

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

FORM 13F
FORM 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: December 31, 2023

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

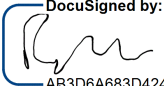
Institutional Investment Manager Filing this report:

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 February 7, 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: 1,523

Form 13F Information Table Value Total: \$13,776,969,463
(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-Dec-23

NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE	SHARES	Invst Discr	Other Mngrs	Voting Authority SOLE
3-D SYS CORP DEL	COM NEW	88554D205	182,842	28,794	SH SOLE	0	28,794
3M CO	COM	88579Y101	13,222,254	120,950	SH SOLE	0	120,950
99 ACQUISITION GROUP INC	CL A	65445K101	1,998,646	196,138	SH SOLE	0	196,138
A10 NETWORKS INC	COM	002121101	198,050	15,038	SH SOLE	0	15,038
AAON INC	COM PAR \$0.004	000360206	1,074,956	14,552	SH SOLE	0	14,552
AAR CORP	COM	000361105	451,526	7,236	SH SOLE	0	7,236
ABBOTT LABS	COM	002824100	41,828,911	380,021	SH SOLE	0	380,021
ABBVIE INC	COM	00287Y109	59,916,051	386,630	SH SOLE	0	386,630
ABCELLERA BIOLOGICS INC	COM	00288U106	1,428,916	250,248	SH SOLE	0	250,248
ABERCROMBIE & FITCH CO	CL A	002896207	958,687	10,867	SH SOLE	0	10,867
ABM INDS INC	COM	000957100	633,941	14,141	SH SOLE	0	14,141
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	1,061,544	16,084	SH SOLE	0	16,084
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	1,582,260	20,348	SH SOLE	0	20,348
ACADIA RLTY TR	COM SH BEN INT	004239109	637,227	37,506	SH SOLE	0	37,506
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	48,228,719	137,439	SH SOLE	0	137,439
ACI WORLDWIDE INC	COM	004498101	717,937	23,462	SH SOLE	0	23,462
ACUITY BRANDS INC	COM	00508Y102	1,398,784	6,829	SH SOLE	0	6,829
ADAPTHEALTH CORP	COMMON STOCK	00653Q102	128,734	17,659	SH SOLE	0	17,659
ADDUS HOMECARE CORP	COM	006739106	324,882	3,499	SH SOLE	0	3,499
ADEIA INC	COM	00676P107	286,544	23,127	SH SOLE	0	23,127
ADIANT PLC	ORD SHS	G0084W101	751,416	20,666	SH SOLE	0	20,666
ADOBE INC	COM	00724F101	59,484,003	99,705	SH SOLE	0	99,705
ADTALEM GLOBAL ED INC	COM	00737L103	506,675	8,595	SH SOLE	0	8,595
ADTRAN HOLDINGS INC	COM	00486H105	112,185	15,284	SH SOLE	0	15,284
ADVANCE AUTO PARTS INC	COM	00751Y106	783,198	12,833	SH SOLE	0	12,833
ADVANCED DRAIN SYS INC DEL	COM	00790R104	2,127,602	15,128	SH SOLE	0	15,128
ADVANCED ENERGY INDS	COM	007973100	876,261	8,045	SH SOLE	0	8,045
ADVANCED MICRO DEVICES INC	COM	007903107	52,155,132	353,810	SH SOLE	0	353,810
AECOM	COM	00766T100	2,829,375	30,611	SH SOLE	0	30,611
AERCAP HOLDINGS NV	SHS	N00985106	2,375,193	31,959	SH SOLE	0	31,959
AEROVIRONMENT INC	COM	008073108	715,025	5,673	SH SOLE	0	5,673
AES CORP	COM	00130H105	2,822,820	146,640	SH SOLE	0	146,640
AFFILIATED MANAGERS GROUP IN	COM	008252108	1,129,593	7,460	SH SOLE	0	7,460
AFLAC INC	COM	001055102	9,607,455	116,454	SH SOLE	0	116,454
AGCO CORP	COM	001084102	1,665,017	13,714	SH SOLE	0	13,714
AGILENT TECHNOLOGIES INC	COM	00846U101	8,908,069	64,073	SH SOLE	0	64,073
AGILYSYS INC	COM	00847J105	371,512	4,380	SH SOLE	0	4,380
AGREE RLTY CORP	COM	008492100	2,530,149	40,193	SH SOLE	0	40,193
AGRICULTURE & NAT SOL ACQ CO	COM	G0131Y126	3,552,500	350,000	SH SOLE	0	350,000
AIR PRODS & CHEMS INC	COM	009158106	13,319,822	48,648	SH SOLE	0	48,648
AIRBNB INC	COM CL A	009066101	12,960,936	95,203	SH SOLE	0	95,203
AKAMAI TECHNOLOGIES INC	COM	00971T101	3,909,101	33,030	SH SOLE	0	33,030
ALAMO GROUP INC	COM	011311107	468,514	2,229	SH SOLE	0	2,229
ALARM COM HLDGS INC	COM	011642105	697,056	10,787	SH SOLE	0	10,787
ALASKA AIR GROUP INC	COM	011659109	1,079,621	27,633	SH SOLE	0	27,633
ALBANY INTL CORP	CL A	012348108	661,217	6,732	SH SOLE	0	6,732
ALBEMARLE CORP	COM	012653101	3,712,992	25,699	SH SOLE	0	25,699
ALCHEMY INVTS ACQUISITN CORP	SHS CL A	G0232F109	2,651,250	250,000	SH SOLE	0	250,000
ALCOA CORP	COM	013872106	1,338,954	39,381	SH SOLE	0	39,381
ALEXANDER & BALDWIN INC NEW	COM	014491104	547,643	28,793	SH SOLE	0	28,793
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	8,294,815	65,432	SH SOLE	0	65,432
ALIGN TECHNOLOGY INC	COM	016255101	4,273,852	15,598	SH SOLE	0	15,598
ALKERMES PLC	SHS	G01767105	998,973	36,012	SH SOLE	0	36,012
ALLEGIANTE TRAVEL CO	COM	01748X102	268,978	3,256	SH SOLE	0	3,256
ALLEGION PLC	ORD SHS	G0176J109	2,435,489	19,224	SH SOLE	0	19,224
ALLEGRO MICROSYSTEMS INC	COM	01749D105	475,663	15,714	SH SOLE	0	15,714
ALLETE INC	COM NEW	018522300	6,598,430	107,888	SH SOLE	0	107,888
ALLIANT ENERGY CORP	COM	018802108	24,277,674	473,249	SH SOLE	0	473,249
ALLSTATE CORP	COM	020002101	8,021,694	57,306	SH SOLE	0	57,306
ALLY FINL INC	COM	02005N100	2,091,743	59,901	SH SOLE	0	59,901
ALPHA METALLURGICAL RESOUR I	COM	020764106	864,585	2,551	SH SOLE	0	2,551

ALPHABET INC	CAP STK CL C	02079K107	153,715,029	1,090,719	SH SOLE	0	1,090,719
ALPHABET INC	CAP STK CL A	02079K305	195,002,351	1,395,965	SH SOLE	0	1,395,965
ALTERYX INC	NOTE 0.500% 8/0	02156BAD5	1,776,253	1,830,000	SH SOLE	0	1,830,000
ALTRIA GROUP INC	COM	02209S103	15,624,126	387,311	SH SOLE	0	387,311
AMAZON COM INC	COM	023135106	302,581,825	1,991,456	SH SOLE	0	1,991,456
AMCOR PLC	ORD	G0250X107	3,051,166	316,511	SH SOLE	0	316,511
AMEDISYS INC	COM	023436108	684,527	7,201	SH SOLE	0	7,201
AMER STATES WTR CO	COM	029899101	5,550,428	69,018	SH SOLE	0	69,018
AMEREN CORP	COM	023608102	35,638,373	492,651	SH SOLE	0	492,651
AMERICAN AIRLS GROUP INC	COM	02376R102	1,966,428	143,117	SH SOLE	0	143,117
AMERICAN ASSETS TR INC	COM	024013104	435,028	19,326	SH SOLE	0	19,326
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	222,549	25,261	SH SOLE	0	25,261
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	847,627	40,058	SH SOLE	0	40,058
AMERICAN ELEC PWR CO INC	COM	025537101	78,877,290	971,156	SH SOLE	0	971,156
AMERICAN EQTY INVT LIFE HLD	COM	025676206	751,738	13,472	SH SOLE	0	13,472
AMERICAN EXPRESS CO	COM	025816109	23,618,516	126,073	SH SOLE	0	126,073
AMERICAN FINL GROUP INC OHIO	COM	025932104	1,714,275	14,419	SH SOLE	0	14,419
AMERICAN HOMES 4 RENT	CL A	02665T306	2,176,443	60,524	SH SOLE	0	60,524
AMERICAN INTL GROUP INC	COM NEW	026874784	10,415,750	153,738	SH SOLE	0	153,738
AMERICAN TOWER CORP NEW	COM	03027X100	168,020,052	778,303	SH SOLE	0	778,303
AMERICAN WOODMARK CORPORATIO	COM	030506109	329,060	3,544	SH SOLE	0	3,544
AMERICAN WTR WKS CO INC NEW	COM	030420103	48,357,308	366,371	SH SOLE	0	366,371
AMERICOLD REALTY TRUST INC	COM	03064D108	1,485,561	49,077	SH SOLE	0	49,077
AMERIPRISE FINL INC	COM	03076C106	8,417,413	22,161	SH SOLE	0	22,161
AMERIS BANCORP	COM	03076K108	743,071	14,007	SH SOLE	0	14,007
AMETEK INC	COM	031100100	8,333,870	50,542	SH SOLE	0	50,542
AMGEN INC	COM	031162100	33,755,080	117,197	SH SOLE	0	117,197
AMKOR TECHNOLOGY INC	COM	031652100	757,758	22,776	SH SOLE	0	22,776
AMN HEALTHCARE SVCS INC	COM	001744101	610,646	8,155	SH SOLE	0	8,155
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	498,758	8,064	SH SOLE	0	8,064
AMPHENOL CORP NEW	CL A	03209S101	12,988,211	131,022	SH SOLE	0	131,022
ANALOG DEVICES INC	COM	032654105	21,667,463	109,123	SH SOLE	0	109,123
ANDERSONS INC	COM	034164103	393,919	6,846	SH SOLE	0	6,846
ANNALY CAPITAL MANAGEMENT IN	COM NEW	035710839	2,137,460	110,349	SH SOLE	0	110,349
ANSYS INC	COM	03662Q105	6,896,897	19,006	SH SOLE	0	19,006
ANTERO MIDSTREAM CORP	COM	03676B102	941,692	75,155	SH SOLE	0	75,155
ANTERO RESOURCES CORP	COM	03674X106	1,413,849	62,339	SH SOLE	0	62,339
ANYWHERE REAL ESTATE INC	COM	75605Y106	193,359	23,842	SH SOLE	0	23,842
AON PLC	SHS CL A	G0403H108	12,759,772	43,845	SH SOLE	0	43,845
APA CORPORATION	COM	03743Q108	2,409,952	67,167	SH SOLE	0	67,167
APARTMENT INCOME REIT CORP	COM	03750L109	2,065,497	59,473	SH SOLE	0	59,473
APARTMENT INVT & MGMT CO	CL A	03748R747	206,399	26,360	SH SOLE	0	26,360
APOGEE ENTERPRISES INC	COM	037598109	254,392	4,763	SH SOLE	0	4,763
APOLLO COML REAL EST FIN INC	COM	03762U105	329,471	28,064	SH SOLE	0	28,064
APOLLO MED HLDGS INC	COM NEW	03763A207	343,398	8,966	SH SOLE	0	8,966
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	1,408,345	84,789	SH SOLE	0	84,789
APPLE INC	COM	037833100	616,384,602	3,201,499	SH SOLE	0	3,201,499
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	1,444,379	8,364	SH SOLE	0	8,364
APPLIED MATLS INC	COM	038222105	29,689,603	183,190	SH SOLE	0	183,190
APTARGROUP INC	COM	038336103	1,794,344	14,515	SH SOLE	0	14,515
APTIV PLC	SHS	G6095L109	5,557,526	61,943	SH SOLE	0	61,943
ARAMARK	COM	03852U106	1,618,644	57,603	SH SOLE	0	57,603
ARBOR REALTY TRUST INC	COM	038923108	617,477	40,677	SH SOLE	0	40,677
ARCBEST CORP	COM	03937C105	613,792	5,106	SH SOLE	0	5,106
ARCH CAP GROUP LTD	ORD	G0450A105	6,069,344	81,720	SH SOLE	0	81,720
ARCHER DANIELS MIDLAND CO	COM	039483102	8,435,585	116,804	SH SOLE	0	116,804
ARCHROCK INC	COM	03957W106	456,379	29,635	SH SOLE	0	29,635
ARCOSA INC	COM	039653100	869,538	10,522	SH SOLE	0	10,522
ARCUS BIOSCIENCES INC	COM	03969F109	222,133	11,630	SH SOLE	0	11,630
ARES ACQUISITION CORP II	SHS CLASS A	G33033104	2,620,440	251,000	SH SOLE	0	251,000
ARISTA NETWORKS INC	COM	040413106	12,996,148	55,183	SH SOLE	0	55,183
ARLO TECHNOLOGIES INC	COM	04206A101	194,398	20,420	SH SOLE	0	20,420
ARMADA HOFFLER PPTYS INC	COM	04208T108	330,898	26,750	SH SOLE	0	26,750
ARMOUR RESIDENTIAL REIT INC	COM SHS	042315705	204,270	10,573	SH SOLE	0	10,573
ARMSTRONG WORLD INDS INC NEW	COM	04247X102	937,383	9,534	SH SOLE	0	9,534
ARROW ELECTRS INC	COM	042735100	1,461,010	11,951	SH SOLE	0	11,951
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	723,782	23,653	SH SOLE	0	23,653

