

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 13F
FORM 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: March 31, 2024

Check here if Amendment ; Amendment Number:
This Amendment (Check only one.): is a restatement
 adds new holdings entries

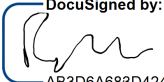
Institutional Investment Manager Filing this report:

Name: Commonwealth of Pennsylvania
Public School Employees Retirement System
Address: 5 North 5th Street
Harrisburg, PA 17101

13F File Number:028-05879
CRD Number (if applicable):
SEC File Number (if applicable):

The institutional investment manager filing this report and the person by whom it is signed hereby represents that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person signing this Report on Behalf of Reporting Manager:

Name: Robert Devine 
Title: Deputy Chief Investment and Operations Officer
Phone: 717-720-4915
Signature, Place, and Date of Signing:

/s/ Robert Devine Harrisburg, Pennsylvania May 8, 2024

Report Type (Check only one.):

- 13F HOLDINGS REPORT
- 13F NOTICE.
- 13F COMBINATION REPORT.

List of Other Managers Reporting for this Manager: N/A

FORM 13F SUMMARY PAGE

Report Summary:

Number of Other Included Managers: 0

Form 13F Information Table Entry Total: 1,535

Form 13F Information Table Value Total: \$14,604,461,161
(round to nearest dollar)

Confidential Treatment Requested. (The Manager has omitted from this public Form 13F one or more holding(s) for which it is requesting confidential treatment from the U.S. Securities and Exchange Commission pursuant to section 13(f) of the Exchange Act and rule 24b-2 thereunder)

List of Other Included Managers: NONE

COMMONWEALTH OF PA-PSERS
13F REPORT
31-Mar-24

NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE	SHARES	Invst Discr	Other Mngrs	Voting Authority SOLE
3-D SYS CORP DEL	COM NEW	88554D205	127,943	28,816	SH SOLE	0	28,816
3M CO	COM	88579Y101	12,869,897	121,334	SH SOLE	0	121,334
99 ACQUISITION GROUP INC	CL A	65445K101	2,021,202	196,138	SH SOLE	0	196,138
A10 NETWORKS INC	COM	002121101	206,651	15,095	SH SOLE	0	15,095
AAON INC	COM PAR \$0.004	000360206	1,283,000	14,563	SH SOLE	0	14,563
AAR CORP	COM	000361105	429,028	7,166	SH SOLE	0	7,166
ABBOTT LABS	COM	002824100	43,317,645	381,116	SH SOLE	0	381,116
ABBVIE INC	COM	00287Y109	70,579,593	387,587	SH SOLE	0	387,587
ABCELLERA BIOLOGICS INC	COM	00288U106	1,133,623	250,248	SH SOLE	0	250,248
ABERCROMBIE & FITCH CO	CL A	002896207	1,364,217	10,885	SH SOLE	0	10,885
ABM INDS INC	COM	000957100	605,717	13,575	SH SOLE	0	13,575
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	1,081,518	16,013	SH SOLE	0	16,013
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	1,616,009	20,399	SH SOLE	0	20,399
ACADIA RLTY TR	COM SH BEN INT	004239109	675,824	39,731	SH SOLE	0	39,731
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	47,708,440	137,643	SH SOLE	0	137,643
ACI WORLDWIDE INC	COM	004498101	779,738	23,479	SH SOLE	0	23,479
ACUITY BRANDS INC	COM	00508Y102	1,814,196	6,751	SH SOLE	0	6,751
ADAPTHEALTH CORP	COMMON STOCK	00653Q102	203,405	17,672	SH SOLE	0	17,672
ADDUS HOMECARE CORP	COM	006739106	357,143	3,456	SH SOLE	0	3,456
ADEIA INC	COM	00676P107	252,732	23,144	SH SOLE	0	23,144
ADIENT PLC	ORD SHS	G0084W101	664,457	20,184	SH SOLE	0	20,184
ADOBE INC	COM	00724F101	50,069,944	99,227	SH SOLE	0	99,227
ADTALEM GLOBAL ED INC	COM	00737L103	434,998	8,463	SH SOLE	0	8,463
ADTRAN HOLDINGS INC	COM	00486H105	83,210	15,296	SH SOLE	0	15,296
ADVANCE AUTO PARTS INC	COM	00751Y106	1,086,174	12,765	SH SOLE	0	12,765
ADVANCED DRAIN SYS INC DEL	COM	00790R104	2,602,374	15,109	SH SOLE	0	15,109
ADVANCED ENERGY INDS	COM	007973100	821,041	8,051	SH SOLE	0	8,051
ADVANCED MICRO DEVICES INC	COM	007903107	64,021,788	354,711	SH SOLE	0	354,711
AECOM	COM	00766T100	2,951,129	30,089	SH SOLE	0	30,089
AERCAP HOLDINGS NV	SHS	N00985106	2,789,463	32,096	SH SOLE	0	32,096
AEROVIRONMENT INC	COM	008073108	926,578	6,045	SH SOLE	0	6,045
AES CORP	COM	00130H105	2,635,764	147,003	SH SOLE	0	147,003
AFFILIATED MANAGERS GROUP IN	COM	008252108	1,252,508	7,479	SH SOLE	0	7,479
AFLAC INC	COM	001055102	9,922,325	115,564	SH SOLE	0	115,564
AGCO CORP	COM	001084102	1,691,279	13,748	SH SOLE	0	13,748
AGILENT TECHNOLOGIES INC	COM	00846U101	9,360,804	64,331	SH SOLE	0	64,331
AGILYSYS INC	COM	00847J105	367,121	4,357	SH SOLE	0	4,357
AGREE RLTY CORP	COM	008492100	2,270,349	39,747	SH SOLE	0	39,747
AGRICULTURE & NAT SOL ACQ CO	SHS CL A	G0131Y100	4,062,000	400,000	SH SOLE	0	400,000
AIR LEASE CORP	CL A	00912X302	1,147,009	22,298	SH SOLE	0	22,298
AIR PRODS & CHEMS INC	COM	009158106	11,823,261	48,802	SH SOLE	0	48,802
AIRBNB INC	COM CL A	009066101	15,772,980	95,617	SH SOLE	0	95,617
AKAMAI TECHNOLOGIES INC	COM	00971T101	3,601,261	33,112	SH SOLE	0	33,112
ALAMO GROUP INC	COM	011311107	509,404	2,231	SH SOLE	0	2,231
ALARM COM HLDGS INC	COM	011642105	782,314	10,795	SH SOLE	0	10,795
ALASKA AIR GROUP INC	COM	011659109	1,170,618	27,230	SH SOLE	0	27,230
ALBANY INTL CORP	CL A	012348108	630,070	6,738	SH SOLE	0	6,738
ALBEMARLE CORP	COM	012653101	3,393,886	25,762	SH SOLE	0	25,762
ALCHEMY INVTS ACQUISITN CORP	SHS CL A	G0232F109	3,174,000	300,000	SH SOLE	0	300,000
ALCOA CORP	COM	013872106	1,333,995	39,479	SH SOLE	0	39,479
ALEXANDER & BALDWIN INC NEW	COM	014491104	474,402	28,804	SH SOLE	0	28,804
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	8,418,596	65,306	SH SOLE	0	65,306
ALIGN TECHNOLOGY INC	COM	016255101	5,127,685	15,637	SH SOLE	0	15,637
ALKERMES PLC	SHS	G01767105	975,576	36,039	SH SOLE	0	36,039
ALLEGIANTRAVEL CO	COM	01748X102	232,700	3,094	SH SOLE	0	3,094
ALLEGION PLC	ORD SHS	G0176J109	2,596,131	19,272	SH SOLE	0	19,272
ALLEGRO MICROSYSTEMS INC	COM	01749D105	426,157	15,807	SH SOLE	0	15,807
ALLETE INC	COM NEW	018522300	6,860,270	115,028	SH SOLE	0	115,028

ALLIANT ENERGY CORP	COM	018802108	25,770,377	511,317 SH SOLE	0	511,317
ALLSTATE CORP	COM	020002101	9,969,874	57,626 SH SOLE	0	57,626
ALLY FINL INC	COM	02005N100	2,437,430	60,050 SH SOLE	0	60,050
ALPHA METALLURGICAL RESOUR I	COM	020764106	845,477	2,553 SH SOLE	0	2,553
ALPHABET INC	CAP STK CL C	02079K107	164,913,872	1,083,107 SH SOLE	0	1,083,107
ALPHABET INC	CAP STK CL A	02079K305	195,256,028	1,293,686 SH SOLE	0	1,293,686
ALTRIA GROUP INC	COM	02209S103	16,886,654	387,131 SH SOLE	0	387,131
AMAZON COM INC	COM	023135106	361,967,283	2,006,693 SH SOLE	0	2,006,693
AMCOR PLC	ORD	G0250X107	3,017,475	317,295 SH SOLE	0	317,295
AMEDISYS INC	COM	023436108	665,303	7,219 SH SOLE	0	7,219
AMER STATES WTR CO	COM	029899101	5,315,564	73,582 SH SOLE	0	73,582
AMEREN CORP	COM	023608102	38,849,561	525,278 SH SOLE	0	525,278
AMERICAN AIRLS GROUP INC	COM	02376R102	2,204,751	143,632 SH SOLE	0	143,632
AMERICAN ASSETS TR INC	COM	024013104	424,265	19,364 SH SOLE	0	19,364
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	186,061	25,280 SH SOLE	0	25,280
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	1,034,179	40,100 SH SOLE	0	40,100
AMERICAN ELEC PWR CO INC	COM	025537101	90,909,890	1,055,864 SH SOLE	0	1,055,864
AMERICAN EQTY INVT LIFE HLD	COM	025676206	757,958	13,482 SH SOLE	0	13,482
AMERICAN EXPRESS CO	COM	025816109	28,583,975	125,539 SH SOLE	0	125,539
AMERICAN FINL GROUP INC OHIO	COM	025932104	1,969,543	14,431 SH SOLE	0	14,431
AMERICAN HOMES 4 RENT	CL A	02665T306	4,757,309	129,345 SH SOLE	0	129,345
AMERICAN INTL GROUP INC	COM NEW	026874784	12,047,404	154,118 SH SOLE	0	154,118
AMERICAN TOWER CORP NEW	COM	03027X100	147,463,788	746,312 SH SOLE	0	746,312
AMERICAN WOODMARK CORPORATIO	COM	030506109	351,845	3,461 SH SOLE	0	3,461
AMERICAN WTR WKS CO INC NEW	COM	030420103	47,740,970	390,647 SH SOLE	0	390,647
AMERICOLD REALTY TRUST INC	COM	03064D108	1,251,258	50,211 SH SOLE	0	50,211
AMERIPRISE FINL INC	COM	03076C106	9,644,365	21,997 SH SOLE	0	21,997
AMERIS BANCORP	COM	03076K108	675,965	13,972 SH SOLE	0	13,972
AMERISAFE INC	COM	03071H100	207,704	4,140 SH SOLE	0	4,140
AMETEK INC	COM	031100100	9,266,994	50,667 SH SOLE	0	50,667
AMGEN INC	COM	031162100	33,392,815	117,448 SH SOLE	0	117,448
AMKOR TECHNOLOGY INC	COM	031652100	736,136	22,833 SH SOLE	0	22,833
AMN HEALTHCARE SVCS INC	COM	001744101	510,144	8,161 SH SOLE	0	8,161
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	354,354	8,070 SH SOLE	0	8,070
AMPHENOL CORP NEW	CL A	032095101	15,189,980	131,686 SH SOLE	0	131,686
ANALOG DEVICES INC	COM	032654105	21,529,442	108,850 SH SOLE	0	108,850
ANDERSONS INC	COM	034164103	390,116	6,800 SH SOLE	0	6,800
ANI PHARMACEUTICALS INC	COM	00182C103	225,087	3,256 SH SOLE	0	3,256
ANNALY CAPITAL MANAGEMENT IN	COM NEW	035710839	2,178,108	110,620 SH SOLE	0	110,620
ANSYS INC	COM	03662Q105	6,624,160	19,081 SH SOLE	0	19,081
ANTERO MIDSTREAM CORP	COM	03676B102	1,059,309	75,342 SH SOLE	0	75,342
ANTERO RESOURCES CORP	COM	03674X106	1,812,297	62,493 SH SOLE	0	62,493
ANYWHERE REAL ESTATE INC	COM	75605Y106	147,455	23,860 SH SOLE	0	23,860
AON PLC	SHS CL A	G0403H108	14,667,995	43,953 SH SOLE	0	43,953
APA CORPORATION	COM	03743Q108	2,726,025	79,291 SH SOLE	0	79,291
APARTMENT INCOME REIT CORP	COM	03750L109	1,881,344	57,941 SH SOLE	0	57,941
APARTMENT INVT & MGMT CO	CL A	03748R747	215,888	26,360 SH SOLE	0	26,360
APOGEE ENTERPRISES INC	COM	037598109	282,325	4,769 SH SOLE	0	4,769
APOLLO COML REAL EST FIN INC	COM	03762U105	314,504	28,232 SH SOLE	0	28,232
APPFOLIO INC	COM CL A	03783C100	1,116,005	4,523 SH SOLE	0	4,523
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	1,373,266	83,838 SH SOLE	0	83,838
APPLE INC	COM	037833100	546,429,080	3,186,547 SH SOLE	0	3,186,547
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	1,689,843	8,554 SH SOLE	0	8,554
APPLIED MATLS INC	COM	038222105	37,670,384	182,662 SH SOLE	0	182,662
APTARGROUP INC	COM	038336103	2,101,226	14,603 SH SOLE	0	14,603
APTIV PLC	SHS	G6095L109	4,879,120	61,257 SH SOLE	0	61,257
ARAMARK	COM	03852U106	1,887,981	58,056 SH SOLE	0	58,056
ARBOR REALTY TRUST INC	COM	038923108	539,381	40,708 SH SOLE	0	40,708
ARCADIUM LITHIUM PLC	COM SHS	G0508H110	982,990	228,072 SH SOLE	0	228,072
ARCBEST CORP	COM	03937C105	728,175	5,110 SH SOLE	0	5,110
ARCH CAP GROUP LTD	ORD	G0450A105	7,528,961	81,447 SH SOLE	0	81,447
ARCH RESOURCES INC	CL A	03940R107	637,854	3,967 SH SOLE	0	3,967
ARCHER DANIELS MIDLAND CO	COM	039483102	7,354,611	117,093 SH SOLE	0	117,093
ARCHROCK INC	COM	03957W106	583,353	29,657 SH SOLE	0	29,657

ARCOSA INC	COM	039653100	904,106	10,530	SH SOLE	0	10,530
ARCUS BIOSCIENCES INC	COM	03969F109	220,405	11,674	SH SOLE	0	11,674
ARES ACQUISITION CORP II	SHS CLASS A	G33033104	3,710,070	351,000	SH SOLE	0	351,000
ARISTA NETWORKS INC	COM	040413106	16,041,404	55,319	SH SOLE	0	55,319
ARLO TECHNOLOGIES INC	COM	04206A101	258,515	20,436	SH SOLE	0	20,436
ARMADA HOFFLER PPTYS INC	COM	04208T108	278,314	26,761	SH SOLE	0	26,761
ARMOUR RESIDENTIAL REIT INC	COM SHS	042315705	209,167	10,580	SH SOLE	0	10,580
ARMSTRONG WORLD INDS INC NEW	COM	04247X102	1,185,183	9,541	SH SOLE	0	9,541
ARROW ELECTRS INC	COM	042735100	1,540,962	11,903	SH SOLE	0	11,903
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	783,840	27,407	SH SOLE	0	27,407
ARTISAN PARTNERS ASSET MGMT	CL A	04316A108	678,037	14,814	SH SOLE	0	14,814
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	1,047,806	4,444	SH SOLE	0	4,444
ASGN INC	COM	00191U102	1,093,799	10,441	SH SOLE	0	10,441
ASHLAND INC	COM	044186104	1,078,957	11,081	SH SOLE	0	11,081
ASPEN TECHNOLOGY INC	COM	29109X106	1,319,137	6,185	SH SOLE	0	6,185
ASSOCIATED BANC CORP	COM	045487105	707,722	32,902	SH SOLE	0	32,902
ASSURANT INC	COM	04621X108	2,146,312	11,402	SH SOLE	0	11,402
ASSURED GUARANTY LTD	COM	G0585R106	1,024,228	11,739	SH SOLE	0	11,739
ASTEC INDS INC	COM	046224101	214,660	4,911	SH SOLE	0	4,911
ASTRANA HEALTH INC	COM NEW	03763A207	381,857	9,094	SH SOLE	0	9,094
AT&T INC	COM	00206R102	27,625,558	1,569,634	SH SOLE	0	1,569,634
ATI INC	COM	01741R102	1,409,785	27,551	SH SOLE	0	27,551
ATKORE INC	COM	047649108	5,748,872	30,200	SH SOLE	0	30,200
ATLANTIC UN BANKSHARES CORP	COM	04911A107	572,093	16,202	SH SOLE	0	16,202
ATMOS ENERGY CORP	COM	049560105	35,902,187	302,029	SH SOLE	0	302,029
AUTODESK INC	COM	052769106	12,229,584	46,961	SH SOLE	0	46,961
AUTOLIV INC	COM	052800109	1,959,396	16,270	SH SOLE	0	16,270
AUTOMATIC DATA PROCESSING IN	COM	053015103	22,521,803	90,181	SH SOLE	0	90,181
AUTONATION INC	COM	05329W102	949,932	5,737	SH SOLE	0	5,737
AUTOZONE INC	COM	053332102	11,963,663	3,796	SH SOLE	0	3,796
AVALONBAY CMNTYS INC	COM	053484101	10,438,863	56,256	SH SOLE	0	56,256
AVANGRID INC	COM	05351W103	4,619,645	126,774	SH SOLE	0	126,774
AVANOS MED INC	COM	05350V106	199,618	10,026	SH SOLE	0	10,026
AVERY DENNISON CORP	COM	053611109	3,946,837	17,679	SH SOLE	0	17,679
AVIENT CORPORATION	COM	05368V106	875,161	20,165	SH SOLE	0	20,165
AVIS BUDGET GROUP	COM	053774105	500,372	4,086	SH SOLE	0	4,086
AVISTA CORP	COM	05379B107	5,391,609	153,958	SH SOLE	0	153,958
AVNET INC	COM	053807103	991,055	19,989	SH SOLE	0	19,989
AXALTA COATING SYS LTD	COM	G0750C108	1,674,243	48,684	SH SOLE	0	48,684
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	787,108	7,058	SH SOLE	0	7,058
AXON ENTERPRISE INC	COM	05464C101	4,838,063	15,463	SH SOLE	0	15,463
AXOS FINANCIAL INC	COM	05465C100	590,981	10,936	SH SOLE	0	10,936
AZENTA INC	COM	114340102	743,614	12,336	SH SOLE	0	12,336
AZZ INC	COM	002474104	418,634	5,415	SH SOLE	0	5,415
B & G FOODS INC NEW	COM	05508R106	194,240	16,979	SH SOLE	0	16,979
BADGER METER INC	COM	056525108	1,025,552	6,338	SH SOLE	0	6,338
BAIDU INC	SPON ADR REP A	056752108	4,083,916	38,791	SH SOLE	0	38,791
BAKER HUGHES COMPANY	CL A	05722G100	7,360,721	219,723	SH SOLE	0	219,723
BALCHEM CORP	COM	057665200	1,078,917	6,963	SH SOLE	0	6,963
BALL CORP	COM	058498106	4,662,524	69,218	SH SOLE	0	69,218
BANC OF CALIFORNIA INC	COM	05990K106	455,251	29,931	SH SOLE	0	29,931
BANCFIRST CORP	COM	05945F103	275,446	3,129	SH SOLE	0	3,129
BANCORP INC DEL	COM	05969A105	387,701	11,587	SH SOLE	0	11,587
BANK AMERICA CORP	COM	060505104	57,314,070	1,511,447	SH SOLE	0	1,511,447
BANK HAWAII CORP	COM	062540109	535,556	8,584	SH SOLE	0	8,584
BANK NEW YORK MELLON CORP	COM	064058100	9,605,139	166,698	SH SOLE	0	166,698
BANK OZK LITTLE ROCK ARK	COM	06417N103	1,058,082	23,275	SH SOLE	0	23,275
BANKUNITED INC	COM	06652K103	449,708	16,061	SH SOLE	0	16,061
BANNER CORP	COM NEW	06652V208	356,064	7,418	SH SOLE	0	7,418
BAOZUN INC	SPONSORED ADR	06684L103	119,966	52,159	SH SOLE	0	52,159
BARNES GROUP INC	COM	067806109	406,532	10,943	SH SOLE	0	10,943
BATH & BODY WORKS INC	COM	070830104	2,481,042	49,601	SH SOLE	0	49,601
BAXTER INTL INC	COM	071813109	4,764,783	111,483	SH SOLE	0	111,483
BECTON DICKINSON & CO	COM	075887109	15,693,774	63,422	SH SOLE	0	63,422

