TOWA PHARMACEUTICAL CO LTD	\$82,368.41
TOYO ENGINEERING CORP	\$48,130.66
TOYO MACHINERY + METAL CO	\$11,650.31
TOYO SUISAN KAISHA LTD	\$409,716.17

TPI POLENE PCL NVDR	\$27,209.35
TRAINLINE PLC	\$1,060,480.99
TRANCOM CO LTD	\$39,205.73
TRANSCOSMOS INC	\$125,813.79
TRANSMISSORA ALIANCA DE UNIT	\$1,698,779.11
TRELLEBORG AB B SHS	\$524,354.45
TRES TENTOS AGROINDUSTRIAL S	\$355,694.87
TRIP.COM GROUP LTD	\$1,520,987.37
TRIPOD TECHNOLOGY CORP	\$651,429.13
TRIPUTRA AGRO PERSADA PT	\$134,019.98
TRUSCO NAKAYAMA CORP	\$41,642.35
TSAKER NEW ENERGY TECH CO LT	\$860,942.10
TSH RESOURCES BHD	\$29,707.38
TSI HOLDINGS CO LTD	\$132,246.01
TSUBAKIMOTO CHAIN CO	\$510,767.37
TSUKUBA BANK LTD	\$82,086.47
TSUMURA + CO	\$1,350,767.36
TTFB CO LTD	\$40,018.87
TURKISH LIRA	\$37.24
TV ASAHI HOLDINGS CORP	\$171,632.12
UBIQUOSS INC	\$25,214.95
UBISOFT ENTERTAINMENT	\$624,744.02
UK COMMERCIAL PROPERTY REIT LT	\$1,824.38
UNI PRESIDENT CHINA HOLDINGS	\$218,141.05
UNI SELECT INC	\$1,057,127.86
UNICHARM CORP	\$1,905,133.20
UNIEURO SPA	\$133,066.86
UNILEVER PLC	\$4,060,039.84
UNITED INC	\$62,203.95
UNITED OVERSEAS BANK LTD	\$8,179,013.79
UNITED PLANTATIONS BHD	\$187,906.93
UNITED TRACTORS TBK PT	\$250,909.59
UNIVANICH PALM OIL PCL NVDR	\$94,360.47
UPONOR OYJ	\$112,052.46
US DOLLAR	\$0.05
USHIO INC	\$88,782.45
UT GROUP CO LTD	\$75,364.74
VAISALA OYJ A SHS	\$121,256.62
VAKIF GAYRIMENKUL	\$643,425.17
VALUE PARTNERS GROUP LTD	\$611,796.36
VEDAN INTERNATIONAL HOLDINGS	\$31,569.71

VENTIA SERVICES GROUP PTY LT	\$52,743.47
VERALLIA	\$742,545.43
VERMILION ENERGY INC	\$287,933.67
VICTORIA GOLD CORP	\$37,978.19
VIDENDUM PLC	\$564,244.67
VIENNA INSURANCE GROUP AG	\$167,806.04
VINCENT MEDICAL HOLDINGS LTD	\$10,765.08
VINX CORP	\$34,842.55
VISIONAL INC	\$654,272.62
VITROLIFE AB	\$363,857.98
VIVA ENERGY GROUP LTD	\$4,514,130.72
VONOVIA SE	\$1,882,651.86
VONTOBEL HOLDING AG REG	\$589,545.40
VOTUM SA	\$22,075.62
VSTEC HOLDINGS LTD	\$50,737.03
VTECH HOLDINGS LTD	\$953,804.96
VUKILE PROPERTY FUND LTD	\$140,243.97
VULCAN STEEL LTD	\$74,935.07
WACKER CHEMIE AG	\$97,101.35
WALMART DE MEXICO SAB DE CV	\$9,299,444.18
WARABEYA NICHIO HOLDINGS CO	\$60,094.74
WATCHES OF SWITZERLAND GROUP	\$1,488,000.37
WATER OASIS GROUP LTD	\$15,758.74
WEIR GROUP PLC/THE	\$1,674,613.36
WELLCALL HOLDINGS BHD	\$30,552.33
WENDEL	\$541,447.28
WEST HOLDINGS CORP	\$542,324.45
WESTERN BULK CHARTERING AS	\$11,617.91
WESTGOLD RESOURCES LTD	\$34,779.26
WESTON (GEORGE) LTD	\$3,359,923.98
WH SMITH PLC	\$195,409.78
WHITECAP RESOURCES INC	\$462,986.38
WHITEHAVEN COAL LTD	\$2,292,619.49
WILH WILHELMSSEN HOLDING B	\$20,957.87
WINNER MEDICAL CO LTD A	\$472,093.16
WISE PLC A	\$1,253,762.77
WITHSECURE OYJ	\$14,750.05
WNS HOLDINGS LTD ADR	\$2,620,632.38
WOLTERS KLUWER	\$7,755,482.55
WULIANGYE YIBIN CO LTD A	\$3,389,149.39
WUXI LEAD INTELLIGENT EQUI A	\$2,001,006.95

X TRADE BROKERS DOM MAKLEISK	\$1,283,607.42
XEBIO HOLDINGS CO LTD	\$84,001.67
XERO LTD	\$1,382,955.15
XTEP INTERNATIONAL HOLDINGS	\$1,432,992.96
YAMADA CONSULTING GROUP CO L	\$47,801.74
YAMAGATA BANK LTD/THE	\$83,371.10
YAMAHA CORP	\$2,024,752.74
YAMAICHI ELECTRONICS CO LTD	\$276,694.08
YAMANASHI CHUO BANK LTD/THE	\$49,634.32
YAMAZAKI BAKING CO LTD	\$140,764.71
YANCOAL AUSTRALIA LTD	\$2,717,819.17
YANGTZE OPTICAL FIBRE AND H	\$61,441.78
YANGZIJIANG SHIPBUILDING	\$525,159.56
YAPI VE KREDI BANKASI	\$314,023.80
YARA INTERNATIONAL ASA	\$230,358.54
YONDENKO CORP	\$34,168.78
YOROZU CORP	\$24,194.93
YOSSIX HOLDINGS CO LTD	\$25,950.21
YPSOMED HOLDING AG REG	\$142,491.14
YTL CORP BHD	\$162,004.99
YTL POWER INTERNATIONAL BHD	\$119,723.95
YUAN RENMINBI	\$51,089.94
YUASA TRADING CO LTD	\$106,999.13
YUM CHINA HOLDINGS INC	\$6,510,126.60
YURTEC CORP	\$28,409.56
YUSHIN PRECISION EQUIPMENT	\$96,408.35
Z HOLDINGS CORP	\$859,030.66
ZALANDO SE	\$1,994,081.47
ZEHNDER GROUP AG RG	\$136,182.88
ZENRIN CO LTD	\$26,951.38
ZERIA PHARMACEUTICAL CO LTD	\$30,871.95
ZHEJIANG SEMIR GARMENT CO A	\$195,076.31
ZHONGLIANG HOLDINGS GROUP CO	\$46,172.62
ZIGEXN CO LTD	\$39,789.31
ZUKEN INC	\$36,924.48
Total Holdings	\$2,147,112,185.87

Private Investments Asset Class	
Security Holdings	
Security Name	Market Value
AFFINITY ASIA PACIFIC FUND III	\$945,155
AFFINITY ASIA PACIFIC FUND IV	\$7,280,428
AMERICAN SECURITIES PRTNRS VII	\$28,657,234
AMERICAN SECURITIES PTRNS VI	\$21,628,443
ANGELES EQUITY PARTNERS I, LP	\$12,555,039
ASCENDENT CAPITAL PARTNERS III	\$20,154,550
AUDAX PRIVATE EQ FUND IV	\$104,327
AUDAX PRIVATE EQUITY V	\$11,208,686
AXIOM ASIA IV LP	\$45,428,511
AXIOM ASIA PRIVATE CAP FND III	\$33,189,516
AXIOM ASIA PRIVATE CAP FUND II	\$11,233,203
AXIOM ASIA V LP	\$39,494,895
AXIOM ASIA VI LP	\$14,730,418
BDCM OPPORTUNITY FUND III LP	\$36,903,936
BIGCOMMERCE HOLDINGS SER 1	\$707,599
BLUE SAGE CAPITAL III LP	\$23,782,961
BRINSON NON U.S. TRUST 2000	\$14,929
BRINSON NON US PTRSP 2002 PRIM	\$10,084
BRINSON NON US PTRSP 2004 PRIM	\$43,865
BRINSON PTRSHP 1998 PRIMARY FD	\$18,793
BRINSON PTRSHP 1999 PRIMARY FD	\$68,860
BRINSON PTRSHP 2000 PRIMARY FD	\$91,275
BRINSON PTRSHP 2001 PRIMARY FD	\$179,203
BRINSON PTRSHP 2002 PRIMARY FD	\$110,277
BRINSON PTRSHP 2002 SECONDARY	\$106,861
BRINSON PTRSHP 2003 PRIMARY FD	\$339,107
BRINSON PTRSHP 2003 SECONDARY	\$0
BRINSON PTRSHP 2004 PRIMARY FD	\$197,032
BRV LOTUS FUND III LP	\$33,918,298
BRV VI, L.P.	\$28,947,133
BUILDERS VC ENTREPRENEURS FD I	\$12,112,056
BUILDERS VC FUND I	\$30,046,900
BUILDERS VC FUND II LP	\$8,590,599
CAPITALSPRING INVEST PRTNRS VI	\$16,651,490
CAPITALSPRING INVESTMENT V	\$23,503,506
CARLYLE VENTURE PARTNERS III	\$504,861
CATALYST FUND IV PARALLEL LP	\$6,781,891
CATALYST FUND LP IV	\$1,674,730

CCMP CAPITAL INVESTORS III, L	\$5,087,144
CENTERBRIDGE CAP PARTNERS III	\$19,550,166
CENTERBRIDGE CAPITAL PTRNS II	\$2,610,484
CENTERBRIDGE SPEC CR III	\$3,674,484
CENTERBRIDGE SPEC CR III FLX	\$27,194,413
CENTERBRIDGE SPEC CR IV	\$12,179,038
CENTERBRIDGE SPECIAL CREDIT II	\$589,103
CENTERBRIDGE SPECIAL CREDIT PR	\$63,042
CRESCENT ASIA CONS AND DVF II	\$61,537,928
CRESCENT ASIA CONS AND DVF III	\$1,752,253
DEERPATH CAPITAL ADVANTAGE IV	\$61,770,120
DEERPATH CAPITAL ADVANTAGE V	\$42,971,711
DEERPATH CAPITAL ADVANTAGE VI	\$37,500,000
DFW CAPITAL PARTNERS V, LP	\$9,138,267
DOVER STREET IX	\$12,679,237
DOVER STREET VII LP	\$160,913
DOVER STREET VIII LP	\$2,899,263
EUREKA III, L.P	\$5,825,781
FOUNDATION CAP LEADERSHIP F II	\$12,358,846
FOUNDATION CAP LEADERSHIP III	\$12,208,328
FOUNDATION CAPITAL IX LP	\$34,173,588
FOUNDATION CAPITAL X LP	\$10,717,920
GOLDENTREE DISTR CO INVEST III	\$29,226,880
GOLDENTREE DISTRESSED FUND III	\$31,182,223
GOLDENTREE DISTRESSED FUND IV	\$11,953,241
GRIDIRON CAPITAL FUND II	\$3,222,691
GRIDIRON CAPITAL FUND III	\$51,534,816
GUARDIAN CAPITAL PART FD II	\$16,263,195
HARBOURVEST 2007 DIRECT	\$979,526
HARBOURVEST INTL PVT EQTY VI	\$11,189,641
HCI EQUITY PARTNERS III	\$1,746,687
HCI EQUITY PARTNERS IV LP	\$28,896,621
HKW CAPITAL PARTNERS IV, L.P	\$6,024,024
HKW CAPITAL PARTNERS V LP	\$39,412,423
ISHARES CORE S+P SMALL CAP ETF	\$1,932,170
JLL PARTNERS FD VII, LP	\$22,998,374
JLL PARTNERS FUND V LP	\$2,792,639
KINDERHOOK CAPITAL FD V, LP	\$38,432,857
KINDERHOOK CAPITAL FUND IV,LP	\$14,886,758
KINDERHOOK CAPITAL FUND VI LP	\$41,838,936
KINDERHOOK CAPITAL FUND VII LP	\$12,881,831

LEVINE LEICHTMAN CAPITAL VI LP	\$42,637,939
LEXINGTON CAPITAL PARTNERS VIB	\$468,964
LEXINGTON CAPITAL PTNRS VII LP	\$6,136,285
LEXINGTON CAPITAL PTRS V LP	\$198,463
LEXINGTON MID MARKET II LP	\$2,010,082
MATLIN PATTERSON GLB OPP	\$69,964
MCCARTHY CAPITAL FUND VI, LP	\$42,416,840
MCCARTHY CAPITAL FUND VII LP	\$28,752,851
MHR INSTITUTIONAL III	\$4,500,106
NB CO INVESTMENT PARTNERS LP	\$792,534
NB STRAT CO INV PARTNERS FD IV	\$20,539,547
NB STRATEGIC CO INVEST II, LP	\$6,101,525
NB STRATEGIC CO INVEST III LP	\$21,559,613
NORTHGATE V LP	\$35,462,104
NORTHGATE VENTURE PTNRS VI	\$26,793,332
OAK HILL CAPITAL PARTNERS II	\$63,293
OAK HILL III	\$5,554
OAKTREE CPTL MGMT OPPTY FD VII	\$21,495
OCM OPPORTUNITIES FUND VIII LP	\$76,043
OCP ASIA FUND III LP	\$77,112,823
OCP ASIA FUND IV US LP	\$30,940,648
ODYSSEY INVESTMENT PART FD V	\$19,485,314
ODYSSEY INVESTMENT PRTNS FD VI	\$43,070,037
ODYSSEY INVESTMENT PTNRS IV	\$241,040
OPUS CAPITAL VENTURE VI	\$1,469,250
ORCHARD LANDMARK II LP	\$27,085,417
PANGAEA THREE LP	\$15,168,260
PANGAEA TWO LP	\$18,283,404
PERFORMANCE VENTURE CAPITAL II	\$21,418,623
PINE BROOK FUND II, L.P.	\$21,592,166
PORTFOLIO ADVISORS FUND V(B)	\$2,030,314
PORTFOLIO ADVISORS IV (B)	\$5,045,748
PORTFOLIO ADVISORS IV (E)	\$898,261
PORTFOLIO ADVISORS SECONDARY	\$1,125,688
RIVERGLADE CAPITAL, L.P.	\$19,981,917
SIGULER GUFF SBO FUND II LP	\$10,276,246
SIGULER GUFF SM BUYOUT	\$168,326
SOUTHERN CAPITAL FUND III LP	\$5,936,962
SPIRE CAPITAL PARTNERS III LP	\$12,324,574
STATE STREET BANK + TRUST CO	\$8,531,512
STERLING CAPITAL PARTNERS IV	\$6,494,308