ARTISAN PARTNERS ASSET MGMT	CL A	04316A108	652,848	14,777	SH SOLE	0	14,777
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	998,867	4,440	SH SOLE	0	4,440
ASGN INC	COM	00191U102	1,001,611	10,415	SH SOLE	0	10,415
ASHLAND INC	COM	044186104	953,293	11,307	SH SOLE	0	11,307
ASPEN TECHNOLOGY INC	COM	29109X106	1,361,628	6,185	SH SOLE	0	6,185
ASSOCIATED BANC CORP	COM	045487105	701,442	32,793	SH SOLE	0	32,793
ASSURANT INC	COM	04621X108	1,940,499	11,517	SH SOLE	0	11,517
ASSURED GUARANTY LTD	COM	G0585R106	877,756	11,730	SH SOLE	0	11,730
AT&T INC	COM	00206R102	26,273,470	1,565,761	SH SOLE	0	1,565,761
ATI INC	COM	01741R102	1,251,789	27,530	SH SOLE	0	27,530
ATKORE INC	COM	047649108	8,860,800	55,380	SH SOLE	0	55,380
ATLANTIC UN BANKSHARES CORP	COM	04911A107	591,510	16,188	SH SOLE	0	16,188
ATMOS ENERGY CORP	COM	049560105	32,283,366	278,545	SH SOLE	0	278,545
AUTODESK INC	COM	052769106	11,397,786	46,812	SH SOLE	0	46,812
AUTOLIV INC	COM	052800109	1,820,890	16,525	SH SOLE	0	16,525
AUTOMATIC DATA PROCESSING IN	COM	053015103	20,983,608	90,070	SH SOLE	0	90,070
AUTONATION INC	COM	05329W102	859,480	5,723	SH SOLE	0	5,723
AUTOZONE INC	COM	053332102	9,985,626	3,862	SH SOLE	0	3,862
AVALONBAY CMNTYS INC	COM	053484101	10,646,827	56,868	SH SOLE	0	56,868
AVANGRID INC	COM	05351W103	3,823,310	117,967	SH SOLE	0	117,967
AVANOS MED INC	COM	05350V106	226,521	10,099	SH SOLE	0	10,099
AVERY DENNISON CORP	COM	053611109	3,565,092	17,635	SH SOLE	0	17,635
AVIENT CORPORATION	COM	05368V106	836,181	20,115	SH SOLE	0	20,115
AVIS BUDGET GROUP	COM	053774105	722,512	4,076	SH SOLE	0	4,076
AVISTA CORP	COM	05379B107	5,111,463	143,018	SH SOLE	0	143,018
AVNET INC	COM	053807103	1,006,286	19,966	SH SOLE	0	19,966
AXALTA COATING SYS LTD	COM	G0750C108	1,649,685	48,563	SH SOLE	0	48,563
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	916,519	7,067	SH SOLE	0	7,067
AXON ENTERPRISE INC	COM	05464C101	3,984,740	15,425	SH SOLE	0	15,425
AXOS FINANCIAL INC	COM	05465C100	605,405	11,088	SH SOLE	0	11,088
AZENTA INC	COM	114340102	864,603	13,273	SH SOLE	0	13,273
AZZ INC	COM	002474104	314,325	5,411	SH SOLE	0	5,411
B & G FOODS INC NEW	COM	05508R106	178,143	16,966	SH SOLE	0	16,966
BADGER METER INC	COM	056525108	977,625	6,333	SH SOLE	0	6,333
BAIDU INC	SPON ADR REP A	056752108	3,926,278	32,969	SH SOLE	0	32,969
BAKER HUGHES COMPANY	CL A	05722G100	7,531,631	220,352	SH SOLE	0	220,352
BALCHEM CORP	COM	057665200	1,034,854	6,957	SH SOLE	0	6,957
BALL CORP	COM	058498106	3,971,583	69,047	SH SOLE	0	69,047
BANC OF CALIFORNIA INC	COM	05990K106	379,048	28,224	SH SOLE	0	28,224
BANCFIRST CORP	COM	05945F103	304,254	3,126	SH SOLE	0	3,126
BANCORP INC DEL	COM	05969A105	446,486	11,579	SH SOLE	0	11,579
BANK AMERICA CORP	COM	060505104	50,764,730	1,507,714	SH SOLE	0	1,507,714
BANK HAWAII CORP	COM	062540109	621,562	8,578	SH SOLE	0	8,578
BANK NEW YORK MELLON CORP	COM	064058100	8,766,105	168,417	SH SOLE	0	168,417
BANK OZK LITTLE ROCK ARK	COM	06417N103	1,156,903	23,217	SH SOLE	0	23,217
BANKUNITED INC	COM	06652K103	520,761	16,058	SH SOLE	0	16,058
BANNER CORP	COM NEW	06652V208	396,987	7,412	SH SOLE	0	7,412
BAOZUN INC	SPONSORED ADR	06684L103	183,090	66,821	SH SOLE	0	66,821
BARNES GROUP INC	COM	067806109	356,809	10,935	SH SOLE	0	10,935
BATH & BODY WORKS INC	COM	070830104	2,149,066	49,793	SH SOLE	0	49,793
BAXTER INTL INC	COM	071813109	4,295,010	111,097	SH SOLE	0	111,097
BECTON DICKINSON & CO	COM	075887109	15,490,520	63,530	SH SOLE	0	63,530
BELDEN INC	COM	077454106	710,468	9,197	SH SOLE	0	9,197
BELLRING BRANDS INC	COMMON STOCK	07831C103	1,607,747	29,005	SH SOLE	0	29,005
BENCHMARK ELECTRS INC	COM	08160H101	212,828	7,700	SH SOLE	0	7,700
BERKLEY W R CORP	COM	084423102	3,154,961	44,612	SH SOLE	0	44,612
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	142,105,470	398,434	SH SOLE	0	398,434
BERKSHIRE HILLS BANCORP INC	COM	084680107	229,727	9,252	SH SOLE	0	9,252
BERRY GLOBAL GROUP INC	COM	08579W103	1,756,183	26,060	SH SOLE	0	26,060
BEST BUY INC	COM	086516101	3,320,403	42,417	SH SOLE	0	42,417
BIO RAD LABS INC	CL A	090572207	1,480,128	4,584	SH SOLE	0	4,584
BIOGEN INC	COM	09062X103	8,211,031	31,731	SH SOLE	0	31,731
BIONTECH SE	SPONSORED ADS	09075V102	4,401,651	41,706	SH SOLE	0	41,706
BIO-TECHNE CORP	COM	09073M104	2,672,282	34,633	SH SOLE	0	34,633
BJS WHSL CLUB HLDGS INC	COM	05550J101	1,967,070	29,509	SH SOLE	0	29,509
BLACK HILLS CORP	COM	092113109	6,806,224	126,158	SH SOLE	0	126,158
BLACKBAUD INC	COM	09227Q100	824,170	9,506	SH SOLE	0	9,506

BLACKROCK INC	COM	09247X101	24,858,940	30,622 SH SOLE	0	30,622
BLACKSTONE INC	COM	09260D107	20,371,152	155,600 SH SOLE	0	155,600
BLACKSTONE MTG TR INC	COM CL A	09257W100	790,819	37,180 SH SOLE	0	37,180
BLOCK H & R INC	COM	093671105	1,536,231	31,760 SH SOLE	0	31,760
BLOOMIN BRANDS INC	COM	094235108	527,362	18,734 SH SOLE	0	18,734
BOEING CO	COM	097023105	32,460,772	124,533 SH SOLE	0	124,533
BOISE CASCADE CO DEL	COM	09739D100	1,105,122	8,543 SH SOLE	0	8,543
BOOKING HOLDINGS INC	COM	09857L108	27,100,761	7,640 SH SOLE	0	7,640
BOOT BARN HLDGS INC	COM	099406100	501,627	6,535 SH SOLE	0	6,535
BORGWARNER INC	COM	099724106	1,845,343	51,474 SH SOLE	0	51,474
BOSTON BEER INC	CL A	100557107	717,790	2,077 SH SOLE	0	2,077
BOSTON PROPERTIES INC	COM	101121101	4,219,112	60,127 SH SOLE	0	60,127
BOSTON SCIENTIFIC CORP	COM	101137107	18,536,545	320,646 SH SOLE	0	320,646
BOYD GAMING CORP	COM	103304101	959,937	15,332 SH SOLE	0	15,332
BRADY CORP	CL A	104674106	567,708	9,673 SH SOLE	0	9,673
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	367,027	67,968 SH SOLE	0	67,968
BREAD FINANCIAL HOLDINGS INC	COM	018581108	350,646	10,645 SH SOLE	0	10,645
BRIGHTHOUSE FINL INC	COM	10922N103	749,718	14,167 SH SOLE	0	14,167
BRINKER INTL INC	COM	109641100	411,678	9,534 SH SOLE	0	9,534
BRINKS CO	COM	109696104	874,311	9,941 SH SOLE	0	9,941
BRISTOL-MYERS SQUIBB CO	COM	110122108	22,863,018	445,586 SH SOLE	0	445,586
BRIXMOR PPTY GROUP INC	COM	11120U105	2,809,364	120,729 SH SOLE	0	120,729
BROADCOM INC	COM	11135F101	107,297,299	96,123 SH SOLE	0	96,123
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	5,300,737	25,763 SH SOLE	0	25,763
BROADSTONE NET LEASE INC	COM	11135E203	583,569	33,889 SH SOLE	0	33,889
BROOKLINE BANCORP INC DEL	COM	11373M107	209,221	19,177 SH SOLE	0	19,177
BROWN & BROWN INC	COM	115236101	3,678,378	51,728 SH SOLE	0	51,728
BROWN FORMAN CORP	CL B	115637209	2,287,997	40,070 SH SOLE	0	40,070
BRP INC	COM SUN VTG	05577W200	395,503	5,500 SH SOLE	0	5,500
BRUKER CORP	COM	116794108	1,503,621	20,463 SH SOLE	0	20,463
BRUNSWICK CORP	COM	117043109	1,469,052	15,184 SH SOLE	0	15,184
BUCKLE INC	COM	118440106	305,221	6,423 SH SOLE	0	6,423
BUILDERS FIRSTSOURCE INC	COM	12008R107	4,511,220	27,023 SH SOLE	0	27,023
BUNGE GLOBAL SA	COM SHS	H11356104	3,211,825	31,816 SH SOLE	0	31,816
BURFORD CAP LTD	ORD SHS	G17977110	347,350	22,266 SH SOLE	0	22,266
BURLINGTON STORES INC	COM	122017106	2,784,370	14,317 SH SOLE	0	14,317
BWX TECHNOLOGIES INC	COM	05605H100	1,548,642	20,183 SH SOLE	0	20,183
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	2,206,833	25,545 SH SOLE	0	25,545
CABLE ONE INC	COM	12685J105	558,816	1,004 SH SOLE	0	1,004
CABOT CORP	COM	127055101	1,017,865	12,190 SH SOLE	0	12,190
CACI INTL INC	CL A	127190304	1,592,096	4,916 SH SOLE	0	4,916
CADENCE BANK	COM	12740C103	1,192,684	40,307 SH SOLE	0	40,307
CADENCE DESIGN SYSTEM INC	COM	127387108	16,227,260	59,578 SH SOLE	0	59,578
CAESARS ENTERTAINMENT INC NE	COM	12769G100	2,214,517	47,238 SH SOLE	0	47,238
CAL MAINE FOODS INC	COM NEW	128030202	503,425	8,772 SH SOLE	0	8,772
CALERES INC	COM	129500104	221,533	7,209 SH SOLE	0	7,209
CALIFORNIA RES CORP	COM STOCK	13057Q305	761,091	13,919 SH SOLE	0	13,919
CALIFORNIA WTR SVC GROUP	COM	130788102	5,583,961	107,653 SH SOLE	0	107,653
CALIX INC	COM	13100M509	565,130	12,935 SH SOLE	0	12,935
CALLON PETE CO DEL	COM	13123X508	388,573	11,993 SH SOLE	0	11,993
CAMDEN PPTY TR	SH BEN INT	133131102	4,194,109	42,241 SH SOLE	0	42,241
CAMPBELL SOUP CO	COM	134429109	1,859,582	43,016 SH SOLE	0	43,016
CAMTEK LTD	ORD	M20791105	4,170,432	60,110 SH SOLE	0	60,110
CAPITAL ONE FINL CORP	COM	14040H105	10,935,539	83,401 SH SOLE	0	83,401
CAPITOL FED FINL INC	COM	14057J101	175,956	27,280 SH SOLE	0	27,280
CAPRI HOLDINGS LIMITED	SHS	G1890L107	1,288,405	25,645 SH SOLE	0	25,645
CARDINAL HEALTH INC	COM	14149Y108	5,440,478	53,973 SH SOLE	0	53,973
CARETRUST REIT INC	COM	14174T107	979,304	43,758 SH SOLE	0	43,758
CARGURUS INC	COM CL A	141788109	446,694	18,489 SH SOLE	0	18,489
CARLISLE COS INC	COM	142339100	3,356,123	10,742 SH SOLE	0	10,742
CARLYLE GROUP INC	COM	14316J108	1,943,680	47,768 SH SOLE	0	47,768
CARMAX INC	COM	143130102	2,666,408	34,746 SH SOLE	0	34,746
CARNIVAL CORP	UNIT 99/99/9999	143658300	4,090,480	220,630 SH SOLE	0	220,630
CARPENTER TECHNOLOGY CORP	COM	144285103	753,312	10,640 SH SOLE	0	10,640
CARRIER GLOBAL CORPORATION	COM	14448C104	10,555,863	183,740 SH SOLE	0	183,740
CARS COM INC	COM	14575E105	252,130	13,291 SH SOLE	0	13,291
CARTERS INC	COM	146229109	608,556	8,126 SH SOLE	0	8,126