BELDEN INC	COM		077454106	853,864	9,220 SH SOLE	0	9,220
BELLRING BRANDS INC	COMMON STOCK		07831C103	1,710,276	28,973 SH SOLE	0	28,973
BENCHMARK ELECTRS INC	COM		08160H101	231,257	7,706 SH SOLE	0	7,706
BERKLEY W R CORP	COM		084423102	3,934,872	44,492 SH SOLE	0	44,492
BERKSHIRE HATHAWAY INC DEL	CL B NEW		084670702	167,964,519	399,421 SH SOLE	0	399,421
BERKSHIRE HILLS BANCORP INC	COM		084680107	211,368	9,222 SH SOLE	0	9,222
BERRY GLOBAL GROUP INC	COM		08579W103	1,550,586	25,638 SH SOLE	0	25,638
BEST BUY INC	COM		086516101	3,452,151	42,084 SH SOLE	0	42,084
BGC GROUP INC	CL A		088929104	649,020	83,529 SH SOLE	0	83,529
BIO RAD LABS INC	CL A		090572207	1,589,273	4,595 SH SOLE	0	4,595
BIOGEN INC	COM		09062X103	6,858,975	31,809 SH SOLE	0	31,809
BIONTECH SE	SPONSORED ADS		09075V102	3,847,379	41,706 SH SOLE	0	41,706
BIO-TECHNE CORP	COM		09073M104	2,429,018	34,508 SH SOLE	0	34,508
BJS WHSL CLUB HLDGS INC	COM		05550J101	2,232,053	29,505 SH SOLE	0	29,505
BLACK HILLS CORP	COM		092113109	7,428,985	136,062 SH SOLE	0	136,062
BLACKBAUD INC	COM		09227Q100	688,909	9,292 SH SOLE	0	9,292
BLACKLINE INC	COM		09239B109	709,218	10,982 SH SOLE	0	10,982
BLACKLINE INC	NOTE	3/	09239BAD1	1,574,387	1,740,000 SH SOLE	0	1,740,000
BLACKROCK INC	COM		09247X101	25,592,923	30,698 SH SOLE	0	30,698
BLACKSTONE INC	COM		09260D107	20,745,950	157,920 SH SOLE	0	157,920
BLACKSTONE MTG TR INC	COM CL A		09257W100	740,831	37,209 SH SOLE	0	37,209
BLOCK H & R INC	COM		093671105	1,515,682	30,863 SH SOLE	0	30,863
BLOOMIN BRANDS INC	COM		094235108	537,693	18,748 SH SOLE	0	18,748
BOEING CO	COM		097023105	24,298,599	125,906 SH SOLE	0	125,906
BOISE CASCADE CO DEL	COM		09739D100	1,311,314	8,550 SH SOLE	0	8,550
BOOKING HOLDINGS INC	COM		09857L108	27,785,933	7,659 SH SOLE	0	7,659
BOOT BARN HLDGS INC	COM		099406100	622,662	6,544 SH SOLE	0	6,544
BORGWARNER INC	COM		099724106	1,752,390	50,443 SH SOLE	0	50,443
BOSTON BEER INC	CL A		100557107	633,802	2,082 SH SOLE	0	2,082
BOSTON PROPERTIES INC	COM		101121101	3,884,835	59,483 SH SOLE	0	59,483
BOSTON SCIENTIFIC CORP	COM		101137107	22,026,863	321,607 SH SOLE	0	321,607
BOX INC	CL A		10316T104	878,175	31,009 SH SOLE	0	31,009
BOYD GAMING CORP	COM		103304101	1,034,708	15,370 SH SOLE	0	15,370
BP PLC	SPONSORED ADR		055622104	6,006,983	159,421 SH SOLE	0	159,421
BRADY CORP	CL A		104674106	573,415	9,673 SH SOLE	0	9,673
BRANDYWINE RLTY TR	SH BEN INT NEW		105368203	326,381	67,996 SH SOLE	0	67,996
BREAD FINANCIAL HOLDINGS INC	COM		018581108	396,718	10,653 SH SOLE	0	10,653
BRIGHTHOUSE FINL INC	COM		10922N103	732,023	14,203 SH SOLE	0	14,203
BRINKER INTL INC	COM		109641100	474,494	9,551 SH SOLE	0	9,551
BRINKS CO	COM		109696104	920,659	9,966 SH SOLE	0	9,966
BRISTOL-MYERS SQUIBB CO	COM		110122108	24,223,944	446,689 SH SOLE	0	446,689
BRIXMOR PPTY GROUP INC	COM		11120U105	2,802,627	119,515 SH SOLE	0	119,515
BROADCOM INC	COM		11135F101	128,039,908	96,604 SH SOLE	0	96,604
BROADRIDGE FINL SOLUTIONS IN	COM		11133T103	5,296,450	25,854 SH SOLE	0	25,854
BROADSTONE NET LEASE INC	COM		11135E203	517,580	33,030 SH SOLE	0	33,030
BROOKLINE BANCORP INC DEL	COM		11373M107	191,142	19,191 SH SOLE	0	19,191
BROWN & BROWN INC	COM		115236101	4,539,562	51,857 SH SOLE	0	51,857
BROWN FORMAN CORP	CL B		115637209	2,049,056	39,695 SH SOLE	0	39,695
BRP INC	COM SUN VTG		05577W200	381,073	5,670 SH SOLE	0	5,670
BRUKER CORP	COM		116794108	1,927,085	20,514 SH SOLE	0	20,514
BRUNSWICK CORP	COM		117043109	1,469,227	15,222 SH SOLE	0	15,222
BUCKLE INC	COM		118440106	254,063	6,309 SH SOLE	0	6,309
BUILDERS FIRSTSOURCE INC	COM		12008R107	5,647,117	27,078 SH SOLE	0	27,078
BUNGE GLOBAL SA	COM SHS		H11356104	3,269,875	31,895 SH SOLE	0	31,895
BURLINGTON STORES INC	COM		122017106	3,284,095	14,144 SH SOLE	0	14,144
BWX TECHNOLOGIES INC	COM		05605H100	2,077,337	20,243 SH SOLE	0	20,243
C H ROBINSON WORLDWIDE INC	COM NEW		12541W209	1,949,793	25,608 SH SOLE	0	25,608
CABLE ONE INC	COM		12685J105	425,669	1,006 SH SOLE	0	1,006
CABOT CORP	COM		127055101	1,130,556	12,262 SH SOLE	0	12,262
CACI INTL INC	CL A		127190304	1,867,632	4,930 SH SOLE	0	4,930
CADENCE BANK	COM		12740C103	1,171,803	40,407 SH SOLE	0	40,407
CADENCE DESIGN SYSTEM INC	COM		127387108	18,591,509	59,726 SH SOLE	0	59,726
CAESARS ENTERTAINMENT INC NE	COM		12769G100	2,071,308	47,355 SH SOLE	0	47,355
CAL MAINE FOODS INC	COM NEW		128030202	516,585	8,778 SH SOLE	0	8,778

CALERES INC	COM	129500104	295,703	7,207 SH SOLE	0	7,207
CALIFORNIA RES CORP	COM STOCK	13057Q305	767,543	13,930 SH SOLE	0	13,930
CALIFORNIA WTR SVC GROUP	COM	130788102	5,334,463	114,769 SH SOLE	0	114,769
CALIX INC	COM	13100M509	419,806	12,660 SH SOLE	0	12,660
CALLON PETE CO DEL	COM	13123X508	437,774	12,242 SH SOLE	0	12,242
CAMDEN PPTY TR	SH BEN INT	133131102	4,115,186	41,821 SH SOLE	0	41,821
CAMPBELL SOUP CO	COM	134429109	1,919,840	43,191 SH SOLE	0	43,191
CAMTEK LTD	ORD	M20791105	6,199,901	74,011 SH SOLE	0	74,011
CAPITAL ONE FINL CORP	COM	14040H105	5,733,605	38,509 SH SOLE	0	38,509
CAPITOL FED FINL INC	COM	14057J101	159,972	26,841 SH SOLE	0	26,841
CAPRI HOLDINGS LIMITED	SHS	G1890L107	1,168,061	25,785 SH SOLE	0	25,785
CARDINAL HEALTH INC	COM	14149Y108	5,975,124	53,397 SH SOLE	0	53,397
CARETRUST REIT INC	COM	14174T107	1,200,125	49,246 SH SOLE	0	49,246
CARGURUS INC	COM CL A	141788109	427,049	18,503 SH SOLE	0	18,503
CARLISLE COS INC	COM	142339100	4,208,861	10,741 SH SOLE	0	10,741
CARLYLE GROUP INC	COM	14316J108	2,246,332	47,886 SH SOLE	0	47,886
CARMAX INC	COM	143130102	3,019,929	34,668 SH SOLE	0	34,668
CARNIVAL CORP	UNIT 99/99/9999	143658300	3,614,016	221,176 SH SOLE	0	221,176
CARNIVAL PLC	ADR	14365C103	543,478	36,896 SH SOLE	0	36,896
CARPENTER TECHNOLOGY CORP	COM	144285103	762,123	10,671 SH SOLE	0	10,671
CARRIER GLOBAL CORPORATION	COM	14448C104	10,661,740	183,412 SH SOLE	0	183,412
CARS COM INC	COM	14575E105	228,511	13,301 SH SOLE	0	13,301
CARTERS INC	COM	146229109	689,803	8,146 SH SOLE	0	8,146
CASEYS GEN STORES INC	COM	147528103	2,614,156	8,209 SH SOLE	0	8,209
CATALENT INC	COM	148806102	2,239,767	39,677 SH SOLE	0	39,677
CATALYST PHARMACEUTICALS INC	COM	14888U101	384,457	24,119 SH SOLE	0	24,119
CATERPILLAR INC	COM	149123101	40,951,850	111,759 SH SOLE	0	111,759
CATHAY GEN BANCORP	COM	149150104	593,515	15,689 SH SOLE	0	15,689
CAVCO INDS INC DEL	COM	149568107	668,825	1,676 SH SOLE	0	1,676
CBOE GLOBAL MKTS INC	COM	12503M108	4,257,575	23,173 SH SOLE	0	23,173
CBRE GROUP INC	CL A	12504L109	6,348,216	65,284 SH SOLE	0	65,284
CDW CORP	COM	12514G108	7,521,978	29,408 SH SOLE	0	29,408
CELANESE CORP DEL	COM	150870103	3,778,342	21,985 SH SOLE	0	21,985
CELLEBRITE DI LTD	ORDINARY SHARES	M2197Q107	731,878	66,054 SH SOLE	0	66,054
CELSIUS HLDGS INC	COM NEW	15118V207	2,719,693	32,799 SH SOLE	0	32,799
CEMEX SAB DE CV	SPON ADR NEW	151290889	4,093,531	454,332 SH SOLE	0	454,332
CENCORA INC	COM	03073E105	8,831,958	36,347 SH SOLE	0	36,347
CENTENE CORP DEL	COM	15135B101	9,208,451	117,335 SH SOLE	0	117,335
CENTERPOINT ENERGY INC	COM	15189T107	36,048,967	1,265,320 SH SOLE	0	1,265,320
CENTERSPACE	COM	15202L107	342,211	5,989 SH SOLE	0	5,989
CENTRAL GARDEN & PET CO	CL A NON-VTG	153527205	430,524	11,661 SH SOLE	0	11,661
CENTURY ALUM CO	COM	156431108	171,983	11,175 SH SOLE	0	11,175
CENTURY CMNTYS INC	COM	156504300	589,326	6,107 SH SOLE	0	6,107
CERTARA INC	COM	15687V109	413,529	23,128 SH SOLE	0	23,128
CF INDS HLDGS INC	COM	125269100	3,490,077	41,943 SH SOLE	0	41,943
CHAMPIONX CORPORATION	COM	15872M104	1,517,142	42,272 SH SOLE	0	42,272
CHARLES RIV LABS INTL INC	COM	159864107	3,051,168	11,261 SH SOLE	0	11,261
CHART INDS INC	COM	16115Q308	1,529,919	9,288 SH SOLE	0	9,288
CHARTER COMMUNICATIONS INC N	CL A	16119P108	6,300,568	21,679 SH SOLE	0	21,679
CHATHAM LODGING TR	COM	16208T102	106,661	10,550 SH SOLE	0	10,550
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	2,460,150	15,000 SH SOLE	0	15,000
CHEESECAKE FACTORY INC	COM	163072101	364,645	10,087 SH SOLE	0	10,087
CHEFS WHSE INC	COM	163086101	287,120	7,624 SH SOLE	0	7,624
CHEGG INC	NOTE 0.125%	163092AD1	27,945	30,000 SH SOLE	0	30,000
CHEMED CORP NEW	COM	16359R103	2,138,911	3,332 SH SOLE	0	3,332
CHEMOURS CO	COM	163851108	862,247	32,835 SH SOLE	0	32,835
CHENIERE ENERGY INC	COM NEW	16411R208	60,763,692	376,759 SH SOLE	0	376,759
CHESAPEAKE ENERGY CORP	COM	165167735	2,184,596	24,593 SH SOLE	0	24,593
CHESAPEAKE UTILS CORP	COM	165303108	515,255	4,802 SH SOLE	0	4,802
CHEVRON CORP NEW	COM	166764100	65,828,530	417,323 SH SOLE	0	417,323
CHIPOTLE MEXICAN GRILL INC	COM	169656105	17,498,755	6,020 SH SOLE	0	6,020
CHOICE HOTELS INTL INC	COM	169905106	690,755	5,467 SH SOLE	0	5,467
CHORD ENERGY CORPORATION	COM NEW	674215207	1,627,509	9,131 SH SOLE	0	9,131
CHUBB LIMITED	COM	H1467J104	23,054,537	88,969 SH SOLE	0	88,969

CHURCH & DWIGHT CO INC	COM	171340102	5,641,919	54,088	SH SOLE	0	54,088
CHURCHILL DOWNS INC	COM	171484108	1,858,478	15,018	SH SOLE	0	15,018
CIENA CORP	COM NEW	171779309	1,586,208	32,077	SH SOLE	0	32,077
CINCINNATI FINL CORP	COM	172062101	4,279,643	34,466	SH SOLE	0	34,466
CINEMARK HLDGS INC	COM	17243V102	411,675	22,909	SH SOLE	0	22,909
CINTAS CORP	COM	172908105	12,995,859	18,916	SH SOLE	0	18,916
CIRRUS LOGIC INC	COM	172755100	1,104,333	11,931	SH SOLE	0	11,931
CISCO SYS INC	COM	17275R102	44,522,315	892,052	SH SOLE	0	892,052
CITIGROUP INC	COM NEW	172967424	26,420,787	417,786	SH SOLE	0	417,786
CITIZENS FINL GROUP INC	COM	174610105	3,714,282	102,350	SH SOLE	0	102,350
CITY HLDG CO	COM	177835105	333,087	3,196	SH SOLE	0	3,196
CIVITAS RESOURCES INC	COM NEW	17888H103	1,440,924	18,982	SH SOLE	0	18,982
CLEAN HARBORS INC	COM	184496107	2,239,976	11,127	SH SOLE	0	11,127
CLEARWAY ENERGY INC	CL C	18539C204	569,151	24,692	SH SOLE	0	24,692
CLEVELAND-CLIFFS INC NEW	COM	185899101	2,506,517	110,225	SH SOLE	0	110,225
CLOROX CO DEL	COM	189054109	4,171,482	27,245	SH SOLE	0	27,245
CME GROUP INC	COM	12572Q105	17,013,938	79,028	SH SOLE	0	79,028
CMS ENERGY CORP	COM	125896100	35,231,621	583,885	SH SOLE	0	583,885
CNO FINL GROUP INC	COM	12621E103	665,016	24,200	SH SOLE	0	24,200
CNX RES CORP	COM	12653C108	796,446	33,577	SH SOLE	0	33,577
COCA COLA CO	COM	191216100	52,260,201	854,204	SH SOLE	0	854,204
COCA COLA CONS INC	COM	191098102	877,727	1,037	SH SOLE	0	1,037
COCA-COLA EUROPACIFIC PARTNE	SHS	G25839104	4,059,059	58,028	SH SOLE	0	58,028
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	4,748,511	72,685	SH SOLE	0	72,685
COGNEX CORP	COM	192422103	1,615,311	38,079	SH SOLE	0	38,079
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	8,012,503	109,326	SH SOLE	0	109,326
COGNYTE SOFTWARE LTD	ORD SHS	M25133105	191,434	23,148	SH SOLE	0	23,148
COHERENT CORP	COM	19247G107	1,771,074	29,216	SH SOLE	0	29,216
COHU INC	COM	192576106	341,932	10,259	SH SOLE	0	10,259
COLGATE PALMOLIVE CO	COM	194162103	16,276,898	180,754	SH SOLE	0	180,754
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	273,370	7,042	SH SOLE	0	7,042
COLUMBIA BKG SYS INC	COM	197236102	892,809	46,140	SH SOLE	0	46,140
COLUMBIA SPORTSWEAR CO	COM	198516106	619,322	7,629	SH SOLE	0	7,629
COMCAST CORP NEW	CL A	20030N101	37,708,648	869,865	SH SOLE	0	869,865
COMERICA INC	COM	200340107	1,592,235	28,955	SH SOLE	0	28,955
COMFORT SYS USA INC	COM	199908104	2,502,602	7,877	SH SOLE	0	7,877
COMMERCE BANCSHARES INC	COM	200525103	1,394,000	26,203	SH SOLE	0	26,203
COMMERCIAL METALS CO	COM	201723103	1,513,092	25,746	SH SOLE	0	25,746
COMMUNITY BK SYS INC	COM	203607106	553,113	11,516	SH SOLE	0	11,516
COMMUNITY HEALTHCARE TR INC	COM	20369C106	266,668	10,044	SH SOLE	0	10,044
COMMVAULT SYS INC	COM	204166102	979,611	9,658	SH SOLE	0	9,658
COMSTOCK RES INC	COM	205768302	184,134	19,842	SH SOLE	0	19,842
CONAGRA BRANDS INC	COM	205887102	3,110,303	104,936	SH SOLE	0	104,936
CONCENTRIX CORP	COM	20602D101	688,754	10,401	SH SOLE	0	10,401
CONMED CORP	COM	207410101	531,811	6,641	SH SOLE	0	6,641
CONOCOPHILLIPS	COM	20825C104	32,918,172	258,628	SH SOLE	0	258,628
CONSOL ENERGY INC NEW	COM	20854L108	481,955	5,754	SH SOLE	0	5,754
CONSOLIDATED COMM HLDGS INC	COM	209034107	69,375	16,059	SH SOLE	0	16,059
CONSOLIDATED EDISON INC	COM	209115104	63,147,185	695,377	SH SOLE	0	695,377
CONSTELLATION BRANDS INC	CL A	21036P108	9,596,933	35,314	SH SOLE	0	35,314
CONSTELLATION ENERGY CORP	COM	21037T109	12,960,388	70,113	SH SOLE	0	70,113
CONSTELLIUM SE	CL A SHS	F21107101	5,478,858	247,800	SH SOLE	0	247,800
COOPER COS INC	COM	216648501	4,426,598	43,629	SH SOLE	0	43,629
COPA HOLDINGS SA	CL A	P31076105	6,266,995	60,167	SH SOLE	0	60,167
COPART INC	COM	217204106	11,110,620	191,827	SH SOLE	0	191,827
COPT DEFENSE PROPERTIES	SHS BEN INT	22002T108	1,078,780	44,633	SH SOLE	0	44,633
CORCEPT THERAPEUTICS INC	COM	218352102	493,472	19,590	SH SOLE	0	19,590
CORE & MAIN INC	CL A	21874C102	2,160,214	37,733	SH SOLE	0	37,733
CORE LABORATORIES INC	COM	21867A105	172,337	10,090	SH SOLE	0	10,090
CORECIVIC INC	COM	21871N101	382,976	24,534	SH SOLE	0	24,534
CORNING INC	COM	219350105	5,555,968	168,567	SH SOLE	0	168,567
CORPAY INC	COM SHS	219948106	4,890,668	15,851	SH SOLE	0	15,851
CORTEVA INC	COM	22052L104	8,884,756	154,062	SH SOLE	0	154,062
CORVEL CORP	COM	221006109	514,613	1,957	SH SOLE	0	1,957