SUMERU EQUITY PARTNERS III LP	\$49,257,456
SUMERU EQUITY PARTNERS IV LP	\$2,580,444
TENAYA CAPITAL VI LP	\$13,084,470
TENAYA CAPITAL VII LP	\$36,242,909
TENEX CAPITAL PARTNERS II, LP	\$30,652,951
TENEX CAPITAL PARTNERS III LP	\$28,714,868
TENEX CAPITAL PARTNERS LP	\$1,998,584
TREE LINE DIRECT LENDING II LP	\$42,211,218
TREE LINE DIRECT LENDING III	\$56,017,804
TRILANTIC CAPITAL PARTNERS	\$6,820,500
TRILANTIC CAPITAL PARTNERS IV	\$524,397
VERITAS CAPITAL FD VI LP	\$49,851,929
VERITAS CAPITAL FUND V LP	\$41,851,248
VERITAS CAPITAL FUND VII, L.P	\$50,968,358
VERITAS CAPITAL FUND VIII LP	\$14,341,774
VERITAS CAPITAL PARTNERS IV	\$607,136
VIDA INSURANCE CRD OPP FD II	\$29,431,972
VIDA INSURANCE CRD OPP FD III	\$45,949,648
Total Holdings	\$2,304,349,251

Real Assets Asset Class	
Security Holdings	
Security Name	Market Value
ANTERO MIDSTREAM CORP	\$4,262,050
ARCLIGHT ENERGY PART FD VI LP	\$10,639,178
ARCLIGHT ENERGY PARTNERS FD V	\$0
CBRE MSHHELL INFRA INVESTMENTS	\$19,815,646
CHENIERE ENERGY INC	\$6,748,200
COPENHAGEN INFRASTRUCTURE IV	\$35,016,699
CRESTWOOD EQUITY PARTNERS LP	\$1,728,540
DCP MIDSTREAM LP	\$7,913,160
DENHAM INTL POWER FUND LP	\$25,033,402
ECOSYSTEM INVESTMENT PTRS IV	\$20,845,315
EIF US POWER FUND IV LP	\$12,769,092
ENBRIDGE INC	\$703,800
ENERGY TRANSFER LP	\$12,249,840
ENLINK MIDSTREAM LLC	\$13,222,500
ENTERPRISE PRODUCTS PARTNERS	\$9,479,160
EQT INFRASTRUCTURE V	\$24,796,062
GENESIS ENERGY L.P.	\$2,552,500
ITE RAIL FUND LP	\$21,650,558
KIMMERIDGE ENERGY EXPLOR FD IV	\$9,744,642
KIMMERIDGE ENERGY EXPLOR FD V	\$69,273,225
KINDER MORGAN INC	\$2,748,160
MAGELLAN MIDSTREAM PARTNERS	\$11,498,090
MOLPUS WOODLANDS FUND III LP	\$39,941,910
MOUNTAIN CAPITAL PARTNERS, LP	\$26,353,416
MOUNTAIN CAPITAL PTNRS II LP	\$8,760,460
MPLX LP	\$12,544,880
ONEOK INC	\$1,576,800
ORM TIMBER FUND III LLC	\$32,875,144
ORM TIMBER FUND IV LLC	\$9,589,052
PHILLIPS 66	\$4,475,440
PLAINS ALL AMER PIPELINE LP	\$5,468,400
PLAINS GP HOLDINGS LP CL A	\$5,498,480
RMS FOREST GROWTH III LP	\$18,012,466
SILVER CREEK AGG RESERVES FD I	\$8,019,633
STATE STREET BANK + TRUST CO	\$4,978,938
TARGA RESOURCES CORP	\$13,524,000
TC ENERGY CORP	\$637,760
TRILANTIC ENERGY	\$784,089

TRILANTIC ENERGY PARTNERS II	\$34,625,278
TSY INFL IX N/B	\$101,044,973
US DOLLAR	-\$11,493
WARWICK PARTNERS III, L.P.	\$27,566,964
WESTERN MIDSTREAM PARTNERS L	\$12,431,550
WHITE DEER ENERGY II LP	\$15,840,581
WHITE DEER ENERGY III	\$21,351,614
WILLIAMS COS INC	\$4,935,000
Total Holdings	\$733,515,153

Real Estate Assset Class Security Holdings	
Security Name	Market Value
552992935 JPM STRATEGIC PROPRT	\$89,749,042
ABR CHESAPEAKE FUND IV	\$883,306
AEW COLD STORAGE PROPERTIES FD	\$51,014,571
AG CORE PLUS REALTY FD III	\$819,332
AG CORE PLUS REALTY FD IV LP	\$11,082,539
AG CREDO III	\$72,696,160
AG REALTY FUND VII LP	\$41,789
AG REALTY REALTY FUND IX LP	\$9,752,552
AG REALTY REALTY FUND VIII	\$3,222,624
AG REALTY VALUE FUND X US LP	\$23,226,106
AG REALTY VALUE FUND XI US LP	\$3,500,000
ALMANAC REALTY SECURITIES V	\$47,815
AMERICAN CORE REALTY FUND LLC	\$51,287,791
BELL CORE FUND I LP	\$35,902,079
BELL INSTITUTIONAL FUND VI, LP	\$31,292,648
BELL INSTITUTIONAL FUND VII LP	\$30,532,657
BKM INDUSTRIAL VALUE FUND II	\$48,684,239
BPG INVESTMENT PARTNERSHIP IX	\$215,749
CARLYLE EUROPE R E P III L P	\$122,031
CBRE STRAT PRTRS US VALUE 7	\$22,199
CBRE STRATEGIC PART US VALUE 8	\$22,975,554
CBRE STRATEGIC PART US VALUE 9	\$22,115,794
CENTERBRIDGE PARTNERS RE FD II	\$6,443,521
CENTERBRIDGE PTNRS REAL ESTATE	\$35,184,835
CENTERSQUARE DOMESTIC REIT MU6	\$151,246,023
CIM FUND III	\$10,308,342
DRA GROWTH AND INCOME FUND VII	\$2,451,623
DRA GROWTH AND INCOME FUND X	\$24,251,488
DRA GROWTH AND INCOME IX,LLC	\$15,268,941
DRA GROWTH AND INCOME VIII	\$8,764,819
EQUUS INVT PARTNERSHIP X LP	\$10,159,886
EW SILVER BOW HOLDINGS LLC	\$29,589,645
FIDELITY ADVISOR SER IV	\$110,895,714
GEM REALTY FUND IV LP	\$57,074
GEM REALTY FUND V, LP	\$7,082,097
GEM REALTY FUND VI LP	\$12,637,182
HAMMES PARTNERS III, L.P.	\$20,796,319
HARBERT US RE FUND V, LP	\$821,956

HEITMAN AMERICA RE TRUST LP	\$100,975,775
HUDSON REALTY CAPITAL FUND IV	\$2,903,606
LANDMARK REP VI	\$65,026
LIQUID REALTY FUN IV	\$475,897
MARCUS CAPITAL PARTNERS FD IV	\$2,612,004
OAK STREET RE CAPITAL FUND V	\$36,004,490
OAK STREET REAL ESTATE IV	\$11,039,990
OCONNOR NTH AMER PROP PTNRS II	\$1,444,486
OCP ASIA OPPOR FUND US LP	\$4,326,920
PCCP EQUITY VII	\$10,827,275
PRISA LP	\$105,250,888
STATE STREET BANK + TRUST CO	\$10,318,407
STERLING CONSUMER LOG PROP I	\$9,692,593
STERLING UNITED PROPERTIES II	\$37,818,852
STOCKBRIDGE NICHE LOGISTICS FD	\$126,440,284
STOCKBRIDGE VALUE FUND III LP	\$18,939,292
STOCKBRIDGE VALUE FUND IV LP	\$41,086,966
STOLTZ REAL ESTATE FUND V	\$26,108,033
STOLTZ REAL ESTATE FUND VI, L.	\$28,270,205
THE REALTY ASSOCIATES FUND X	\$17,389
TRUAMERICA WORKFORCE HS FD I	\$64,085,934
UBS TRUMBULL PROPERTY FUND	\$57,465,907
VANGUARD REAL ESTATE ETF	\$82
VELOCIS FUND II LP	\$7,074,847
WALTON STREET RE DEBT FUND II	\$30,397,177
Total Holdings	\$1,688,788,366

**Core Fixed Income Asset Class
Manager Holdings**

Security Name	Market Value
Montana Board of Investments	\$1,658,705,007
Reams Asset Management	\$153,875,961
State Street Global Advisors (Cash)	\$247,131
Total Holdings	\$1,812,828,098

Core Fixed Income Asset Class	
Security Holdings	
Security Name	Market Value
ABBVIE INC	\$9,369,650
AID ISRAEL	\$5,033,050
AIR CANADA 2020 2A PTT	\$238,769
AIR LIQUIDE FINANCE	\$4,893,350
ALASKA AIRLINES 2020 TR	\$1,043,173
ALIBABA GROUP HOLDING	\$8,719,380
ALLY AUTO RECEIVABLES TRUST	\$620,656
ALTRIA GROUP INC	\$14,058,790
AMAZON.COM INC	\$17,240,200
AMERICAN EXPRESS CO	\$4,786,100
APPALACHIAN POWER CO	\$486,921
APPLE INC	\$4,793,800
AT+T INC	\$7,957,133
AVIS BUDGET RENTAL CAR FUNDING	\$1,370,485
BANK OF AMERICA CORP	\$30,879,968
BANK OF NY MELLON CORP	\$1,880,220
BARCLAYS PLC	\$6,748,500
BAT CAPITAL CORP	\$684,737
BENCHMARK MORTGAGE TRUST	\$10,981,682
BERKSHIRE HATHAWAY INC	\$4,801,050
BLACKROCK INC	\$2,844,570
BMW VEHICLE LEASE TRUST	\$183,791
BMW VEHICLE OWNER TRUST	\$645,477
BOEING CO	\$647,846
BOSTON PROPERTIES LP	\$4,224,250
BRAVO RESIDENTIAL FUNDING TRUS	\$9,300,667
BRITISH AIR 20 1 A PTT	\$221,363
BURLINGTN NO SF 05 4 TR	\$28,645
CANTOR COMMERCIAL REAL ESTATE	\$6,913,315
CAPITAL ONE FINANCIAL CO	\$13,569,800
CAPITAL ONE PRIME AUTO RECEIVA	\$665,045
CARMAX AUTO OWNER TRUST	\$7,257,189
CHARTER COMM OPT LLC/CAP	\$323,671
CITIGROUP COMMERCIAL MORTGAGE	\$11,310,170
CITIGROUP INC	\$7,176,975
CNA FINANCIAL CORP	\$3,669,440
COMCAST CORP	\$11,126,030
COMM MORTGAGE TRUST	\$1,362,802

CON EDISON CO OF NY INC	\$94,503
CONSTELLATION BRANDS INC	\$6,149,010
COREVEST AMERICAN FINANCE TRUS	\$14,946,314
CREDIT SUISSE GROUP AG	\$2,658,060
CVS HEALTH CORP	\$4,425,110
CVS PASS THROUGH TRUST	\$1,213,611
DEEPHAVEN RESIDENTIAL MORTGAGE	\$112,161
DELTA AIR LINES 2020 AA	\$1,752,529
DEUTSCHE BANK COMMERCIAL MORTG	\$622,965
DIAGEO CAPITAL PLC	\$14,461,670
DISCOVER BANK	\$13,010,850
DISCOVER FINANCIAL SVS	\$11,751,541
DOMINION ENERGY INC	\$300,312
DUKE ENERGY FLORIDA LLC	\$578,607
DUKE ENERGY PROGRESS LLC	\$75,486
ENTERGY ARKANSAS LLC	\$337,378
ENTERGY LOUISIANA LLC	\$443,395
FANNIE MAE	\$28,234,585
FED HM LN PC POOL A95085	\$1,032,040
FED HM LN PC POOL C91782	\$3,653,391
FED HM LN PC POOL C91856	\$3,602,319
FED HM LN PC POOL C92036	\$1,302,010
FED HM LN PC POOL G08732	\$3,151,256
FED HM LN PC POOL G08733	\$1,395,092
FED HM LN PC POOL G08737	\$2,246,688
FED HM LN PC POOL G18590	\$1,035,552
FED HM LN PC POOL G60250	\$1,500,436
FED HM LN PC POOL J34696	\$2,011,094
FED HM LN PC POOL K91176	\$2,843,085
FED HM LN PC POOL K93542	\$3,232,269
FED HM LN PC POOL Q05201	\$389,927
FED HM LN PC POOL Q22726	\$228,646
FED HM LN PC POOL Q24133	\$2,563,625
FED HM LN PC POOL QA5292	\$5,671,689
FED HM LN PC POOL QB1976	\$8,177,745
FED HM LN PC POOL QB9225	\$2,988,171
FED HM LN PC POOL QK0093	\$7,627,222
FED HM LN PC POOL QN1099	\$5,775,351
FED HM LN PC POOL RA6628	\$5,380,789
FED HM LN PC POOL RB5011	\$4,990,072
FED HM LN PC POOL RE6103	\$4,861,455