CASEYS GEN STORES INC	COM	147528103	2,259,187	8,223 SH SOLE	0	8,223
CATALENT INC	COM	148806102	1,773,702	39,477 SH SOLE	0	39,477
CATALYST PHARMACEUTICALS INC	COM	14888U101	363,516	21,625 SH SOLE	0	21,625
CATERPILLAR INC	COM	149123101	33,030,774	111,715 SH SOLE	0	111,715
CATHAY GEN BANCORP	COM	149150104	698,724	15,677 SH SOLE	0	15,677
CAVCO INDS INC DEL	COM	149568107	579,202	1,671 SH SOLE	0	1,671
CBOE GLOBAL MKTS INC	COM	12503M108	4,127,414	23,115 SH SOLE	0	23,115
CBRE GROUP INC	CL A	12504L109	6,213,385	66,746 SH SOLE	0	66,746
CDW CORP	COM	12514G108	6,668,432	29,335 SH SOLE	0	29,335
CELANESE CORP DEL	COM	150870103	3,407,419	21,931 SH SOLE	0	21,931
CELLEBRITE DI LTD	ORDINARY SHARES	M2197Q107	572,028	66,054 SH SOLE	0	66,054
CELSIUS HLDGS INC	COM NEW	15118V207	1,783,731	32,717 SH SOLE	0	32,717
CENCORA INC	COM	03073E105	7,497,808	36,507 SH SOLE	0	36,507
CENTENE CORP DEL	COM	15135B101	8,681,308	116,983 SH SOLE	0	116,983
CENTERPOINT ENERGY INC	COM	15189T107	33,903,905	1,186,696 SH SOLE	0	1,186,696
CENTERSPACE	COM	15202L107	348,385	5,986 SH SOLE	0	5,986
CENTRAL GARDEN & PET CO	CL A NON-VTG	153527205	439,035	9,969 SH SOLE	0	9,969
CENTURY ALUM CO	COM	156431108	135,567	11,167 SH SOLE	0	11,167
CENTURY CMNTYS INC	COM	156504300	556,227	6,103 SH SOLE	0	6,103
CERIDIAN HCM HLDG INC	COM	15677J108	2,292,618	34,157 SH SOLE	0	34,157
CERTARA INC	COM	15687V109	406,505	23,110 SH SOLE	0	23,110
CF INDS HLDGS INC	COM	125269100	3,326,201	41,839 SH SOLE	0	41,839
CHAMPIONX CORPORATION	COM	15872M104	1,255,563	42,984 SH SOLE	0	42,984
CHARLES RIV LABS INTL INC	COM	159864107	2,655,481	11,233 SH SOLE	0	11,233
CHART INDS INC	COM	16115Q308	1,263,097	9,265 SH SOLE	0	9,265
CHARTER COMMUNICATIONS INC N	CL A	16119P108	8,561,454	22,027 SH SOLE	0	22,027
CHATHAM LODGING TR	COM	16208T102	113,021	10,543 SH SOLE	0	10,543
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	2,291,850	15,000 SH SOLE	0	15,000
CHEESECAKE FACTORY INC	COM	163072101	352,901	10,080 SH SOLE	0	10,080
CHEFS WHSE INC	COM	163086101	224,198	7,618 SH SOLE	0	7,618
CHEMED CORP NEW	COM	16359R103	1,943,709	3,324 SH SOLE	0	3,324
CHEMOURS CO	COM	163851108	1,033,061	32,754 SH SOLE	0	32,754
CHENIERE ENERGY INC	COM NEW	16411R208	61,568,610	360,662 SH SOLE	0	360,662
CHESAPEAKE ENERGY CORP	COM	165167735	1,891,493	24,584 SH SOLE	0	24,584
CHESAPEAKE UTILS CORP	COM	165303108	493,609	4,673 SH SOLE	0	4,673
CHEVRON CORP NEW	COM	166764100	49,887,308	334,455 SH SOLE	0	334,455
CHICOS FAS INC	COM	168615102	201,939	26,641 SH SOLE	0	26,641
CHIPOTLE MEXICAN GRILL INC	COM	169656105	13,744,630	6,010 SH SOLE	0	6,010
CHOICE HOTELS INTL INC	COM	169905106	622,470	5,494 SH SOLE	0	5,494
CHORD ENERGY CORPORATION	COM NEW	674215207	1,514,023	9,108 SH SOLE	0	9,108
CHUBB LIMITED	COM	H1467J104	20,191,518	89,343 SH SOLE	0	89,343
CHURCH & DWIGHT CO INC	COM	171340102	5,101,890	53,954 SH SOLE	0	53,954
CHURCHILL DOWNS INC	COM	171484108	2,021,386	14,981 SH SOLE	0	14,981
CIENA CORP	COM NEW	171779309	1,468,361	32,623 SH SOLE	0	32,623
CINCINNATI FINL CORP	COM	172062101	3,554,989	34,361 SH SOLE	0	34,361
CINEMARK HLDGS INC	COM	17243V102	322,548	22,892 SH SOLE	0	22,892
CINTAS CORP	COM	172908105	11,425,831	18,959 SH SOLE	0	18,959
CIRRUS LOGIC INC	COM	172755100	989,379	11,893 SH SOLE	0	11,893
CISCO SYS INC	COM	17275R102	44,812,048	887,016 SH SOLE	0	887,016
CITIGROUP INC	COM NEW	172967424	21,559,276	419,115 SH SOLE	0	419,115
CITIZENS FINL GROUP INC	COM	174610105	3,383,495	102,097 SH SOLE	0	102,097
CITY HLDG CO	COM	177835105	352,942	3,201 SH SOLE	0	3,201
CIVITAS RESOURCES INC	COM NEW	17888H103	1,287,595	18,830 SH SOLE	0	18,830
CLEAN HARBORS INC	COM	184496107	1,939,155	11,112 SH SOLE	0	11,112
CLEARWAY ENERGY INC	CL C	18539C204	676,945	24,679 SH SOLE	0	24,679
CLEVELAND-CLIFFS INC NEW	COM	185899101	2,274,829	111,402 SH SOLE	0	111,402
CLOROX CO DEL	COM	189054109	3,872,031	27,155 SH SOLE	0	27,155
CME GROUP INC	COM	12572Q105	16,602,230	78,833 SH SOLE	0	78,833
CMS ENERGY CORP	COM	125896100	31,767,948	547,063 SH SOLE	0	547,063
CNO FINL GROUP INC	COM	12621E103	690,553	24,751 SH SOLE	0	24,751
CNX RES CORP	COM	12653C108	701,040	35,052 SH SOLE	0	35,052
COCA COLA CO	COM	191216100	50,213,899	852,094 SH SOLE	0	852,094
COCA COLA CONS INC	COM	191098102	959,966	1,034 SH SOLE	0	1,034
COCA-COLA EUROPACIFIC PARTNE	SHS	G25839104	3,872,789	58,028 SH SOLE	0	58,028
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	5,502,180	72,340 SH SOLE	0	72,340
COGNEX CORP	COM	192422103	1,585,494	37,985 SH SOLE	0	37,985
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	8,293,421	109,803 SH SOLE	0	109,803

COHERENT CORP	COM	19247G107	1,265,852	29,080	SH SOLE	0	29,080
COHU INC	COM	192576106	362,783	10,251	SH SOLE	0	10,251
COLGATE PALMOLIVE CO	COM	194162103	14,372,351	180,308	SH SOLE	0	180,308
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	216,599	7,037	SH SOLE	0	7,037
COLUMBIA BKG SYS INC	COM	197236102	1,227,920	46,024	SH SOLE	0	46,024
COLUMBIA SPORTSWEAR CO	COM	198516106	605,299	7,610	SH SOLE	0	7,610
COMCAST CORP NEW	CL A	20030N101	38,560,462	879,372	SH SOLE	0	879,372
COMERICA INC	COM	200340107	1,611,681	28,878	SH SOLE	0	28,878
COMFORT SYS USA INC	COM	199908104	1,620,885	7,881	SH SOLE	0	7,881
COMMERCE BANCSHARES INC	COM	200525103	1,399,556	26,204	SH SOLE	0	26,204
COMMERCIAL METALS CO	COM	201723103	1,290,832	25,796	SH SOLE	0	25,796
COMMUNITY BK SYS INC	COM	203607106	600,307	11,520	SH SOLE	0	11,520
COMMUNITY HEALTHCARE TR INC	COM	20369C106	273,912	10,282	SH SOLE	0	10,282
COMMVAULT SYS INC	COM	204166102	771,591	9,663	SH SOLE	0	9,663
COMSTOCK RES INC	COM	205768302	175,469	19,827	SH SOLE	0	19,827
CONAGRA BRANDS INC	COM	205887102	2,999,814	104,669	SH SOLE	0	104,669
CONCENTRIX CORP	COM	20602D101	1,024,723	10,434	SH SOLE	0	10,434
CONMED CORP	COM	207410101	726,708	6,636	SH SOLE	0	6,636
CONOCOPHILLIPS	COM	20825C104	30,181,334	260,027	SH SOLE	0	260,027
CONSOL ENERGY INC NEW	COM	20854L108	605,492	6,023	SH SOLE	0	6,023
CONSOLIDATED COMM HLDGS INC	COM	209034107	69,983	16,088	SH SOLE	0	16,088
CONSOLIDATED EDISON INC	COM	209115104	59,325,449	652,143	SH SOLE	0	652,143
CONSTELLATION BRANDS INC	CL A	21036P108	8,556,258	35,393	SH SOLE	0	35,393
CONSTELLATION ENERGY CORP	COM	21037T109	8,175,287	69,940	SH SOLE	0	69,940
CONSTELLIUM SE	CL A SHS	F21107101	4,890,200	245,000	SH SOLE	0	245,000
COOPER COS INC	COM NEW	216648402	4,104,182	10,845	SH SOLE	0	10,845
COPA HOLDINGS SA	CL A	P31076105	6,396,354	60,167	SH SOLE	0	60,167
COPART INC	COM	217204106	9,375,856	191,344	SH SOLE	0	191,344
COPT DEFENSE PROPERTIES	SHS BEN INT	22002T108	1,157,502	45,162	SH SOLE	0	45,162
CORCEPT THERAPEUTICS INC	COM	218352102	632,483	19,473	SH SOLE	0	19,473
CORE & MAIN INC	CL A	21874C102	1,218,685	30,158	SH SOLE	0	30,158
CORE LABORATORIES INC	COM	21867A105	178,066	10,083	SH SOLE	0	10,083
CORECIVIC INC	COM	21871N101	356,203	24,515	SH SOLE	0	24,515
CORNING INC	COM	219350105	5,120,198	168,151	SH SOLE	0	168,151
CORTEVA INC	COM	22052L104	7,395,302	154,326	SH SOLE	0	154,326
CORVEL CORP	COM	221006109	483,543	1,956	SH SOLE	0	1,956
COSTAR GROUP INC	COM	22160N109	7,814,938	89,426	SH SOLE	0	89,426
COSTCO WHSL CORP NEW	COM	22160K105	63,998,056	96,955	SH SOLE	0	96,955
COTERRA ENERGY INC	COM	127097103	4,203,654	164,720	SH SOLE	0	164,720
COTY INC	COM CL A	222070203	1,026,352	82,637	SH SOLE	0	82,637
COUPANG INC	CL A	22266T109	6,138,892	379,178	SH SOLE	0	379,178
COUSINS PPTYS INC	COM NEW	222795502	1,485,058	60,988	SH SOLE	0	60,988
CRACKER BARREL OLD CTRY STOR	COM	22410J106	368,597	4,782	SH SOLE	0	4,782
CRANE COMPANY	COMMON STOCK	224408104	1,273,431	10,779	SH SOLE	0	10,779
CRANE NXT CO	COM	224441105	605,836	10,653	SH SOLE	0	10,653
CREDICORP LTD	COM	G2519Y108	349,187	2,329	SH SOLE	0	2,329
CRH PLC		G25508105	7,825,316	113,148	SH SOLE	0	113,148
CRITEO S A	SPONS ADS	226718104	1,401,487	55,351	SH SOLE	0	55,351
CROCS INC	COM	227046109	1,248,425	13,365	SH SOLE	0	13,365
CROWN CASTLE INC	COM	22822V101	83,319,461	723,322	SH SOLE	0	723,322
CROWN HLDGS INC	COM	228368106	2,451,620	26,622	SH SOLE	0	26,622
CSG SYS INTL INC	COM	126349109	326,124	6,129	SH SOLE	0	6,129
CSX CORP	COM	126408103	57,850,085	1,668,592	SH SOLE	0	1,668,592
CTS CORP	COM	126501105	294,108	6,724	SH SOLE	0	6,724
CUBESMART	COM	229663109	4,183,968	90,269	SH SOLE	0	90,269
CULLEN FROST BANKERS INC	COM	229899109	1,533,289	14,133	SH SOLE	0	14,133
CUMMINS INC	COM	231021106	7,436,253	31,040	SH SOLE	0	31,040
CURTISS WRIGHT CORP	COM	231561101	1,879,902	8,438	SH SOLE	0	8,438
CUSHMAN WAKEFIELD PLC	SHS	G2717B108	391,921	36,289	SH SOLE	0	36,289
CUSTOMERS BANCORP INC	COM	23204G100	351,540	6,101	SH SOLE	0	6,101
CVB FINL CORP	COM	126600105	576,727	28,565	SH SOLE	0	28,565
CVS HEALTH CORP	COM	126650100	22,208,842	281,267	SH SOLE	0	281,267
CYBERARK SOFTWARE LTD	SHS	M2682V108	10,809,679	49,348	SH SOLE	0	49,348
CYTEK BIOSCIENCES INC	COM	23285D109	194,730	21,352	SH SOLE	0	21,352
CYTOKINETICS INC	COM NEW	23282W605	1,766,565	21,159	SH SOLE	0	21,159
D R HORTON INC	COM	23331A109	10,029,920	65,995	SH SOLE	0	65,995
DANA INC	COM	235825205	405,004	27,721	SH SOLE	0	27,721