COSTAR GROUP INC	COM	22160N109	8,659,997	89,648 SH SOLE	0	89,648
COSTCO WHSL CORP NEW	COM	22160K105	71,366,221	97,411 SH SOLE	0	97,411
COTERRA ENERGY INC	COM	127097103	4,603,769	165,128 SH SOLE	0	165,128
COTY INC	COM CL A	222070203	994,677	83,167 SH SOLE	0	83,167
COUPANG INC	CL A	22266T109	7,061,545	396,939 SH SOLE	0	396,939
COUSINS PPTYS INC	COM NEW	222795502	1,451,391	60,374 SH SOLE	0	60,374
CRACKER BARREL OLD CTRY STOR	COM	22410J106	348,449	4,791 SH SOLE	0	4,791
CRANE COMPANY	COMMON STOCK	224408104	1,460,485	10,808 SH SOLE	0	10,808
CRANE NXT CO	COM	224441105	661,030	10,679 SH SOLE	0	10,679
CREDICORP LTD	COM	G2519Y108	543,193	3,206 SH SOLE	0	3,206
CRH PLC		G25508105	9,593,923	111,221 SH SOLE	0	111,221
CRITEO S A	SPONS ADS	226718104	1,941,160	55,351 SH SOLE	0	55,351
CROCS INC	COM	227046109	1,926,632	13,398 SH SOLE	0	13,398
CROWN CASTLE INC	COM	22822V101	73,787,322	697,225 SH SOLE	0	697,225
CROWN HLDGS INC	COM	228368106	2,098,726	26,479 SH SOLE	0	26,479
CSG SYS INTL INC	COM	126349109	314,652	6,105 SH SOLE	0	6,105
CSX CORP	COM	126408103	61,872,610	1,669,075 SH SOLE	0	1,669,075
CTS CORP	COM	126501105	314,850	6,729 SH SOLE	0	6,729
CUBESMART	COM	229663109	4,040,995	89,363 SH SOLE	0	89,363
CULLEN FROST BANKERS INC	COM	229899109	1,598,719	14,202 SH SOLE	0	14,202
CUMMINS INC	COM	231021106	8,815,339	29,918 SH SOLE	0	29,918
CURTISS WRIGHT CORP	COM	231561101	2,164,996	8,459 SH SOLE	0	8,459
CUSHMAN WAKEFIELD PLC	SHS	G2717B108	379,865	36,316 SH SOLE	0	36,316
CUSTOMERS BANCORP INC	COM	23204G100	324,250	6,111 SH SOLE	0	6,111
CVB FINL CORP	COM	126600105	510,010	28,588 SH SOLE	0	28,588
CVR ENERGY INC	COM	12662P108	224,515	6,296 SH SOLE	0	6,296
CVS HEALTH CORP	COM	126650100	22,035,056	276,267 SH SOLE	0	276,267
CYBERARK SOFTWARE LTD	SHS	M2682V108	7,870,351	29,629 SH SOLE	0	29,629
CYTEK BIOSCIENCES INC	COM	23285D109	143,386	21,369 SH SOLE	0	21,369
CYTOKINETICS INC	COM NEW	23282W605	1,520,686	21,690 SH SOLE	0	21,690
D R HORTON INC	COM	23331A109	10,787,733	65,559 SH SOLE	0	65,559
DANA INC	COM	235825205	352,323	27,742 SH SOLE	0	27,742
DANAHER CORPORATION	COM	235851102	36,052,576	144,372 SH SOLE	0	144,372
DARDEN RESTAURANTS INC	COM	237194105	4,381,670	26,214 SH SOLE	0	26,214
DARLING INGREDIENTS INC	COM	237266101	1,641,291	35,289 SH SOLE	0	35,289
DAVE & BUSTERS ENTMT INC	COM	238337109	434,632	6,943 SH SOLE	0	6,943
DAVITA INC	COM	23918K108	1,632,441	11,825 SH SOLE	0	11,825
DAYFORCE INC	COM	15677J108	2,269,282	34,274 SH SOLE	0	34,274
DECKERS OUTDOOR CORP	COM	243537107	5,304,000	5,635 SH SOLE	0	5,635
DEERE & CO	COM	244199105	23,479,131	57,163 SH SOLE	0	57,163
DELTA AIR LINES INC DEL	COM NEW	247361702	6,729,421	140,577 SH SOLE	0	140,577
DENTSPLY SIRONA INC	COM	24906P109	1,543,634	46,509 SH SOLE	0	46,509
DEVON ENERGY CORP NEW	COM	25179M103	7,057,917	140,652 SH SOLE	0	140,652
DEXCOM INC	COM	252131107	11,738,458	84,632 SH SOLE	0	84,632
DHT HOLDINGS INC	SHS NEW	Y2065G121	701,983	61,042 SH SOLE	0	61,042
DIAMONDBACK ENERGY INC	COM	25278X109	7,786,496	39,292 SH SOLE	0	39,292
DIAMONDROCK HOSPITALITY CO	COM	252784301	790,086	82,215 SH SOLE	0	82,215
DICKS SPORTING GOODS INC	COM	253393102	2,893,498	12,868 SH SOLE	0	12,868
DIGI INTL INC	COM	253798102	250,012	7,830 SH SOLE	0	7,830
DIGITAL RLTY TR INC	COM	253868103	17,287,537	120,019 SH SOLE	0	120,019
DIODES INC	COM	254543101	699,431	9,921 SH SOLE	0	9,921
DISCOVER FINL SVCS	COM	254709108	12,984,333	99,049 SH SOLE	0	99,049
DISNEY WALT CO	COM	254687106	49,272,292	402,683 SH SOLE	0	402,683
DLOCAL LTD	CLASS A COM	G29018101	2,099,704	142,837 SH SOLE	0	142,837
DNOW INC	COM	67011P100	349,038	22,963 SH SOLE	0	22,963
DOLBY LABORATORIES INC	COM CL A	25659T107	1,102,413	13,160 SH SOLE	0	13,160
DOLE PLC	ORD SHS	G27907107	217,210	18,207 SH SOLE	0	18,207
DOLLAR GEN CORP NEW	COM	256677105	7,519,907	48,186 SH SOLE	0	48,186
DOLLAR TREE INC	COM	256746108	6,050,070	45,438 SH SOLE	0	45,438
DOMINION ENERGY INC	COM	25746U109	82,472,790	1,676,617 SH SOLE	0	1,676,617
DOMINOS PIZZA INC	COM	25754A201	3,804,610	7,657 SH SOLE	0	7,657
DONALDSON INC	COM	257651109	1,984,621	26,575 SH SOLE	0	26,575
DONNELLEY FINL SOLUTIONS INC	COM	25787G100	331,319	5,343 SH SOLE	0	5,343
DORIAN LPG LTD	SHS USD	Y2106R110	283,219	7,364 SH SOLE	0	7,364

DORMAN PRODS INC	COM	258278100	589,907	6,120 SH SOLE	0	6,120
DOUBLEVERIFY HLDGS INC	COM	25862V105	1,058,386	30,102 SH SOLE	0	30,102
DOUGLAS EMMETT INC	COM	25960P109	892,410	64,341 SH SOLE	0	64,341
DOVER CORP	COM	260003108	5,441,682	30,711 SH SOLE	0	30,711
DOW INC	COM	260557103	8,931,300	154,174 SH SOLE	0	154,174
DOXIMITY INC	CL A	26622P107	727,189	27,023 SH SOLE	0	27,023
DROPBOX INC	CL A	26210C104	1,377,057	56,669 SH SOLE	0	56,669
DT MIDSTREAM INC	COMMON STOCK	23345M107	1,310,656	21,451 SH SOLE	0	21,451
DTE ENERGY CO	COM	233331107	5,082,409	45,322 SH SOLE	0	45,322
DUKE ENERGY CORP NEW	COM NEW	26441C204	149,536,097	1,546,232 SH SOLE	0	1,546,232
DUPONT DE NEMOURS INC	COM	26614N102	7,239,335	94,422 SH SOLE	0	94,422
DXC TECHNOLOGY CO	COM	23355L106	837,625	39,492 SH SOLE	0	39,492
DYCOM INDS INC	COM	267475101	909,406	6,336 SH SOLE	0	6,336
DYNATRACE INC	COM NEW	268150109	2,462,992	53,036 SH SOLE	0	53,036
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	346,413	27,914 SH SOLE	0	27,914
E L F BEAUTY INC	COM	26856L103	2,406,856	12,278 SH SOLE	0	12,278
EAGLE MATLS INC	COM	26969P108	2,071,007	7,621 SH SOLE	0	7,621
EAST WEST BANCORP INC	COM	27579R104	2,466,254	31,175 SH SOLE	0	31,175
EASTERLY GOVT PPTYS INC	COM	27616P103	435,492	37,836 SH SOLE	0	37,836
EASTGROUP PPTYS INC	COM	277276101	3,353,789	18,656 SH SOLE	0	18,656
EASTMAN CHEM CO	COM	277432100	2,580,765	25,751 SH SOLE	0	25,751
EATON CORP PLC	SHS	G29183103	27,408,903	87,658 SH SOLE	0	87,658
EBAY INC.	COM	278642103	6,013,542	113,936 SH SOLE	0	113,936
ECHOSTAR CORP	CL A	278768106	370,685	26,013 SH SOLE	0	26,013
ECOLAB INC	COM	278865100	12,863,670	55,711 SH SOLE	0	55,711
EDGEWELL PERS CARE CO	COM	28035Q102	416,655	10,783 SH SOLE	0	10,783
EDISON INTL	COM	281020107	53,690,577	759,092 SH SOLE	0	759,092
EDWARDS LIFESCIENCES CORP	COM	28176E108	12,723,241	133,144 SH SOLE	0	133,144
ELECTRONIC ARTS INC	COM	285512109	7,085,772	53,409 SH SOLE	0	53,409
ELEVANCE HEALTH INC	COM	036752103	26,746,293	51,580 SH SOLE	0	51,580
ELI LILLY & CO	COM	532457108	136,187,344	175,057 SH SOLE	0	175,057
ELLINGTON FINANCIAL INC	COM	28852N109	202,187	17,120 SH SOLE	0	17,120
ELME COMMUNITIES	SH BEN INT	939653101	485,697	34,892 SH SOLE	0	34,892
EMBECTA CORP	COMMON STOCK	29082K105	165,012	12,435 SH SOLE	0	12,435
EMCOR GROUP INC	COM	29084Q100	3,644,181	10,406 SH SOLE	0	10,406
EMERSON ELEC CO	COM	291011104	14,234,777	125,505 SH SOLE	0	125,505
EMPIRE ST RLTY TR INC	CL A	292104106	242,421	23,931 SH SOLE	0	23,931
EMPLOYERS HLDGS INC	COM	292218104	252,141	5,555 SH SOLE	0	5,555
ENCOMPASS HEALTH CORP	COM	29261A100	1,831,129	22,174 SH SOLE	0	22,174
ENCORE CAP GROUP INC	COM	292554102	231,744	5,081 SH SOLE	0	5,081
ENCORE WIRE CORP	COM	292562105	895,291	3,407 SH SOLE	0	3,407
ENDAVA PLC	ADS	29260V105	4,407,124	115,855 SH SOLE	0	115,855
ENERGIZER HLDGS INC NEW	COM	29272W109	424,436	14,417 SH SOLE	0	14,417
ENERPAC TOOL GROUP CORP	CL A COM	292765104	416,830	11,689 SH SOLE	0	11,689
ENERSYS	COM	29275Y102	844,472	8,940 SH SOLE	0	8,940
ENHABIT INC	COM	29332G102	126,123	10,826 SH SOLE	0	10,826
ENOVA INTL INC	COM	29357K103	394,698	6,282 SH SOLE	0	6,282
ENOVIS CORPORATION	COM	194014502	686,326	10,990 SH SOLE	0	10,990
ENPHASE ENERGY INC	COM	29355A107	3,605,567	29,803 SH SOLE	0	29,803
ENPRO INC	COM	29355X107	761,997	4,515 SH SOLE	0	4,515
ENSIGN GROUP INC	COM	29358P101	1,510,210	12,138 SH SOLE	0	12,138
ENTERGY CORP NEW	COM	29364G103	44,842,877	424,327 SH SOLE	0	424,327
ENVESTNET INC	COM	29404K106	622,011	10,741 SH SOLE	0	10,741
ENVIRI CORP	COM	415864107	157,755	17,241 SH SOLE	0	17,241
ENVISTA HOLDINGS CORPORATION	COM	29415F104	811,093	37,937 SH SOLE	0	37,937
EOG RES INC	COM	26875P101	16,365,821	128,018 SH SOLE	0	128,018
EPAM SYS INC	COM	29414B104	3,498,119	12,667 SH SOLE	0	12,667
EPLUS INC	COM	294268107	451,919	5,754 SH SOLE	0	5,754
EPR PPTYS	COM SH BEN INT	26884U109	1,265,350	29,808 SH SOLE	0	29,808
EQT CORP	COM	26884L109	3,347,384	90,299 SH SOLE	0	90,299
EQUIFAX INC	COM	294429105	7,241,231	27,068 SH SOLE	0	27,068
EQUINIX INC	COM	29444U700	30,670,088	37,161 SH SOLE	0	37,161
EQUITABLE HLDGS INC	COM	29452E101	2,638,198	69,408 SH SOLE	0	69,408
EQUITRANS MIDSTREAM CORP	COM	294600101	1,197,042	95,840 SH SOLE	0	95,840

EQUITY LIFESTYLE PPTYS INC	COM	29472R108	4,682,717	72,713 SH SOLE	0	72,713
EQUITY RESIDENTIAL	SH BEN INT	29476L107	8,953,605	141,873 SH SOLE	0	141,873
ERIE INDY CO	CL A	29530P102	2,215,462	5,517 SH SOLE	0	5,517
ESAB CORPORATION	COM	29605J106	1,385,663	12,532 SH SOLE	0	12,532
ESCO TECHNOLOGIES INC	COM	296315104	596,376	5,571 SH SOLE	0	5,571
ESH ACQUISITION CORP	COM	296424104	3,115,122	300,978 SH SOLE	0	300,978
ESSENT GROUP LTD	COM	G3198U102	1,403,246	23,580 SH SOLE	0	23,580
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	1,628,873	61,098 SH SOLE	0	61,098
ESSENTIAL UTILS INC	COM	29670G102	18,648,302	503,328 SH SOLE	0	503,328
ESSEX PPTY TR INC	COM	297178105	6,219,398	25,405 SH SOLE	0	25,405
ETSY INC	COM	29786A106	1,806,511	26,288 SH SOLE	0	26,288
EURONET WORLDWIDE INC	COM	298736109	1,065,442	9,692 SH SOLE	0	9,692
EVERCORE INC	CLASS A	29977A105	1,476,588	7,667 SH SOLE	0	7,667
EVEREST GROUP LTD	COM	G3223R108	3,787,380	9,528 SH SOLE	0	9,528
EVERGY INC	COM	30034W106	23,910,397	447,928 SH SOLE	0	447,928
EVERSOURCE ENERGY	COM	30040W108	41,783,593	699,073 SH SOLE	0	699,073
EVERTEC INC	COM	30040P103	556,884	13,957 SH SOLE	0	13,957
EXELIXIS INC	COM	30161Q104	1,591,524	67,068 SH SOLE	0	67,068
EXELON CORP	COM	30161N101	74,908,531	1,993,839 SH SOLE	0	1,993,839
EXLSERVICE HOLDINGS INC	COM	302081104	1,160,128	36,482 SH SOLE	0	36,482
EXP WORLD HLDGS INC	COM	30212W100	171,550	16,607 SH SOLE	0	16,607
EXPEDIA GROUP INC	COM NEW	30212P303	3,954,389	28,707 SH SOLE	0	28,707
EXPEDITORS INTL WASH INC	COM	302130109	3,880,150	31,917 SH SOLE	0	31,917
EXPONENT INC	COM	30214U102	925,963	11,198 SH SOLE	0	11,198
EXTRA SPACE STORAGE INC	COM	30225T102	12,266,268	83,444 SH SOLE	0	83,444
EXTREME NETWORKS	COM	30226D106	320,812	27,800 SH SOLE	0	27,800
EXXON MOBIL CORP	COM	30231G102	101,720,229	875,088 SH SOLE	0	875,088
EZCORP INC	CL A NON VTG	302301106	127,678	11,269 SH SOLE	0	11,269
F N B CORP	COM	302520101	1,119,173	79,374 SH SOLE	0	79,374
F5 INC	COM	315616102	2,447,607	12,910 SH SOLE	0	12,910
FABRINET	SHS	G3323L100	2,710,925	14,342 SH SOLE	0	14,342
FACTSET RESH SYS INC	COM	303075105	3,799,155	8,361 SH SOLE	0	8,361
FAIR ISAAC CORP	COM	303250104	6,817,872	5,456 SH SOLE	0	5,456
FASTENAL CO	COM	311900104	9,690,481	125,622 SH SOLE	0	125,622
FB FINL CORP	COM	30257X104	285,726	7,587 SH SOLE	0	7,587
FEDERAL RLTY INVNT TR NEW	SH BEN INT NEW	313745101	3,109,350	30,448 SH SOLE	0	30,448
FEDERAL SIGNAL CORP	COM	313855108	1,116,719	13,158 SH SOLE	0	13,158
FEDERATED HERMES INC	CL B	314211103	652,869	18,075 SH SOLE	0	18,075
FEDEX CORP	COM	31428X106	14,623,178	50,470 SH SOLE	0	50,470
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	3,036,948	57,193 SH SOLE	0	57,193
FIDELITY NATL INFORMATION SV	COM	31620M106	9,648,444	130,068 SH SOLE	0	130,068
FIFTH THIRD BANCORP	COM	316773100	5,563,900	149,527 SH SOLE	0	149,527
FINVOLUTION GROUP	SPONSORED ADS	31810T101	1,550,984	307,735 SH SOLE	0	307,735
FIRST AMERN FINL CORP	COM	31847R102	1,393,405	22,824 SH SOLE	0	22,824
FIRST BANCORP N C	COM	318910106	320,673	8,878 SH SOLE	0	8,878
FIRST BANCORP P R	COM NEW	318672706	637,895	36,368 SH SOLE	0	36,368
FIRST COMWLTH FINL CORP PA	COM	319829107	306,031	21,985 SH SOLE	0	21,985
FIRST FINL BANCORP OH	COM	320209109	460,641	20,546 SH SOLE	0	20,546
FIRST FINL BANKSHARES INC	COM	32020R109	932,165	28,411 SH SOLE	0	28,411
FIRST HAWAIIAN INC	COM	32051X108	605,218	27,560 SH SOLE	0	27,560
FIRST HORIZON CORPORATION	COM	320517105	1,903,486	123,603 SH SOLE	0	123,603
FIRST INDL RLTY TR INC	COM	32054K103	2,765,653	52,639 SH SOLE	0	52,639
FIRST SOLAR INC	COM	336433107	3,959,204	23,455 SH SOLE	0	23,455
FIRSTCASH HOLDINGS INC	COM	33768G107	1,043,532	8,182 SH SOLE	0	8,182
FIRSTENERGY CORP	COM	337932107	41,929,039	1,085,682 SH SOLE	0	1,085,682
FISERV INC	COM	337738108	21,057,564	131,758 SH SOLE	0	131,758
FIVE BELOW INC	COM	33829M101	2,214,468	12,209 SH SOLE	0	12,209
FIVERR INTL LTD	NOTE	33835LAA3	305,150	340,000 SH SOLE	0	340,000
FLOOR & DECOR HLDGS INC	CL A	339750101	3,055,662	23,574 SH SOLE	0	23,574
FLOWERS FOODS INC	COM	343498101	1,009,328	42,498 SH SOLE	0	42,498
FLOWSERVE CORP	COM	34354P105	1,325,816	29,024 SH SOLE	0	29,024
FLUOR CORP NEW	COM	343412102	1,593,449	37,688 SH SOLE	0	37,688
FMC CORP	COM NEW	302491303	1,744,616	27,388 SH SOLE	0	27,388
FOOT LOCKER INC	COM	344849104	504,194	17,691 SH SOLE	0	17,691