FED HM LN PC POOL SB8011	\$2,798,335
FED HM LN PC POOL SD8215	\$9,049,162
FED HM LN PC POOL SD8233	\$9,430,988
FED HM LN PC POOL SD8245	\$9,411,403
FED HM LN PC POOL SD8258	\$9,653,155
FED HM LN PC POOL U89026	\$1,201,166
FED HM LN PC POOL U89049	\$1,058,082
FED HM LN PC POOL ZT1593	\$2,770,320
FEDERAL FARM CREDIT BANK	\$83,275,780
FEDERAL HOME LOAN BANK	\$30,170,810
FINANCE OF AMER STRUCTURED	\$10,077,493
FINANCE OF AMERICA STRUCTURED	\$37,456,763
FIRSTKEY HOMES TRUST	\$9,038,245
FLORIDA POWER + LIGHT CO	\$434,956
FNMA POOL 890291	\$1,376,239
FNMA POOL 931841	\$1,068,531
FNMA POOL AA7666	\$405,873
FNMA POOL AB6415	\$2,559,192
FNMA POOL AB9919	\$481,243
FNMA POOL AE9949	\$1,184,787
FNMA POOL AE9966	\$1,095,867
FNMA POOL AH4409	\$1,537,167
FNMA POOL AJ2850	\$674,890
FNMA POOL AJ7546	\$514,062
FNMA POOL AJ8075	\$2,859,023
FNMA POOL AL5528	\$3,162,025
FNMA POOL AL9992	\$3,671,179
FNMA POOL AM1785	\$3,380,986
FNMA POOL AM3455	\$3,662,067
FNMA POOL AR9198	\$3,419,850
FNMA POOL AS7388	\$1,777,397
FNMA POOL AS8966	\$573,743
FNMA POOL AT6308	\$2,572,409
FNMA POOL AT8381	\$1,477,816
FNMA POOL AT9147	\$3,258,910
FNMA POOL AU9332	\$911,472
FNMA POOL AV1455	\$1,396,408
FNMA POOL AV2381	\$962,746
FNMA POOL AV5984	\$541,077
FNMA POOL AX2366	\$879,892
FNMA POOL AZ0995	\$2,314,597

FNMA POOL BH7058	\$1,975,965
FNMA POOL BH9215	\$2,341,487
FNMA POOL BJ7881	\$4,723,390
FNMA POOL BM4550	\$13,569,428
FNMA POOL BP6750	\$9,615,400
FNMA POOL CA1532	\$2,020,580
FNMA POOL CA8252	\$4,150,968
FNMA POOL CB1652	\$11,196,039
FNMA POOL MA0878	\$971,161
FNMA POOL MA1438	\$1,178,214
FNMA POOL MA2863	\$1,233,759
FNMA POOL MA3099	\$2,791,072
FNMA POOL MA3664	\$2,854,250
FNMA POOL MA3867	\$6,065,717
FNMA POOL MA3868	\$5,490,321
FNMA POOL MA4100	\$10,034,156
FNMA POOL MA4847	\$6,983,156
FNMA TBA 30 YR 2	\$4,756,557
FNMA TBA 30 YR 2.5	\$4,998,557
FNMA TBA 30 YR 3	\$4,955,762
FNMA TBA 30 YR 3.5	\$4,393,850
FNMA TBA 30 YR 4	\$3,475,698
FNMA TBA 30 YR 4.5	\$6,985,919
FNMA TBA 30 YR 5	\$5,837,783
FORD CREDIT AUTO OWNER TRUST/F	\$14,935,064
FORD MOTOR COMPANY	\$248,342
FORD MOTOR CREDIT CO LLC	\$1,472,819
FREDDIE MAC	\$4,320,214
FRESB MULTIFAMILY MORTGAGE PAS	\$31,026,254
GENERAL MOTORS FINL CO	\$1,763,082
GILEAD SCIENCES INC	\$6,358,480
GM FINANCIAL SECURITIZED TERM	\$951,220
GNMA II POOL MA7409	\$7,125,668
GNMA II POOL MA7472	\$3,711,514
GNMA II POOL MA8347	\$9,654,078
GNMA POOL 694406	\$193,559
GNMA POOL 706854	\$1,082,518
GNMA POOL AB2583	\$106,266
GNMA POOL AD0091	\$2,290,745
GOLDMAN SACHS GROUP INC	\$16,957,003
GOVERNMENT NATIONAL MORTGAGE A	\$15,201,751

GREAT AMERICA LEASING RECEIVAB	\$9,774,514
GS MORTGAGE SECURITIES TRUST	\$63,295
HALEON US CAPITAL LLC	\$528,984
HCA INC	\$611,833
HERTZ VEHICLE FINANCING LLC	\$2,140,327
HOME DEPOT INC	\$7,087,790
HONDA AUTO RECEIVABLES OWNER T	\$337,446
HOUSING URBAN DEVELOPMNT	\$2,858,310
HSBC HOLDINGS PLC	\$5,489,928
IMPAC CMB TRUST	\$41,572
INDIANAPOLIS PWR + LIGHT	\$555,185
IPALCO ENTERPRISES INC	\$659,547
JETBLUE AIRWAYS CORP	\$239,695
JP MORGAN CHASE COMMERCIAL MOR	\$4,610,607
JP MORGAN MORTGAGE TRUST	\$2,161,033
JPMORGAN CHASE + CO	\$17,583,292
KEYCORP	\$1,953,600
LOCKHEED MARTIN CORP	\$7,540,560
LOWE S COS INC	\$336,182
LSTAR COMMERCIAL MORTGAGE TRUS	\$618,167
MARLIN LEASING RECEIVABLES LLC	\$1,313,102
MASTERCARD INC	\$2,854,050
MBOI EXPENSE REFUND/DIVIDEND	\$0
MELLO MORTGAGE CAPITAL ACCEPTA	\$549,319
MERCEDES BENZ AUTO RECEIVABLES	\$1,186,726
MLCC MORTGAGE INVESTORS INC	\$228,273
MMAF EQUIPMENT FINANCE LLC	\$4,837,339
MONDELEZ INTERNATIONAL	\$1,189,972
MORGAN STANLEY	\$8,686,842
MORGAN STANLEY CAPITAL I TRUST	\$4,636,872
NEW RESIDENTIAL MORTGAGE LOAN	\$10,773,636
NEXTERA ENERGY CAPITAL	\$4,721,200
NORFOLK SOUTHERN CORP	\$4,974,805
NUTRIEN LTD	\$9,422,100
OCEANVIEW MORTGAGE TRUST	\$4,918,740
ONDECK ASSET SECURITIZATION TR	\$2,286,311
ONSLOW BAY FINANCIAL LLC	\$4,658,484
ORACLE CORP	\$3,588,360
PAWNEE EQUIPMENT RECEIVABLES	\$1,447,763
PETROLEOS MEXICANOS	\$214,796
PFIZER INC	\$1,887,420

PHILLIPS 66	\$3,787,400
PNC FINANCIAL SERVICES	\$18,001,716
PRINCIPAL FINANCIAL GRP	\$5,325,650
PROGRESS RESIDENTIAL TRUST	\$6,766,986
PROLOGIS LP	\$2,691,330
PRUDENTIAL FINANCIAL INC	\$1,247,376
RATE MORTGAGE TRUST	\$270,839
RAYTHEON TECH CORP	\$300,851
RESIDENTIAL MORTGAGES LOANS	\$1,054,667
REYNOLDS AMERICAN INC	\$465,049
SEQUOIA MORTGAGE TRUST	\$1,157,774
SHELL INTERNATIONAL FIN	\$5,236,218
SIMON PROPERTY GROUP LP	\$5,713,500
SONOCO PRODUCTS CO	\$740,675
SPKK09R19 CDS USD P V 03MEVENT	-\$11,290,000
SPKK09R19 CDS USD R F 5.00000	\$11,359,524
STARBUCKS CORP	\$8,052,569
STATE STREET BANK + TRUST CO	\$36,978,237
SYSCO CORPORATION	\$330,140
T MOBILE USA INC	\$345,185
TBA BANK OF AMERICA COC	\$280,000
TBA JP MORGAN COC	\$904,000
TEXAS INSTRUMENTS INC	\$5,018,000
TORONTO DOMINION BANK	\$13,252,350
TOYOTA AUTO RECEIVABLES OWNER	\$630,165
TOYOTA MOTOR CREDIT CORP	\$13,076,980
TRANSCANADA PIPELINES	\$528,753
TREASURERS CASH	-\$19,210
TRUIST FINANCIAL CORP	\$592,687
TSY INFL IX N/B	\$26,817,597
UNION PACIFIC CORP	\$11,813,292
UNITED AIR 2015 1 AA PTT	\$54,923
UNITED AIR 2016 2 AA PTT	\$31,315
UNITED AIR 2018 1 AA PTT	\$79,344
UNITED MEXICAN STATES	\$567,370
US DOLLAR	\$826,584
US TREASURY N/B	\$516,761,625
VALERO ENERGY CORP	\$1,774,258
VENTAS REALTY LP	\$15,589,377
VERIZON COMMUNICATIONS	\$7,280,918
VERIZON OWNER TRUST	\$783,422

VIRGINIA ELEC + POWER CO	\$290,581
VISA INC	\$16,213,260
VOLKSWAGEN GROUP AMERICA	\$686,189
WALMART INC	\$2,937,040
WASTE MANAGEMENT INC	\$14,286,900
WELLS FARGO + COMPANY	\$1,907,649
WELLS FARGO COMMERCIAL MORTGAG	\$9,727,375
WF RBS COMMERCIAL MORTGAGE TRU	\$4,892,086
WISCONSIN POWER + LIGHT	\$883,861
WISCONSIN PUBLIC SERVICE	\$232,578
WORLD OMNI AUTO RECEIVABLES TR	\$844,903
WRKCO INC	\$6,747,730
Total Holdings	\$1,812,828,098

**Non-Core Fixed Income Asset Class
Manager Holdings**

Security Name	Market Value
Cohen & Steers	\$138,090,909
Neuberger Berman	\$159,785,969
Oaktree Capital Mgmt	\$197,311,931
Payden & Rygel	\$140,873,204
Shenkman Capital Mgmt	\$173,378,496
State Street Global Advisors (Cash)	\$587,098
Total Holdings	\$810,027,606

Non-Core Fixed Income Asset Class Security Holdings	
Security Name	Market Value
1011778 BC / NEW RED FIN	\$481,488
180 MEDICAL INC	\$171,866
1MDB GLOBAL INVESTMENTS	\$3,326,934
ABERCROMBIE + FITCH MANA	\$79,000
ABU DHABI CRUDE OIL	\$1,165,631
ACADEMY LTD	\$999,159
ACADIA HEALTHCARE CO INC	\$626,558
ACCO BRANDS CORP	\$1,023,496
ACRISURE LLC / FIN INC	\$590,040
ACURIS FIN US/ACURIS FIN	\$442,990
ADANI ELECTRICITY MUMBAI	\$319,343
ADANI TRANS STEP ONE LTD	\$267,751
ADIENT GLOBAL HOLDINGS	\$265,235
ADT SEC CORP	\$595,754
ADVANCED DRAINAGE SYSTEM	\$300,365
AECOM	\$396,835
AEGON FUNDING CO LLC	\$264,419
AEGON NV	\$540,138
AERCAP GLOBAL AVIATION T	\$204,405
AES PANAMA GENERATION HL	\$173,444
AETHON UN/AETHIN UN FIN	\$336,661
AFFINITY INTERACTIVE	\$510,168
AG TTMT ESCROW ISSUER	\$21,196
AHEAD DB HOLDINGS LLC	\$960,720
AHLSTROM MUNKSJO HLDG 3	\$222,302
AHP HEALTH PARTN	\$74,148
AI CANDELARIA SPAIN SLU	\$275,483
AIR CANADA	\$297,105
AIRCASTLE LTD	\$317,278
ALBERTSONS COS/SAFEWAY	\$3,910,930
ALGONQUIN PWR + UTILITY	\$1,587,918
ALLIANT HOLD / CO ISSUER	\$1,113,180
ALLIED UNIVERSAL	\$1,492,106
ALLISON TRANSMISSION INC	\$677,563
ALLY FINANCIAL INC	\$1,605,178
ALTA EQUIPMENT GROUP	\$339,750
ALTERYX INC	\$173,244
ALTICE FINANCING SA	\$689,718

ALTICE FRANCE HOLDING SA	\$909,170
ALTICE FRANCE SA	\$5,562,662
AMC NETWORKS INC	\$1,403,124
AMERICAN AIRLINES INC	\$306,549
AMERICAN AIRLINES/AADVAN	\$3,511,841
AMERICAN AXLE + MFG INC	\$1,198,193
AMERICAN ELECTRIC POWER	\$484,382
AMERICAN EXPRESS CO	\$358,610
AMERICAN FINANCIAL GROUP	\$72,691
AMERIGAS PART/FIN CORP	\$953,915
AMKOR TECHNOLOGY INC	\$174,057
AMSTED INDUSTRIES	\$382,104
AMWINS GROUP INC	\$150,250
ANGLOGOLD HOLDINGS PLC	\$174,550
ANTERO MIDSTREAM PART/FI	\$2,090,888
APACHE CORP	\$138,687
API GROUP DE INC	\$384,974
APX GROUP INC	\$1,846,816
ARAB REPUBLIC OF EGYPT	\$2,616,289
ARAMARK SERVICES INC	\$2,814,417
ARCH CAPITAL GROUP LTD	\$268,277
ARCHES BUYER INC	\$675,308
ARCHROCK PARTNERS LP/FIN	\$1,778,283
ARCONIC CORP	\$1,240,224
ARDAGH METAL PACKAGING	\$599,937
ARDAGH PKG FIN/HLDGS USA	\$3,329,690
ARES FINANCE CO	\$280,915
ASBURY AUTOMOTIVE GROUP	\$1,118,248
ASCENT RESOURCES UTICA	\$268,770
ASCENT RESOURCES/ARU FIN	\$1,508,852
ASGN INCORPORATED	\$466,904
ASHLAND LLC	\$481,979
ASP TPI HLDGS INC	\$387,215
ASSURANT INC	\$433,723
ASSUREDPARTNERS INC	\$2,154,426
ASURION LLC	\$728,354
AT+T INC	\$134,416
ATHENAHEALTH GROUP INC	\$525,989
ATHENAHEALTH INC	\$0
ATHENE HOLDING LTD	\$1,750,904
ATI INC	\$391,923