DANAHER CORPORATION	COM	235851102	33,316,661	144,016	SH SOLE	0	144,016
DARDEN RESTAURANTS INC	COM	237194105	4,328,812	26,347	SH SOLE	0	26,347
DARLING INGREDIENTS INC	COM	237266101	1,754,468	35,202	SH SOLE	0	35,202
DAVE & BUSTERS ENTMT INC	COM	238337109	399,244	7,414	SH SOLE	0	7,414
DAVITA INC	COM	23918K108	1,235,749	11,796	SH SOLE	0	11,796
DECKERS OUTDOOR CORP	COM	243537107	3,795,346	5,678	SH SOLE	0	5,678
DEERE & CO	COM	244199105	23,453,975	58,654	SH SOLE	0	58,654
DELTA AIR LINES INC DEL	COM NEW	247361702	5,668,809	140,910	SH SOLE	0	140,910
DELUXE CORP	COM	248019101	202,252	9,429	SH SOLE	0	9,429
DENTSPLY SIRONA INC	COM	24906P109	1,651,198	46,395	SH SOLE	0	46,395
DEVON ENERGY CORP NEW	COM	25179M103	6,355,817	140,305	SH SOLE	0	140,305
DEXCOM INC	COM	252131107	10,499,379	84,611	SH SOLE	0	84,611
DHT HOLDINGS INC	SHS NEW	Y2065G121	906,081	92,363	SH SOLE	0	92,363
DIAMONDBACK ENERGY INC	COM	25278X109	6,078,361	39,195	SH SOLE	0	39,195
DIAMONDROCK HOSPITALITY CO	COM	252784301	782,525	83,336	SH SOLE	0	83,336
DICKS SPORTING GOODS INC	COM	253393102	1,992,642	13,560	SH SOLE	0	13,560
DIGI INTL INC	COM	253798102	201,812	7,762	SH SOLE	0	7,762
DIGITAL RLTY TR INC	COM	253868103	16,317,421	121,247	SH SOLE	0	121,247
DIGITAL TURBINE INC	COM NEW	25400W102	134,971	19,675	SH SOLE	0	19,675
DIME CMNTY BANCSHARES INC	COM	25432X102	203,052	7,540	SH SOLE	0	7,540
DIODES INC	COM	254543101	798,195	9,913	SH SOLE	0	9,913
DISCOVER FINL SVCS	COM	254709108	6,154,912	54,759	SH SOLE	0	54,759
DISH NETWORK CORPORATION	CL A	25470M109	309,537	53,646	SH SOLE	0	53,646
DISNEY WALT CO	COM	254687106	36,179,022	400,698	SH SOLE	0	400,698
DLOCAL LTD	CLASS A COM	G29018101	3,574,194	202,046	SH SOLE	0	202,046
DOCUSIGN INC	NOTE	256163AD8	7,592,003	7,630,000	SH SOLE	0	7,630,000
DOLBY LABORATORIES INC	COM CL A	25659T107	1,132,491	13,141	SH SOLE	0	13,141
DOLE PLC	ORD SHS	G27907107	382,465	31,120	SH SOLE	0	31,120
DOLLAR GEN CORP NEW	COM	256677105	6,534,029	48,062	SH SOLE	0	48,062
DOLLAR TREE INC	COM	256746108	6,501,629	45,770	SH SOLE	0	45,770
DOMINION ENERGY INC	COM	25746U109	73,904,727	1,572,441	SH SOLE	0	1,572,441
DOMINOS PIZZA INC	COM	25754A201	3,148,613	7,638	SH SOLE	0	7,638
DONALDSON INC	COM	257651109	1,740,271	26,630	SH SOLE	0	26,630
DONNELLEY FINL SOLUTIONS INC	COM	25787G100	332,931	5,338	SH SOLE	0	5,338
DORIAN LPG LTD	SHS USD	Y2106R110	322,927	7,361	SH SOLE	0	7,361
DORMAN PRODS INC	COM	258278100	510,052	6,115	SH SOLE	0	6,115
DOUBLEVERIFY HLDGS INC	COM	25862V105	1,106,306	30,079	SH SOLE	0	30,079
DOUGLAS EMMETT INC	COM	25960P109	943,240	65,051	SH SOLE	0	65,051
DOUYU INTL HLDGS LTD	SPONSORED ADS	25985W105	88,707	93,376	SH SOLE	0	93,376
DOVER CORP	COM	260003108	4,711,816	30,634	SH SOLE	0	30,634
DOW INC	COM	260557103	8,423,259	153,597	SH SOLE	0	153,597
DOXIMITY INC	CL A	26622P107	731,087	26,073	SH SOLE	0	26,073
DROPBOX INC	CL A	26210C104	1,666,475	56,529	SH SOLE	0	56,529
DT MIDSTREAM INC	COMMON STOCK	23345M107	1,171,734	21,382	SH SOLE	0	21,382
DTE ENERGY CO	COM	233331107	4,978,239	45,150	SH SOLE	0	45,150
DUKE ENERGY CORP NEW	COM NEW	26441C204	140,716,054	1,450,083	SH SOLE	0	1,450,083
DUPONT DE NEMOURS INC	COM	26614N102	7,244,806	94,174	SH SOLE	0	94,174
DXC TECHNOLOGY CO	COM	23355L106	955,669	41,787	SH SOLE	0	41,787
DYCOM INDS INC	COM	267475101	728,520	6,330	SH SOLE	0	6,330
DYNATRACE INC	COM NEW	268150109	2,877,678	52,618	SH SOLE	0	52,618
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	389,944	27,893	SH SOLE	0	27,893
E L F BEAUTY INC	COM	26856L103	1,719,234	11,911	SH SOLE	0	11,911
EAGLE MATLS INC	COM	26969P108	1,561,462	7,698	SH SOLE	0	7,698
EAST WEST BANCORP INC	COM	27579R104	2,237,429	31,097	SH SOLE	0	31,097
EASTERLY GOVT PPTYS INC	COM	27616P103	508,314	37,821	SH SOLE	0	37,821
EASTGROUP PPTYS INC	COM	277276101	3,402,281	18,537	SH SOLE	0	18,537
EASTMAN CHEM CO	COM	277432100	2,332,086	25,964	SH SOLE	0	25,964
EATON CORP PLC	SHS	G29183103	21,057,782	87,442	SH SOLE	0	87,442
EBAY INC.	COM	278642103	4,957,587	113,654	SH SOLE	0	113,654
ECOLAB INC	COM	278865100	11,022,905	55,573	SH SOLE	0	55,573
EDGEWELL PERS CARE CO	COM	28035Q102	401,648	10,965	SH SOLE	0	10,965
EDISON INTL	COM	281020107	50,896,019	711,932	SH SOLE	0	711,932
EDWARDS LIFESCIENCES CORP	COM	28176E108	10,127,220	132,816	SH SOLE	0	132,816
ELECTRONIC ARTS INC	COM	285512109	17,593,629	128,599	SH SOLE	0	128,599
ELEVANCE HEALTH INC	COM	036752103	24,263,177	51,453	SH SOLE	0	51,453
ELI LILLY & CO	COM	532457108	101,791,822	174,624	SH SOLE	0	174,624
ELLINGTON FINANCIAL INC	COM	28852N109	215,295	16,939	SH SOLE	0	16,939

ELME COMMUNITIES	SH BEN INT	939653101	509,219	34,878	SH SOLE	0	34,878
EMBECTA CORP	COMMON STOCK	29082K105	234,107	12,367	SH SOLE	0	12,367
EMCOR GROUP INC	COM	29084Q100	2,236,379	10,381	SH SOLE	0	10,381
EMERSON ELEC CO	COM	291011104	12,151,067	124,844	SH SOLE	0	124,844
EMPIRE ST RLTY TR INC	CL A	292104106	231,891	23,931	SH SOLE	0	23,931
EMPLOYERS HLDGS INC	COM	292218104	218,670	5,550	SH SOLE	0	5,550
ENCOMPASS HEALTH CORP	COM	29261A100	1,475,646	22,117	SH SOLE	0	22,117
ENCORE CAP GROUP INC	COM	292554102	257,658	5,077	SH SOLE	0	5,077
ENCORE WIRE CORP	COM	292562105	727,094	3,404	SH SOLE	0	3,404
ENDAVA PLC	ADS	29260V105	9,019,312	115,855	SH SOLE	0	115,855
ENERGIZER HLDGS INC NEW	COM	29272W109	454,481	14,346	SH SOLE	0	14,346
ENERPAC TOOL GROUP CORP	CL A COM	292765104	364,592	11,727	SH SOLE	0	11,727
ENERSYS	COM	29275Y102	899,957	8,914	SH SOLE	0	8,914
ENHABIT INC	COM	29332G102	111,966	10,818	SH SOLE	0	10,818
ENOVA INTL INC	COM	29357K103	356,795	6,445	SH SOLE	0	6,445
ENOVIS CORPORATION	COM	194014502	614,091	10,962	SH SOLE	0	10,962
ENPHASE ENERGY INC	COM	29355A107	3,951,382	29,903	SH SOLE	0	29,903
ENPRO INC	COM	29355X107	707,211	4,512	SH SOLE	0	4,512
ENSIGN GROUP INC	COM	29358P101	1,366,942	12,182	SH SOLE	0	12,182
ENTERGY CORP NEW	COM	29364G103	40,269,370	397,958	SH SOLE	0	397,958
ENVESTNET INC	COM	29404K106	531,498	10,733	SH SOLE	0	10,733
ENVIRI CORP	COM	415864107	155,052	17,228	SH SOLE	0	17,228
ENVISTA HOLDINGS CORPORATION	COM	29415F104	909,973	37,821	SH SOLE	0	37,821
EOG RES INC	COM	26875P101	15,445,557	127,702	SH SOLE	0	127,702
EPAM SYS INC	COM	29414B104	3,757,188	12,636	SH SOLE	0	12,636
EPLUS INC	COM	294268107	464,030	5,812	SH SOLE	0	5,812
EPR PPTYS	COM SH BEN INT	26884U109	1,458,781	30,109	SH SOLE	0	30,109
EQT CORP	COM	26884L109	3,482,338	90,076	SH SOLE	0	90,076
EQUIFAX INC	COM	294429105	6,672,626	26,983	SH SOLE	0	26,983
EQUINIX INC	COM	29444U700	30,234,341	37,540	SH SOLE	0	37,540
EQUITABLE HLDGS INC	COM	29452E101	2,337,960	70,209	SH SOLE	0	70,209
EQUITRANS MIDSTREAM CORP	COM	294600101	973,239	95,603	SH SOLE	0	95,603
EQUITY LIFESTYLE PPTYS INC	COM	29472R108	5,179,117	73,421	SH SOLE	0	73,421
EQUITY RESIDENTIAL	SH BEN INT	29476L107	8,775,910	143,491	SH SOLE	0	143,491
ERIE INDTY CO	CL A	29530P102	1,843,400	5,504	SH SOLE	0	5,504
ESAB CORPORATION	COM	29605J106	1,082,837	12,501	SH SOLE	0	12,501
ESCO TECHNOLOGIES INC	COM	296315104	651,155	5,564	SH SOLE	0	5,564
ESH ACQUISITION CORP	COM	296424104	2,568,760	250,978	SH SOLE	0	250,978
ESSENT GROUP LTD	COM	G3198U102	1,242,396	23,557	SH SOLE	0	23,557
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	1,579,250	61,786	SH SOLE	0	61,786
ESSENTIAL UTILS INC	COM	29670G102	17,130,279	458,642	SH SOLE	0	458,642
ESSEX PPTY TR INC	COM	297178105	6,362,388	25,661	SH SOLE	0	25,661
ETSY INC	COM	29786A106	2,125,374	26,223	SH SOLE	0	26,223
EURONET WORLDWIDE INC	COM	298736109	981,205	9,668	SH SOLE	0	9,668
EVERCORE INC	CLASS A	29977A105	1,308,190	7,648	SH SOLE	0	7,648
EVEREST GROUP LTD	COM	G3223R108	3,360,424	9,504	SH SOLE	0	9,504
EVERGY INC	COM	30034W106	21,933,761	420,187	SH SOLE	0	420,187
EVERSOURCE ENERGY	COM	30040W108	40,466,286	655,643	SH SOLE	0	655,643
EVERTEC INC	COM	30040P103	581,266	14,198	SH SOLE	0	14,198
EXELIXIS INC	COM	30161Q104	1,646,170	68,619	SH SOLE	0	68,619
EXELON CORP	COM	30161N101	67,131,456	1,869,957	SH SOLE	0	1,869,957
EXLSERVICE HOLDINGS INC	COM	302081104	1,122,693	36,392	SH SOLE	0	36,392
EXP WORLD HLDGS INC	COM	30212W100	257,539	16,594	SH SOLE	0	16,594
EXPEDIA GROUP INC	COM NEW	30212P303	4,431,661	29,196	SH SOLE	0	29,196
EXPEDITORS INTL WASH INC	COM	302130109	4,049,794	31,838	SH SOLE	0	31,838
EXPONENT INC	COM	30214U102	983,407	11,170	SH SOLE	0	11,170
EXTRA SPACE STORAGE INC	COM	30225T102	13,514,536	84,292	SH SOLE	0	84,292
EXTREME NETWORKS	COM	30226D106	493,391	27,970	SH SOLE	0	27,970
EXXON MOBIL CORP	COM	30231G102	82,702,556	827,191	SH SOLE	0	827,191
EZCORP INC	CL A NON VTG	30230I106	98,264	11,243	SH SOLE	0	11,243
F N B CORP	COM	302520101	1,090,281	79,178	SH SOLE	0	79,178
F5 INC	COM	315616102	2,340,164	13,075	SH SOLE	0	13,075
FABRINET	SHS	G3323L100	3,054,797	16,050	SH SOLE	0	16,050
FACTSET RESH SYS INC	COM	303075105	3,968,579	8,319	SH SOLE	0	8,319
FAIR ISAAC CORP	COM	303250104	6,299,622	5,412	SH SOLE	0	5,412
FASTENAL CO	COM	311900104	8,104,800	125,132	SH SOLE	0	125,132
FB FINL CORP	COM	30257X104	302,103	7,581	SH SOLE	0	7,581