FORD MTR CO DEL	COM	345370860	11,377,959	856,774 SH SOLE	0	856,774
FORMFACTOR INC	COM	346375108	767,040	16,810 SH SOLE	0	16,810
FORTINET INC	COM	34959E109	9,557,935	139,920 SH SOLE	0	139,920
FORTIVE CORP	COM	34959J108	6,622,594	76,989 SH SOLE	0	76,989
FORTREA HLDGS INC	COMMON STOCK	34965K107	769,765	19,177 SH SOLE	0	19,177
FORTUNE BRANDS INNOVATIONS I	COM	34964C106	2,361,700	27,893 SH SOLE	0	27,893
FORWARD AIR CORP	COM	349853101	206,913	6,651 SH SOLE	0	6,651
FOUR CORNERS PPTY TR INC	COM	35086T109	867,559	35,454 SH SOLE	0	35,454
FOX CORP	CL A COM	35137L105	1,642,676	52,532 SH SOLE	0	52,532
FOX CORP	CL B COM	35137L204	828,864	28,961 SH SOLE	0	28,961
FOX FACTORY HLDG CORP	COM	35138V102	488,156	9,375 SH SOLE	0	9,375
FRANKLIN BSP RLTY TR INC	COMMON STOCK	35243J101	236,793	17,724 SH SOLE	0	17,724
FRANKLIN ELEC INC	COM	353514102	915,041	8,567 SH SOLE	0	8,567
FRANKLIN RESOURCES INC	COM	354613101	1,852,140	65,889 SH SOLE	0	65,889
FREEPORT-MCMORAN INC	CL B	35671D857	14,801,896	314,800 SH SOLE	0	314,800
FRONTDOOR INC	COM	35905A109	560,213	17,195 SH SOLE	0	17,195
FRONTIER COMMUNICATIONS PARE	COM	35909D109	1,198,859	48,933 SH SOLE	0	48,933
FTI CONSULTING INC	COM	302941109	1,620,074	7,704 SH SOLE	0	7,704
FULLER H B CO	COM	359694106	933,436	11,706 SH SOLE	0	11,706
FULTON FINL CORP PA	COM	360271100	562,093	35,374 SH SOLE	0	35,374
FUTU HLDGS LTD	SPON ADS CL A	36118L106	475,058	8,773 SH SOLE	0	8,773
G III APPAREL GROUP LTD	COM	36237H101	254,969	8,789 SH SOLE	0	8,789
GALLAGHER ARTHUR J & CO	COM	363576109	11,900,404	47,594 SH SOLE	0	47,594
GAMESTOP CORP NEW	CL A	36467W109	743,901	59,417 SH SOLE	0	59,417
GAMING & LEISURE PPTYS INC	COM	36467J108	4,809,063	104,386 SH SOLE	0	104,386
GAP INC	COM	364760108	1,310,774	47,578 SH SOLE	0	47,578
GARMIN LTD	SHS	H2906T109	5,002,330	33,602 SH SOLE	0	33,602
GARTNER INC	COM	366651107	8,156,777	17,112 SH SOLE	0	17,112
GATX CORP	COM	361448103	1,052,538	7,853 SH SOLE	0	7,853
GE HEALTHCARE TECHNOLOGIES I	COMMON STOCK	36266G107	8,451,630	92,967 SH SOLE	0	92,967
GEN DIGITAL INC	COM	668771108	2,756,141	123,042 SH SOLE	0	123,042
GENERAC HLDGS INC	COM	368736104	1,701,124	13,486 SH SOLE	0	13,486
GENERAL DYNAMICS CORP	COM	369550108	14,079,584	49,841 SH SOLE	0	49,841
GENERAL ELECTRIC CO	COM NEW	369604301	41,937,803	238,921 SH SOLE	0	238,921
GENERAL MLS INC	COM	370334104	8,723,020	124,668 SH SOLE	0	124,668
GENERAL MTRS CO	COM	37045V100	11,493,141	253,432 SH SOLE	0	253,432
GENPACT LIMITED	SHS	G3922B107	1,203,631	36,529 SH SOLE	0	36,529
GENTEX CORP	COM	371901109	1,863,684	51,597 SH SOLE	0	51,597
GENTHERM INC	COM	37253A103	407,782	7,082 SH SOLE	0	7,082
GENUINE PARTS CO	COM	372460105	4,768,281	30,777 SH SOLE	0	30,777
GENWORTH FINL INC	COM CL A	37247D106	626,263	97,397 SH SOLE	0	97,397
GEO GROUP INC NEW	COM	36162J106	372,203	26,360 SH SOLE	0	26,360
GEOPARK LTD	USD SHS	G38327105	2,067,994	215,416 SH SOLE	0	215,416
GETTY RLTY CORP NEW	COM	374297109	525,311	19,207 SH SOLE	0	19,207
GIBRALTAR INDS INC	COM	374689107	529,324	6,573 SH SOLE	0	6,573
GILEAD SCIENCES INC	COM	375558103	20,036,292	273,533 SH SOLE	0	273,533
GLACIER BANCORP INC NEW	COM	37637Q105	987,988	24,528 SH SOLE	0	24,528
GLAUKOS CORP	COM	377322102	993,722	10,539 SH SOLE	0	10,539
GLOBAL E ONLINE LTD	SHS	M5216V106	574,330	15,800 SH SOLE	0	15,800
GLOBAL NET LEASE INC	COM NEW	379378201	601,717	77,441 SH SOLE	0	77,441
GLOBAL PMTS INC	COM	37940X102	7,640,407	57,163 SH SOLE	0	57,163
GLOBANT S A	COM	L44385109	20,971,757	103,872 SH SOLE	0	103,872
GLOBE LIFE INC	COM	37959E102	2,187,989	18,802 SH SOLE	0	18,802
GLOBUS MED INC	CL A	379577208	1,368,786	25,518 SH SOLE	0	25,518
GMS INC	COM	36251C103	837,027	8,599 SH SOLE	0	8,599
GODADDY INC	CL A	380237107	3,697,001	31,151 SH SOLE	0	31,151
GOGO INC	COM	38046C109	117,257	13,355 SH SOLE	0	13,355
GOLDMAN SACHS GROUP INC	COM	38141G104	29,902,845	71,591 SH SOLE	0	71,591
GOODYEAR TIRE & RUBR CO	COM	382550101	861,187	62,723 SH SOLE	0	62,723
GOOSEHEAD INS INC	COM CL A	38267D109	351,754	5,280 SH SOLE	0	5,280
GRAB HOLDINGS LIMITED	CLASS A ORD	G4124C109	957,223	304,848 SH SOLE	0	304,848
GRACO INC	COM	384109104	3,489,516	37,337 SH SOLE	0	37,337
GRAHAM HLDGS CO	COM CL B	384637104	608,003	792 SH SOLE	0	792
GRAINGER W W INC	COM	384802104	9,865,775	9,698 SH SOLE	0	9,698

GRAND CANYON ED INC	COM	38526M106	890,541	6,538	SH SOLE	0	6,538
GRANITE CONSTR INC	COM	387328107	542,049	9,488	SH SOLE	0	9,488
GRAPHIC PACKAGING HLDG CO	COM	388689101	1,975,515	67,701	SH SOLE	0	67,701
GREEN BRICK PARTNERS INC	COM	392709101	330,542	5,488	SH SOLE	0	5,488
GREEN PLAINS INC	COM	393222104	320,859	13,878	SH SOLE	0	13,878
GREENBRIER COS INC	COM	393657101	349,799	6,714	SH SOLE	0	6,714
GREIF INC	CL A	397624107	389,097	5,635	SH SOLE	0	5,635
GRIFFON CORP	COM	398433102	605,202	8,252	SH SOLE	0	8,252
GROCERY OUTLET HLDG CORP	COM	39874R101	631,980	21,959	SH SOLE	0	21,959
GROUP 1 AUTOMOTIVE INC	COM	398905109	838,116	2,868	SH SOLE	0	2,868
GXO LOGISTICS INCORPORATED	COMMON STOCK	36262G101	1,414,641	26,314	SH SOLE	0	26,314
HAEMONETICS CORP MASS	COM	405024100	958,822	11,234	SH SOLE	0	11,234
HAIN CELESTIAL GROUP INC	COM	405217100	152,484	19,400	SH SOLE	0	19,400
HALLIBURTON CO	COM	406216101	7,702,786	195,403	SH SOLE	0	195,403
HALOZYME THERAPEUTICS INC	COM	40637H109	1,188,710	29,221	SH SOLE	0	29,221
HANCOCK WHITNEY CORPORATION	COM	410120109	877,384	19,057	SH SOLE	0	19,057
HANESBRANDS INC	COM	410345102	438,439	75,593	SH SOLE	0	75,593
HANNON ARMSTRONG SUST INFR C	COM	41068X100	681,799	24,007	SH SOLE	0	24,007
HANOVER INS GROUP INC	COM	410867105	1,078,330	7,919	SH SOLE	0	7,919
HARLEY DAVIDSON INC	COM	412822108	1,226,251	28,035	SH SOLE	0	28,035
HARMONIC INC	COM	413160102	326,256	24,275	SH SOLE	0	24,275
HARMONY BIOSCIENCES HLDGS IN	COM	413197104	237,847	7,083	SH SOLE	0	7,083
HARTFORD FINL SVCS GROUP INC	COM	416515104	6,752,763	65,529	SH SOLE	0	65,529
HASBRO INC	COM	418056107	1,618,450	28,635	SH SOLE	0	28,635
HAWAIIAN ELEC INDUSTRIES	COM	419870100	2,203,770	195,543	SH SOLE	0	195,543
HAWKINS INC	COM	420261109	316,109	4,116	SH SOLE	0	4,116
HAYMAKER ACQUISITION CORP IV		G4375F108	3,647,000	350,000	SH SOLE	0	350,000
HAYWARD HLDGS INC	COM	421298100	416,861	27,228	SH SOLE	0	27,228
HCA HEALTHCARE INC	COM	40412C101	14,502,551	43,482	SH SOLE	0	43,482
HDFC BANK LTD	SPONSORED ADS	40415F101	13,047,111	233,109	SH SOLE	0	233,109
HEALTHCARE RLTY TR	CL A COM	42226K105	2,144,178	151,532	SH SOLE	0	151,532
HEALTHCARE SVCS GROUP INC	COM	421906108	199,031	15,948	SH SOLE	0	15,948
HEALTH EQUITY INC	COM	42226A107	1,549,337	18,980	SH SOLE	0	18,980
HEALTHPEAK PROPERTIES INC	COM	42250P103	5,260,013	280,534	SH SOLE	0	280,534
HELEN OF TROY LTD	COM	G4388N106	605,356	5,253	SH SOLE	0	5,253
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	331,639	30,594	SH SOLE	0	30,594
HELLO GROUP INC	ADS	423403104	791,657	127,481	SH SOLE	0	127,481
HELMERICH & PAYNE INC	COM	423452101	897,645	21,342	SH SOLE	0	21,342
HENRY JACK & ASSOC INC	COM	426281101	2,779,159	15,997	SH SOLE	0	15,997
HENRY SCHEIN INC	COM	806407102	2,154,208	28,525	SH SOLE	0	28,525
HERSHEY CO	COM	427866108	6,399,828	32,904	SH SOLE	0	32,904
HERTZ GLOBAL HLDGS INC	COM NEW	42806J700	227,289	29,028	SH SOLE	0	29,028
HESS CORP	COM	42809H107	9,223,730	60,428	SH SOLE	0	60,428
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	5,059,929	285,388	SH SOLE	0	285,388
HEXCEL CORP NEW	COM	428291108	1,359,891	18,667	SH SOLE	0	18,667
HF SINCLAIR CORP	COM	403949100	2,083,248	34,508	SH SOLE	0	34,508
HIGHWOODS PPTYS INC	COM	431284108	1,080,082	41,256	SH SOLE	0	41,256
HILLENBRAND INC	COM	431571108	761,894	15,150	SH SOLE	0	15,150
HILLTOP HOLDINGS INC	COM	432748101	312,887	9,990	SH SOLE	0	9,990
HILTON GRAND VACATIONS INC	COM	43283X105	744,266	15,765	SH SOLE	0	15,765
HILTON WORLDWIDE HLDGS INC	COM	43300A203	11,808,202	55,357	SH SOLE	0	55,357
HIMAX TECHNOLOGIES INC	SPONSORED ADR	43289P106	183,644	34,326	SH SOLE	0	34,326
HNI CORP	COM	404251100	453,963	10,059	SH SOLE	0	10,059
HOLOGIC INC	COM	436440101	4,017,357	51,531	SH SOLE	0	51,531
HOME BANCSHARES INC	COM	436893200	1,018,623	41,458	SH SOLE	0	41,458
HOME DEPOT INC	COM	437076102	83,812,380	218,489	SH SOLE	0	218,489
HONEYWELL INTL INC	COM	438516106	29,704,806	144,725	SH SOLE	0	144,725
HOPE BANCORP INC	COM	43940T109	298,592	25,942	SH SOLE	0	25,942
HORACE MANN EDUCATORS CORP N	COM	440327104	326,215	8,819	SH SOLE	0	8,819
HORMEL FOODS CORP	COM	440452100	2,219,876	63,625	SH SOLE	0	63,625
HOST HOTELS & RESORTS INC	COM	44107P104	5,763,723	278,710	SH SOLE	0	278,710
HOULIHAN LOKEY INC	CL A	441593100	1,477,903	11,529	SH SOLE	0	11,529
HOWMET AEROSPACE INC	COM	443201108	5,876,084	85,870	SH SOLE	0	85,870
HP INC	COM	40434L105	5,784,954	191,428	SH SOLE	0	191,428

HUB GROUP INC	CL A	443320106	582,260	13,472	SH SOLE	0	13,472
HUBBELL INC	COM	443510607	4,886,384	11,773	SH SOLE	0	11,773
HUDSON PAC PPTYS INC	COM	444097109	337,845	52,379	SH SOLE	0	52,379
HUMANA INC	COM	444859102	9,303,191	26,832	SH SOLE	0	26,832
HUNT J B TRANS SVCS INC	COM	445658107	3,566,774	17,901	SH SOLE	0	17,901
HUNTINGTON BANCSHARES INC	COM	446150104	4,435,403	317,950	SH SOLE	0	317,950
HUNTINGTON INGALLS INDS INC	COM	446413106	2,533,166	8,691	SH SOLE	0	8,691
HUTCHMED CHINA LTD	SPONSORED ADS	44842L103	183,070	10,897	SH SOLE	0	10,897
HYATT HOTELS CORP	COM CL A	448579102	1,561,403	9,782	SH SOLE	0	9,782
ICHOR HOLDINGS	SHS	G4740B105	245,507	6,357	SH SOLE	0	6,357
ICU MED INC	COM	44930G107	469,954	4,379	SH SOLE	0	4,379
IDACORP INC	COM	451107106	9,409,664	101,299	SH SOLE	0	101,299
IDEX CORP	COM	45167R104	4,051,220	16,602	SH SOLE	0	16,602
IDEXX LABS INC	COM	45168D104	9,844,004	18,232	SH SOLE	0	18,232
ILLINOIS TOOL WKS INC	COM	452308109	16,017,154	59,692	SH SOLE	0	59,692
ILLUMINA INC	COM	452327109	4,787,113	34,861	SH SOLE	0	34,861
INARI MED INC	COM	45332Y109	531,091	11,069	SH SOLE	0	11,069
INCYTE CORP	COM	45337C102	2,326,370	40,835	SH SOLE	0	40,835
INDEPENDENCE RLTY TR INC	COM	45378A106	1,440,232	89,289	SH SOLE	0	89,289
INDEPENDENT BANK GROUP INC	COM	45384B106	354,061	7,756	SH SOLE	0	7,756
INDEPENDENT BK CORP MASS	COM	453836108	481,653	9,259	SH SOLE	0	9,259
INFLECTION PT ACQUISITN CRP		G4790U102	3,600,211	344,024	SH SOLE	0	344,024
INFOSYS LTD	SPONSORED ADR	456788108	8,500,470	474,092	SH SOLE	0	474,092
INGERSOLL RAND INC	COM	45687V106	8,437,732	88,865	SH SOLE	0	88,865
INGEVITY CORP	COM	45688C107	347,113	7,277	SH SOLE	0	7,277
INGREDION INC	COM	457187102	1,685,328	14,423	SH SOLE	0	14,423
INNOSPEC INC	COM	45768S105	692,408	5,370	SH SOLE	0	5,370
INNOVATIVE INDL PPTYS INC	COM	45781V101	1,134,902	10,961	SH SOLE	0	10,961
INNOVIVA INC	COM	45781M101	185,608	12,179	SH SOLE	0	12,179
INSIGHT ENTERPRISES INC	COM	45765U103	1,109,410	5,980	SH SOLE	0	5,980
INSPERITY INC	COM	45778Q107	858,904	7,836	SH SOLE	0	7,836
INSTALLED BLDG PRODS INC	COM	45780R101	1,309,950	5,063	SH SOLE	0	5,063
INSULET CORP	COM	45784P101	2,627,391	15,329	SH SOLE	0	15,329
INTEGER HLDGS CORP	COM	45826H109	839,746	7,197	SH SOLE	0	7,197
INTEGRA LIFSCIENCES HLDGS C	COM NEW	457985208	533,345	15,045	SH SOLE	0	15,045
INTEL CORP	COM	458140100	40,997,225	928,169	SH SOLE	0	928,169
INTER PARFUMS INC	COM	458334109	543,493	3,868	SH SOLE	0	3,868
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	2,644,399	23,672	SH SOLE	0	23,672
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	17,275,776	125,706	SH SOLE	0	125,706
INTERDIGITAL INC	COM	45867G101	590,959	5,551	SH SOLE	0	5,551
INTERFACE INC	COM	458665304	211,057	12,548	SH SOLE	0	12,548
INTERNATIONAL BANCSHARES COR	COM	459044103	662,789	11,806	SH SOLE	0	11,806
INTERNATIONAL BUSINESS MACHS	COM	459200101	38,358,517	200,872	SH SOLE	0	200,872
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	4,818,966	56,041	SH SOLE	0	56,041
INTERNATIONAL PAPER CO	COM	460146103	2,963,998	75,961	SH SOLE	0	75,961
INTERPUBLIC GROUP COS INC	COM	460690100	2,743,563	84,081	SH SOLE	0	84,081
INTUIT	COM	461202103	39,945,100	61,454	SH SOLE	0	61,454
INTUITIVE SURGICAL INC	COM NEW	46120E602	30,868,015	77,346	SH SOLE	0	77,346
INVENTRUST PPTYS CORP	COM NEW	46124J201	316,696	12,318	SH SOLE	0	12,318
INVESCO EXCHANGE TRADED FD T	S&P500 EQL WGT	46137V357	16,324,219	96,382	SH SOLE	0	96,382
INVESCO LTD	SHS	G491BT108	1,637,068	98,678	SH SOLE	0	98,678
INVITATION HOMES INC	COM	46187W107	8,353,643	234,587	SH SOLE	0	234,587
IPG PHOTONICS CORP	COM	44980X109	593,022	6,539	SH SOLE	0	6,539
IQVIA HLDGS INC	COM	46266C105	10,131,785	40,064	SH SOLE	0	40,064
IRIDIUM COMMUNICATIONS INC	COM	46269C102	5,416,847	207,066	SH SOLE	0	207,066
IRON HORSE ACQUISITIONS CORP	COM	462837105	657,393	65,871	SH SOLE	0	65,871
IRON MTN INC DEL	COM	46284V101	5,141,461	64,100	SH SOLE	0	64,100
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	258,434	29,671	SH SOLE	0	29,671
ISHARES INC	MSCI CDA ETF	464286509	15,997,595	417,910	SH SOLE	0	417,910
ISHARES INC	CORE MSCI EMKT	46434G103	15,975,360	309,600	SH SOLE	0	309,600
ISHARES TR	CORE US AGGBD ET	464287226	628,479,609	6,416,986	SH SOLE	0	6,416,986
ISHARES TR	MSCI EMG MKT ETF	464287234	5,586,880	136,000	SH SOLE	0	136,000
ISHARES TR	MSCI EAFE ETF	464287465	11,451,125	143,390	SH SOLE	0	143,390
ISHARES TR	CORE S&P MCP ETF	464287507	11,583,543	190,707	SH SOLE	0	190,707