ATLAS LUXCO 4 / ALL UNI	\$1,180,670
AUST + NZ BANKING GRP/UK	\$399,264
AUTONATION INC	\$215,963
AVANTOR FUNDING INC	\$1,050,310
AVIENT CORP	\$1,327,650
AVIS BUDGET CAR/FINANCE	\$424,967
AVOLON HOLDINGS FNDG LTD	\$388,136
AXA SA	\$610,911
AXIS CAPITAL HLDGS LTD	\$36,417
AXIS SPECIALTY FINANCE	\$123,017
B+G FOODS INC	\$286,322
BALL CORP	\$959,754
BANCO BILBAO VIZCAYA ARG	\$383,576
BANCO DE CREDITO DEL PER	\$586,649
BANCO MERCANTIL DE NORTE	\$165,580
BANCO NACIONAL DE PANAMA	\$257,373
BANCO SANTANDER SA	\$911,484
BANK LEUMI LE ISRAEL	\$549,091
BANK OF AMERICA CORP	\$7,499,419
BANK OF NOVA SCOTIA	\$1,462,334
BANK OF NY MELLON CORP	\$601,724
BARCLAYS PLC	\$3,204,446
BATH + BODY WORKS INC	\$997,223
BAUSCH HEALTH AMERICAS	\$137,600
BAUSCH HEALTH COS INC	\$2,227,071
BCPE EMPIRE HOLDINGS INC	\$610,048
BELLRING BRANDS INC	\$386,868
BENTLEY SYSTEMS	\$219,113
BERKLEY (WR) CORPORATION	\$57,060
BERRY GLOBAL INC	\$1,224,838
BIG RIVER STEEL/BRS FIN	\$448,236
BLOU0081 IRS EUR P F 2.59000	-\$430,075
BLOU0081 IRS EUR R V 00MESTR	\$458,917
BLOU0084 IRS EUR P F 2.07900	-\$588,526
BLOU0084 IRS EUR R V 12MESTR	\$629,677
BLOU008P IRS EUR P F 2.07900	-\$588,526
BLOU008P IRS EUR R V 12MESTR	\$629,677
BL6IC76D IRS EUR P F 1.34100	-\$356,735
BL6IC76D IRS EUR R V 06MESTR	\$400,219
BLACKLINE INC	\$206,313
BLOCK COMMUNICATIONS INC	\$178,920

BLOCK INC	\$825,932
BLRVHVDU IRS EUR P F 1.73200	-\$813,695
BLRVHVDU IRS EUR R V 12MESTR	\$891,153
BLUE RACER MID LLC/FINAN	\$183,669
BLUELINX HOLDING	\$357,988
BNP PARIBAS	\$4,629,523
BOMBARDIER INC	\$1,698,571
BONOS DE TESORERIA	\$4,096,126
BONOS TESORERIA PESOS	\$1,376,343
BOXER PARENT CO INC	\$824,879
BOYNE USA INC	\$349,175
BP CAPITAL MARKETS PLC	\$3,030,898
BP9F7CXK CDS USD P F 1.00000	-\$3,061,961
BP9F7CXK CDS USD R V 03MEVENT	\$3,090,000
BPKK09R1 CDS USD P F 5.00000	-\$4,175,556
BPKK09R1 CDS USD R V 03MEVENT	\$4,150,000
BRAZILIAN REAL	\$40,979
BRF SA	\$210,196
BRIGHTHOUSE FINANCIAL IN	\$333,872
BRINK S CO/THE	\$878,962
BROADSTREET PARTNERS INC	\$601,734
BROOKFIELD BRP HOLDINGS	\$304,590
BROOKFIELD FIN I UK PLC	\$113,164
BROOKFIELD INFRA FIN ULC	\$209,735
BROOKFIELD INFRASTRUCTUR	\$458,835
BUCKEYE PARTNERS LP	\$2,578,393
BUILDERS FIRSTSOURCE INC	\$431,591
BWAY HLDG CO	\$218,252
C+W SENIOR FINANCING DAC	\$1,020,509
CABLEVISION LIGHTPATH	\$804,123
CAESARS ENTERTAIN INC	\$5,858,232
CAESARS RESORT / FINCO	\$793,800
CALLON PETROLEUM	\$156,610
CALLON PETROLEUM CO	\$1,096,986
CALPINE CORP	\$2,645,448
CAMELOT RETURN MERGER SU	\$476,991
CANPACK SA/CANPACK US	\$4,375
CAPITAL ONE FINANCIAL CO	\$365,566
CARLYLE FINANCE LLC	\$113,816
CARNIVAL CORP	\$2,097,469
CARNIVAL CORPORATION	\$161,291

CARNIVAL HLDGS BM LTD	\$374,680
CARPENTER TECHNOLOGY	\$336,561
CARRIAGE PURCHASER INC	\$277,961
CARS.COM INC	\$196,027
CASCADES INC/USA INC	\$840,858
CATALENT PHARMA SOLUTION	\$695,500
CCO HLDGS LLC/CAP CORP	\$8,537,854
CDI ESCROW ISSUER INC	\$320,072
CDK GLOBAL INC	\$36,143
CDK GLOBAL, INC.	\$816,560
CEC ENTERTAINMENT LLC	\$279,584
CEDAR FAIR/CAN/MAGNUM/MI	\$1,782,304
CELANESE US HOLDINGS LLC	\$371,774
CENTENE CORP	\$2,265,617
CENTRAL GARDEN + PET CO	\$246,376
CHARLES RIVER LABORATORI	\$67,185
CHARLES SCHWAB CORP	\$3,909,159
CHART INDUSTRIES INC	\$2,617,322
CHARTER COMM OPT LLC/CAP	\$101,568
CHEGG INC	\$264,935
CHENIERE ENERGY INC	\$661,898
CHESAPEAKE ENERGY CORP	\$608,606
CHILEAN PESO	\$120,052
CHORD ENERGY CORP	\$465,125
CHS INC	\$928,429
CHS/COMMUNITY HEALTH SYS	\$3,320,542
CHURCHILL DOWNS INC	\$1,185,957
CIBANCO SA/PLA ADMIN	\$549,678
CIKARANG LISTRINDO PT	\$234,033
CITGO PETROLEUM CORP	\$1,445,664
CITIGROUP GLOBAL MARKETS	\$557,024
CITIGROUP INC	\$3,650,722
CITIZENS FINANCIAL GROUP	\$338,555
CIVITAS RESOURCES INC	\$527,506
CLARIOS GLOBAL LP	\$576,704
CLARIOS GLOBAL LP/US FIN	\$966,609
CLARIV SCI HLD CORP	\$331,609
CLEAN HARBORS INC	\$143,708
CLEARWAY ENERGY OP LLC	\$557,930
CLEVELAND CLIFFS INC	\$732,570
CLOUD SOFTWARE GROUP, INC.	\$557,031

CLOUD SOFTWARE GRP HOLDG	\$931,689
CLYDESDALE ACQ HOLDINGS INC.	\$967,005
CLYDESDALE ACQUISITION	\$210,866
CMS ENERGY CORP	\$467,147
CNO FINANCIAL GROUP INC	\$187,025
CNTRL PARENT/CDK GLB INC	\$764,252
CNX RESOURCES CORP	\$532,980
COBANK ACB	\$491,250
COBRA ACQUISITIONCO LLC	\$155,202
COGENT COMMUNICATIONS GR	\$544,573
COLOMBIA TELECOMUNICACIO	\$160,322
COLOMBIAN PESO	\$41,283
COMERICA INC	\$329,644
COMMERZBANK AG	\$379,096
COMMSCOPE INC	\$2,470,443
COMMSCOPE TECH LLC	\$485,929
COMPASS GROUP DIVERSIFIE	\$695,601
COMSTOCK RESOURCES INC	\$2,170,021
CONDUENT BUS SERVICES	\$290,202
CONNECT FINCO SARL/CONNE	\$746,107
CONSENSUS CLOUD SOLUTION	\$1,360,164
CONSOLIDATED COMMUNICATI	\$773,327
CONSOLIDATED ENERGY FIN	\$127,928
CONSTELLIUM SE	\$309,771
CONTINENTAL RESOURCES	\$504,105
CONTINUUM ENERGY LEVANTE	\$222,767
COREBRIDGE FINANCIAL INC	\$782,788
CORNERSTONE BUILDING	\$479,305
COSTA RICA GOVERNMENT	\$784,899
COTY INC	\$1,650,968
COUPA SOFTWARE INC	\$94,750
COVANTA HOLDING CORP	\$671,122
CQP HOLDCO LP/BIP V CHIN	\$1,454,193
CREDIT AGRICOLE SA	\$3,079,798
CREDIT SUISSE GROUP AG	\$2,968,744
CRESTWOOD MID PARTNER LP	\$730,983
CROCS INC	\$875,729
CROWN AMER/CAP CORP VI	\$63,029
CROWNROCK LP/CROWNROCK F	\$1,004,701
CSC HOLDINGS LLC	\$5,523,119
CTR PARTNERSHIP/CARETRST	\$59,095

CVR ENERGY INC	\$1,067,836
CYXTERA DC HOLDINGS, INC	\$188,877
CZECH REPUBLIC	\$1,460,123
DAI ICHI LIFE INSURANCE	\$1,706,718
DANA FINANCING LUX SARL	\$833,212
DANA INC	\$502,695
DANSKE BANK A/S	\$189,884
DARLING INGREDIENTS INC	\$151,926
DAVIDS BRIDAL INC	\$0
DAVITA INC	\$1,342,240
DBI INVESTORS INC	\$55,579
DBIINVESTORSINC RIGHTS PVT	\$40,254
DCP MIDSTREAM OPERATING	\$1,191,333
DEALER TIRE FINANCIAL, LLC	\$345,051
DELTA AIR LINES INC	\$317,000
DEUTSCHE BANK AG	\$713,252
DEVELOPMENT BANK OF KAZA	\$480,461
DEVT BANK OF MONGOLIA	\$485,246
DIAMOND BC BV	\$1,155,413
DIAMOND SPORTS GR/DIAMON	\$56,877
DIGITALBRIDGE GROUP INC	\$277,873
DIGITALOCEAN HOLDINGS	\$255,257
DIRECTV FIN LLC/COINC	\$1,914,837
DISCOVER FINANCIAL SVS	\$165,386
DISH DBS CORP	\$2,631,633
DISH NETWORK CORP	\$1,195,412
DOMINICAN REPUBLIC	\$4,538,060
DOMINION ENERGY INC	\$1,182,649
DRAFTKINGS HOLDINGS INC	\$216,000
DRESDNER FNDG TRUST I	\$206,844
DROPBOX INC	\$178,439
DT MIDSTREAM INC	\$412,299
DTE ENERGY CO	\$131,241
DUKE ENERGY CORP	\$273,738
DUN + BRADSTREET CORP	\$314,517
ECO MATERIAL TECH INC	\$478,660
EDGEWELL PERSONAL CARE	\$704,058
EDISON INTERNATIONAL	\$1,020,427
EIG PEARL HOLDINGS SARL	\$398,798
ELASTIC NV	\$939,849
ELDORADO GOLD CORP	\$492,106

ELECTRICITE DE FRANCE SA	\$199,454
EMERA INC	\$2,027,070
EMPRESAS PUBLIC MEDELLIN	\$232,134
ENBRIDGE INC	\$4,381,504
ENCINO ACQUISITION PARTN	\$446,400
ENCOMPASS HEALTH CORP	\$760,986
ENDURANCE INTERNATIONAL	\$523,975
ENEL FINANCE INTL NV	\$212,586
ENERFLEX LTD	\$320,233
ENERGIZER HOLDINGS INC	\$781,576
ENERGY TRANSFER LP	\$2,163,705
ENLINK MIDSTREAM LLC	\$1,233,581
ENLINK MIDSTREAM PARTNER	\$675,226
ENPHASE ENERGY INC	\$68,764
ENSTAR FINANCE LLC	\$842,722
ENSTAR GROUP LTD	\$372,574
ENTEGRIS ESCROW CORP	\$833,044
ENTERCOM MEDIA CORP	\$43,270
ENVESTNET INC	\$111,225
ENVISION HEALTHCARE CORP	\$23,871
EPR PROPERTIES	\$472,365
EQM MIDSTREAM PARTNERS L	\$2,839,861
EQUITABLE HOLDINGS INC	\$842,367
ESKOM HOLDINGS SOC LTD	\$1,141,649
ETSY INC	\$364,973
EURO CURRENCY	\$53,656
EVERI HOLDINGS INC	\$564,387
EXACT SCIENCES CORP	\$288,044
FAIR ISAAC CORP	\$415,629
FARM CREDIT BK OF TEXAS	\$678,750
FEL ENERGY VI SARL	\$285,090
FERMACA ENTERPRISES S RL	\$550,531
FERRELLGAS LP/FERRELLGAS	\$286,095
FERTITTA ENTERTAINMENT	\$653,062
FIFTH THIRD BANCORP	\$409,874
FIRST ABU DHABI BANK PJS	\$411,751
FIRST HORIZON BANK	\$273,000
FIRST HORIZON CORP	\$209,678
FIRST QUANTUM MINERALS L	\$296,456
FIRST REPUBLIC BANK	\$1,370,832
FIRSTCASH INC	\$1,033,120

FIRSTENERGY CORP	\$323,180
FIVE9 INC	\$177,768
FMG RESOURCES AUG 2006	\$1,708,557
FONDO MIVIVIENDA SA	\$350,226
FOOT LOCKER INC	\$196,870
FORD MOTOR COMPANY	\$2,720,528
FORD MOTOR CREDI	\$157,488
FORD MOTOR CREDIT CO LLC	\$6,798,570
FORMULA ONE HOLDINGS LIMITED	\$104,869
FORTRESS TRANS + INFRAST	\$1,863,599
FORWARDS BARCLAYS BANK BOC	-\$260,000
FORWARDS BARCLAYS BANK COC	\$120,000
FORWARDS BNP PARIBAS BOC	-\$30,000
FORWARDS HSBC BOC	-\$209,119
FORWARDS HSBC COCLLATERAL	\$600,000
FRESENIUS MED CARE III	\$146,004
FRONTIER COMMUNICATIONS	\$3,816,289
FUKOKU MUTUAL LIFE INSUR	\$574,488
GAINWELL ACQUISITION CORP.	\$377,964
GALAXY PIPELINE ASSETS	\$584,039
GAP INC/THE	\$185,021
GARDA WORLD SECURITY	\$1,232,052
GARDA WORLD SECURITY COR	\$660,381
GARDEN SPINCO CORP	\$160,699
GEN DIGITAL INC	\$1,294,092
GENERAL ELECTRIC CO	\$227,758
GENESIS ENERGY LP/FIN	\$1,213,782
GEOPARK LTD	\$483,062
GFL ENVIRONMENTAL INC	\$2,795,384
GLATFELTER	\$197,074
GLOBAL AIR LEASE CO LTD	\$1,185,441
GLOBAL ATLANTIC	\$699,148
GLOBAL INFRASTRUCTURE SO	\$823,598
GLOBAL MEDICAL RESPONSE	\$387,141
GLOBAL NET LEASE/GLOBAL	\$459,787
GLP CAPITAL LP / FIN II	\$160,040
GO DADDY OPCO/FINCO	\$104,303
GOEASY LTD	\$1,277,128
GOLDEN ENTERTAINMENT INC	\$157,776
GOLDMAN SACHS CAPITAL I	\$281,840
GOLDMAN SACHS GROUP INC	\$1,662,047