FEDERAL RLTY INVT TR NEW	SH BEN INT NEW	313745101	3,171,879	30,780	SH SOLE	0	30,780
FEDERAL SIGNAL CORP	COM	313855108	1,008,978	13,148	SH SOLE	0	13,148
FEDERATED HERMES INC	CL B	314211103	644,390	19,031	SH SOLE	0	19,031
FEDEX CORP	COM	31428X106	12,813,689	50,653	SH SOLE	0	50,653
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	2,910,742	57,051	SH SOLE	0	57,051
FIDELITY NATL INFORMATION SV	COM	31620M106	7,793,842	129,746	SH SOLE	0	129,746
FIFTH THIRD BANCORP	COM	316773100	5,143,632	149,134	SH SOLE	0	149,134
FINVOLUTION GROUP	SPONSORED ADS	31810T101	1,178,798	240,571	SH SOLE	0	240,571
FIRST AMERN FINL CORP	COM	31847R102	1,467,170	22,768	SH SOLE	0	22,768
FIRST BANCORP N C	COM	318910106	328,168	8,867	SH SOLE	0	8,867
FIRST BANCORP P R	COM NEW	318672706	612,516	37,235	SH SOLE	0	37,235
FIRST COMWLTH FINL CORP PA	COM	319829107	340,220	22,035	SH SOLE	0	22,035
FIRST FINL BANCORP OH	COM	320209109	487,516	20,527	SH SOLE	0	20,527
FIRST FINL BANKSHARES INC	COM	32020R109	858,732	28,341	SH SOLE	0	28,341
FIRST HAWAIIAN INC	COM	32051X108	629,519	27,538	SH SOLE	0	27,538
FIRST HORIZON CORPORATION	COM	320517105	1,745,886	123,297	SH SOLE	0	123,297
FIRST INDL RLTY TR INC	COM	32054K103	2,800,727	53,175	SH SOLE	0	53,175
FIRST SOLAR INC	COM	336433107	4,030,835	23,397	SH SOLE	0	23,397
FIRSTCASH HOLDINGS INC	COM	33768G107	884,679	8,162	SH SOLE	0	8,162
FIRSTENERGY CORP	COM	337932107	37,314,344	1,017,849	SH SOLE	0	1,017,849
FISERV INC	COM	337738108	17,459,560	131,433	SH SOLE	0	131,433
FIVE BELOW INC	COM	33829M101	2,619,310	12,288	SH SOLE	0	12,288
FIVERR INTL LTD	NOTE	33835LAA3	301,954	340,000	SH SOLE	0	340,000
FLEETCOR TECHNOLOGIES INC	COM	339041105	4,468,629	15,812	SH SOLE	0	15,812
FLOOR & DECOR HLDGS INC	CL A	339750101	2,623,445	23,516	SH SOLE	0	23,516
FLOWERS FOODS INC	COM	343498101	954,266	42,393	SH SOLE	0	42,393
FLOWSERVE CORP	COM	34354P105	1,193,401	28,952	SH SOLE	0	28,952
FLUOR CORP NEW	COM	343412102	1,472,596	37,595	SH SOLE	0	37,595
FMC CORP	COM NEW	302491303	1,722,589	27,321	SH SOLE	0	27,321
FOOT LOCKER INC	COM	344849104	550,639	17,677	SH SOLE	0	17,677
FORD MTR CO DEL	COM	345370860	10,496,553	861,079	SH SOLE	0	861,079
FORMFACTOR INC	COM	346375108	700,645	16,798	SH SOLE	0	16,798
FORTINET INC	COM	34959E109	8,169,325	139,575	SH SOLE	0	139,575
FORTIVE CORP	COM	34959J108	5,666,491	76,959	SH SOLE	0	76,959
FORTREA HLDGS INC	COMMON STOCK	34965K107	668,754	19,162	SH SOLE	0	19,162
FORTUNE BRANDS INNOVATIONS I	COM	34964C106	2,118,519	27,824	SH SOLE	0	27,824
FORWARD AIR CORP	COM	349853101	348,174	5,538	SH SOLE	0	5,538
FOUR CORNERS PPTY TR INC	COM	35086T109	907,056	35,852	SH SOLE	0	35,852
FOX CORP	CL A COM	35137L105	1,606,304	54,139	SH SOLE	0	54,139
FOX CORP	CL B COM	35137L204	798,809	28,890	SH SOLE	0	28,890
FOX FACTORY HLDG CORP	COM	35138V102	631,073	9,352	SH SOLE	0	9,352
FRANKLIN BSP RLTY TR INC	COMMON STOCK	35243J101	239,262	17,710	SH SOLE	0	17,710
FRANKLIN ELEC INC	COM	353514102	827,324	8,560	SH SOLE	0	8,560
FRANKLIN RESOURCES INC	COM	354613101	1,839,086	61,735	SH SOLE	0	61,735
FREEPORT-MCMORAN INC	CL B	35671D857	13,367,917	314,022	SH SOLE	0	314,022
FRONTDOOR INC	COM	35905A109	605,115	17,181	SH SOLE	0	17,181
FRONTIER COMMUNICATIONS PARE	COM	35909D109	1,236,744	48,806	SH SOLE	0	48,806
FRONTLINE PLC	COM	M46528101	1,025,297	51,137	SH SOLE	0	51,137
FTI CONSULTING INC	COM	302941109	1,560,539	7,836	SH SOLE	0	7,836
FULLER H B CO	COM	359694106	948,996	11,657	SH SOLE	0	11,657
FULTON FINL CORP PA	COM	360271100	583,194	35,431	SH SOLE	0	35,431
FUTU HLDGS LTD	SPON ADS CL A	36118L106	488,283	8,938	SH SOLE	0	8,938
G III APPAREL GROUP LTD	COM	36237H101	298,378	8,781	SH SOLE	0	8,781
GALLAGHER ARTHUR J & CO	COM	363576109	10,632,102	47,279	SH SOLE	0	47,279
GAMESTOP CORP NEW	CL A	36467W109	1,039,038	59,272	SH SOLE	0	59,272
GAMING & LEISURE PPTYS INC	COM	36467J108	5,202,329	105,417	SH SOLE	0	105,417
GAP INC	COM	364760108	989,838	47,338	SH SOLE	0	47,338
GARMIN LTD	SHS	H2906T109	4,308,532	33,519	SH SOLE	0	33,519
GARTNER INC	COM	366651107	7,700,448	17,070	SH SOLE	0	17,070
GATX CORP	COM	361448103	941,683	7,833	SH SOLE	0	7,833
GE HEALTHCARE TECHNOLOGIES I	COMMON STOCK	36266G107	6,629,030	85,735	SH SOLE	0	85,735
GEN DIGITAL INC	COM	668771108	2,817,608	123,471	SH SOLE	0	123,471
GENERAC HLDGS INC	COM	368736104	1,738,666	13,453	SH SOLE	0	13,453
GENERAL DYNAMICS CORP	COM	369550108	12,880,151	49,602	SH SOLE	0	49,602
GENERAL ELECTRIC CO	COM NEW	369604301	30,419,589	238,342	SH SOLE	0	238,342
GENERAL MLS INC	COM	370334104	8,291,866	127,293	SH SOLE	0	127,293
GENERAL MTRS CO	COM	37045V100	10,772,372	299,899	SH SOLE	0	299,899