ISHARES TR	CORE S&P SCP ETF	464287804	11,189,376	101,243 SH SOLE	0	101,243
ISHARES TR	JPMORGAN USD EMG	464288281	299,393,962	3,338,842 SH SOLE	0	3,338,842
ISHARES TR	GLB INFRASTR ETF	464288372	22,970,459	482,370 SH SOLE	0	482,370
ISHARES TR	CORE MSCI EAFE	46432F842	86,117,466	1,160,300 SH SOLE	0	1,160,300
ISHARES TR	GLOBAL REIT ETF	46434V647	3,895,715	164,515 SH SOLE	0	164,515
ITRON INC	COM	465741106	908,916	9,824 SH SOLE	0	9,824
ITT INC	COM	45073V108	2,470,441	18,161 SH SOLE	0	18,161
J & J SNACK FOODS CORP	COM	466032109	483,987	3,348 SH SOLE	0	3,348
JABIL INC	COM	466313103	3,750,600	28,000 SH SOLE	0	28,000
JACK IN THE BOX INC	COM	466367109	289,191	4,223 SH SOLE	0	4,223
JACKSON FINANCIAL INC	COM CL A	46817M107	1,010,619	15,280 SH SOLE	0	15,280
JACOBS SOLUTIONS INC	COM	46982L108	4,240,488	27,584 SH SOLE	0	27,584
JANUS HENDERSON GROUP PLC	ORD SHS	G4474Y214	964,203	29,316 SH SOLE	0	29,316
JAZZ INVESTMENTS I LTD	NOTE 1.500%	472145AD3	1,101,520	1,120,000 SH SOLE	0	1,120,000
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	1,676,969	13,926 SH SOLE	0	13,926
JBG SMITH PPTYS	COM	46590V100	566,485	35,295 SH SOLE	0	35,295
JEFFERIES FINL GROUP INC	COM	47233W109	1,653,971	37,505 SH SOLE	0	37,505
JETBLUE AWYS CORP	COM	477143101	534,055	71,975 SH SOLE	0	71,975
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	721,224	6,876 SH SOLE	0	6,876
JOHNSON & JOHNSON	COM	478160104	83,598,353	528,468 SH SOLE	0	528,468
JOHNSON CTLS INTL PLC	SHS	G51502105	9,772,395	149,608 SH SOLE	0	149,608
JONES LANG LASALLE INC	COM	48020Q107	2,052,932	10,523 SH SOLE	0	10,523
JPMORGAN CHASE & CO	COM	46625H100	127,122,598	634,661 SH SOLE	0	634,661
JUNIPER NETWORKS INC	COM	48203R104	2,618,956	70,668 SH SOLE	0	70,668
KAISER ALUMINUM CORP	COM PAR \$0.01	483007704	306,773	3,433 SH SOLE	0	3,433
KAMAN CORP	COM	483548103	280,403	6,113 SH SOLE	0	6,113
KB HOME	COM	48666K109	1,152,225	16,256 SH SOLE	0	16,256
KBR INC	COM	48242W106	1,901,142	29,864 SH SOLE	0	29,864
KELLANOVA	COM	487836108	3,317,034	57,899 SH SOLE	0	57,899
KEMPER CORP	COM	488401100	828,180	13,375 SH SOLE	0	13,375
KENNAMETAL INC	COM	489170100	426,948	17,119 SH SOLE	0	17,119
KENNEDY-WILSON HOLDINGS INC	COM	489398107	405,577	47,270 SH SOLE	0	47,270
KENVUE INC	COM	49177J102	8,119,563	378,358 SH SOLE	0	378,358
KEURIG DR PEPPER INC	COM	49271V100	7,012,358	228,639 SH SOLE	0	228,639
KEYCORP	COM	493267108	3,250,583	205,603 SH SOLE	0	205,603
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	5,996,391	38,345 SH SOLE	0	38,345
KILROY RLTY CORP	COM	49427F108	1,612,975	44,276 SH SOLE	0	44,276
KIMBERLY-CLARK CORP	COM	494368103	9,566,209	73,956 SH SOLE	0	73,956
KIMCO RLTY CORP	COM	49446R109	5,147,174	262,477 SH SOLE	0	262,477
KINDER MORGAN INC DEL	COM	49456B101	60,515,783	3,299,661 SH SOLE	0	3,299,661
KINSALE CAP GROUP INC	COM	49714P108	2,555,484	4,870 SH SOLE	0	4,870
KIRBY CORP	COM	497266106	1,246,118	13,073 SH SOLE	0	13,073
KITE RLTY GROUP TR	COM NEW	49803T300	1,881,477	86,784 SH SOLE	0	86,784
KKR REAL ESTATE FIN TR INC	COM	48251K100	126,494	12,574 SH SOLE	0	12,574
KLA CORP	COM NEW	482480100	20,739,146	29,688 SH SOLE	0	29,688
KNIFE RIVER CORP	COMMON STOCK	498894104	1,014,554	12,513 SH SOLE	0	12,513
KNIGHT-SWIFT TRANSN HLDGS IN	CL A	499049104	1,963,994	35,696 SH SOLE	0	35,696
KNOWLES CORP	COM	49926D109	309,764	19,240 SH SOLE	0	19,240
KOHL'S CORP	COM	500255104	696,947	23,909 SH SOLE	0	23,909
KONTOOR BRANDS INC	COM	50050N103	650,580	10,798 SH SOLE	0	10,798
KOPPERS HOLDINGS INC	COM	50060P106	248,099	4,497 SH SOLE	0	4,497
KORN FERRY	COM NEW	500643200	746,113	11,346 SH SOLE	0	11,346
KRAFT HEINZ CO	COM	500754106	6,458,238	175,020 SH SOLE	0	175,020
KROGER CO	COM	501044101	8,300,989	145,300 SH SOLE	0	145,300
KULICKE & SOFFA INDS INC	COM	501242101	612,122	12,167 SH SOLE	0	12,167
KYNDRYL HLDGS INC	COMMON STOCK	50155Q100	1,107,584	50,900 SH SOLE	0	50,900
L3HARRIS TECHNOLOGIES INC	COM	502431109	8,867,091	41,610 SH SOLE	0	41,610
LA Z BOY INC	COM	505336107	347,571	9,239 SH SOLE	0	9,239
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	4,071,657	18,638 SH SOLE	0	18,638
LAKELAND FINL CORP	COM	511656100	364,229	5,492 SH SOLE	0	5,492
LAM RESEARCH CORP	COM	512807108	27,962,756	28,781 SH SOLE	0	28,781
LAMAR ADVERTISING CO NEW	CL A	512816109	2,313,330	19,373 SH SOLE	0	19,373
LAMB WESTON HLDGS INC	COM	513272104	3,376,362	31,694 SH SOLE	0	31,694
LANCASTER COLONY CORP	COM	513847103	935,166	4,504 SH SOLE	0	4,504

LANDSTAR SYS INC	COM	515098101	1,532,635	7,951 SH SOLE	0	7,951
LANTHEUS HLDGS INC	COM	516544103	942,936	15,150 SH SOLE	0	15,150
LAS VEGAS SANDS CORP	COM	517834107	4,191,112	81,066 SH SOLE	0	81,066
LATTICE SEMICONDUCTOR CORP	COM	518415104	2,388,597	30,533 SH SOLE	0	30,533
LAUDER ESTEE COS INC	CL A	518439104	7,882,460	51,135 SH SOLE	0	51,135
LCI INDS	COM	50189K103	673,015	5,469 SH SOLE	0	5,469
LEAR CORP	COM NEW	521865204	1,827,806	12,616 SH SOLE	0	12,616
LEGATO MERGER CORP III		G5451A129	3,547,250	350,000 SH SOLE	0	350,000
LEGGETT & PLATT INC	COM	524660107	565,097	29,509 SH SOLE	0	29,509
LEIDOS HOLDINGS INC	COM	525327102	3,957,214	30,187 SH SOLE	0	30,187
LEMAITRE VASCULAR INC	COM	525558201	283,954	4,279 SH SOLE	0	4,279
LENNAR CORP	CL A	526057104	6,751,763	39,259 SH SOLE	0	39,259
LENNAR CORP	CL B	526057302	2,558,309	16,593 SH SOLE	0	16,593
LENNOX INTL INC	COM	526107107	3,462,376	7,084 SH SOLE	0	7,084
LESLIES INC	COM	527064109	258,999	39,846 SH SOLE	0	39,846
LEXINFINTech HLDGS LTD	ADR	528877103	87,907	48,837 SH SOLE	0	48,837
LGI HOMES INC	COM	50187T106	515,170	4,427 SH SOLE	0	4,427
LIBERTY ENERGY INC	COM CL A	53115L104	678,704	32,756 SH SOLE	0	32,756
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	258,701	3,539 SH SOLE	0	3,539
LIGHT & WONDER INC	COM	80874P109	2,033,531	19,919 SH SOLE	0	19,919
LINCOLN ELEC HLDGS INC	COM	533900106	3,232,082	12,653 SH SOLE	0	12,653
LINCOLN NATL CORP IND	COM	534187109	1,169,883	36,639 SH SOLE	0	36,639
LINDE PLC	SHS	G54950103	49,425,935	106,448 SH SOLE	0	106,448
LINDSAY CORP	COM	535555106	280,266	2,382 SH SOLE	0	2,382
LITHIA MTRS INC	COM	536797103	1,831,636	6,088 SH SOLE	0	6,088
LITTELFUSE INC	COM	537008104	1,335,106	5,509 SH SOLE	0	5,509
LIVANOVA PLC	SHS	G5509L101	666,637	11,917 SH SOLE	0	11,917
LIVE NATION ENTERTAINMENT IN	COM	538034109	3,294,524	31,148 SH SOLE	0	31,148
LIVERAMP HLDGS INC	COM	53815P108	493,109	14,293 SH SOLE	0	14,293
LKQ CORP	COM	501889208	3,137,624	58,746 SH SOLE	0	58,746
LOCKHEED MARTIN CORP	COM	539830109	21,475,322	47,212 SH SOLE	0	47,212
LOEWS CORP	COM	540424108	3,131,522	39,999 SH SOLE	0	39,999
LOUISIANA PAC CORP	COM	546347105	1,191,354	14,198 SH SOLE	0	14,198
LOWES COS INC	COM	548661107	32,160,681	126,254 SH SOLE	0	126,254
LTC PPTYS INC	COM	502175102	532,286	16,373 SH SOLE	0	16,373
LULULEMON ATHLETICA INC	COM	550021109	9,847,896	25,209 SH SOLE	0	25,209
LUMEN TECHNOLOGIES INC	COM	550241103	339,887	217,876 SH SOLE	0	217,876
LUMENTUM HLDGS INC	COM	55024U109	705,941	14,909 SH SOLE	0	14,909
LXP INDUSTRIAL TRUST	COM	529043101	1,029,236	114,106 SH SOLE	0	114,106
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	5,747,215	56,191 SH SOLE	0	56,191
M & T BK CORP	COM	55261F104	5,304,779	36,474 SH SOLE	0	36,474
M D C HLDGS INC	COM	552676108	2,384,163	37,898 SH SOLE	0	37,898
M/I HOMES INC	COM	55305B101	819,648	6,014 SH SOLE	0	6,014
MACERICH CO	COM	554382101	1,457,882	84,613 SH SOLE	0	84,613
MACOM TECH SOLUTIONS HLDGS I	COM	55405Y100	1,158,774	12,116 SH SOLE	0	12,116
MACYS INC	COM	55616P104	1,211,934	60,627 SH SOLE	0	60,627
MADDEN STEVEN LTD	COM	556269108	640,331	15,145 SH SOLE	0	15,145
MADISON SQUARE GRDN SPRT COR	CL A	55825T103	665,379	3,606 SH SOLE	0	3,606
MAGNITE INC	NOTE 0.250% 3/1	55955DAB6	30,089	34,000 SH SOLE	0	34,000
MAGNOLIA OIL & GAS CORP	CL A	559663109	1,038,000	40,000 SH SOLE	0	40,000
MANHATTAN ASSOCIATES INC	COM	562750109	3,407,882	13,619 SH SOLE	0	13,619
MANPOWERGROUP INC WIS	COM	56418H100	838,279	10,797 SH SOLE	0	10,797
MARATHON OIL CORP	COM	565849106	3,641,095	128,479 SH SOLE	0	128,479
MARATHON PETE CORP	COM	56585A102	16,278,581	80,787 SH SOLE	0	80,787
MARKETAXESS HLDGS INC	COM	57060D108	1,824,379	8,321 SH SOLE	0	8,321
MARRIOTT INTL INC NEW	CL A	571903202	13,664,353	54,157 SH SOLE	0	54,157
MARRIOTT VACATIONS WORLDWIDE	COM	57164Y107	787,183	7,307 SH SOLE	0	7,307
MARSH & MCLENNAN COS INC	COM	571748102	22,247,488	108,008 SH SOLE	0	108,008
MARTEN TRANS LTD	COM	573075108	230,390	12,467 SH SOLE	0	12,467
MARTIN MARIETTA MATLS INC	COM	573284106	8,329,938	13,568 SH SOLE	0	13,568
MASCO CORP	COM	574599106	3,805,566	48,245 SH SOLE	0	48,245
MASIMO CORP	COM	574795100	1,441,920	9,819 SH SOLE	0	9,819
MASTEC INC	COM	576323109	1,246,846	13,371 SH SOLE	0	13,371
MASTERBRAND INC	COMMON STOCK	57638P104	513,008	27,375 SH SOLE	0	27,375

MASTERCARD INCORPORATED	CL A	57636Q104	87,220,995	181,118	SH SOLE	0	181,118
MATADOR RES CO	COM	576485205	1,636,466	24,509	SH SOLE	0	24,509
MATCH GROUP INC NEW	COM	57667L107	2,164,864	59,671	SH SOLE	0	59,671
MATERION CORP	COM	576690101	587,342	4,458	SH SOLE	0	4,458
MATIV HOLDINGS INC	COM	808541106	219,469	11,705	SH SOLE	0	11,705
MATSON INC	COM	57686G105	847,946	7,544	SH SOLE	0	7,544
MATTEL INC	COM	577081102	1,547,894	78,137	SH SOLE	0	78,137
MATTHEWS INTL CORP	CL A	577128101	205,936	6,626	SH SOLE	0	6,626
MAXIMUS INC	COM	577933104	1,132,650	13,500	SH SOLE	0	13,500
MAXLINEAR INC	COM	57776J100	300,587	16,100	SH SOLE	0	16,100
MCCORMICK & CO INC	COM NON VTG	579780206	4,239,835	55,199	SH SOLE	0	55,199
MCDONALDS CORP	COM	580135101	44,896,026	159,234	SH SOLE	0	159,234
MCKESSON CORP	COM	58155Q103	15,487,049	28,848	SH SOLE	0	28,848
MDU RES GROUP INC	COM	552690109	1,135,159	45,046	SH SOLE	0	45,046
MEDICAL PPTYS TRUST INC	COM	58463J304	1,102,117	234,493	SH SOLE	0	234,493
MEDPACE HLDGS INC	COM	58506Q109	2,084,606	5,158	SH SOLE	0	5,158
MEDTRONIC PLC	SHS	G5960L103	25,438,911	291,898	SH SOLE	0	291,898
MERCADOLIBRE INC	COM	58733R102	46,182,818	30,545	SH SOLE	0	30,545
MERCK & CO INC	COM	58933Y105	73,402,729	556,292	SH SOLE	0	556,292
MERCURY GENL CORP NEW	COM	589400100	296,184	5,740	SH SOLE	0	5,740
MERCURY SYS INC	COM	589378108	332,819	11,282	SH SOLE	0	11,282
MERIT MED SYS INC	COM	589889104	944,678	12,471	SH SOLE	0	12,471
MERITAGE HOMES CORP	COM	59001A102	1,381,221	7,872	SH SOLE	0	7,872
META PLATFORMS INC	CL A	30303M102	234,523,001	482,975	SH SOLE	0	482,975
METLIFE INC	COM	59156R108	9,987,286	134,763	SH SOLE	0	134,763
METTLER TOLEDO INTERNATIONAL	COM	592688105	6,277,032	4,715	SH SOLE	0	4,715
MGE ENERGY INC	COM	55277P104	5,699,328	72,400	SH SOLE	0	72,400
MGIC INVT CORP WIS	COM	552848103	1,347,794	60,277	SH SOLE	0	60,277
MGM RESORTS INTERNATIONAL	COM	552953101	2,832,128	59,990	SH SOLE	0	59,990
MGP INGREDIENTS INC NEW	COM	55303J106	290,775	3,376	SH SOLE	0	3,376
MICROCHIP TECHNOLOGY INC.	COM	595017104	10,642,387	118,631	SH SOLE	0	118,631
MICRON TECHNOLOGY INC	COM	595112103	28,569,463	242,340	SH SOLE	0	242,340
MICROSOFT CORP	COM	594918104	686,277,623	1,631,198	SH SOLE	0	1,631,198
MID-AMER APT CMNTYS INC	COM	59522J103	6,078,470	46,196	SH SOLE	0	46,196
MIDDLEBY CORP	COM	596278101	1,906,487	11,857	SH SOLE	0	11,857
MIDDLESEX WTR CO	COM	596680108	201,915	3,846	SH SOLE	0	3,846
MILLERKNOLL INC	COM	600544100	389,351	15,725	SH SOLE	0	15,725
MINERALS TECHNOLOGIES INC	COM	603158106	529,068	7,028	SH SOLE	0	7,028
MISTER CAR WASH INC	COM	60646V105	152,435	19,669	SH SOLE	0	19,669
MKS INSTRS INC	COM	55306N104	1,849,498	13,906	SH SOLE	0	13,906
MODERNA INC	COM	60770K107	7,759,912	72,822	SH SOLE	0	72,822
MOELIS & CO	CL A	60786M105	817,318	14,397	SH SOLE	0	14,397
MOHAWK INDS INC	COM	608190104	1,518,717	11,603	SH SOLE	0	11,603
MOLINA HEALTHCARE INC	COM	60855R100	5,231,098	12,733	SH SOLE	0	12,733
MOLSON COORS BEVERAGE CO	CL B	60871R209	2,733,713	40,650	SH SOLE	0	40,650
MONARCH CASINO & RESORT INC	COM	609027107	216,121	2,882	SH SOLE	0	2,882
MONDAY COM LTD	SHS	M7S64H106	5,869,232	25,985	SH SOLE	0	25,985
MONDELEZ INTL INC	CL A	609207105	20,691,370	295,591	SH SOLE	0	295,591
MONOLITHIC PWR SYS INC	COM	609839105	7,142,716	10,544	SH SOLE	0	10,544
MONRO INC	COM	610236101	203,654	6,457	SH SOLE	0	6,457
MONSTER BEVERAGE CORP NEW	COM	61174X109	9,613,319	162,168	SH SOLE	0	162,168
MOODYS CORP	COM	615369105	13,579,187	34,550	SH SOLE	0	34,550
MOOG INC	CL A	615394202	991,427	6,210	SH SOLE	0	6,210
MORGAN STANLEY	COM NEW	617446448	25,896,260	275,024	SH SOLE	0	275,024
MORNINGSTAR INC	COM	617700109	1,776,828	5,762	SH SOLE	0	5,762
MOSAIC CO NEW	COM	61945C103	2,329,005	71,750	SH SOLE	0	71,750
MOTOROLA SOLUTIONS INC	COM NEW	620076307	12,933,696	36,435	SH SOLE	0	36,435
MP MATERIALS CORP	COM CL A	553368101	455,598	31,860	SH SOLE	0	31,860
MR COOPER GROUP INC	COM	62482R107	1,087,480	13,951	SH SOLE	0	13,951
MSA SAFETY INC	COM	553498106	1,582,405	8,174	SH SOLE	0	8,174
MSC INDL DIRECT INC	CL A	553530106	980,686	10,106	SH SOLE	0	10,106
MSCI INC	COM	55354G100	9,731,093	17,363	SH SOLE	0	17,363
MUELLER INDS INC	COM	624756102	1,322,202	24,517	SH SOLE	0	24,517
MURPHY OIL CORP	COM	626717102	1,466,467	32,089	SH SOLE	0	32,089