GOODYEAR TIRE + RUBBER	\$3,631,232
GOVT OF BERMUDA	\$613,051
GRAFTECH FINANCE INC	\$223,708
GRAHAM PACKAGING/GPC CAP	\$493,169
GRANITE HOLDINGS US ACQ CO	\$0
GRAY ESCROW II INC	\$351,038
GRAY TELEVISION INC	\$612,213
GREAT LAKES DREDGE+DOCK	\$498,546
GREAT OUTDOORS GROUP LLC	\$343,981
GREAT OUTDOORS GROUP, LLC	\$0
GREENKO POWER II LTD	\$324,953
GREYSTAR REAL ESTATE PAR	\$863,871
GRIFOLS ESCROW ISSUER	\$471,550
GROUP 1 AUTOMOTIVE INC	\$221,753
GRUPO BIMBO SAB DE CV	\$398,072
GTCR AP FINANCE INC	\$1,384,348
GULFPORT ENERGY OP CORP	\$585,320
GVC HOLDINGS (GIBRALTAR) LTD	\$412,581
GXO LOGISTICS INC	\$234,976
GYP HOLDINGS III CORP	\$414,555
H.B. FULLER CO	\$268,397
HANESBRANDS INC	\$163,760
HARTFORD FINL SVCS GRP	\$465,513
HARVEST MIDSTREAM I LP	\$990,819
HAT HOLDINGS I LLC/HAT	\$988,163
HAWAIIAN BRAND INTELLECT	\$1,140,035
HCA INC	\$968,682
HEALTH EQUITY INC	\$501,511
HELIOS SOFT/ION CORP SOL	\$277,765
HERBALIFE LTD	\$180,100
HERC HOLDINGS INC	\$545,495
HERTZ CORP/THE	\$970,216
HESS MIDSTREAM OPERATION	\$956,222
HILCORP ENERGY I/HILCORP	\$1,648,302
HILTON DOMESTIC OPERATIN	\$147,855
HILTON GRAND VAC BOR ESC	\$1,055,131
HLF FIN SARL LLC/HERBALI	\$628,007
HOLLY NRG PRTNR/FIN CORP	\$330,598
HOST HOTELS + RESORTS LP	\$200,731
HOWARD MIDSTREAM ENERGY	\$657,118
HOWMET AEROSPACE INC	\$98,871

HSBC CAPITAL FUNDING USD	\$264,257
HSBC HOLDINGS PLC	\$563,098
HUB INTERNATIONAL LIMITED	\$166,983
HUB INTERNATIONAL LTD	\$1,843,954
HUDBAY MINERALS INC	\$938,719
HUGHES SATELLITE SYSTEMS	\$625,966
HUNGARY	\$462,134
HUNGARY GOVERNMENT BOND	\$1,067,733
HUNT COS INC	\$899,787
HUNTINGTON BANCSHARES	\$259,695
HUTAMA KARYA PERSERO PT	\$230,658
IAA INC	\$864,804
IHEARTCOMMUNICATIONS INC	\$1,492,437
IHO VERWALTUNGS GMBH	\$143,698
ILFC E CAPITAL TRUST I	\$287,996
ILIAD HOLDING SAS	\$1,304,923
ILLUMINATE BUYER/HLDG	\$433,414
IMOLA MERGER CORP	\$1,186,886
INDIA CLEANTECH ENERGY	\$203,288
INDONESIA ASAHAN ALUMINI	\$651,473
INDONESIA GOVERNMENT	\$546,701
INDONESIAN RUPIAH	\$0
INEOS QUATTRO FINANCE 2	\$221,588
INEOS US FIN LLC	\$223,043
ING GROEP NV	\$2,613,014
INTEGRA LIFESCIENCES HLD	\$183,772
INTEGRYS HOLDING INC	\$26,645
INTELLIGENT PACKAGING	\$904,064
INTELSAT JACKSON HLDG	\$654,847
INTERFACE INC	\$391,205
INTERNATIONAL GAME TECH	\$1,014,529
INTESA SANPAOLO SPA	\$840,064
ION TRADING TECHNOLOGIES	\$588,513
IQVIA INC	\$1,959,995
IRB HOLDING CORP	\$293,200
IRON MOUNTAIN INC	\$4,868,671
IRON MOUNTAIN INFO MGMT	\$563,622
ISLAMIC REP OF PAKISTAN	\$478,166
ITT HOLDINGS LLC	\$531,581
IVORY COAST	\$2,575,778
JAGUAR LAND ROVER AUTOMO	\$1,397,236

JAMF HOLDING CORP	\$157,315
JAZZ SECURITIES DAC	\$214,524
JB POINDEXTER + CO INC	\$935,982
JBS USA/FOOD/FINANCE	\$330,793
JEFFERIES FIN LLC / JFIN	\$204,148
JELD WEN INC	\$689,132
JETBLUE AIRWAYS CORP	\$89,692
JP MORGAN CHASE BANK NA	\$1,057,745
JPMORGAN CHASE + CO	\$3,215,511
JULIUS BAER GROUP LTD	\$381,948
KAR AUCTION SERVICES INC	\$1,120,272
KAZMUNAYGAS NATIONAL CO	\$564,544
KB HOME	\$524,416
KEMPER CORP	\$223,382
KENNEDY WILSON INC	\$1,033,557
KEYCORP	\$275,406
KINETIK HOLDINGS LP	\$707,548
KINGDOM OF BAHRAIN	\$1,913,068
KINGDOM OF JORDAN	\$2,031,660
KKR GROUP FIN CO IX LLC	\$62,528
KONTOOR BRANDS INC	\$176,895
KORN/FERRY INTERNATIONAL	\$110,327
KOSMOS ENERGY LTD	\$222,321
KYOBO LIFE INSURANCE CO	\$370,776
LA MONDIALE	\$562,428
LABL INC	\$704,592
LANCASHIRE HOLDINGS LTD	\$315,644
LATAM AIRLINES GROUP SA	\$420,717
LCM INVESTMENTS HOLDINGS	\$80,772
LCPR SR SECURED FIN DAC	\$325,050
LD HOLDINGS GROUP LLC	\$364,683
LEEWARD RENEWABL	\$649,515
LEGACY LIFEPOINT HEALTH	\$828,086
LEGENDS HOSPITALITY HOLD	\$1,060,945
LETRA TESOURO NACIONAL	\$2,883,194
LEVEL 3 FINANCING INC	\$2,665,356
LEVIATHAN BOND LTD	\$339,476
LFS TOPCO LLC	\$499,584
LGI HOMES INC	\$336,727
LIBERTY INTERACTIVE LLC	\$238,520
LIBERTY LATIN AMERICA	\$632,135

LIBERTY MUTUAL GROUP INC	\$405,053
LIFEPOINT HEALTH INC	\$349,739
LIFEPT/LEGACY LIFEPT	\$1,069,872
LIGHTSTONE HOLDCO LLC	\$704,931
LINCOLN NATIONAL CORP	\$965,868
LINDBLAD EXPEDITIONS LLC	\$190,527
LIONS GATE CAPITAL HOLD	\$435,295
LITHIA MOTORS INC	\$476,334
LIVE NATION ENTERTAINMEN	\$3,114,576
LIVONGO HEALTH	\$316,888
LLOYDS BANKING GROUP PLC	\$1,746,948
LPL HOLDINGS INC	\$387,266
LUMEN TECHNOLOGIES INC	\$1,945,716
M/I HOMES INC	\$162,758
MACY S RETAIL HLDGS LLC	\$459,020
MADISON IAQ LLC	\$104,236
MAGNOLIA OIL GAS/MAG FIN	\$390,831
MALAYSIA GOVERNMENT	\$3,881,984
MALAYSIAN RINGGIT	\$78,802
MARB BONDCO PLC	\$154,470
MARKEL CORP	\$280,581
MARRIOTT OWNERSHIP RESOR	\$776,317
MASONITE INTERNATIONAL C	\$245,512
MATCH GROUP FINANCECO 2	\$221,065
MATCH GROUP HLD II LLC	\$620,901
MATTAMY GROUP CORP	\$149,366
MAUSER PACKAGING SOLUT	\$1,384,531
MAXAR TECHNOLOGIES INC	\$74,971
MAXAR TECHNOLOGIES INC.	\$567,967
MBOI EXPENSE REFUND/DIVIDEND	\$0
MCAFFEE CORP	\$860,880
MCGRAW HILL EDUCATION	\$634,772
MDC HOLDINGS INC	\$165,485
MEDLINE BORROWER LP	\$2,515,255
MEIJI YASUDA LIFE INSURA	\$581,052
MERCER INTL INC	\$1,378,126
METHANEX CORP	\$963,960
METIS MERGER SUB LLC	\$394,166
METLIFE CAPITAL TRUST IV	\$649,482
METLIFE INC	\$1,656,283
MEX BONOS DESARR FIX RT	\$6,728,099

MEXICAN PESO (NEW)	-\$4,152
MEXICAN UDIBONOS	\$824,849
MEXICO CITY ARPT TRUST	\$820,055
MGIC INVESTMENT CORP	\$374,103
MGM CHINA HOLDINGS LTD	\$236,856
MGM RESORTS INTL	\$2,920,710
MICHAELS COS INC/THE	\$645,525
MIDAS OPCO HOLDINGS LLC	\$187,961
MIDWEST GMNG BOR/MWG FIN	\$555,419
MILEAGE PLUS HLDINGS LLC	\$206,315
MINEJESA CAPITAL BV	\$867,171
MINERAL RESOURCES LTD	\$805,459
MIWD HLD CO II/MIWD FIN	\$208,920
MIZRAHI TEFAHOT BANK LTD	\$201,662
MODIVCARE ESCROW ISSUER	\$417,072
MODIVCARE INC	\$321,960
MOLINA HEALTHCARE INC	\$1,424,243
MONEYGRAM INTERNATIONAL	\$183,129
MONEYGRAM INTERNATIONAL INC	\$182,690
MONGOLIA INTL BOND	\$530,702
MORGAN STANLEY	\$1,687,875
MOSS CREEK RESOURCES HLD	\$337,784
MPH ACQUISITION HOLDINGS	\$1,671,454
MPT OPER PARTNERSP/FINL	\$2,922,629
MSCI INC	\$690,772
MURPHY OIL CORP	\$93,351
MV24 CAPITAL BV	\$708,494
NABORS INDUSTRIES INC	\$1,073,916
NABORS INDUSTRIES LTD	\$1,380,501
NATIONAL MENTOR HOLDINGS INC	\$0
NATIONSTAR MTG HLD INC	\$1,685,537
NATWEST GROUP PLC	\$2,094,120
NAVIENT CORP	\$1,787,627
NBK TIER 1 FNC LTD	\$598,923
NBM US HOLDINGS INC	\$804,195
NCL CORPORATION LTD	\$1,245,973
NCL FINANCE LTD	\$74,211
NCR CORP	\$1,121,224
NECESS RETAIL/AFIN OP LP	\$1,415,365
NEPTUNE BIDCO US INC	\$1,088,241
NEW ENTERPRISE STONE + L	\$1,151,474

NEW FORTRESS ENERGY INC	\$1,233,347
NEWMARK GROUP INC	\$409,058
NEXSTAR MEDIA INC	\$1,298,513
NEXTERA ENERGY CAPITAL	\$271,090
NEXTERA ENERGY OPERATING	\$257,543
NEXTERA ENERGY PARTNERS	\$168,721
NFP CORP	\$2,017,566
NGL ENRGY OP/FIN CORP	\$325,109
NIPPON LIFE INSURANCE	\$586,518
NISOURCE INC	\$412,541
NMG HLDGO/NEIMAN MARCUS	\$159,989
NORDEA BANK ABP	\$393,396
NORTHERN OIL AND GAS INC	\$368,380
NORTHWEST FIBER LLC/NORT	\$775,260
NOTA DO TESOURO NACIONAL	\$5,047,156
NOVA CHEMICALS CORP	\$1,529,605
NOVELIS CORP	\$559,365
NRG ENERGY INC	\$2,647,744
NUFARM AUSTRALIA/AMERICA	\$654,915
NUSTAR LOGISTICS LP	\$779,854
NUVASIVE INC	\$175,092
OAKTREE CAPITAL GRP LLC	\$1,276,795
OCCIDENTAL PETROLEUM COR	\$3,382,005
OCEANEERING INTL INC	\$528,348
OCI NV	\$118,708
OI EUROPEAN GROUP BV	\$517,415
OKTA INC	\$276,783
OLYMPUS WTR US HLDG CORP	\$2,233,209
OMAN GOV INTERNTL BOND	\$2,346,922
ON SEMICONDUCTOR CORP	\$227,149
ONEMAIN FINANCE CORP	\$5,461,132
OPEN TEXT CORP	\$1,694,561
OPEN TEXT HOLDINGS INC	\$872,726
ORGANON + CO/ORG	\$1,624,800
OT MERGER CORP	\$222,631
OUTFRONT MEDIA CAP LLC/C	\$384,702
OWENS + MINOR INC	\$723,824
PACTIV EVERGREEN GROUP	\$1,654,386
PACWEST BANCORP	\$273,050
PARAMOUNT GLOBAL	\$157,120
PARK INTERMED HOLDINGS	\$2,870,278