GENPACT LIMITED	SHS	G3922B107	1,278,300	36,828	SH SOLE	0	36,828
GENTEX CORP	COM	371901109	1,680,978	51,469	SH SOLE	0	51,469
GENTHERM INC	COM	37253A103	370,552	7,077	SH SOLE	0	7,077
GENUINE PARTS CO	COM	372460105	4,252,089	30,701	SH SOLE	0	30,701
GENWORTH FINL INC	COM CL A	37247D106	650,118	97,323	SH SOLE	0	97,323
GEO GROUP INC NEW	COM	36162J106	285,208	26,335	SH SOLE	0	26,335
GETTY RLTY CORP NEW	COM	374297109	553,807	18,953	SH SOLE	0	18,953
GIBRALTAR INDS INC	COM	374689107	518,741	6,568	SH SOLE	0	6,568
GILEAD SCIENCES INC	COM	375558103	22,104,956	272,867	SH SOLE	0	272,867
GLACIER BANCORP INC NEW	COM	37637Q105	1,010,935	24,466	SH SOLE	0	24,466
GLAUKOS CORP	COM	377322102	835,678	10,513	SH SOLE	0	10,513
GLOBAL E ONLINE LTD	SHS	M5216V106	570,672	14,400	SH SOLE	0	14,400
GLOBAL NET LEASE INC	COM NEW	379378201	771,254	77,513	SH SOLE	0	77,513
GLOBAL PMTS INC	COM	37940X102	7,241,794	57,022	SH SOLE	0	57,022
GLOBANT S A	COM	L44385109	25,885,085	108,770	SH SOLE	0	108,770
GLOBE LIFE INC	COM	37959E102	2,282,980	18,756	SH SOLE	0	18,756
GLOBUS MED INC	CL A	379577208	1,356,497	25,455	SH SOLE	0	25,455
GMS INC	COM	36251C103	722,087	8,760	SH SOLE	0	8,760
GODADDY INC	CL A	380237107	3,298,816	31,074	SH SOLE	0	31,074
GOGO INC	COM	38046C109	135,185	13,345	SH SOLE	0	13,345
GOLDMAN SACHS GROUP INC	COM	38141G104	27,549,379	71,414	SH SOLE	0	71,414
GOODYEAR TIRE & RUBR CO	COM	382550101	895,959	62,567	SH SOLE	0	62,567
GOOSEHEAD INS INC	COM CL A	38267D109	399,921	5,276	SH SOLE	0	5,276
GORES HOLDINGS IX INC	CLASS A COM	38287A101	2,100,000	200,000	SH SOLE	0	200,000
GRAB HOLDINGS LIMITED	CLASS A ORD	G4124C109	1,027,338	304,848	SH SOLE	0	304,848
GRACO INC	COM	384109104	3,231,376	37,245	SH SOLE	0	37,245
GRAHAM HLDGS CO	COM CL B	384637104	550,251	790	SH SOLE	0	790
GRAINGER W W INC	COM	384802104	8,016,747	9,674	SH SOLE	0	9,674
GRAND CANYON ED INC	COM	38526M106	861,165	6,522	SH SOLE	0	6,522
GRANITE CONSTR INC	COM	387328107	482,153	9,480	SH SOLE	0	9,480
GRAPHIC PACKAGING HLDG CO	COM	388689101	1,664,688	67,533	SH SOLE	0	67,533
GREEN BRICK PARTNERS INC	COM	392709101	284,839	5,484	SH SOLE	0	5,484
GREEN PLAINS INC	COM	393222104	323,875	12,842	SH SOLE	0	12,842
GREENBRIER COS INC	COM	393657101	296,536	6,712	SH SOLE	0	6,712
GREIF INC	CL A	397624107	368,681	5,621	SH SOLE	0	5,621
GRIFFON CORP	COM	398433102	538,615	8,837	SH SOLE	0	8,837
GROCERY OUTLET HLDG CORP	COM	39874R101	590,559	21,905	SH SOLE	0	21,905
GROUP 1 AUTOMOTIVE INC	COM	398905109	909,039	2,983	SH SOLE	0	2,983
GXO LOGISTICS INCORPORATED	COMMON STOCK	36262G101	1,605,328	26,248	SH SOLE	0	26,248
HAEMONETICS CORP MASS	COM	405024100	957,455	11,197	SH SOLE	0	11,197
HAIN CELESTIAL GROUP INC	COM	405217100	211,970	19,358	SH SOLE	0	19,358
HALLIBURTON CO	COM	406216101	7,085,581	196,005	SH SOLE	0	196,005
HALOZYME THERAPEUTICS INC	COM	40637H109	1,077,347	29,149	SH SOLE	0	29,149
HANCOCK WHITNEY CORPORATION	COM	410120109	923,696	19,010	SH SOLE	0	19,010
HANESBRANDS INC	COM	410345102	336,891	75,536	SH SOLE	0	75,536
HANNON ARMSTRONG SUST INFR C	COM	41068X100	661,617	23,989	SH SOLE	0	23,989
HANOVER INS GROUP INC	COM	410867105	958,125	7,891	SH SOLE	0	7,891
HARLEY DAVIDSON INC	COM	412822108	1,030,231	27,965	SH SOLE	0	27,965
HARMONIC INC	COM	413160102	315,698	24,210	SH SOLE	0	24,210
HARMONY BIOSCIENCES HLDGS IN	COM	413197104	228,619	7,078	SH SOLE	0	7,078
HARTFORD FINL SVCS GROUP INC	COM	416515104	5,294,229	65,865	SH SOLE	0	65,865
HASBRO INC	COM	418056107	1,458,274	28,560	SH SOLE	0	28,560
HAWAIIAN ELEC INDUSTRIES	COM	419870100	2,581,970	181,957	SH SOLE	0	181,957
HAWKINS INC	COM	420261109	287,454	4,082	SH SOLE	0	4,082
HAYMAKER ACQUISITION CORP IV		G4375F108	2,568,750	250,000	SH SOLE	0	250,000
HAYWARD HLDGS INC	COM	421298100	370,029	27,208	SH SOLE	0	27,208
HCA HEALTHCARE INC	COM	40412C101	11,740,745	43,375	SH SOLE	0	43,375
HDFC BANK LTD	SPONSORED ADS	40415F101	15,643,945	233,109	SH SOLE	0	233,109
HEALTHCARE RLTY TR	CL A COM	42226K105	2,637,448	153,073	SH SOLE	0	153,073
HEALTHCARE SVCS GROUP INC	COM	421906108	165,256	15,936	SH SOLE	0	15,936
HEALTHEQUITY INC	COM	42226A107	1,252,739	18,895	SH SOLE	0	18,895
HEALTHPEAK PROPERTIES INC	COM	42250P103	4,341,427	219,264	SH SOLE	0	219,264
HELEN OF TROY LTD	COM	G4388N106	632,924	5,239	SH SOLE	0	5,239
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	314,270	30,571	SH SOLE	0	30,571
HELLO GROUP INC	ADS	423403104	650,464	93,592	SH SOLE	0	93,592
HELMERICH & PAYNE INC	COM	423452101	777,136	21,456	SH SOLE	0	21,456
HENRY JACK & ASSOC INC	COM	426281101	2,606,063	15,948	SH SOLE	0	15,948

HENRY SCHEIN INC	COM	806407102	2,165,003	28,596	SH SOLE	0	28,596
HERBALIFE LTD	NOTE 2.625% 3/1	42703MAD5	2,155,503	2,185,000	SH SOLE	0	2,185,000
HERSHEY CO	COM	427866108	6,119,520	32,823	SH SOLE	0	32,823
HERTZ GLOBAL HLDGS INC	COM NEW	42806J700	303,450	29,206	SH SOLE	0	29,206
HESS CORP	COM	42809H107	15,759,139	109,317	SH SOLE	0	109,317
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	4,770,208	280,931	SH SOLE	0	280,931
HEXCEL CORP NEW	COM	428291108	1,368,800	18,560	SH SOLE	0	18,560
HF SINCLAIR CORP	COM	403949100	1,919,666	34,545	SH SOLE	0	34,545
HIGHWOODS PPTYS INC	COM	431284108	957,776	41,715	SH SOLE	0	41,715
HILLENBRAND INC	COM	431571108	721,913	15,087	SH SOLE	0	15,087
HILLTOP HOLDINGS INC	COM	432748101	351,572	9,985	SH SOLE	0	9,985
HILTON GRAND VACATIONS INC	COM	43283X105	631,871	15,726	SH SOLE	0	15,726
HILTON WORLDWIDE HLDGS INC	COM	43300A203	10,225,628	56,157	SH SOLE	0	56,157
HNI CORP	COM	404251100	420,433	10,051	SH SOLE	0	10,051
HOLOGIC INC	COM	436440101	3,832,507	53,639	SH SOLE	0	53,639
HOME BANCSHARES INC	COM	436893200	1,048,814	41,406	SH SOLE	0	41,406
HOME DEPOT INC	COM	437076102	75,894,797	219,001	SH SOLE	0	219,001
HONEYWELL INTL INC	COM	438516106	30,275,204	144,367	SH SOLE	0	144,367
HOPE BANCORP INC	COM	43940T109	313,089	25,918	SH SOLE	0	25,918
HORACE MANN EDUCATORS CORP N	COM	440327104	288,152	8,812	SH SOLE	0	8,812
HORMEL FOODS CORP	COM	440452100	2,036,609	63,426	SH SOLE	0	63,426
HOST HOTELS & RESORTS INC	COM	44107P104	5,509,952	282,997	SH SOLE	0	282,997
HOULIHAN LOKEY INC	CL A	441593100	1,365,655	11,389	SH SOLE	0	11,389
HOWMET AEROSPACE INC	COM	443201108	4,635,811	85,658	SH SOLE	0	85,658
HP INC	COM	40434L105	5,730,580	190,448	SH SOLE	0	190,448
HUB GROUP INC	CL A	443320106	618,848	6,731	SH SOLE	0	6,731
HUBBELL INC	COM	443510607	3,862,954	11,744	SH SOLE	0	11,744
HUDSON PAC PPTYS INC	COM	444097109	487,797	52,395	SH SOLE	0	52,395
HUMANA INC	COM	444859102	12,342,558	26,960	SH SOLE	0	26,960
HUNT J B TRANS SVCS INC	COM	445658107	3,564,161	17,844	SH SOLE	0	17,844
HUNTINGTON BANCSHARES INC	COM	446150104	4,033,652	317,111	SH SOLE	0	317,111
HUNTINGTON INGALLS INDS INC	COM	446413106	2,258,608	8,699	SH SOLE	0	8,699
HYATT HOTELS CORP	COM CL A	448579102	1,272,541	9,758	SH SOLE	0	9,758
ICHOR HOLDINGS	SHS	G4740B105	213,214	6,340	SH SOLE	0	6,340
ICU MED INC	COM	44930G107	436,462	4,376	SH SOLE	0	4,376
IDACORP INC	COM	451107106	9,341,482	95,011	SH SOLE	0	95,011
IDEX CORP	COM	45167R104	3,595,559	16,561	SH SOLE	0	16,561
IDEXX LABS INC	COM	45168D104	10,100,245	18,197	SH SOLE	0	18,197
ILLINOIS TOOL WKS INC	COM	452308109	15,705,922	59,960	SH SOLE	0	59,960
ILLUMINA INC	COM	452327109	4,842,071	34,775	SH SOLE	0	34,775
INARI MED INC	COM	45332Y109	733,142	11,293	SH SOLE	0	11,293
INCYTE CORP	COM	45337C102	2,557,688	40,734	SH SOLE	0	40,734
INDEPENDENCE RLTY TR INC	COM	45378A106	1,380,963	90,259	SH SOLE	0	90,259
INDEPENDENT BANK GROUP INC	COM	45384B106	394,320	7,750	SH SOLE	0	7,750
INDEPENDENT BK CORP MASS	COM	453836108	622,760	9,463	SH SOLE	0	9,463
INFLECTION PT ACQUISITN CRP		G4790U102	2,520,768	244,024	SH SOLE	0	244,024
INFOSYS LTD	SPONSORED ADR	456788108	8,713,811	474,092	SH SOLE	0	474,092
INGERSOLL RAND INC	COM	45687V106	6,855,804	88,645	SH SOLE	0	88,645
INGEVITY CORP	COM	45688C107	343,337	7,271	SH SOLE	0	7,271
INGREDION INC	COM	457187102	1,561,204	14,385	SH SOLE	0	14,385
INMODE LTD	SHS	M5425M103	1,474,379	66,294	SH SOLE	0	66,294
INNOSPEC INC	COM	45768S105	661,306	5,366	SH SOLE	0	5,366
INNOVATIVE INDL PPTYS INC	COM	45781V101	1,117,590	11,085	SH SOLE	0	11,085
INNOVIVA INC	COM	45781M101	195,207	12,170	SH SOLE	0	12,170
INSIGHT ENTERPRISES INC	COM	45765U103	1,058,710	5,975	SH SOLE	0	5,975
INSPERITY INC	COM	45778Q107	916,074	7,815	SH SOLE	0	7,815
INSTALLED BLDG PRODS INC	COM	45780R101	930,188	5,088	SH SOLE	0	5,088
INSULET CORP	COM	45784P101	3,317,841	15,291	SH SOLE	0	15,291
INTEGER HLDGS CORP	COM	45826H109	712,583	7,192	SH SOLE	0	7,192
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	653,598	15,008	SH SOLE	0	15,008
INTEL CORP	COM	458140100	46,393,262	923,249	SH SOLE	0	923,249
INTER PARFUMS INC	COM	458334109	556,599	3,865	SH SOLE	0	3,865
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	1,957,601	23,614	SH SOLE	0	23,614
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	16,097,416	125,340	SH SOLE	0	125,340
INTERDIGITAL INC	COM	45867G101	601,963	5,546	SH SOLE	0	5,546
INTERFACE INC	COM	45866S304	158,242	12,539	SH SOLE	0	12,539
INTERNATIONAL BANCSHARES COR	COM	459044103	639,727	11,777	SH SOLE	0	11,777