MURPHY USA INC	COM	626755102	1,758,125	4,194	SH SOLE	0	4,194
MYR GROUP INC DEL	COM	55405W104	637,891	3,609	SH SOLE	0	3,609
MYRIAD GENETICS INC	COM	62855J104	407,638	19,120	SH SOLE	0	19,120
N-ABLE INC	COMMON STOCK	62878D100	196,194	15,011	SH SOLE	0	15,011
NABORS ENERGY TRANSITION COR	CL A	G6363K106	3,675,360	353,400	SH SOLE	0	353,400
NASDAQ INC	COM	631103108	5,263,865	83,421	SH SOLE	0	83,421
NATIONAL BEVERAGE CORP	COM	635017106	239,293	5,042	SH SOLE	0	5,042
NATIONAL BK HLDGS CORP	CL A	633707104	294,331	8,160	SH SOLE	0	8,160
NATIONAL FUEL GAS CO	COM	636180101	1,094,760	20,379	SH SOLE	0	20,379
NATIONAL HEALTH INVS INC	COM	63633D104	460,858	7,335	SH SOLE	0	7,335
NATIONAL HEALTHCARE CORP	COM	635906100	275,213	2,912	SH SOLE	0	2,912
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	1,189,994	30,388	SH SOLE	0	30,388
NATIONAL VISION HLDGS INC	COM	63845R107	374,460	16,898	SH SOLE	0	16,898
NAVIENT CORPORATION	COM	63938C108	308,432	17,726	SH SOLE	0	17,726
NAVIGATOR HLDGS LTD	SHS	Y62132108	394,725	25,715	SH SOLE	0	25,715
NBT BANCORP INC	COM	628778102	372,999	10,169	SH SOLE	0	10,169
NCR ATLEOS CORPORATION	COM SHS	63001N106	285,368	14,449	SH SOLE	0	14,449
NCR VOYIX CORPORATION	COM	62886E108	365,866	28,968	SH SOLE	0	28,968
NEOGEN CORP	COM	640491106	687,771	43,585	SH SOLE	0	43,585
NEOGENOMICS INC	COM NEW	64049M209	432,724	27,527	SH SOLE	0	27,527
NETAPP INC	COM	64110D104	4,747,793	45,230	SH SOLE	0	45,230
NETFLIX INC	COM	64110L106	57,698,172	95,003	SH SOLE	0	95,003
NETSCOUT SYS INC	COM	64115T104	335,026	15,340	SH SOLE	0	15,340
NETSTREIT CORP	COM	64119V303	229,019	12,467	SH SOLE	0	12,467
NEUROCRINE BIOSCIENCES INC	COM	64125C109	3,035,895	22,012	SH SOLE	0	22,012
NEW JERSEY RES CORP	COM	646025106	933,078	21,745	SH SOLE	0	21,745
NEW YORK CMNTY BANCORP INC	COM	649445103	514,315	159,725	SH SOLE	0	159,725
NEW YORK MTG TR INC	COM	649604840	140,998	19,583	SH SOLE	0	19,583
NEW YORK TIMES CO	CL A	650111107	1,564,348	36,195	SH SOLE	0	36,195
NEWELL BRANDS INC	COM	651229106	660,805	82,292	SH SOLE	0	82,292
NEWMARKET CORP	COM	651587107	969,065	1,527	SH SOLE	0	1,527
NEWMONT CORP	COM	651639106	9,067,735	253,006	SH SOLE	0	253,006
NEWS CORP NEW	CL A	65249B109	2,850,531	108,882	SH SOLE	0	108,882
NEXPOINT RESIDENTIAL TR INC	COM	65341D102	292,189	9,077	SH SOLE	0	9,077
NEXSTAR MEDIA GROUP INC	COMMON STOCK	65336K103	1,228,428	7,130	SH SOLE	0	7,130
NEXTERA ENERGY INC	COM	65339F101	250,664,159	3,922,143	SH SOLE	0	3,922,143
NIKE INC	CL B	654106103	25,112,960	267,216	SH SOLE	0	267,216
NISOURCE INC	COM	65473P105	22,921,261	828,679	SH SOLE	0	828,679
NMI HLDGS INC	CL A	629209305	566,273	17,510	SH SOLE	0	17,510
NNN REIT INC	COM	637417106	3,098,650	72,500	SH SOLE	0	72,500
NORDSON CORP	COM	655663102	3,270,320	11,912	SH SOLE	0	11,912
NORDSTROM INC	COM	655664100	436,717	21,545	SH SOLE	0	21,545
NORFOLK SOUTHN CORP	COM	655844108	49,414,196	193,880	SH SOLE	0	193,880
NORTHERN OIL & GAS INC	COM	665531307	782,132	19,711	SH SOLE	0	19,711
NORTHERN TR CORP	COM	665859104	4,004,157	45,031	SH SOLE	0	45,031
NORTHROP GRUMMAN CORP	COM	666807102	14,819,792	30,961	SH SOLE	0	30,961
NORTHWEST BANCSHARES INC MD	COM	667340103	319,793	27,450	SH SOLE	0	27,450
NORTHWEST NAT HLDG CO	COM	66765N105	2,715,013	72,945	SH SOLE	0	72,945
NORTHWESTERN ENERGY GROUP IN	COM NEW	668074305	6,247,430	122,667	SH SOLE	0	122,667
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	1,954,715	93,393	SH SOLE	0	93,393
NOV INC	COM	62955J103	1,700,953	87,139	SH SOLE	0	87,139
NOVA LTD	COM	M7516K103	9,668,984	54,510	SH SOLE	0	54,510
NOVANTA INC	COM	67000B104	1,384,353	7,921	SH SOLE	0	7,921
NRG ENERGY INC	COM NEW	629377508	3,354,852	49,562	SH SOLE	0	49,562
NU HLDGS LTD	ORD SHS CL A	G6683N103	8,460,064	709,142	SH SOLE	0	709,142
NU SKIN ENTERPRISES INC	CL A	67018T105	147,566	10,670	SH SOLE	0	10,670
NUCOR CORP	COM	670346105	10,680,465	53,969	SH SOLE	0	53,969
NV5 GLOBAL INC	COM	62945V109	269,135	2,746	SH SOLE	0	2,746
NVENT ELECTRIC PLC	SHS	G6700G107	2,767,255	36,701	SH SOLE	0	36,701
NVIDIA CORPORATION	COM	67066G104	489,943,664	542,237	SH SOLE	0	542,237
NVR INC	COM	62944T105	5,678,072	701	SH SOLE	0	701
NXP SEMICONDUCTORS N V	COM	N6596X109	14,020,561	56,587	SH SOLE	0	56,587
OCCIDENTAL PETE CORP	COM	674599105	9,390,470	144,491	SH SOLE	0	144,491
OCEANEERING INTL INC	COM	675232102	508,997	21,752	SH SOLE	0	21,752

OFG BANCORP	COM	67103X102	374,137	10,164	SH SOLE	0	10,164
OGE ENERGY CORP	COM	670837103	13,756,804	401,073	SH SOLE	0	401,073
O-I GLASS INC	COM	67098H104	554,338	33,414	SH SOLE	0	33,414
OLD DOMINION FREIGHT LINE IN	COM	679580100	8,615,374	39,284	SH SOLE	0	39,284
OLD NATL BANCORP IND	COM	680033107	1,127,071	64,737	SH SOLE	0	64,737
OLD REP INTL CORP	COM	680223104	1,771,930	57,680	SH SOLE	0	57,680
OLIN CORP	COM PAR \$1	680665205	1,563,433	26,589	SH SOLE	0	26,589
OLLIES BARGAIN OUTLET HLDGS	COM	681116109	1,084,141	13,625	SH SOLE	0	13,625
OMEGA HEALTHCARE INVS INC	COM	681936100	3,091,214	97,607	SH SOLE	0	97,607
OMNICELL COM	COM	68213N109	287,009	9,819	SH SOLE	0	9,819
OMNICOM GROUP INC	COM	681919106	4,205,673	43,465	SH SOLE	0	43,465
ON SEMICONDUCTOR CORP	COM	682189105	6,899,799	93,811	SH SOLE	0	93,811
ONE GAS INC	COM	68235P108	7,097,074	109,981	SH SOLE	0	109,981
ONEOK INC NEW	COM	682680103	78,621,276	980,682	SH SOLE	0	980,682
ONTO INNOVATION INC	COM	683344105	1,965,986	10,857	SH SOLE	0	10,857
OPENLANE INC	COM	48238T109	403,557	23,327	SH SOLE	0	23,327
OPTION CARE HEALTH INC	COM NEW	68404L201	1,314,164	39,182	SH SOLE	0	39,182
ORACLE CORP	COM	68389X105	43,965,007	350,012	SH SOLE	0	350,012
ORASURE TECHNOLOGIES INC	COM	68554V108	97,594	15,869	SH SOLE	0	15,869
OREILLY AUTOMOTIVE INC	COM	67103H107	14,639,316	12,968	SH SOLE	0	12,968
ORGANON & CO	COMMON STOCK	68622V106	1,037,741	55,199	SH SOLE	0	55,199
ORMAT TECHNOLOGIES INC	COM	686688102	786,470	11,882	SH SOLE	0	11,882
OSHKOSH CORP	COM	688239201	1,804,554	14,470	SH SOLE	0	14,470
OSI SYSTEMS INC	COM	671044105	483,731	3,387	SH SOLE	0	3,387
OTIS WORLDWIDE CORP	COM	68902V107	8,835,923	89,009	SH SOLE	0	89,009
OTTER TAIL CORP	COM	689648103	778,291	9,008	SH SOLE	0	9,008
OUTFRONT MEDIA INC	COM	69007J106	526,635	31,366	SH SOLE	0	31,366
OVINTIV INC	COM	69047Q102	2,900,899	55,894	SH SOLE	0	55,894
OWENS & MINOR INC NEW	COM	690732102	457,797	16,521	SH SOLE	0	16,521
OWENS CORNING NEW	COM	690742101	3,279,288	19,660	SH SOLE	0	19,660
OXFORD INDS INC	COM	691497309	356,533	3,172	SH SOLE	0	3,172
PACCAR INC	COM	693718108	14,226,289	114,830	SH SOLE	0	114,830
PACIFIC PREMIER BANCORP	COM	69478X105	497,040	20,710	SH SOLE	0	20,710
PACIRA BIOSCIENCES INC	COM	695127100	293,018	10,028	SH SOLE	0	10,028
PACKAGING CORP AMER	COM	695156109	3,706,024	19,528	SH SOLE	0	19,528
PAGSEGURO DIGITAL LTD	COM CL A	668707101	641,986	44,957	SH SOLE	0	44,957
PALO ALTO NETWORKS INC	COM	697435105	19,666,910	69,218	SH SOLE	0	69,218
PALOMAR HLDGS INC	COM	69753M105	447,736	5,341	SH SOLE	0	5,341
PAPA JOHNS INTL INC	COM	698813102	471,128	7,074	SH SOLE	0	7,074
PAR PAC HOLDINGS INC	COM NEW	69888T207	445,461	12,020	SH SOLE	0	12,020
PARAMOUNT GLOBAL	CLASS B COM	92556H206	1,246,596	105,913	SH SOLE	0	105,913
PARAMOUNT GROUP INC	COM	69924R108	157,195	33,517	SH SOLE	0	33,517
PARK HOTELS & RESORTS INC	COM	700517105	1,456,287	83,264	SH SOLE	0	83,264
PARK NATL CORP	COM	700658107	420,727	3,097	SH SOLE	0	3,097
PARKER-HANNIFIN CORP	COM	701094104	15,667,720	28,190	SH SOLE	0	28,190
PATHWARD FINANCIAL INC	COM	59100U108	277,892	5,505	SH SOLE	0	5,505
PATRICK INDS INC	COM	703343103	536,779	4,493	SH SOLE	0	4,493
PATTERSON COS INC	COM	703395103	492,419	17,809	SH SOLE	0	17,809
PATTERSON-UTI ENERGY INC	COM	703481101	828,493	69,388	SH SOLE	0	69,388
PAYCHEX INC	COM	704326107	8,633,086	70,302	SH SOLE	0	70,302
PAYCOM SOFTWARE INC	COM	70432V102	2,099,157	10,548	SH SOLE	0	10,548
PAYLOCITY HLDG CORP	COM	70438V106	1,648,997	9,595	SH SOLE	0	9,595
PAYONEER GLOBAL INC	COM	70451X104	273,409	56,257	SH SOLE	0	56,257
PAYPAL HLDGS INC	COM	70450Y103	15,761,340	235,279	SH SOLE	0	235,279
PBF ENERGY INC	CL A	69318G106	1,385,019	24,058	SH SOLE	0	24,058
PDF SOLUTIONS INC	COM	693282105	222,559	6,610	SH SOLE	0	6,610
PEABODY ENERGY CORP	COM	704551100	576,951	23,782	SH SOLE	0	23,782
PEBBLEBROOK HOTEL TR	COM	70509V100	731,297	47,456	SH SOLE	0	47,456
PEDIATRIX MEDICAL GROUP INC	COM	58502B106	179,407	17,887	SH SOLE	0	17,887
PENN ENTERTAINMENT INC	COM	707569109	600,147	32,957	SH SOLE	0	32,957
PENNYMAC MTG INVT TR	COM	70931T103	274,619	18,707	SH SOLE	0	18,707
PENSKE AUTOMOTIVE GRP INC	COM	70959W103	698,501	4,312	SH SOLE	0	4,312
PENTAIR PLC	SHS	G7S00T104	3,100,447	36,288	SH SOLE	0	36,288
PENUMBRA INC	COM	70975L107	1,905,511	8,538	SH SOLE	0	8,538

PEPSICO INC	COM	713448108	52,805,242	301,727	SH SOLE	0	301,727
PERDOCEO ED CORP	COM	71363P106	249,106	14,186	SH SOLE	0	14,186
PERFICIENT INC	COM	71375U101	422,682	7,509	SH SOLE	0	7,509
PERFORMANCE FOOD GROUP CO	COM	71377A103	2,568,885	34,417	SH SOLE	0	34,417
PERION NETWORK LTD	SHS NEW	M78673114	1,063,956	47,329	SH SOLE	0	47,329
PERMIAN RESOURCES CORP	CLASS A COM	71424F105	1,798,106	101,818	SH SOLE	0	101,818
PERRIGO CO PLC	SHS	G97822103	964,895	29,975	SH SOLE	0	29,975
PFIZER INC	COM	717081103	34,397,596	1,239,553	SH SOLE	0	1,239,553
PG&E CORP	COM	69331C108	68,817,901	4,106,080	SH SOLE	0	4,106,080
PHILIP MORRIS INTL INC	COM	718172109	31,225,012	340,810	SH SOLE	0	340,810
PHILLIPS 66	COM	718546104	15,418,969	94,398	SH SOLE	0	94,398
PHILLIPS EDISON & CO INC	COMMON STOCK	71844V201	1,708,129	47,620	SH SOLE	0	47,620
PHINIA INC	COMMON STOCK	71880K101	387,451	10,082	SH SOLE	0	10,082
PHOTRONICS INC	COM	719405102	382,886	13,520	SH SOLE	0	13,520
PIEDMONT OFFICE REALTY TR IN	COM CL A	720190206	157,289	22,374	SH SOLE	0	22,374
PILGRIMS PRIDE CORP	COM	72147K108	305,585	8,904	SH SOLE	0	8,904
PINNACLE FINL PARTNERS INC	COM	72346Q104	1,444,845	16,824	SH SOLE	0	16,824
PINNACLE WEST CAP CORP	COM	72348A101	16,961,767	226,974	SH SOLE	0	226,974
PIONEER NAT RES CO	COM	723787107	19,111,838	72,807	SH SOLE	0	72,807
PIPER SANDLER COMPANIES	COM	724078100	651,643	3,283	SH SOLE	0	3,283
PITNEY BOWES INC	COM	724479100	143,449	33,129	SH SOLE	0	33,129
PJT PARTNERS INC	COM CL A	69343T107	453,956	4,816	SH SOLE	0	4,816
PLANET FITNESS INC	CL A	72703H101	1,183,707	18,900	SH SOLE	0	18,900
PLEXUS CORP	COM	729132100	565,412	5,963	SH SOLE	0	5,963
PNC FINL SVCS GROUP INC	COM	693475105	14,120,446	87,379	SH SOLE	0	87,379
PNM RES INC	COM	69349H107	6,427,218	170,755	SH SOLE	0	170,755
POLARIS INC	COM	731068102	1,175,709	11,743	SH SOLE	0	11,743
POOL CORP	COM	73278L105	3,426,119	8,491	SH SOLE	0	8,491
PORTLAND GEN ELEC CO	COM NEW	736508847	8,498,028	202,334	SH SOLE	0	202,334
POST HLDGS INC	COM	737446104	1,184,065	11,141	SH SOLE	0	11,141
POTLATCHDELTIC CORPORATION	COM	737630103	825,483	17,556	SH SOLE	0	17,556
POWELL INDS INC	COM	739128106	283,177	1,990	SH SOLE	0	1,990
POWER INTEGRATIONS INC	COM	739276103	899,884	12,577	SH SOLE	0	12,577
PPG INDS INC	COM	693506107	7,500,749	51,765	SH SOLE	0	51,765
PPL CORP	COM	69351T106	40,733,360	1,479,599	SH SOLE	0	1,479,599
PRA GROUP INC	COM	69354N106	221,028	8,475	SH SOLE	0	8,475
PREFERRED BK LOS ANGELES CA	COM NEW	740367404	207,663	2,705	SH SOLE	0	2,705
PREMIER INC	CL A	74051N102	571,838	25,875	SH SOLE	0	25,875
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	777,988	10,722	SH SOLE	0	10,722
PRICE T ROWE GROUP INC	COM	74144T108	5,992,734	49,153	SH SOLE	0	49,153
PRICESMART INC	COM	741511109	454,272	5,408	SH SOLE	0	5,408
PRIMERICA INC	COM	74164M108	1,960,440	7,750	SH SOLE	0	7,750
PRINCIPAL FINANCIAL GROUP IN	COM	74251V102	4,155,913	48,151	SH SOLE	0	48,151
PRIVIA HEALTH GROUP INC	COM	74276R102	434,545	22,182	SH SOLE	0	22,182
PROASSURANCE CORP	COM	74267C106	141,550	11,007	SH SOLE	0	11,007
PROCTER AND GAMBLE CO	COM	742718109	83,811,373	516,557	SH SOLE	0	516,557
PROG HOLDINGS INC	COM NPV	74319R101	332,622	9,658	SH SOLE	0	9,658
PROGRESS SOFTWARE CORP	COM	743312100	505,166	9,476	SH SOLE	0	9,476
PROGRESSIVE CORP	COM	743315103	26,574,302	128,490	SH SOLE	0	128,490
PROGYNY INC	COM	74340E103	703,639	18,444	SH SOLE	0	18,444
PROLOGIS INC.	COM	74340W103	47,715,994	366,426	SH SOLE	0	366,426
PROPETRO HLDG CORP	COM	74347M108	148,114	18,331	SH SOLE	0	18,331
PROSPECT CAP CORP	NOTE 6.375% 3/0	74348TAT9	317,606	320,000	SH SOLE	0	320,000
PROSPERITY BANCSHARES INC	COM	743606105	1,363,751	20,732	SH SOLE	0	20,732
PROVIDENT FINL SVCS INC	COM	74386T105	237,680	16,313	SH SOLE	0	16,313
PRUDENTIAL FINL INC	COM	744320102	9,303,950	79,250	SH SOLE	0	79,250
PTC INC	COM	69370C100	4,958,730	26,245	SH SOLE	0	26,245
PUBLIC STORAGE	COM	74460D109	18,132,811	62,514	SH SOLE	0	62,514
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	66,605,170	997,382	SH SOLE	0	997,382
PULTE GROUP INC	COM	745867101	5,616,670	46,565	SH SOLE	0	46,565
PURE STORAGE INC	CL A	74624M102	3,415,795	65,701	SH SOLE	0	65,701
PVH CORPORATION	COM	693656100	1,854,927	13,192	SH SOLE	0	13,192
QORVO INC	COM	74736K101	2,433,822	21,195	SH SOLE	0	21,195
QUAKER HOUGHTON	COM	747316107	613,903	2,991	SH SOLE	0	2,991