PARKLAND CORP	\$1,740,781
PDC ENERGY INC	\$670,934
PECF USS INTERMEDIATE HO	\$64,917
PEDIATRIX MEDICAL GROUP	\$532,506
PELTON INTERACTIVE INC	\$526,730
PENNYMAC FIN SVCS INC	\$1,123,152
PENSKE AUTOMOTIVE GROUP	\$531,087
PERFORMANCE FOOD GROUP I	\$1,733,143
PERMIAN RESOURC OPTG LLC	\$2,501,971
PERTAMINA PERSERO PT	\$313,004
PERUSAHAAN LISTRIK NEGAR	\$1,145,348
PETROLEOS MEXICANOS	\$4,278,409
PETRONAS CAPITAL LTD	\$206,237
PETSMART INC/PETSMART FI	\$1,768,015
PHOENIX GRP HLD PLC	\$734,480
PIKE CORP	\$1,655,545
PILGRIM S PRIDE CORP	\$535,520
PLAYTIKA HOLDING CORP	\$1,082,941
PNC FINANCIAL SERVICES	\$856,612
POLAR US BORROWER LLC	\$218,759
POST HOLDINGS INC	\$1,727,550
PRAIRIE ECI ACQUIROR LP	\$257,050
PRECISION DRILLING CORP	\$800,742
PREMIER ENTERTAINMENT SU	\$564,823
PRESIDIO HOLDING INC	\$1,935,348
PRESTIGE BRANDS INC	\$306,982
PRIME SECSRVC BRW/FINANC	\$3,112,117
PROSUS NV	\$156,638
PROVINCIA DE BUENOS AIRE	\$50,067
PRUDENTIAL FINANCIAL INC	\$2,201,173
Q2 HOLDINGS INC	\$302,934
QBE INSURANCE GROUP LTD	\$1,588,536
QVC INC	\$828,466
RACKSPACE TECHNOLOGY	\$663,825
RADIATE HOLDCO / FINANCE	\$75,164
RAILWORKS HOLDINGS LP/R	\$551,607
RAPID7 INC	\$156,168
RAPTOR ACQ/RAPTOR CO ISS	\$412,993
REALOGY GROUP/CO ISSUER	\$1,697,588
REDFIN CORP	\$232,779
REGIONALCARE HOSPITAL PARTNERS	\$371,498

REGIONS FINANCIAL CORP	\$206,204
REINSURANCE GRP OF AMER	\$679,592
REPUBLIC OF ANGOLA	\$2,375,926
REPUBLIC OF ARGENTINA	\$1,344,677
REPUBLIC OF ARMENIA	\$1,725,359
REPUBLIC OF BELARUS	\$187,683
REPUBLIC OF CHILE	\$329,082
REPUBLIC OF COLOMBIA	\$2,665,713
REPUBLIC OF ECUADOR	\$2,970,262
REPUBLIC OF GABON	\$311,216
REPUBLIC OF GHANA	\$1,377,219
REPUBLIC OF GUATEMALA	\$1,460,143
REPUBLIC OF INDONESIA	\$1,545,790
REPUBLIC OF KAZAKHSTAN	\$772,479
REPUBLIC OF KENYA	\$1,353,167
REPUBLIC OF NAMIBIA	\$486,522
REPUBLIC OF NIGERIA	\$2,666,918
REPUBLIC OF PANAMA	\$1,265,370
REPUBLIC OF PARAGUAY	\$2,459,630
REPUBLIC OF PERU	\$265,365
REPUBLIC OF PHILIPPINES	\$589,723
REPUBLIC OF POLAND	\$501,805
REPUBLIC OF SENEGAL	\$434,816
REPUBLIC OF SERBIA	\$144,528
REPUBLIC OF SOUTH AFRICA	\$7,728,786
REPUBLIC OF SRI LANKA	\$1,343,530
REPUBLIC OF UZBEKISTAN	\$1,831,760
REPUBLIC OF ZAMBIA	\$304,846
REPUBLICA ORIENT URUGUAY	\$2,563,802
RESIDEO FUNDING INC	\$314,484
RHP HOTEL PPTY/RHP FINAN	\$613,595
RITCHIE BROS AUCTIONEERS	\$237,103
RLJ LODGING TRUST LP	\$712,002
ROCKCLIFF ENERGY II LLC	\$690,938
ROCKETMTGE CO ISSUER INC	\$314,164
ROLLS ROYCE PLC	\$967,830
ROMANIA	\$1,273,458
ROMANIA GOVERNMENT BOND	\$2,520,479
ROMANIAN LEU	\$80,849
ROTHESAY LIFE	\$306,604
ROYAL CARIBBEAN CRUISES	\$1,020,552

RP ESCROW ISSUER LLC	\$452,762
RUSSIAN RUBLE	\$20,382
RUWAIS POWER CO PJSC	\$409,352
RYAN SPECIALTY GROUP	\$209,834
SABLE INTL FINANCE LTD	\$236,528
SABRA HEALTH CARE LP	\$171,445
SABRE GLBL INC	\$966,755
SANCHEZ ENERGY CORP	\$2,063
SAUDI ARABIAN OIL CO	\$742,391
SAUDI INTERNATIONAL BOND	\$725,934
SBA COMMUNICATIONS CORP	\$352,257
SBL HOLDINGS INC	\$816,805
SC GAMES HOLDIN/US FINCO	\$726,287
SCE TRUST V	\$455,829
SCE TRUST VI	\$243,740
SCENTRE GROUP TRUST 2	\$1,583,949
SCIENTIFIC GAMES INTERNA	\$1,937,156
SCIH SALT HOLDINGS INC	\$495,875
SCIL IV LLC / SCIL USA H	\$1,093,546
SCOTTS MIRACLE GRO CO	\$428,512
SCRIPPS ESCROW II INC	\$543,233
SEAGATE HDD CAYMAN	\$883,274
SEASPAN CORP	\$1,083,053
SEAWORLD PARKS + ENTERTA	\$750,135
SEG HLD LLC/SEG FIN CORP	\$913,840
SELECT MEDICAL CORP	\$71,480
SEMPRA ENERGY	\$2,060,961
SENSATA TECH INC	\$218,163
SENSATA TECHNOLOGIES BV	\$1,239,754
SERVICE PROPERTIES TRUST	\$1,890,340
SHEA HOMES LP/FNDG CP	\$424,376
SIGNATURE BANK NEW YORK	\$270,435
SIRIUS XM RADIO INC	\$4,200,878
SIX FLAGS ENTERTAINMENT	\$207,833
SIX FLAGS THEME PARKS	\$496,969
SK INVICTUS INTERMEDIATE	\$740,412
SKANDINAVISKA ENSKILDA	\$383,928
SLOU0064 IRS MXN P V 01MTIIE	-\$821,050
SLOU0064 IRS MXN R F 8.80000	\$824,681
SLOU006G IRS MXN P V 01MTIIE	-\$636,313
SLOU006G IRS MXN R F 8.15000	\$612,601

SLOU0087 IRS USD P V 12MSOFR	-\$460,000
SLOU0087 IRS USD R F 2.92500	\$438,533
SLOU008A IRS USD P V 12MSOFR	-\$630,000
SLOU008A IRS USD R F 2.92100	\$599,243
SL545SYA IRS CNY P V 00MCNRR	-\$1,150,798
SL545SYA IRS CNY R F 2.91280	\$1,161,206
SL6IESQY IRS USD P V 12MSOFR	-\$630,000
SL6IESQY IRS USD R F 2.92100	\$599,243
SLLCIF5N IRS USD P V 06MSOFR	-\$422,000
SLLCIF5N IRS USD R F 2.77600	\$399,386
SLM CORP	\$171,102
SLRT9MVD IRS USD P V 12MSOFR	-\$952,000
SLRT9MVD IRS USD R F 2.77100	\$897,111
SLRVKBGG IRS USD P V 12MSOFR	-\$460,000
SLRVKBGG IRS USD R F 2.92500	\$438,533
SLWS0VE1 IRS CNY P V 03MCNRR	-\$1,041,472
SLWS0VE1 IRS CNY R F 2.48750	\$1,033,005
SLXA10Y3 IRS MXN P V 01MTIIE	-\$1,344,469
SLXA10Y3 IRS MXN R F 8.81000	\$1,351,270
SM ENERGY CO	\$383,388
SNAP INC	\$170,505
SOCIETE GENERALE	\$4,182,116
SOL	\$2,889
SOLARIS MIDSTREAM HOLDIN	\$512,873
SONIC AUTOMOTIVE INC	\$531,185
SOUTH AFRICAN RAND	\$32,714
SOUTHERN CO	\$1,588,652
SOUTHWESTERN ENERGY CO	\$667,588
SPCM SA	\$203,287
SPECTRUM BRANDS INC	\$1,762,499
SPIRIT AEROSYSTEMS INC	\$1,915,898
SPIRIT AIRLINES INC	\$505,531
SPLUNK INC	\$501,212
SPRINT CAPITAL CORP	\$2,874,669
SPRINT LLC	\$2,048,223
SPX FLOW INC	\$288,146
SRS DISTRIBUTION INC	\$145,561
STANDARD CHARTERED BANK	\$2,292,613
STANDARD CHARTERED PLC	\$597,618
STANDARD INDUSTRIES INC	\$1,668,487
STANDARD INDUSTRIES INC.	\$398,055

STAR ENERGY CO ISSUE	\$694,085
STARWOOD PROPERTY TRUST	\$1,084,490
STARWOOD PROPERTY TRUST INC	\$407,743
STATE OF QATAR	\$1,721,282
STATE STREET BANK + TRUST CO	\$12,823,762
STERICYCLE INC	\$571,973
STRATHCONA RESOURCES	\$455,080
SUBURBAN PROPANE PARTNRS	\$1,095,857
SUMMER (BC) BIDC	\$502,225
SUMMIT MATERIALS LLC/FIN	\$891,452
SUMMIT MID HLDS LLC / FI	\$681,448
SUNNOVA ENERGY CORP	\$603,261
SUNSHINE LUXEMBOURG VII SARL	\$0
SURGERY CENTER HOLDINGS	\$2,065,565
SVB FINANCIAL GROUP	\$1,531,348
SVENSKA HANDELSBANKEN AB	\$163,594
SWAP CCPC UBS COC	\$365,000
SWAP CITIBANK COC	\$77,000
SWAP UBS COC	\$177,000
SWISS RE FINANCE LUX	\$553,038
SYLVAMO CORPORATION	\$301,267
SYNCHRONY FINANCIAL	\$200,363
SYNEOS HEALTH INC	\$309,773
SYNOVUS FINANCIAL CORP	\$73,667
T MOBILE USA INC	\$1,330,956
TALLGRASS NRG PRTNR/FIN	\$2,141,640
TARGA RESOURCES PARTNERS	\$457,198
TAYLOR MORR COMM/HLDGS	\$322,855
TEAM HEALTH HOLDINGS INC	\$228,243
TEAM HEALTH HOLDINGS, INC.	\$367,574
TEAM HEALTH INC DEL	\$0
TEGNA INC	\$248,240
TELECOM ITALIA CAPITAL	\$586,988
TELEFLEX INC	\$290,585
TELEPHONE + DATA SYS	\$318,723
TELESAT CANADA/TELESAT L	\$400,125
TEMPO ACQUISITION LLC/FI	\$261,066
TENET HEALTHCARE CORP	\$5,971,968
TENNECO INC	\$0
TEREX CORP	\$179,730
TEVA PHARM FIN CO LLC	\$37,157

TEVA PHARMACEUTICAL INDU	\$181,040
TEVA PHARMACEUTICALS NE	\$499,879
TEXAS CAPITAL BANCSHARES	\$116,693
THAILAND BAHT	\$39,161
THAILAND GOVERNMENT BOND	\$3,550,139
THOR INDUSTRIES	\$582,164
TIME WARNER CABLE LLC	\$137,114
TITULOS DE TESORERIA	\$1,279,046
TK ELEVATOR US NEWCO INC	\$537,803
TMS INTERNATIONAL CORP	\$1,155,119
TOLL BROS FINANCE CORP	\$162,239
TORONTO DOMINION BANK	\$832,728
TRANSALTA CORP	\$606,989
TRANSCANADA TRUST	\$3,167,370
TRANSDIGM INC	\$7,345,179
TRANSDIGM UK HOLDINGS	\$352,793
TRANSOCEAN PHOENIX 2 LTD	\$142,486
TRANSOCEAN PROTEUS LTD	\$66,133
TRAVEL + LEISURE CO	\$798,383
TREEHOUSE FOODS INC	\$153,419
TRI POINTE GROUP / HOMES	\$94,592
TRI POINTE HOMES INC	\$124,965
TRIDENT TPI HOLDINGS INC	\$33,290
TRINSEO OP / TRINSEO FIN	\$467,725
TRIPADVISOR INC	\$476,337
TRITON WATER HOLDINGS IN	\$413,971
TRIUMPH GROUP INC	\$418,538
TRIVIUM PACKAGING FIN	\$1,111,094
TRONOX INC	\$1,147,404
TRUIST FIN CORP	\$361,808
TRUIST FINANCIAL CORP	\$1,264,872
TRUST FIBRAUNO	\$419,328
TWILIO INC	\$333,765
U.S. SILICA CO	\$442,543
UBER TECHNOLOGIES INC	\$3,965,701
UBS GROUP AG	\$4,053,706
UKRAINE GOVERNMENT	\$1,082,242
UNICREDIT SPA	\$382,180
UNIFRAX ESCROW ISS CORP	\$801,264
UNITED AIR 2020 1 B PTT	\$294,184
UNITED AIRLINES INC	\$413,494