INTERNATIONAL BUSINESS MACHS	COM	459200101	32,703,622	199,961	SH SOLE	0	199,961
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	4,526,466	55,903	SH SOLE	0	55,903
INTERNATIONAL PAPER CO	COM	460146103	2,739,194	75,773	SH SOLE	0	75,773
INTERPUBLIC GROUP COS INC	COM	460690100	2,737,615	83,873	SH SOLE	0	83,873
INTUIT	COM	461202103	38,359,966	61,373	SH SOLE	0	61,373
INTUITIVE SURGICAL INC	COM NEW	46120E602	26,010,119	77,099	SH SOLE	0	77,099
INVENTRUST PPTYS CORP	COM NEW	46124J201	312,138	12,318	SH SOLE	0	12,318
INVESCO EXCHANGE TRADED FD T	S&P500 EQL WGT	46137V357	11,290,748	71,551	SH SOLE	0	71,551
INVESCO LTD	SHS	G491BT108	1,756,277	98,446	SH SOLE	0	98,446
INVITATION HOMES INC	COM	46187W107	8,087,174	237,091	SH SOLE	0	237,091
IPG PHOTONICS CORP	COM	44980X109	708,006	6,523	SH SOLE	0	6,523
IQVIA HLDGS INC	COM	46266C105	9,278,569	40,101	SH SOLE	0	40,101
IRIDIUM COMMUNICATIONS INC	COM	46269C102	8,449,572	205,286	SH SOLE	0	205,286
IROBOT CORP	COM	462726100	232,703	6,013	SH SOLE	0	6,013
IRON MTN INC DEL	COM	46284V101	4,474,661	63,942	SH SOLE	0	63,942
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	339,173	29,648	SH SOLE	0	29,648
ISHARES INC	MSCI CDA ETF	464286509	6,494,194	177,050	SH SOLE	0	177,050
ISHARES INC	CORE MSCI EMKT	46434G103	194,631,688	3,847,997	SH SOLE	0	3,847,997
ISHARES TR	CORE US AGGBD ETF	464287226	633,127,263	6,379,116	SH SOLE	0	6,379,116
ISHARES TR	CORE S&P MCP ETF	464287507	21,465,545	77,451	SH SOLE	0	77,451
ISHARES TR	CORE S&P SCP ETF	464287804	14,537,434	134,295	SH SOLE	0	134,295
ISHARES TR	JPMORGAN USD EMG	464288281	294,827,965	3,310,442	SH SOLE	0	3,310,442
ISHARES TR	GLB INFRASTR ETF	464288372	22,334,635	474,700	SH SOLE	0	474,700
ISHARES TR	CORE MSCI EAFE	46432F842	11,277,105	160,300	SH SOLE	0	160,300
ISHARES TR	GLOBAL REIT ETF	46434V647	2,104,023	87,015	SH SOLE	0	87,015
ISRAEL ACQUISITIONS CORP		G49667101	2,148,000	200,000	SH SOLE	0	200,000
ITRON INC	COM	465741106	741,282	9,817	SH SOLE	0	9,817
ITT INC	COM	45073V108	2,161,601	18,116	SH SOLE	0	18,116
J & J SNACK FOODS CORP	COM	466032109	556,576	3,330	SH SOLE	0	3,330
JABIL INC	COM	466313103	3,569,493	28,018	SH SOLE	0	28,018
JACK IN THE BOX INC	COM	466367109	354,193	4,339	SH SOLE	0	4,339
JACKSON FINANCIAL INC	COM CL A	46817M107	781,722	15,268	SH SOLE	0	15,268
JACOBS SOLUTIONS INC	COM	46982L108	3,579,105	27,574	SH SOLE	0	27,574
JANUS HENDERSON GROUP PLC	ORD SHS	G4474Y214	881,707	29,244	SH SOLE	0	29,244
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	1,708,716	13,892	SH SOLE	0	13,892
JBG SMITH PPTYS	COM	46590V100	630,697	37,078	SH SOLE	0	37,078
JEFFERIES FINL GROUP INC	COM	47233W109	1,501,070	37,146	SH SOLE	0	37,146
JETBLUE AWYS CORP	COM	477143101	399,162	71,921	SH SOLE	0	71,921
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	683,321	6,871	SH SOLE	0	6,871
JOHNSON & JOHNSON	COM	478160104	82,627,529	527,163	SH SOLE	0	527,163
JOHNSON CTLS INTL PLC	SHS	G51502105	8,587,265	148,981	SH SOLE	0	148,981
JONES LANG LASALLE INC	COM	48020Q107	1,982,568	10,497	SH SOLE	0	10,497
JPMORGAN CHASE & CO	COM	46625H100	107,689,119	633,093	SH SOLE	0	633,093
JUNIPER NETWORKS INC	COM	48203R104	2,058,529	69,828	SH SOLE	0	69,828
KAISER ALUMINUM CORP	COM PAR \$0.01	483007704	246,033	3,456	SH SOLE	0	3,456
KB HOME	COM	48666K109	1,055,199	16,894	SH SOLE	0	16,894
KBR INC	COM	48242W106	1,650,664	29,790	SH SOLE	0	29,790
KELLANOVA	COM	487836108	3,229,138	57,756	SH SOLE	0	57,756
KEMPER CORP	COM	488401100	646,970	13,293	SH SOLE	0	13,293
KENNAMETAL INC	COM	489170100	443,021	17,178	SH SOLE	0	17,178
KENNEDY-WILSON HOLDINGS INC	COM	489398107	584,955	47,250	SH SOLE	0	47,250
KENVUE INC	COM	49177J102	8,125,917	377,423	SH SOLE	0	377,423
KEURIG DR PEPPER INC	COM	49271V100	7,346,294	220,477	SH SOLE	0	220,477
KEYCORP	COM	493267108	2,952,418	205,029	SH SOLE	0	205,029
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	6,186,533	38,887	SH SOLE	0	38,887
KILROY RLTY CORP	COM	49427F108	1,782,402	44,739	SH SOLE	0	44,739
KIMBERLY-CLARK CORP	COM	494368103	8,992,348	74,005	SH SOLE	0	74,005
KIMCO RLTY CORP	COM	49446R109	5,447,198	255,617	SH SOLE	0	255,617
KINDER MORGAN INC DEL	COM	49456B101	57,704,215	3,271,214	SH SOLE	0	3,271,214
KINSALE CAP GROUP INC	COM	49714P108	1,626,993	4,858	SH SOLE	0	4,858
KIRBY CORP	COM	497266106	1,023,458	13,041	SH SOLE	0	13,041
KITE RLTY GROUP TR	COM NEW	49803T300	2,003,885	87,659	SH SOLE	0	87,659
KKR REAL ESTATE FIN TR INC	COM	48251K100	166,222	12,564	SH SOLE	0	12,564
KLA CORP	COM NEW	482480100	17,303,557	29,767	SH SOLE	0	29,767
KNIFE RIVER CORP	COMMON STOCK	498894104	826,059	12,482	SH SOLE	0	12,482
KNIGHT-SWIFT TRANSN HLDGS IN	CL A	499049104	2,051,821	35,591	SH SOLE	0	35,591
KNOWLES CORP	COM	49926D109	348,833	19,477	SH SOLE	0	19,477

KOHL'S CORP	COM	500255104	685,050	23,886	SH SOLE	0	23,886
KONTOOR BRANDS INC	COM	50050N103	673,512	10,790	SH SOLE	0	10,790
KOPPERS HOLDINGS INC	COM	50060P106	230,131	4,493	SH SOLE	0	4,493
KORN FERRY	COM NEW	500643200	674,988	11,373	SH SOLE	0	11,373
KRAFT HEINZ CO	COM	500754106	6,456,227	174,587	SH SOLE	0	174,587
KROGER CO	COM	501044101	6,624,247	144,919	SH SOLE	0	144,919
KULICKE & SOFFA INDS INC	COM	501242101	666,818	12,186	SH SOLE	0	12,186
KYNDRYL HLDGS INC	COMMON STOCK	50155Q100	1,052,154	50,633	SH SOLE	0	50,633
L3HARRIS TECHNOLOGIES INC	COM	502431109	8,742,204	41,507	SH SOLE	0	41,507
LA Z BOY INC	COM	505336107	342,987	9,290	SH SOLE	0	9,290
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	4,225,776	18,592	SH SOLE	0	18,592
LAKELAND BANCORP INC	COM	511637100	266,678	18,031	SH SOLE	0	18,031
LAKELAND FINL CORP	COM	511656100	357,598	5,488	SH SOLE	0	5,488
LAM RESEARCH CORP	COM	512807108	22,605,667	28,861	SH SOLE	0	28,861
LAMAR ADVERTISING CO NEW	CL A	512816109	2,053,861	19,325	SH SOLE	0	19,325
LAMB WESTON HLDGS INC	COM	513272104	3,430,452	31,737	SH SOLE	0	31,737
LANCASTER COLONY CORP	COM	513847103	747,590	4,493	SH SOLE	0	4,493
LANDSTAR SYS INC	COM	515098101	1,536,032	7,932	SH SOLE	0	7,932
LANTHEUS HLDGS INC	COM	516544103	937,006	15,113	SH SOLE	0	15,113
LAS VEGAS SANDS CORP	COM	517834107	3,978,087	80,839	SH SOLE	0	80,839
LATTICE SEMICONDUCTOR CORP	COM	518415104	2,101,228	30,457	SH SOLE	0	30,457
LAUDER ESTEE COS INC	CL A	518439104	7,440,030	50,872	SH SOLE	0	50,872
LCI INDS	COM	50189K103	687,005	5,465	SH SOLE	0	5,465
LEAR CORP	COM NEW	521865204	1,815,396	12,856	SH SOLE	0	12,856
LEGGETT & PLATT INC	COM	524660107	769,869	29,418	SH SOLE	0	29,418
LEIDOS HOLDINGS INC	COM	525327102	3,259,323	30,112	SH SOLE	0	30,112
LEMAITRE VASCULAR INC	COM	525558201	242,706	4,276	SH SOLE	0	4,276
LENNAR CORP	CL A	526057104	7,419,211	49,780	SH SOLE	0	49,780
LENNAR CORP	CL B	526057302	737,275	5,500	SH SOLE	0	5,500
LENNOX INTL INC	COM	526107107	3,158,596	7,058	SH SOLE	0	7,058
LESLIES INC	COM	527064109	274,375	39,707	SH SOLE	0	39,707
LEXINFINTech HLDGS LTD	ADR	528877103	53,417	29,031	SH SOLE	0	29,031
LGI HOMES INC	COM	50187T106	589,100	4,424	SH SOLE	0	4,424
LIBERTY ENERGY INC	COM CL A	53115L104	600,615	33,110	SH SOLE	0	33,110
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	252,613	3,537	SH SOLE	0	3,537
LIGHT & WONDER INC	COM	80874P109	1,631,526	19,870	SH SOLE	0	19,870
LINCOLN ELEC HLDGS INC	COM	533900106	2,744,780	12,622	SH SOLE	0	12,622
LINCOLN NATL CORP IND	COM	534187109	987,426	36,612	SH SOLE	0	36,612
LINDE PLC	SHS	G54950103	43,611,241	106,185	SH SOLE	0	106,185
LINDSAY CORP	COM	535555106	306,884	2,376	SH SOLE	0	2,376
LITHIA MTRS INC	COM	536797103	1,999,717	6,073	SH SOLE	0	6,073
LITTELFUSE INC	COM	537008104	1,469,707	5,493	SH SOLE	0	5,493
LIVANOVA PLC	SHS	G5509L101	615,189	11,890	SH SOLE	0	11,890
LIVE NATION ENTERTAINMENT IN	COM	538034109	2,908,246	31,071	SH SOLE	0	31,071
LIVENT CORP	COM	53814L108	887,403	49,355	SH SOLE	0	49,355
LIVERAMP HLDGS INC	COM	53815P108	535,510	14,137	SH SOLE	0	14,137
LKQ CORP	COM	501889208	2,800,494	58,600	SH SOLE	0	58,600
LOCKHEED MARTIN CORP	COM	539830109	21,915,967	48,354	SH SOLE	0	48,354
LOEWS CORP	COM	540424108	2,789,794	40,089	SH SOLE	0	40,089
LOUISIANA PAC CORP	COM	546347105	1,003,024	14,161	SH SOLE	0	14,161
LOWES COS INC	COM	548661107	28,126,092	126,381	SH SOLE	0	126,381
LTC PPTYS INC	COM	502175102	525,676	16,366	SH SOLE	0	16,366
LULULEMON ATHLETICA INC	COM	550021109	12,893,200	25,217	SH SOLE	0	25,217
LUMEN TECHNOLOGIES INC	COM	550241103	398,413	217,712	SH SOLE	0	217,712
LUMENTUM HLDGS INC	COM	55024U109	774,977	14,784	SH SOLE	0	14,784
LXP INDUSTRIAL TRUST	COM	529043101	1,144,589	115,382	SH SOLE	0	115,382
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	5,335,414	56,115	SH SOLE	0	56,115
M & T BK CORP	COM	55261F104	4,981,761	36,342	SH SOLE	0	36,342
M D C HLDGS INC	COM	552676108	712,062	12,888	SH SOLE	0	12,888
M/I HOMES INC	COM	55305B101	827,817	6,010	SH SOLE	0	6,010
MACERICH CO	COM	554382101	1,318,509	85,451	SH SOLE	0	85,451
MACOM TECH SOLUTIONS HLDGS I	COM	55405Y100	1,110,009	11,942	SH SOLE	0	11,942
MACYS INC	COM	55616P104	1,214,846	60,380	SH SOLE	0	60,380
MADDEN STEVEN LTD	COM	556269108	635,628	15,134	SH SOLE	0	15,134
MADISON SQUARE GRDN SPRT COR	CL A	55825T103	654,770	3,601	SH SOLE	0	3,601
MAGNITE INC	NOTE 0.250% 3/1	55955DAB6	28,951	34,000	SH SOLE	0	34,000
MANHATTAN ASSOCIATES INC	COM	562750109	2,925,122	13,585	SH SOLE	0	13,585