QUALCOMM INC	COM	747525103	41,477,654	244,995	SH SOLE	0	244,995
QUALYS INC	COM	74758T303	1,357,821	8,137	SH SOLE	0	8,137
QUANEX BLDG PRODS CORP	COM	747619104	274,736	7,149	SH SOLE	0	7,149
QUANTA SVCS INC	COM	74762E102	8,286,061	31,894	SH SOLE	0	31,894
QUDIAN INC	ADR	747798106	777,385	310,954	SH SOLE	0	310,954
QUEST DIAGNOSTICS INC	COM	74834L100	3,243,624	24,368	SH SOLE	0	24,368
QUIDELORTHO CORP	COM	219798105	524,368	10,938	SH SOLE	0	10,938
QUINSTREET INC	COM	74874Q100	198,869	11,261	SH SOLE	0	11,261
R1 RCM INC	COM	77634L105	561,491	43,594	SH SOLE	0	43,594
RADIAN GROUP INC	COM	750236101	1,107,188	33,080	SH SOLE	0	33,080
RADNET INC	COM	750491102	685,133	14,080	SH SOLE	0	14,080
RADWARE LTD	ORD	M81873107	242,256	12,941	SH SOLE	0	12,941
RALPH LAUREN CORP	CL A	751212101	1,609,291	8,571	SH SOLE	0	8,571
RAMBUS INC DEL	COM	750917106	1,469,965	23,782	SH SOLE	0	23,782
RANGE RES CORP	COM	75281A109	1,837,805	53,378	SH SOLE	0	53,378
RAYMOND JAMES FINL INC	COM	754730109	5,303,618	41,299	SH SOLE	0	41,299
RAYONIER INC	COM	754907103	1,003,050	30,176	SH SOLE	0	30,176
RBC BEARINGS INC	COM	75524B104	1,733,755	6,413	SH SOLE	0	6,413
READY CAPITAL CORP	COM	75574U101	312,219	34,197	SH SOLE	0	34,197
REALTY INCOME CORP	COM	756109104	17,852,134	329,984	SH SOLE	0	329,984
REDWOOD TRUST INC	COM	758075402	180,895	28,398	SH SOLE	0	28,398
REGAL REXNORD CORPORATION	COM	758750103	2,641,347	14,666	SH SOLE	0	14,666
REGENCY CTRS CORP	COM	758849103	4,122,440	68,072	SH SOLE	0	68,072
REGENERON PHARMACEUTICALS	COM	75886F107	22,322,068	23,192	SH SOLE	0	23,192
REGIONS FINANCIAL CORP NEW	COM	7591EP100	4,267,859	202,845	SH SOLE	0	202,845
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	2,811,998	14,579	SH SOLE	0	14,579
RELIANCE INC	COM	759509102	4,248,430	12,713	SH SOLE	0	12,713
RENAISSANCERE HLDGS LTD	COM	G7496G103	2,739,510	11,656	SH SOLE	0	11,656
RENASANT CORP	COM	75970E107	379,724	12,124	SH SOLE	0	12,124
REPLIGEN CORP	COM	759916109	2,112,505	11,486	SH SOLE	0	11,486
REPUBLIC SVCS INC	COM	760759100	8,595,082	44,897	SH SOLE	0	44,897
RESIDEO TECHNOLOGIES INC	COM	76118Y104	707,306	31,548	SH SOLE	0	31,548
RESMED INC	COM	761152107	6,394,389	32,290	SH SOLE	0	32,290
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	634,769	49,514	SH SOLE	0	49,514
REVVITY INC	COM	714046109	2,844,555	27,091	SH SOLE	0	27,091
REXFORD INDL RLTY INC	COM	76169C100	4,220,371	83,904	SH SOLE	0	83,904
RH	COM	74967X103	1,178,860	3,385	SH SOLE	0	3,385
RISKIFIED LTD	SHS CL A	M8216R109	144,485	26,707	SH SOLE	0	26,707
RLI CORP	COM	749607107	1,319,007	8,884	SH SOLE	0	8,884
RLJ LODGING TR	COM	74965L101	318,419	26,939	SH SOLE	0	26,939
ROBERT HALF INC.	COM	770323103	1,812,420	22,861	SH SOLE	0	22,861
ROCKWELL AUTOMATION INC	COM	773903109	7,328,697	25,156	SH SOLE	0	25,156
ROGERS CORP	COM	775133101	429,420	3,618	SH SOLE	0	3,618
ROIVANT SCIENCES LTD	SHS	G76279101	787,233	74,690	SH SOLE	0	74,690
ROLLINS INC	COM	775711104	2,851,620	61,630	SH SOLE	0	61,630
ROPER TECHNOLOGIES INC	COM	776696106	13,152,259	23,451	SH SOLE	0	23,451
ROSS STORES INC	COM	778296103	10,846,738	73,908	SH SOLE	0	73,908
ROYAL CARIBBEAN GROUP	COM	V7780T103	7,199,189	51,789	SH SOLE	0	51,789
ROYAL GOLD INC	COM	780287108	1,770,021	14,531	SH SOLE	0	14,531
RPC INC	COM	749660106	142,207	18,373	SH SOLE	0	18,373
RPM INTL INC	COM	749685103	3,390,908	28,507	SH SOLE	0	28,507
RTX CORPORATION	COM	75513E101	28,408,246	291,277	SH SOLE	0	291,277
RUSH ENTERPRISES INC	CL A	781846209	711,977	13,303	SH SOLE	0	13,303
RXO INC	COMMON STOCK	74982T103	552,699	25,272	SH SOLE	0	25,272
RYANAIR HOLDINGS PLC	SPONSORED ADS	783513203	26,164,124	179,711	SH SOLE	0	179,711
RYDER SYS INC	COM	783549108	1,178,343	9,804	SH SOLE	0	9,804
RYMAN HOSPITALITY PPTYS INC	COM	78377T107	1,185,465	10,254	SH SOLE	0	10,254
S & T BANCORP INC	COM	783859101	264,885	8,257	SH SOLE	0	8,257
S&P GLOBAL INC	COM	78409V104	30,009,116	70,535	SH SOLE	0	70,535
SABRA HEALTH CARE REIT INC	COM	78573L106	1,356,137	91,817	SH SOLE	0	91,817
SABRE CORP	COM	78573M104	198,321	81,951	SH SOLE	0	81,951
SAFE BULKERS INC	COM	Y7388L103	75,541	15,230	SH SOLE	0	15,230
SAFEHOLD INC	COM	78646V107	379,843	18,439	SH SOLE	0	18,439
SAFETY INS GROUP INC	COM	78648T100	262,515	3,194	SH SOLE	0	3,194

SAIA INC	COM	78709Y105	3,435,705	5,873 SH SOLE	0	5,873
SALESFORCE INC	COM	79466L302	64,001,955	212,504 SH SOLE	0	212,504
SALLY BEAUTY HLDGS INC	COM	79546E104	281,313	22,650 SH SOLE	0	22,650
SANFILIPPO JOHN B & SON INC	COM	800422107	205,908	1,944 SH SOLE	0	1,944
SANMINA CORPORATION	COM	801056102	748,958	12,045 SH SOLE	0	12,045
SAPIENS INTL CORP N V	SHS	G7T16G103	780,073	24,256 SH SOLE	0	24,256
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	37,503,619	173,067 SH SOLE	0	173,067
SCANSOURCE INC	COM	806037107	239,401	5,436 SH SOLE	0	5,436
SCHLUMBERGER LTD	COM STK	806857108	17,174,988	313,355 SH SOLE	0	313,355
SCHOLASTIC CORP	COM	807066105	213,740	5,668 SH SOLE	0	5,668
SCHRODINGER INC	COM	80810D103	318,924	11,812 SH SOLE	0	11,812
SCHWAB CHARLES CORP	COM	808513105	23,633,912	326,706 SH SOLE	0	326,706
SCIENCE APPLICATIONS INTL CO	COM	808625107	1,501,702	11,517 SH SOLE	0	11,517
SCOTTS MIRACLE-GRO CO	CL A	810186106	692,195	9,280 SH SOLE	0	9,280
SCREAMING EAGLE ACQUISITN CO		G79407105	4,279,989	399,999 SH SOLE	0	399,999
SEA LTD	SPONSORD ADS	81141R100	15,994,945	297,802 SH SOLE	0	297,802
SEACOAST BKG CORP FLA	COM NEW	811707801	462,352	18,210 SH SOLE	0	18,210
SEAGATE TECHNOLOGY HLDNGS PL	ORD SHS	G7997R103	3,980,121	42,774 SH SOLE	0	42,774
SEALED AIR CORP NEW	COM	81211K100	1,160,342	31,192 SH SOLE	0	31,192
SEI INVTS CO	COM	784117103	1,585,611	22,053 SH SOLE	0	22,053
SELECT MED HLDGS CORP	COM	81619Q105	684,526	22,704 SH SOLE	0	22,704
SELECTIVE INS GROUP INC	COM	816300107	1,464,406	13,414 SH SOLE	0	13,414
SEMPRA	COM	816851109	90,751,530	1,263,421 SH SOLE	0	1,263,421
SEMTECH CORP	COM	816850101	381,644	13,883 SH SOLE	0	13,883
SENSATA TECHNOLOGIES HLDG PL	SHS	G8060N102	1,230,092	33,481 SH SOLE	0	33,481
SENSIENT TECHNOLOGIES CORP	COM	81725T100	631,290	9,124 SH SOLE	0	9,124
SERVICE CORP INTL	COM	817565104	2,425,331	32,682 SH SOLE	0	32,682
SERVICE PPTY TR	COM SH BEN INT	81761L102	445,290	65,677 SH SOLE	0	65,677
SERVICENOW INC	COM	81762P102	34,310,287	45,003 SH SOLE	0	45,003
SERVISFIRST BANCSHARES INC	COM	81768T108	702,089	10,580 SH SOLE	0	10,580
SHAKE SHACK INC	CL A	819047101	842,331	8,097 SH SOLE	0	8,097
SHELL PLC	SPON ADS	780259305	5,940,012	88,604 SH SOLE	0	88,604
SHENANDOAH TELECOMMUNICATION	COM	82312B106	188,551	10,855 SH SOLE	0	10,855
SHERWIN WILLIAMS CO	COM	824348106	17,955,919	51,697 SH SOLE	0	51,697
SHOCKWAVE MED INC	COM	82489T104	2,657,792	8,162 SH SOLE	0	8,162
SHOPIFY INC	CL A	82509L107	8,448,957	109,485 SH SOLE	0	109,485
SHUTTERSTOCK INC	COM	825690100	236,700	5,167 SH SOLE	0	5,167
SIGNET JEWELERS LIMITED	SHS	G81276100	957,670	9,570 SH SOLE	0	9,570
SILGAN HLDGS INC	COM	827048109	869,418	17,904 SH SOLE	0	17,904
SILICON LABORATORIES INC	COM	826919102	1,014,088	7,056 SH SOLE	0	7,056
SILICON MOTION TECHNOLOGY CO	SPONSORED ADR	82706C108	295,219	3,837 SH SOLE	0	3,837
SILVERBOX CORP III	COM CL A	82836N107	2,713,565	258,928 SH SOLE	0	258,928
SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	526,082	27,034 SH SOLE	0	27,034
SIMON PPTY GROUP INC NEW	COM	828806109	20,196,130	129,057 SH SOLE	0	129,057
SIMPLY GOOD FOODS CO	COM	82900L102	667,498	19,615 SH SOLE	0	19,615
SIMPSON MFG INC	COM	829073105	1,936,899	9,440 SH SOLE	0	9,440
SIRIUSPOINT LTD	COM	G8192H106	248,379	19,542 SH SOLE	0	19,542
SITE CTRS CORP	COM	82981J109	1,060,133	72,364 SH SOLE	0	72,364
SITIME CORP	COM	82982T106	351,757	3,773 SH SOLE	0	3,773
SIX FLAGS ENTMT CORP NEW	COM	83001A102	411,224	15,624 SH SOLE	0	15,624
SIW GROUP	COM	784305104	3,552,777	62,781 SH SOLE	0	62,781
SKECHERS U S A INC	CL A	830566105	1,810,356	29,552 SH SOLE	0	29,552
SKYWEST INC	COM	830879102	610,805	8,842 SH SOLE	0	8,842
SKYWORKS SOLUTIONS INC	COM	83088M102	3,810,048	35,174 SH SOLE	0	35,174
SL GREEN RLTY CORP	COM	78440X887	1,398,207	25,362 SH SOLE	0	25,362
SLM CORP	COM	78442P106	1,061,870	48,732 SH SOLE	0	48,732
SM ENERGY CO	COM	78454L100	1,245,552	24,986 SH SOLE	0	24,986
SMART GLOBAL HLDGS INC	SHS	G8232Y101	294,600	11,193 SH SOLE	0	11,193
SMITH A O CORP	COM	831865209	2,412,199	26,964 SH SOLE	0	26,964
SMUCKER J M CO	COM NEW	832696405	2,933,023	23,302 SH SOLE	0	23,302
SNAP ON INC	COM	833034101	3,432,301	11,587 SH SOLE	0	11,587
SOHU COM LTD	SPONSORED ADS	83410S108	124,737	11,801 SH SOLE	0	11,801
SOLAREGE TECHNOLOGIES INC	COM	83417M104	870,854	12,269 SH SOLE	0	12,269
SONOCO PRODS CO	COM	835495102	1,253,277	21,668 SH SOLE	0	21,668

SONOS INC	COM	83570H108	509,741	26,744	SH SOLE	0	26,744
SOTERA HEALTH CO	COM	83601L102	330,371	27,508	SH SOLE	0	27,508
SOUTHERN CO	COM	842587107	156,826,294	2,186,037	SH SOLE	0	2,186,037
SOUTHERN COPPER CORP	COM	84265V105	8,968,877	84,199	SH SOLE	0	84,199
SOUTHSTATE CORPORATION	COM	840441109	1,429,609	16,813	SH SOLE	0	16,813
SOUTHWEST AIRLS CO	COM	844741108	3,823,452	130,985	SH SOLE	0	130,985
SOUTHWEST GAS HLDGS INC	COM	844895102	1,011,768	13,290	SH SOLE	0	13,290
SOUTHWESTERN ENERGY CO	COM	845467109	1,846,587	243,613	SH SOLE	0	243,613
SPARK I ACQUISITION CORP	ORD SHS	G8316B100	3,609,376	351,791	SH SOLE	0	351,791
SPDR S&P 500 ETF TR	TR UNIT	78462F103	39,632,491	75,769	SH SOLE	0	75,769
SPIRE INC	COM	84857L101	6,418,627	104,589	SH SOLE	0	104,589
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	8,627,155	32,691	SH SOLE	0	32,691
SPRINKLR INC	CL A	85208T107	313,339	25,537	SH SOLE	0	25,537
SPROUTS FMRS MKT INC	COM	85208M102	1,448,608	22,466	SH SOLE	0	22,466
SPS COMM INC	COM	78463M107	1,465,333	7,925	SH SOLE	0	7,925
SPX TECHNOLOGIES INC	COM	78473E103	1,213,816	9,858	SH SOLE	0	9,858
ST JOE CO	COM	790148100	445,731	7,689	SH SOLE	0	7,689
STAAR SURGICAL CO	COM PAR \$0.01	852312305	403,471	10,540	SH SOLE	0	10,540
STAG INDL INC	COM	85254J102	2,781,442	72,358	SH SOLE	0	72,358
STANDEX INTL CORP	COM	854231107	467,212	2,564	SH SOLE	0	2,564
STANLEY BLACK & DECKER INC	COM	854502101	3,295,932	33,656	SH SOLE	0	33,656
STARBUCKS CORP	COM	855244109	22,715,076	248,551	SH SOLE	0	248,551
STARWOOD PPTY TR INC	COM	85571B105	1,338,182	65,823	SH SOLE	0	65,823
STATE STR CORP	COM	857477103	5,125,234	66,286	SH SOLE	0	66,286
STEALTHGAS INC	SHS	Y81669106	109,943	18,509	SH SOLE	0	18,509
STEEL DYNAMICS INC	COM	858119100	4,949,696	33,392	SH SOLE	0	33,392
STELLAR BANCORP INC	COM	858927106	246,694	10,127	SH SOLE	0	10,127
STEPAN CO	COM	858586100	413,194	4,589	SH SOLE	0	4,589
STERICYCLE INC	COM	858912108	1,079,634	20,467	SH SOLE	0	20,467
STERIS PLC	SHS USD	G8473T100	4,877,020	21,693	SH SOLE	0	21,693
STEWART INFORMATION SVCS COR	COM	860372101	384,570	5,911	SH SOLE	0	5,911
STIFEL FINL CORP	COM	860630102	1,763,750	22,563	SH SOLE	0	22,563
STONEX GROUP INC	COM	861896108	411,653	5,859	SH SOLE	0	5,859
STRATEGIC ED INC	COM	86272C103	489,156	4,698	SH SOLE	0	4,698
STRIDE INC	COM	86333M108	541,852	8,594	SH SOLE	0	8,594
STRYKER CORPORATION	COM	863667101	26,565,764	74,233	SH SOLE	0	74,233
SUMMIT HOTEL PPTYS INC	COM	866082100	274,839	42,218	SH SOLE	0	42,218
SUN CMNTYS INC	COM	866674104	2,799,572	21,773	SH SOLE	0	21,773
SUNCOKE ENERGY INC	COM	86722A103	203,840	18,087	SH SOLE	0	18,087
SUNPOWER CORP	COM	867652406	55,668	18,556	SH SOLE	0	18,556
SUNRUN INC	COM	86771W105	620,145	47,052	SH SOLE	0	47,052
SUNSTONE HOTEL INVS INC NEW	COM	867892101	896,547	80,480	SH SOLE	0	80,480
SUPER MICRO COMPUTER INC	COM	86800U104	11,164,872	11,054	SH SOLE	0	11,054
SUPERNUS PHARMACEUTICALS INC	COM	868459108	402,430	11,798	SH SOLE	0	11,798
SYLVAMO CORP	COMMON STOCK	871332102	470,953	7,628	SH SOLE	0	7,628
SYNAPTICS INC	COM	87157D109	848,187	8,694	SH SOLE	0	8,694
SYNCHRONY FINANCIAL	COM	87165B103	3,851,220	89,314	SH SOLE	0	89,314
SYNOPSYS INC	COM	871607107	19,135,535	33,483	SH SOLE	0	33,483
SYNOVUS FINL CORP	COM NEW	87161C501	1,295,941	32,350	SH SOLE	0	32,350
SYSCO CORP	COM	871829107	8,872,000	109,288	SH SOLE	0	109,288
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	5,168,937	34,810	SH SOLE	0	34,810
TALOS ENERGY INC	COM	87484T108	405,488	29,109	SH SOLE	0	29,109
TANDEM DIABETES CARE INC	COM NEW	875372203	498,644	14,082	SH SOLE	0	14,082
TANGER INC	COM	875465106	1,230,663	41,675	SH SOLE	0	41,675
TAPESTRY INC	COM	876030107	2,390,760	50,353	SH SOLE	0	50,353
TARGA RES CORP	COM	87612G101	41,761,295	372,902	SH SOLE	0	372,902
TARGET CORP	COM	87612E106	17,959,879	101,348	SH SOLE	0	101,348
TAYLOR MORRISON HOME CORP	COM	87724P106	1,477,657	23,768	SH SOLE	0	23,768
TD SYNnex CORPORATION	COM	87162W100	1,427,096	12,618	SH SOLE	0	12,618
TE CONNECTIVITY LTD	SHS	H84989104	9,845,820	67,790	SH SOLE	0	67,790
TEGNA INC	COM	87901J105	650,936	43,570	SH SOLE	0	43,570
TELEDYNE TECHNOLOGIES INC	COM	879360105	4,446,897	10,358	SH SOLE	0	10,358
TELEFLEX INCORPORATED	COM	879369106	2,333,170	10,316	SH SOLE	0	10,316
TELEPHONE & DATA SYS INC	COM NEW	879433829	341,050	21,289	SH SOLE	0	21,289