UNITED MEXICAN STATES	\$1,459,427
UNITED RENTALS NORTH AM	\$774,568
UNITED STATES CELLULAR C	\$211,587
UNITI GROUP/CSL CAPITAL	\$387,352
UNITI GRP/UNITI HLD/CSL	\$724,030
UNITY SOFTWARE INC	\$105,062
UNIVAR SOLUTIONS USA INC	\$683,676
UNIVISION COMMUNICATIONS	\$2,844,762
US 10YR NOTE (CBT)MAR23	\$0
US ACUTE CARE SOLUTIONS	\$226,320
US BANCORP	\$275,704
US CELLULAR CORP	\$301,172
US DOLLAR	\$4,844,448
US FOODS INC	\$1,447,022
US LONG BOND(CBT) MAR23	\$0
USA COM PART/USA COM FIN	\$875,779
USB CAPITAL IX	\$114,279
VAIL RESORTS INC	\$449,005
VALVOLINE INC	\$180,505
VENTURE GLOBAL CALCASIEU	\$1,268,470
VERINT SYSTEMS INC	\$160,319
VERSCEND ESCROW CORP	\$2,551,754
VERSCEND HLDG CORP	\$0
VERSCEND HOLDING CORP	\$221,985
VERTIV GROUP CORPORATION	\$947,927
VIASAT INC	\$1,020,162
VIBRANTZ TECH INC	\$801,209
VICI PROPERTIES / NOTE	\$1,458,820
VIRGIN MEDIA SECURED FIN	\$167,140
VIRGIN MEDIA VEND FIN IV	\$729,264
VISTA OUTDOOR INC	\$133,348
VISTAJET MALTA/XO MGMT	\$886,806
VISTRA CORP	\$1,850,423
VISTRA OPERATIONS CO LLC	\$2,203,236
VITAL ENERGY INC	\$277,623
VM CONSOLIDATED INC	\$1,352,304
VMED O2 UK FINAN	\$1,615,651
VOC ESCROW LTD	\$113,478
VODAFONE GROUP PLC	\$299,096
VOYA FINANCIAL INC	\$277,667
VTR COMUNICACIONES SPA	\$117,248

VZ SECURED FINANCING BV	\$911,014
WASH MULTIFAM ACQ INC	\$1,427,872
WATCO COS LLC/FINANCE CO	\$1,399,185
WATERBRIDGE MIDSTRM OPRTNG LLC	\$409,224
WAYFAIR INC	\$590,721
WEATHERFORD INTERNATIONAL	\$1,003,716
WEEKLEY HOMES LLC/ FINAN	\$681,210
WELLS FARGO + COMPANY	\$5,220,171
WESCO INTERNATIONAL INC	\$541,181
WESTERN ALLIANCE BANCORP	\$221,558
WESTERN DIGITAL CORP	\$281,317
WESTERN MIDSTREAM OPERAT	\$1,336,557
WHITE CAP PARENT LLC	\$358,436
WILLIAMS SCOTSMAN INTL	\$656,841
WINDSTREAM ESCROW LLC	\$290,426
WINTRUST FINANCIAL CORP	\$398,018
WMG ACQUISITION CORP	\$221,771
WR GRACE CO	\$565,200
WR GRACE HOLDING LLC	\$1,332,721
WYNDHAM HOTELS + RESORTS	\$990,389
WYNN LAS VEGAS LLC/CORP	\$690,304
WYNN MACAU LTD	\$620,653
WYNN RESORTS FINANCE LLC	\$162,935
XEROX HOLDINGS CORP	\$1,341,712
XHR LP	\$325,368
XPO CNW INC	\$566,593
YUAN RENMINBI	-\$2,183,063
YUAN RENMINBI OFFSHORE	\$2,193,428
ZAYO GROUP HOLDINGS INC	\$1,709,646
ZF NA CAPITAL	\$691,457
ZIFF DAVIS INC	\$650,273
ZIGGO BOND CO BV	\$858,203
ZIGGO BV	\$167,230
ZIPRECRUITER INC	\$550,252
ZURICH FINANCE IRELAND	\$305,948
Total Holdings	\$810,027,606

Cash Asset Class Manager Holdings	
Manager Name	Market Value
MONTANA BOARD OF INVESTMENTS	\$ 212,648,478
STATE STREET GLOBAL ADVISORS (CASH)	\$ 1,130,630
Total Holdings	\$ 213,779,108

Cash Asset Class Security Holdings	
Manager Name	Market Value
MONTANA BOARD OF INVESTMENTS	\$ 212,765,413
STATE STREET GLOBAL ADVISORS (CASH)	\$ 1,013,696
Total Holdings	\$ 213,779,108

**Short Term Investment Pool
Manager Holdings**

Manager Name	Market Value
Blackrock	\$10,000,000
Fidelity	\$60,000,000
Montana Board of Investments	\$7,860,683,180
Morgan Stanley	\$90,000,000
State Street Global Advisors (Cash)	\$201,000,000
Total Holdings	\$8,221,683,180

Short Term Investment Pool Security Holdings	
Security Name	Market Value
ANGLESEA FDG PLC + ANG	\$238,868,558
AUST + NEW ZEA	\$179,417,625
BANK MONTREAL MONTREAL BRH	\$49,590,139
BANK OF AMERICA N/A	\$50,000,000
BANK OF MONTREAL	\$100,000,000
BANK OF NOVA SCOTIA	\$125,000,000
BANK OF NOVA SCOTIA/THE	\$95,000,000
BARCLAYS BK PLC	\$162,416,185
BLACKROCK LIQUIDITY FDS	\$10,000,000
BRITANNIA FDG CO	\$226,116,144
CANADIAN IMPERIAL BK	\$150,000,000
CEDAR SPRING CPTL CO	\$100,000,000
CHARIOT FNDG LLC	\$100,000,000
CHESHAM FIN LTD	\$75,000,000
CHESHAM FIN LTD / CHESHAM FIN	\$70,000,000
CHESHAM FNC/ CHESH LLC	\$44,989,225
COLUMBIA FDG CO	\$230,126,540
CONCORD MIN CPTL CO	\$227,544,520
CORPOERATIVE CENTRALE	\$48,910,167
CREDIT SUISSE NY	\$100,000,000
CROWN POINT CAP CO.	\$225,000,000
FANNIE DISCOUNT NOTE	\$39,836,000
FARMER MAC	\$165,000,000
FED HOME LN DISCOUNT NT	\$89,506,211
FEDERAL FARM CREDIT BANK	\$553,999,519
FEDERAL HOME LOAN BANK	\$717,699,707
FIDELITY	\$60,000,000
GOLDMAN SACHS BANK USA	\$50,000,000
GOTHAM FDG CORP	\$238,081,204
GREAT BEAR FDG DAC / GREAT BEA	\$107,940,911
GTA FDG LLC DISC	\$232,265,106
HSBC BANK USA NA	\$200,000,000
ING US FUNDING LLC	\$49,734,222
INTERCAP BOND	\$68,706,869
L OREAL S A	\$105,853,385
LVMH	\$66,031,658
MORGAN STANLEY GOVT PORT 8302	\$90,000,000
MUFG BK LTD N Y BRH DISC COML	\$53,651,353

NATIONAL BK OF CANAD	\$78,579,306
NATL AUSTRALIA BK LT	\$50,000,000
NESTLE FIN FRANCE S.	\$49,893,250
NORDEA BK AB PUBL NY	\$50,000,000
PURE GROVE FDG	\$194,242,736
PURE GROVE FUNDING	\$25,000,000
ROYAL BANK OF CANADA	\$98,002,292
ROYAL BK CDA	\$64,452,563
SHEFFIELD RECEIVABLE	\$181,192,550
STOCKMAN DDA	\$75,000,000
SVENSKA HANDLSBNKN A	\$100,000,000
SWEDBANK	\$149,596,750
SWEDBANK SPARBANKEN SVENGE	\$80,000,000
THUNDER BAY FNDNG LLC	\$239,170,611
TORONTO DOMINION	\$100,000,000
TORONTO DOMINION BANK	\$49,065,000
TORONTO DOMINION BK	\$85,000,000
TOYOTA MOTOR CREDIT CORP	\$115,042,148
TREASURY BILL	\$154,188,770
TSY INFL IX N/B	\$97,698,927
US DOLLAR	\$201,000,000
US TREASURY N/B	\$88,308,297
VICTORY RECEIVABLES	\$238,841,175
WAL MART STORES INC	\$49,952,222
WESTPAC BANKING CORP.	\$84,579,248
WI TREASURY SEC.	\$26,592,089
Total Holdings	\$8,221,683,180

Trust Funds Investment Pool**Manager Holdings**

Manager Name	Market Value
Montana Board of Investments	\$1,903,050,959
Heitman	\$139,618,148
PGIM Inc.	\$135,026,562
JP Morgan	\$134,768,896
American Realty Advisors	\$98,904,605
Neuberger Berman	\$88,105,248
Stockbridge	\$75,997,500
Oaktree Capital	\$65,816,674
Shenkman Capital Mgmt	\$62,545,874
Fidelity	\$43,321,753
Angelo Gordon	\$36,348,080
AEW	\$31,846,793
UBS Realty Investors LLC	\$28,893,774
Bell Partners	\$22,438,800
Everwest Real Estate Investors	\$14,794,823
CBRE	\$9,907,823
Total Holdings	\$2,891,386,310

**Trust Funds Investment Pools
Security Holdings**

Security Name	Market Value
ABBVIE INC	\$14,328,050
AEW COLD STORAGE PROPERTIES FD	\$31,846,793
AG COMMERCIAL RE DEBT OPP III	\$36,348,080
AIR LIQUIDE FINANCE	\$4,893,350
ALIBABA GROUP HOLDING	\$17,501,620
ALTRIA GROUP INC	\$1,018,340
AMAZON.COM INC	\$13,836,935
AMERICAN CORE REALTY FUND LLC	\$98,904,605
AMERICAN EXPRESS CO	\$4,786,100
APPLE INC	\$4,793,800
AT+T INC	\$19,940,059
BANK OF AMERICA CORP	\$21,759,750
BANK OF NY MELLON CORP	\$2,820,330
BARCLAYS PLC	\$17,791,440
BELL CORE FUND I LP	\$22,438,800
BLACKROCK INC	\$3,792,760
BOSTON PROPERTIES LP	\$12,836,390
BRAVO RESIDENTIAL FUNDING TRUS	\$9,295,929
BURLINGTN NORTH SANTA FE	\$4,862,500
CAPITAL ONE FINANCIAL CO	\$16,891,586
CATERPILLAR FINL SERVICE	\$9,719,600
CBRE MSHELL INFRA INVESTMENTS	\$9,907,823
CFCRE COMMERCIAL MORTGAGE TRUS	\$3,810,682
CISCO SYSTEMS INC	\$4,188,080
CITIGROUP INC	\$14,344,700
CNA FINANCIAL CORP	\$3,669,440
COMCAST CORP	\$19,586,060
CONSTELLATION BRANDS INC	\$6,373,010
COREVEST AMERICAN FINANCE TRUS	\$14,996,965
CREDIT SUISSE GROUP AG	\$19,390,410
CVS HEALTH CORP	\$10,390,701
CVS PASS THROUGH TR 2014	\$1,929,043
CVS PASS THROUGH TRUST	\$9,871,024
DIAGEO CAPITAL PLC	\$18,287,500
DISCOVER BANK	\$15,606,720
DISCOVER FINANCIAL SVS	\$10,772,710
EW SILVER BOW HOLDINGS LLC	\$14,794,823
FANNIE MAE	\$64,648,078

FANNIEMAE WHOLE LOAN	\$2,756,843
FED HM LN PC POOL 1J0477	\$318,012
FED HM LN PC POOL A82927	\$248,264
FED HM LN PC POOL A89148	\$930,378
FED HM LN PC POOL A94799	\$501,351
FED HM LN PC POOL A95282	\$635,560
FED HM LN PC POOL A97720	\$539,983
FED HM LN PC POOL C01614	\$183,212
FED HM LN PC POOL G04332	\$594,930
FED HM LN PC POOL G08269	\$126,062
FED HM LN PC POOL G08706	\$2,431,768
FED HM LN PC POOL G08732	\$3,151,256
FED HM LN PC POOL G08737	\$2,246,688
FED HM LN PC POOL J08376	\$14,500
FED HM LN PC POOL J13342	\$237,723
FED HM LN PC POOL K93542	\$3,620,141
FED HM LN PC POOL QA5292	\$4,253,767
FED HM LN PC POOL QB1976	\$9,788,885
FED HM LN PC POOL QB9225	\$3,085,798
FED HM LN PC POOL QN1099	\$4,331,514
FED HM LN PC POOL RA6628	\$5,868,352
FED HM LN PC POOL RB5011	\$3,992,058
FED HM LN PC POOL SD8215	\$9,049,162
FED HM LN PC POOL SD8233	\$9,430,988
FED HM LN PC POOL SD8245	\$9,411,403
FED HM LN PC POOL SD8258	\$9,653,155
FED HM LN PC POOL ZT1593	\$1,662,192
FEDERAL FARM CREDIT BANK	\$70,387,008
FEDERAL HOME LOAN BANK	\$27,921,000
FEDEX CORP	\$3,704,480
FIDELITY ADVISOR SER IV	\$43,321,753
FINANCE OF AMER STRUCTURED	\$10,077,493
FINANCE OF AMERICA STRUCTURED	\$40,130,263
FIRSTKEY HOMES TRUST	\$9,038,245
FNMA POOL 190375	\$80,616
FNMA POOL 254476	\$268,938
FNMA POOL 255731	\$19,779
FNMA POOL 256600	\$160,019
FNMA POOL 256895	\$39,424
FNMA POOL 471678	\$6,526,391
FNMA POOL 646203	\$175,804

FNMA POOL 723551	\$6,516
FNMA POOL 725773	\$702,289
FNMA POOL 725946	\$38,802
FNMA POOL 735141	\$211,710
FNMA POOL 827606	\$213,826
FNMA POOL 890315	\$3,291,474
FNMA POOL 902163	\$267,726
FNMA POOL 924089	\$634,258
FNMA POOL 929842	\$304,124
FNMA POOL 930678	\$1,030,778
FNMA POOL 933853	\$569,248
FNMA POOL 936499	\$513,657
FNMA POOL 944622	\$166,598
FNMA POOL 962533	\$238,792
FNMA POOL 972562	\$142,832
FNMA POOL 985023	\$164,548
FNMA POOL AB2099	\$898,665
FNMA POOL AB3875	\$687,851
FNMA POOL AC5445	\$600,268
FNMA POOL AE1288	\$957,071
FNMA POOL AH1271	\$2,082,385
FNMA POOL AK3070	\$3,614,250
FNMA POOL AM6110	\$4,027,044
FNMA POOL AM7259	\$2,260,331
FNMA POOL AN4048	\$12,628,699
FNMA POOL AO9021	\$2,166,013
FNMA POOL AS7388	\$1,777,397
FNMA POOL AS8073	\$6,621,441
FNMA POOL AT6308	\$2,165,099
FNMA POOL AT9147	\$1,794,160
FNMA POOL AV4193	\$1,084,866
FNMA POOL AZ7909	\$1,169,971
FNMA POOL BC8664	\$1,484,802
FNMA POOL BH7058	\$1,975,965
FNMA POOL BJ7881	\$2,765,393
FNMA POOL BM3281	\$2,775,085
FNMA POOL BP6750	\$9,615,400
FNMA POOL CA1532	\$4,041,161
FNMA POOL CA8252	\$8,301,935
FNMA POOL CB1652	\$11,196,039
FNMA POOL FM4005	\$5,857,372