TEMPUR SEALY INTL INC	COM	88023U101	2,165,297	38,108 SH SOLE	0	38,108
TENCENT MUSIC ENTMT GROUP	SPON ADS	88034P109	10,307,075	921,097 SH SOLE	0	921,097
TENET HEALTHCARE CORP	COM NEW	88033G407	2,361,191	22,464 SH SOLE	0	22,464
TENNANT CO	COM	880345103	490,575	4,034 SH SOLE	0	4,034
TERADATA CORP DEL	COM	88076W103	836,587	21,634 SH SOLE	0	21,634
TERADYNE INC	COM	880770102	3,786,688	33,561 SH SOLE	0	33,561
TEREX CORP NEW	COM	880779103	954,472	14,821 SH SOLE	0	14,821
TERRENO RLTY CORP	COM	88146M101	992,149	14,942 SH SOLE	0	14,942
TESLA INC	COM	88160R101	106,926,729	608,264 SH SOLE	0	608,264
TETRA TECH INC NEW	COM	88162G103	2,184,565	11,827 SH SOLE	0	11,827
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	2,535,948	179,727 SH SOLE	0	179,727
TEXAS CAP BANCSHARES INC	COM	88224Q107	643,136	10,449 SH SOLE	0	10,449
TEXAS INSTRS INC	COM	882508104	34,774,929	199,615 SH SOLE	0	199,615
TEXAS ROADHOUSE INC	COM	882681109	2,281,985	14,773 SH SOLE	0	14,773
TEXTRON INC	COM	883203101	4,127,772	43,029 SH SOLE	0	43,029
THE CIGNA GROUP	COM	125523100	23,321,519	64,213 SH SOLE	0	64,213
THE ODP CORP	COM	88337F105	381,111	7,184 SH SOLE	0	7,184
THERMO FISHER SCIENTIFIC INC	COM	883556102	49,298,232	84,820 SH SOLE	0	84,820
THOR INDS INC	COM	885160101	1,384,025	11,795 SH SOLE	0	11,795
TIMKEN CO	COM	887389104	1,255,320	14,358 SH SOLE	0	14,358
TITAN INTL INC ILL	COM	88830M102	136,562	10,960 SH SOLE	0	10,960
TJX COS INC NEW	COM	872540109	25,374,473	250,192 SH SOLE	0	250,192
TKO GROUP HOLDINGS INC	CL A	87256C101	1,145,105	13,252 SH SOLE	0	13,252
T-MOBILE US INC	COM	872590104	18,712,030	114,643 SH SOLE	0	114,643
TOLL BROTHERS INC	COM	889478103	2,984,437	23,069 SH SOLE	0	23,069
TOPBUILD CORP	COM	89055F103	3,081,143	6,991 SH SOLE	0	6,991
TOPGOLF CALLAWAY BRANDS CORP	COM	131193104	496,128	30,682 SH SOLE	0	30,682
TORO CO	COM	891092108	2,116,012	23,093 SH SOLE	0	23,093
TORONTO DOMINION BK ONT	COM NEW	891160509	17,172,423	284,264 SH SOLE	0	284,264
TRACTOR SUPPLY CO	COM	892356106	6,211,662	23,734 SH SOLE	0	23,734
TRAILBLAZER MERGER CORP I	CL A	89278D109	2,743,471	258,696 SH SOLE	0	258,696
TRANE TECHNOLOGIES PLC	SHS	G8994E103	14,996,491	49,955 SH SOLE	0	49,955
TRANSDIGM GROUP INC	COM	893641100	15,034,141	12,207 SH SOLE	0	12,207
TRAVEL PLUS LEISURE CO	COM	894164102	784,339	16,020 SH SOLE	0	16,020
TRAVELERS COMPANIES INC	COM	89417E109	11,529,324	50,097 SH SOLE	0	50,097
TREEHOUSE FOODS INC	COM	89469A104	423,270	10,867 SH SOLE	0	10,867
TREX CO INC	COM	89531P105	2,396,195	24,022 SH SOLE	0	24,022
TRI POINTE HOMES INC	COM	87265H109	810,275	20,959 SH SOLE	0	20,959
TRICON RESIDENTIAL INC	COM NPV	89612W102	278,750	25,000 SH SOLE	0	25,000
TRIMBLE INC	COM	896239100	3,514,828	54,612 SH SOLE	0	54,612
TRINITY INDS INC	COM	896522109	492,388	17,680 SH SOLE	0	17,680
TRIPADVISOR INC	COM	896945201	648,841	23,348 SH SOLE	0	23,348
TRIUMPH FINANCIAL INC	COM	89679E300	369,235	4,655 SH SOLE	0	4,655
TRIUMPH GROUP INC NEW	COM	896818101	249,664	16,600 SH SOLE	0	16,600
TRUIST FINL CORP	COM	89832Q109	11,413,188	292,796 SH SOLE	0	292,796
TRUPANION INC	COM	898202106	213,039	7,716 SH SOLE	0	7,716
TRUSTMARK CORP	COM	898402102	370,743	13,189 SH SOLE	0	13,189
TTM TECHNOLOGIES INC	COM	87305R109	345,552	22,080 SH SOLE	0	22,080
TURNING PT BRANDS INC	NOTE 2.500% 7	90041LAE5	145,877	150,000 SH SOLE	0	150,000
TUYA INC	SPONSERED ADS	90114C107	19,815	11,323 SH SOLE	0	11,323
TWO HBRS INVT CORP	COM	90187B804	295,093	22,288 SH SOLE	0	22,288
TYLER TECHNOLOGIES INC	COM	902252105	3,930,067	9,247 SH SOLE	0	9,247
TYSON FOODS INC	CL A	902494103	3,691,768	62,860 SH SOLE	0	62,860
U S PHYSICAL THERAPY	COM	90337L108	365,360	3,237 SH SOLE	0	3,237
U S SILICA HLDGS INC	COM	90346E103	206,775	16,662 SH SOLE	0	16,662
UBER TECHNOLOGIES INC	COM	90353T100	34,781,002	451,760 SH SOLE	0	451,760
UDR INC	COM	902653104	4,659,939	124,564 SH SOLE	0	124,564
UFP INDUSTRIES INC	COM	90278Q108	1,681,916	13,673 SH SOLE	0	13,673
UFP TECHNOLOGIES INC	COM	902673102	382,840	1,518 SH SOLE	0	1,518
UGI CORP NEW	COM	902681105	1,137,527	46,354 SH SOLE	0	46,354
ULTA BEAUTY INC	COM	903845303	5,574,424	10,661 SH SOLE	0	10,661
ULTRA CLEAN HLDGS INC	COM	90385V107	444,745	9,681 SH SOLE	0	9,681
UMB FINL CORP	COM	902788108	840,497	9,662 SH SOLE	0	9,662
UNDER ARMOUR INC	CL A	904311107	308,218	41,764 SH SOLE	0	41,764

UNDER ARMOUR INC	CL C	904311206	301,394	42,212	SH SOLE	0	42,212
UNIFIRST CORP MASS	COM	904708104	565,902	3,263	SH SOLE	0	3,263
UNION PAC CORP	COM	907818108	124,050,781	504,415	SH SOLE	0	504,415
UNITED AIRLS HLDGS INC	COM	910047109	3,447,791	72,009	SH SOLE	0	72,009
UNITED BANKSHARES INC WEST V	COM	909907107	1,065,719	29,777	SH SOLE	0	29,777
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	676,266	25,694	SH SOLE	0	25,694
UNITED NAT FOODS INC	COM	911163103	147,405	12,829	SH SOLE	0	12,829
UNITED PARCEL SERVICE INC	CL B	911312106	23,598,877	158,776	SH SOLE	0	158,776
UNITED RENTALS INC	COM	911363109	10,637,094	14,751	SH SOLE	0	14,751
UNITED STATES STL CORP NEW	COM	912909108	2,018,202	49,490	SH SOLE	0	49,490
UNITED THERAPEUTICS CORP DEL	COM	91307C102	2,387,939	10,395	SH SOLE	0	10,395
UNITEDHEALTH GROUP INC	COM	91324P102	100,447,846	203,048	SH SOLE	0	203,048
UNITI GROUP INC	COM	91325V108	2,346,330	397,683	SH SOLE	0	397,683
UNIVERSAL CORP VA	COM	913456109	274,478	5,307	SH SOLE	0	5,307
UNIVERSAL DISPLAY CORP	COM	91347P105	1,623,521	9,638	SH SOLE	0	9,638
UNIVERSAL HLTH SVCS INC	CL B	913903100	2,443,687	13,393	SH SOLE	0	13,393
UNUM GROUP	COM	91529Y106	2,157,883	40,214	SH SOLE	0	40,214
UPBOUND GROUP INC	COM	76009N100	338,544	9,615	SH SOLE	0	9,615
UPWORK INC	NOTE 0.250% 8	91688FAB0	8,719	10,000	SH SOLE	0	10,000
URBAN EDGE PPTYS	COM	91704F104	787,374	45,592	SH SOLE	0	45,592
URBAN OUTFITTERS INC	COM	917047102	530,723	12,223	SH SOLE	0	12,223
US BANCORP DEL	COM NEW	902973304	15,278,907	341,810	SH SOLE	0	341,810
US FOODS HLDG CORP	COM	912008109	2,700,281	50,033	SH SOLE	0	50,033
V F CORP	COM	918204108	1,112,963	72,553	SH SOLE	0	72,553
VAIL RESORTS INC	COM	91879Q109	1,871,549	8,399	SH SOLE	0	8,399
VALARIS LTD	CL A	G9460G101	1,043,630	13,867	SH SOLE	0	13,867
VALERO ENERGY CORP	COM	91913Y100	12,757,200	74,739	SH SOLE	0	74,739
VALLEY NATL BANCORP	COM	919794107	750,938	94,339	SH SOLE	0	94,339
VALMONT INDS INC	COM	920253101	1,054,882	4,621	SH SOLE	0	4,621
VALVOLINE INC	COM	92047W101	1,278,223	28,679	SH SOLE	0	28,679
VECTOR GROUP LTD	COM	92240M108	313,697	28,622	SH SOLE	0	28,622
VEECO INSTRS INC DEL	COM	922417100	427,913	12,167	SH SOLE	0	12,167
VENTAS INC	COM	92276F100	6,928,564	159,131	SH SOLE	0	159,131
VERALTO CORP	COM SHS	92338C103	4,268,270	48,142	SH SOLE	0	48,142
VERICEL CORP	COM	92346J108	536,118	10,306	SH SOLE	0	10,306
VERIS RESIDENTIAL INC	COM	554489104	481,397	31,650	SH SOLE	0	31,650
VERISIGN INC	COM	92343E102	3,666,450	19,347	SH SOLE	0	19,347
VERISK ANALYTICS INC	COM	92345Y106	7,503,050	31,829	SH SOLE	0	31,829
VERITEX HLDGS INC	COM	923451108	240,450	11,735	SH SOLE	0	11,735
VERIZON COMMUNICATIONS INC	COM	92343V104	38,727,402	922,960	SH SOLE	0	922,960
VERRA MOBILITY CORP	CL A COM STK	92511U102	896,823	35,916	SH SOLE	0	35,916
VERTEX ENERGY INC	COM	92534K107	1,847,254	1,319,467	SH SOLE	0	1,319,467
VERTEX PHARMACEUTICALS INC	COM	92532F100	23,648,080	56,573	SH SOLE	0	56,573
VESTIS CORPORATION	COM SHS	29430C102	546,998	28,386	SH SOLE	0	28,386
VIASAT INC	COM	92552V100	293,745	16,238	SH SOLE	0	16,238
VIATRIS INC	COM	92556V106	3,144,554	263,363	SH SOLE	0	263,363
VIAVI SOLUTIONS INC	COM	925550105	436,902	48,064	SH SOLE	0	48,064
VICI PPTYS INC	COM	925652109	12,225,578	410,392	SH SOLE	0	410,392
VICTORIAS SECRET AND CO	COMMON STOCK	926400102	324,072	16,722	SH SOLE	0	16,722
VICTORY CAP HLDGS INC	COM CL A	92645B103	10,627,654	250,475	SH SOLE	0	250,475
VIPSHOP HLDGS LTD	SPONSORED ADS	92763W103	5,108,803	308,689	SH SOLE	0	308,689
VIR BIOTECHNOLOGY INC	COM	92764N102	188,337	18,592	SH SOLE	0	18,592
VIRTUS INVT PARTNERS INC	COM	92828Q109	361,803	1,459	SH SOLE	0	1,459
VISA INC	COM CL A	92826C839	96,897,971	347,205	SH SOLE	0	347,205
VISHAY INTERTECHNOLOGY INC	COM	928298108	633,339	27,925	SH SOLE	0	27,925
VISTA OUTDOOR INC	COM	928377100	411,618	12,557	SH SOLE	0	12,557
VISTEON CORP	COM NEW	92839U206	723,537	6,152	SH SOLE	0	6,152
VISTRA CORP	COM	92840M102	5,178,269	74,347	SH SOLE	0	74,347
VITAL ENERGY INC	COM	516806205	281,404	5,356	SH SOLE	0	5,356
VONTIER CORPORATION	COM	928881101	1,548,500	34,138	SH SOLE	0	34,138
VORNADO RLTY TR	SH BEN INT	929042109	1,918,096	66,670	SH SOLE	0	66,670
VOYA FINANCIAL INC	COM	929089100	1,684,193	22,784	SH SOLE	0	22,784
VULCAN MATLS CO	COM	929160109	7,961,076	29,170	SH SOLE	0	29,170
WABASH NATL CORP	COM	929566107	293,502	9,803	SH SOLE	0	9,803

WABTEC	COM	929740108	5,729,740	39,331	SH SOLE	0	39,331
WAFD INC	COM	938824109	425,870	14,670	SH SOLE	0	14,670
WALGREENS BOOTS ALLIANCE INC	COM	931427108	3,408,215	157,133	SH SOLE	0	157,133
WALKER & DUNLOP INC	COM	93148P102	730,057	7,224	SH SOLE	0	7,224
WALKME LTD	ORD SHS	M97628107	97,171	11,299	SH SOLE	0	11,299
WALMART INC	COM	931142103	56,543,434	939,728	SH SOLE	0	939,728
WARNER BROS DISCOVERY INC	COM SER A	934423104	4,252,872	487,156	SH SOLE	0	487,156
WARRIOR MET COAL INC	COM	93627C101	681,904	11,234	SH SOLE	0	11,234
WASTE MGMT INC DEL	COM	94106L109	17,150,688	80,463	SH SOLE	0	80,463
WATERS CORP	COM	941848103	4,468,105	12,980	SH SOLE	0	12,980
WATSCO INC	COM	942622200	2,988,800	6,919	SH SOLE	0	6,919
WATTS WATER TECHNOLOGIES INC	CL A	942749102	1,286,778	6,054	SH SOLE	0	6,054
WD 40 CO	COM	929236107	741,945	2,929	SH SOLE	0	2,929
WEATHERFORD INTL PLC	ORD SHS	G48833118	1,846,374	15,997	SH SOLE	0	15,997
WEBSTER FINL CORP	COM	947890109	1,931,849	38,051	SH SOLE	0	38,051
WEC ENERGY GROUP INC	COM	92939U106	51,956,585	632,691	SH SOLE	0	632,691
WELLS FARGO CO NEW	COM	949746101	45,791,646	790,056	SH SOLE	0	790,056
WELLTOWER INC	COM	95040Q104	20,531,011	219,724	SH SOLE	0	219,724
WENDYS CO	COM	95058W100	696,270	36,957	SH SOLE	0	36,957
WERNER ENTERPRISES INC	COM	950755108	549,010	14,034	SH SOLE	0	14,034
WESCO INTL INC	COM	95082P105	1,664,328	9,717	SH SOLE	0	9,717
WEST PHARMACEUTICAL SVSC INC	COM	955306105	6,427,518	16,243	SH SOLE	0	16,243
WESTAMERICA BANCORPORATION	COM	957090103	281,549	5,760	SH SOLE	0	5,760
WESTERN DIGITAL CORP.	COM	958102105	4,857,391	71,181	SH SOLE	0	71,181
WESTERN UN CO	COM	959802109	1,083,911	77,533	SH SOLE	0	77,533
WESTLAKE CORPORATION	COM	960413102	1,082,741	7,086	SH SOLE	0	7,086
WESTROCK CO	COM	96145D105	2,789,573	56,412	SH SOLE	0	56,412
WEX INC	COM	96208T104	2,245,609	9,454	SH SOLE	0	9,454
WEYERHAEUSER CO MTN BE	COM NEW	962166104	5,752,854	160,202	SH SOLE	0	160,202
WHIRLPOOL CORP	COM	963320106	1,455,419	12,166	SH SOLE	0	12,166
WHITESTONE REIT	COM	966084204	127,671	10,173	SH SOLE	0	10,173
WILEY JOHN & SONS INC	CL A	968223206	347,326	9,109	SH SOLE	0	9,109
WILLIAMS COS INC	COM	969457100	79,981,054	2,052,375	SH SOLE	0	2,052,375
WILLIAMS SONOMA INC	COM	969904101	4,505,433	14,189	SH SOLE	0	14,189
WILLIS TOWERS WATSON PLC LTD	SHS	G96629103	6,190,250	22,510	SH SOLE	0	22,510
WINGSTOP INC	COM	974155103	2,384,165	6,507	SH SOLE	0	6,507
WINNEBAGO INDS INC	COM	974637100	467,236	6,314	SH SOLE	0	6,314
WINTRUST FINL CORP	COM	97650W108	1,414,067	13,546	SH SOLE	0	13,546
WISDOMTREE INC	COM	97717P104	219,145	23,846	SH SOLE	0	23,846
WIX COM LTD	SHS	M98068105	1,191,127	8,664	SH SOLE	0	8,664
WK KELLOGG CO	COM SHS	92942W107	267,693	14,239	SH SOLE	0	14,239
WNS HLDGS LTD	COM SHS	G98196101	1,287,403	25,478	SH SOLE	0	25,478
WOLFSPEED INC	COM	977852102	820,926	27,828	SH SOLE	0	27,828
WOLVERINE WORLD WIDE INC	COM	978097103	192,532	17,175	SH SOLE	0	17,175
WOODWARD INC	COM	980745103	2,055,653	13,338	SH SOLE	0	13,338
WORLD KINECT CORPORATION	COM	981475106	343,876	13,001	SH SOLE	0	13,001
WORTHINGTON ENTERPRISES INC	COM	981811102	409,847	6,586	SH SOLE	0	6,586
WORTHINGTON STL INC	COM SHS	982104101	235,857	6,579	SH SOLE	0	6,579
WP CAREY INC	COM	92936U109	4,905,144	86,909	SH SOLE	0	86,909
WSFS FINL CORP	COM	929328102	590,115	13,073	SH SOLE	0	13,073
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	1,408,516	18,352	SH SOLE	0	18,352
WYNN RESORTS LTD	COM	983134107	2,138,549	20,919	SH SOLE	0	20,919
XCEL ENERGY INC	COM	98389B100	59,394,933	1,105,022	SH SOLE	0	1,105,022
XENCOR INC	COM	98401F105	290,921	13,146	SH SOLE	0	13,146
XENIA HOTELS & RESORTS INC	COM	984017103	619,433	41,268	SH SOLE	0	41,268
XEROX HOLDINGS CORP	COM NEW	98421M106	437,100	24,419	SH SOLE	0	24,419
XPEL INC	COM	98379L100	248,168	4,594	SH SOLE	0	4,594
XPO INC	COM	983793100	3,134,341	25,685	SH SOLE	0	25,685
XYLEM INC	COM	98419M100	6,839,898	52,924	SH SOLE	0	52,924
YALLA GROUP LTD	ADS	98459U103	61,419	12,769	SH SOLE	0	12,769
YELP INC	CL A	985817105	582,608	14,787	SH SOLE	0	14,787
YETI HLDGS INC	COM	98585X104	740,623	19,212	SH SOLE	0	19,212
YUM BRANDS INC	COM	988498101	8,553,041	61,688	SH SOLE	0	61,688
ZEBRA TECHNOLOGIES CORPORATI	CL A	989207105	3,398,736	11,275	SH SOLE	0	11,275

ZIFF DAVIS INC	COM	48123V102	641,243	10,172 SH SOLE	0	10,172
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	6,054,846	45,877 SH SOLE	0	45,877
ZIONS BANCORPORATION N A	COM	989701107	1,422,261	32,771 SH SOLE	0	32,771
ZOETIS INC	CL A	98978V103	17,054,507	100,789 SH SOLE	0	100,789
ZOOMINFO TECHNOLOGIES INC	COMMON STOCK	98980F104	1,050,430	65,529 SH SOLE	0	65,529
Total 13F Holdings-Q1-2024			14,604,461,161	164,043,561		164,043,561