FNMA POOL FM5266	\$6,737,072
FNMA POOL MA1438	\$706,299
FNMA POOL MA3664	\$1,712,550
FNMA POOL MA3867	\$2,426,287
FNMA POOL MA3868	\$2,236,545
FNMA POOL MA4047	\$7,901,426
FNMA POOL MA4100	\$8,361,797
FNMA POOL MA4847	\$7,980,749
FREDDIE MAC	\$13,891,161
FRESB MULTIFAMILY MORTGAGE PAS	\$28,783,028
GILEAD SCIENCES INC	\$23,812,233
GNMA II POOL 004285	\$42,060
GNMA II POOL 004483	\$443,401
GNMA II POOL 082158	\$465,704
GNMA II POOL 711745	\$3,858,312
GNMA II POOL MA7472	\$3,711,514
GNMA II POOL MA8270	\$10,001,812
GNMA II POOL MA8347	\$9,654,078
GNMA POOL 568140	\$61,513
GNMA POOL 636460	\$178,295
GNMA POOL 673009	\$169,878
GNMA POOL 688143	\$292,772
GNMA POOL 697855	\$444,410
GNMA POOL 701864	\$681,960
GNMA POOL 732878	\$849,066
GNMA POOL AC3667	\$2,042,681
GOLDMAN SACHS GROUP INC	\$14,127,350
GOVERNMENT NATIONAL MORTGAGE A	\$23,147,803
GREAT AMERICA LEASING RECEIVAB	\$6,057,701
HEITMAN AMERICA RE TRUST LP	\$139,618,148
HOUSING URBAN DEVELOPMNT	\$9,461,115
HSBC HOLDINGS PLC	\$9,914,400
IMPAC SECURED ASSETS CORP.	\$300,741
JP MORGAN CHASE COMMERCIAL MOR	\$14,800,531
JP MORGAN INV MGT SPF FIV 2 US	\$134,768,896
JP MORGAN MORTGAGE TRUST	\$2,098,623
JPMORGAN CHASE + CO	\$15,653,790
KEYCORP	\$4,884,000
LOCKHEED MARTIN CORP	\$9,545,900
MARLIN LEASING RECEIVABLES LLC	\$1,313,102
MASTERCARD INC	\$6,659,450

METLIFE INC	\$2,065,880
MICROSOFT CORP	\$12,603,580
MONDELEZ INTERNATIONAL	\$1,982,711
MONTANA REAL ESTATE PROPERTIES	\$21,814,100
MORGAN STANLEY BAML TRUST	\$4,935,189
MORGAN STANLEY CAPITAL I TRUST	\$9,273,744
NEUBERGER BERMAN HY MUUH	\$88,105,248
NEXTERA ENERGY CAPITAL	\$4,721,200
NORFOLK SOUTHERN CORP	\$9,321,400
NUTRIEN LTD	\$8,665,000
NVIDIA CORP	\$5,693,285
OAKTREE CAP MUUG	\$65,816,674
OCEANVIEW MORTGAGE TRUST	\$2,108,031
ONDECK ASSET SECURITIZATION TR	\$4,572,622
ONSLow BAY FINANCIAL LLC	\$4,658,484
ONTARIO (PROVINCE OF)	\$4,891,950
ORACLE CORP	\$2,691,270
PAWNEE EQUIPMENT RECEIVABLES	\$4,331,085
PHILLIPS 66	\$15,990,750
POST ROAD EQUIPMENT FINANCE	\$10,757,081
PRISA LP	\$135,026,562
PROGRESS RESIDENTIAL TRUST	\$7,189,923
PROVINCE OF QUEBEC	\$9,975,800
PRUDENTIAL FINANCIAL INC	\$7,484,256
REINAUER MARITIME CO LLC	\$4,715,616
SAN DIEGO G + E	\$1,024,670
SEQUOIA MORTGAGE TRUST	\$2,318,903
SHELL INTERNATIONAL FIN	\$4,848,350
SHENKMAN CAP HIGH YIELD MUUF	\$62,545,874
SHORT TERM INVESTMENT POOL	\$64,221,272
SMALL BUSINESS ADMINISTRATION	\$130,277
STARBUCKS CORP	\$23,113,000
STOCKBRIDGE NICHE LOGISTICS FD	\$75,997,500
SUNCOR ENERGY INC	\$7,332,620
TENN VAL AUTH CPN STRIP	\$5,842,571
TENN VALLEY AUTHORITY	\$10,428,000
TEXAS INSTRUMENTS INC	\$6,021,600
TORONTO DOMINION BANK	\$7,067,920
TOYOTA MOTOR CREDIT CORP	\$16,426,590
TRUIST BANK	\$4,960,500
TSY INFL IX N/B	\$11,382,141

UBS TRUMBULL PROPERTY FUND	\$28,893,774
UNION PACIFIC CORP	\$8,622,600
US DOLLAR	\$572,729
US TREASURY N/B	\$430,759,727
VALERO ENERGY CORP	\$2,047,325
VENTAS REALTY LP	\$12,369,110
VERIZON COMMUNICATIONS	\$25,033,220
VISA INC	\$17,757,380
WALMART INC	\$4,405,560
WASTE MANAGEMENT INC	\$14,286,900
WELLS FARGO COMMERCIAL MORTGAG	\$8,881,554
WF RBS COMMERCIAL MORTGAGE TRU	\$13,697,841
WINWATER MORTGAGE LOAN TRUST	\$271,712
WRKCO INC	\$25,999,910
Total Holdings	\$2,891,386,310

State Fund Manager Holdings	
Manager Name	Market Value
Montana Board of Investments	\$ 1,060,569,999.26
BlackRock (Comingled)	\$ 174,894,923.88
Neuberger Berman	\$ 56,550,516.13
PGIM Inc.	\$ 25,824,912.33
Heitman	\$ 25,763,947.01
JP Morgan	\$ 25,436,814.00
American Realty Advisors	\$ 23,869,835.87
UBS Realty Investors LLC	\$ 18,048,933.33
Total Holdings	\$ 1,410,959,881.81

State Fund Manager Holdings	
Security Name	Market Value
ABBVIE INC	\$9,806,750
ACWI SUPERUNIT	\$40,077,612
ALIBABA GROUP HOLDING	\$10,687,410
ALTRIA GROUP INC	\$11,510,167
AMAZON.COM INC	\$6,896,080
AMERICAN CORE REALTY FUND LLC	\$23,869,836
AMSR TRUST	\$8,621,045
AT+T INC	\$3,935,200
BANK OF AMERICA CORP	\$20,969,200
BARCLAYS PLC	\$14,733,600
BENCHMARK MORTGAGE TRUST	\$4,396,327
BLACKROCK INC	\$2,844,570
BOSTON PROPERTIES LP	\$10,918,370
BRAVO RESIDENTIAL FUNDING TRUS	\$8,817,265
BURLINGTN NORTH SANTA FE	\$4,931,950
CAPITAL ONE FINANCIAL CO	\$8,603,700
CATERPILLAR FINL SERVICE	\$4,948,750
CITIGROUP INC	\$11,844,410
CNA FINANCIAL CORP	\$3,669,440
COMCAST CORP	\$11,587,951
COREVEST AMERICAN FINANCE TRUS	\$9,964,209
CREDIT SUISSE GROUP AG	\$12,397,960
CVS HEALTH CORP	\$3,395,320
DIAGEO CAPITAL PLC	\$15,258,530
DISCOVER BANK	\$8,742,130
DISCOVER FINANCIAL SVS	\$5,896,820
EMERSON ELECTRIC CO	\$2,008,531
EQUITY INDEX FUND B	\$134,817,312
EXELON CORP	\$4,886,900
FANNIE MAE	\$4,683,800
FED HM LN PC POOL G13081	\$2,893
FED HM LN PC POOL G18244	\$2,199
FED HM LN PC POOL QB1976	\$6,542,196
FED HM LN PC POOL QB9225	\$3,585,806
FED HM LN PC POOL QN1099	\$4,331,514
FED HM LN PC POOL RA6628	\$5,380,789
FED HM LN PC POOL RB5011	\$2,994,043
FED HM LN PC POOL RE6103	\$4,978,864

FED HM LN PC POOL SD8215	\$9,049,162
FED HM LN PC POOL SD8233	\$9,430,988
FED HM LN PC POOL SD8245	\$9,411,403
FED HM LN PC POOL SD8258	\$9,653,155
FEDERAL FARM CREDIT BANK	\$52,356,238
FEDERAL HOME LOAN BANK	\$25,348,355
FEDEX CORP	\$2,778,360
FINANCE OF AMER STRUCTURED	\$6,976,726
FINANCE OF AMERICA STRUCTURED	\$29,401,334
FIRSTKEY HOMES TRUST	\$9,038,245
FNMA POOL 962078	\$3,356
FNMA POOL AN2098	\$4,623,694
FNMA POOL AN2235	\$5,027,629
FNMA POOL AN4048	\$8,419,133
FNMA POOL BO2201	\$3,480,048
FNMA POOL BP6750	\$6,410,267
FNMA POOL BQ3004	\$8,126,922
FNMA POOL CA8252	\$8,301,935
FNMA POOL CB1652	\$7,464,026
FNMA POOL FM4005	\$9,089,481
FNMA POOL FM5266	\$6,737,072
FNMA POOL MA3868	\$3,354,817
FNMA POOL MA4047	\$7,901,426
FNMA POOL MA4078	\$6,546,921
FNMA POOL MA4100	\$6,689,438
FORD CREDIT AUTO OWNER TRUST/F	\$7,467,532
FREDDIE MAC	\$5,765,584
FRESB MULTIFAMILY MORTGAGE PAS	\$9,471,682
GILEAD SCIENCES INC	\$8,011,140
GNMA II POOL MA7409	\$7,125,668
GNMA II POOL MA7472	\$3,711,514
GOLDMAN SACHS GROUP INC	\$15,089,044
GOVERNMENT NATIONAL MORTGAGE A	\$10,191,446
GREAT AMERICA LEASING RECEIVAB	\$4,887,257
HEITMAN AMERICA RE TRUST LP	\$25,763,947
HOME DEPOT INC	\$4,461,650
HOUSING URBAN DEVELOPMNT	\$2,356,815
HSBC HOLDINGS PLC	\$4,957,200
JP MORGAN INV MGT SPF FIV 2 US	\$25,436,814
JPMORGAN CHASE + CO	\$14,307,764
LOCKHEED MARTIN CORP	\$8,086,970

MASSMUTUAL GLOBAL FUNDIN	\$1,961,420
MASTERCARD INC	\$13,946,150
MICROSOFT CORP	\$4,821,900
MMAF EQUIPMENT FINANCE LLC	\$4,837,339
MONDELEZ INTERNATIONAL	\$2,379,080
MORGAN STANLEY CAPITAL I TRUST	\$9,273,744
NEUBERGER BERMAN HIGH YIELD MU	\$56,550,516
NUTRIEN LTD	\$5,252,060
NVIDIA CORP	\$3,065,615
OCEANVIEW MORTGAGE TRUST	\$4,918,740
ONDECK ASSET SECURITIZATION TR	\$4,572,622
ONTARIO (PROVINCE OF)	\$4,891,950
ORACLE CORP	\$2,691,270
PAWNEE EQUIPMENT RECEIVABLES	\$2,895,525
PFIZER INC	\$2,831,130
PHILLIPS 66	\$3,787,400
PRISA LP	\$25,824,912
PROGRESS RESIDENTIAL TRUST	\$5,921,113
PROVINCE OF QUEBEC	\$3,990,320
PRUDENTIAL FINANCIAL INC	\$3,742,128
SHELL INTERNATIONAL FIN	\$4,848,350
SHORT TERM INVESTMENT POOL	\$29,422,437
SIMON PROPERTY GROUP LP	\$8,106,504
STARBUCKS CORP	\$18,490,400
TEXAS INSTRUMENTS INC	\$5,583,023
TORONTO DOMINION BANK	\$8,834,900
TOYOTA MOTOR CREDIT CORP	\$9,669,140
TSY INFL IX N/B	\$49,545,565
UBS TRUMBULL PROPERTY FUND	\$18,048,933
UNION PACIFIC CORP	\$9,232,150
US TREASURY N/B	\$157,747,188
VENTAS REALTY LP	\$7,486,480
VERIZON COMMUNICATIONS	\$17,517,396
VISA INC	\$6,176,480
WALMART INC	\$3,975,440
WELLS FARGO COMMERCIAL MORTGAG	\$4,440,777
WRKCO INC	\$17,428,180
Grand Total	\$1,410,959,882

**Separately Managed Accounts
Manager Holdings**

Manager Name	Market Value
Montana Board of Investments	\$ 11,139,793,764.65
BlackRock (Commingled)	\$ 6,815,908.10
Total Holdings	\$ 11,146,609,672.75

**Separately Managed Accounts
Security Holdings**

Security Name	Market Value
SHORT TERM INVESTMENT POOL	\$7,912,077,409
TRUST FUNDS INVESTMENT POOL	\$2,896,102,995
PERMANENT COAL TRUST	\$129,820,052
US TREASURY N/B	\$76,593,906
TREASURY BILL	\$60,335,889
VETERANS HOME LOAN MORTGAGES	\$48,006,361
MULTIFAMILY COAL TRUST HOME PR	\$9,482,906
FREDDIE MAC	\$5,581,625
US EQUITY MARKET FUND	\$3,396,910
ACWI EX US SUPERFUN	\$1,852,286
SSC GOVERNMENT GVMXX EL	\$1,790,970
U.S. DEBT INDEX FUND	\$1,566,711
US DOLLAR	\$1,650
Total Holdings	\$11,146,609,673

End Notes

Negative market values indicate a net short position.

Aggregated holdings do not include look through securities in commingled funds.