MANPOWERGROUP INC WIS	COM	56418H100	855,892	10,770	SH SOLE	0	10,770
MARATHON OIL CORP	COM	565849106	3,096,370	128,161	SH SOLE	0	128,161
MARATHON PETE CORP	COM	56585A102	12,335,986	83,149	SH SOLE	0	83,149
MARCUS & MILLICHAP INC	COM	566324109	224,340	5,136	SH SOLE	0	5,136
MARKETAXESS HLDGS INC	COM	57060D108	2,430,948	8,301	SH SOLE	0	8,301
MARRIOTT INTL INC NEW	CL A	571903202	12,182,727	54,023	SH SOLE	0	54,023
MARRIOTT VACATIONS WORLDWIDE	COM	57164Y107	618,763	7,289	SH SOLE	0	7,289
MARS ACQUISITION CORP		G5870E108	2,198,709	206,840	SH SOLE	0	206,840
MARSH & MCLENNAN COS INC	COM	571748102	20,458,213	107,976	SH SOLE	0	107,976
MARTEN TRANS LTD	COM	573075108	261,369	12,458	SH SOLE	0	12,458
MARTIN MARIETTA MATLS INC	COM	573284106	6,752,248	13,534	SH SOLE	0	13,534
MASCO CORP	COM	574599106	3,292,938	49,163	SH SOLE	0	49,163
MASIMO CORP	COM	574795100	1,147,955	9,794	SH SOLE	0	9,794
MASTEC INC	COM	576323109	1,009,953	13,338	SH SOLE	0	13,338
MASTERBRAND INC	COMMON STOCK	57638P104	406,207	27,354	SH SOLE	0	27,354
MASTERCARD INCORPORATED	CL A	57636Q104	77,343,750	181,341	SH SOLE	0	181,341
MATADOR RES CO	COM	576485205	1,390,113	24,448	SH SOLE	0	24,448
MATCH GROUP INC NEW	COM	57667L107	2,172,590	59,523	SH SOLE	0	59,523
MATERION CORP	COM	576690101	579,469	4,453	SH SOLE	0	4,453
MATIV HOLDINGS INC	COM	808541106	179,066	11,696	SH SOLE	0	11,696
MATSON INC	COM	57686G105	826,274	7,539	SH SOLE	0	7,539
MATTEL INC	COM	577081102	1,471,583	77,944	SH SOLE	0	77,944
MATTHEWS INTL CORP	CL A	577128101	240,974	6,575	SH SOLE	0	6,575
MAXIMUS INC	COM	577933104	1,124,814	13,413	SH SOLE	0	13,413
MAXLINEAR INC	COM	57776J100	380,700	16,016	SH SOLE	0	16,016
MCCORMICK & CO INC	COM NON VTG	579780206	3,765,084	55,029	SH SOLE	0	55,029
MCDONALDS CORP	COM	580135101	47,097,648	158,840	SH SOLE	0	158,840
MCKESSON CORP	COM	58155Q103	13,490,774	29,139	SH SOLE	0	29,139
MDU RES GROUP INC	COM	552690109	889,693	44,934	SH SOLE	0	44,934
MEDICAL PPTYS TRUST INC	COM	58463J304	1,178,616	240,044	SH SOLE	0	240,044
MEDPACE HLDGS INC	COM	58506Q109	1,577,403	5,146	SH SOLE	0	5,146
MEDTRONIC PLC	SHS	G5960L103	24,003,061	291,370	SH SOLE	0	291,370
MERCADOLIBRE INC	COM	58733R102	75,184,045	47,841	SH SOLE	0	47,841
MERCK & CO INC	COM	58933Y105	60,497,160	554,918	SH SOLE	0	554,918
MERCURY GENL CORP NEW	COM	589400100	213,973	5,735	SH SOLE	0	5,735
MERCURY SYS INC	COM	589378108	411,668	11,257	SH SOLE	0	11,257
MERIT MED SYS INC	COM	589889104	946,614	12,462	SH SOLE	0	12,462
MERITAGE HOMES CORP	COM	59001A102	1,382,103	7,934	SH SOLE	0	7,934
META PLATFORMS INC	CL A	30303M102	172,047,567	486,065	SH SOLE	0	486,065
METLIFE INC	COM	59156R108	9,004,062	136,157	SH SOLE	0	136,157
METTLER TOLEDO INTERNATIONAL	COM	592688105	5,760,347	4,749	SH SOLE	0	4,749
MGE ENERGY INC	COM	55277P104	4,345,976	60,102	SH SOLE	0	60,102
MGIC INVT CORP WIS	COM	552848103	1,180,374	61,191	SH SOLE	0	61,191
MGM RESORTS INTERNATIONAL	COM	552953101	2,673,741	59,842	SH SOLE	0	59,842
MGP INGREDIENTS INC NEW	COM	55303J106	332,308	3,373	SH SOLE	0	3,373
MICROCHIP TECHNOLOGY INC.	COM	595017104	10,684,707	118,482	SH SOLE	0	118,482
MICRON TECHNOLOGY INC	COM	595112103	20,520,430	240,455	SH SOLE	0	240,455
MICROSOFT CORP	COM	594918104	612,031,047	1,627,569	SH SOLE	0	1,627,569
MID-AMER APT CMNTYS INC	COM	59522J103	6,274,038	46,661	SH SOLE	0	46,661
MIDDLEBY CORP	COM	596278101	1,740,727	11,828	SH SOLE	0	11,828
MIDDLESEX WTR CO	COM	596680108	252,178	3,843	SH SOLE	0	3,843
MILLERKNOLL INC	COM	600544100	423,065	15,857	SH SOLE	0	15,857
MINERALS TECHNOLOGIES INC	COM	603158106	500,810	7,023	SH SOLE	0	7,023
MISTER CAR WASH INC	COM	60646V105	169,811	19,654	SH SOLE	0	19,654
MKS INSTRS INC	COM	55306N104	1,427,013	13,872	SH SOLE	0	13,872
MODERNA INC	COM	60770K107	7,224,247	72,642	SH SOLE	0	72,642
MOELIS & CO	CL A	60786M105	807,486	14,386	SH SOLE	0	14,386
MOHAWK INDS INC	COM	608190104	1,198,013	11,575	SH SOLE	0	11,575
MOLINA HEALTHCARE INC	COM	60855R100	4,612,845	12,767	SH SOLE	0	12,767
MOLSON COORS BEVERAGE CO	CL B	60871R209	2,482,004	40,549	SH SOLE	0	40,549
MONDAY COM LTD	SHS	M7S64H106	1,424,914	7,587	SH SOLE	0	7,587
MONDELEZ INTL INC	CL A	609207105	21,577,911	297,914	SH SOLE	0	297,914
MONOLITHIC PWR SYS INC	COM	609839105	6,618,144	10,492	SH SOLE	0	10,492
MONSTER BEVERAGE CORP NEW	COM	61174X109	9,319,454	161,768	SH SOLE	0	161,768
MOODYS CORP	COM	615369105	13,460,260	34,464	SH SOLE	0	34,464
MOOG INC	CL A	615394202	898,215	6,204	SH SOLE	0	6,204
MORGAN STANLEY	COM NEW	617446448	25,807,684	276,758	SH SOLE	0	276,758

MORNINGSTAR INC	COM	617700109	1,645,021	5,747 SH SOLE	0	5,747
MOSAIC CO NEW	COM	61945C103	2,557,303	71,573 SH SOLE	0	71,573
MOTOROLA SOLUTIONS INC	COM NEW	620076307	11,379,256	36,345 SH SOLE	0	36,345
MP MATERIALS CORP	COM CL A	553368101	630,853	31,781 SH SOLE	0	31,781
MR COOPER GROUP INC	COM	62482R107	925,485	14,212 SH SOLE	0	14,212
MSA SAFETY INC	COM	553498106	1,376,640	8,154 SH SOLE	0	8,154
MSC INDL DIRECT INC	CL A	553530106	1,035,991	10,231 SH SOLE	0	10,231
MSCI INC	COM	55354G100	9,797,058	17,320 SH SOLE	0	17,320
MUELLER INDS INC	COM	624756102	1,155,128	24,499 SH SOLE	0	24,499
MURPHY OIL CORP	COM	626717102	1,381,373	32,381 SH SOLE	0	32,381
MURPHY USA INC	COM	626755102	1,523,224	4,272 SH SOLE	0	4,272
MYR GROUP INC DEL	COM	55405W104	521,536	3,606 SH SOLE	0	3,606
MYRIAD GENETICS INC	COM	62855J104	366,225	19,134 SH SOLE	0	19,134
N-ABLE INC	COMMON STOCK	62878D100	198,750	15,000 SH SOLE	0	15,000
NABORS ENERGY TRANSITION COR	CL A	G6363K106	2,636,627	253,400 SH SOLE	0	253,400
NASDAQ INC	COM	631103108	4,334,046	74,545 SH SOLE	0	74,545
NATIONAL BEVERAGE CORP	COM	635017106	250,390	5,036 SH SOLE	0	5,036
NATIONAL BK HLDGS CORP	CL A	633707104	303,061	8,149 SH SOLE	0	8,149
NATIONAL FUEL GAS CO	COM	636180101	1,016,494	20,261 SH SOLE	0	20,261
NATIONAL HEALTH INVS INC	COM	63633D104	420,327	7,526 SH SOLE	0	7,526
NATIONAL HEALTHCARE CORP	COM	635906100	268,942	2,910 SH SOLE	0	2,910
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	1,314,931	31,708 SH SOLE	0	31,708
NATIONAL VISION HLDGS INC	COM	63845R107	353,403	16,885 SH SOLE	0	16,885
NAVIENT CORPORATION	COM	63938C108	340,132	18,267 SH SOLE	0	18,267
NBT BANCORP INC	COM	628778102	425,848	10,161 SH SOLE	0	10,161
NCR ATLEOS CORPORATION	COM SHS	63001N106	350,699	14,438 SH SOLE	0	14,438
NCR VOYIX CORPORATION	COM	62886E108	489,477	28,946 SH SOLE	0	28,946
NEOGEN CORP	COM	640491106	873,478	43,435 SH SOLE	0	43,435
NEOGENOMICS INC	COM NEW	64049M209	445,047	27,506 SH SOLE	0	27,506
NETAPP INC	COM	64110D104	4,030,940	45,723 SH SOLE	0	45,723
NETEASE INC	SPONSORED ADS	64110W102	5,775,920	62,000 SH SOLE	0	62,000
NETFLIX INC	COM	64110L106	46,665,500	95,846 SH SOLE	0	95,846
NETSCOUT SYS INC	COM	64115T104	336,274	15,320 SH SOLE	0	15,320
NETSTREIT CORP	COM	64119V303	222,536	12,467 SH SOLE	0	12,467
NEUROCRINE BIOSCIENCES INC	COM	64125C109	2,856,557	21,680 SH SOLE	0	21,680
NEW JERSEY RES CORP	COM	646025106	959,718	21,528 SH SOLE	0	21,528
NEW YORK CMNTY BANCORP INC	COM	649445103	1,630,897	159,423 SH SOLE	0	159,423
NEW YORK MTG TR INC	COM	649604840	166,915	19,568 SH SOLE	0	19,568
NEW YORK TIMES CO	CL A	650111107	1,768,784	36,105 SH SOLE	0	36,105
NEWELL BRANDS INC	COM	651229106	713,756	82,230 SH SOLE	0	82,230
NEWMARKET CORP	COM	651587107	831,845	1,524 SH SOLE	0	1,524
NEWMONT CORP	COM	651639106	10,446,050	252,381 SH SOLE	0	252,381
NEWS CORP NEW	CL A	65249B109	2,670,991	108,798 SH SOLE	0	108,798
NEXPOINT RESIDENTIAL TR INC	COM	65341D102	312,383	9,073 SH SOLE	0	9,073
NEXSTAR MEDIA GROUP INC	COMMON STOCK	65336K103	1,114,963	7,113 SH SOLE	0	7,113
NEXTERA ENERGY INC	COM	65339F101	189,997,453	3,128,045 SH SOLE	0	3,128,045
NIKE INC	CL B	654106103	29,101,429	268,043 SH SOLE	0	268,043
NISOURCE INC	COM	65473P105	20,633,359	777,151 SH SOLE	0	777,151
NMI HLDGS INC	CL A	629209305	519,311	17,497 SH SOLE	0	17,497
NNN REIT INC	COM	637417106	3,156,127	73,228 SH SOLE	0	73,228
NORDIC AMERICAN TANKERS LIM	COM	G65773106	61,643	14,677 SH SOLE	0	14,677
NORDSON CORP	COM	655663102	3,133,202	11,861 SH SOLE	0	11,861
NORDSTROM INC	COM	655664100	394,922	21,405 SH SOLE	0	21,405
NORFOLK SOUTHN CORP	COM	655844108	45,340,048	191,810 SH SOLE	0	191,810
NORTHERN OIL & GAS INC	COM	665531307	731,651	19,737 SH SOLE	0	19,737
NORTHERN TR CORP	COM	665859104	3,825,620	45,338 SH SOLE	0	45,338
NORTHROP GRUMMAN CORP	COM	666807102	14,531,066	31,040 SH SOLE	0	31,040
NORTHWEST BANCSHARES INC MD	COM	667340103	342,301	27,428 SH SOLE	0	27,428
NORTHWEST NAT HLDG CO	COM	66765N105	2,612,329	67,086 SH SOLE	0	67,086
NORTHWESTERN ENERGY GROUP IN	COM NEW	668074305	5,855,047	115,053 SH SOLE	0	115,053
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	1,866,987	93,163 SH SOLE	0	93,163
NOV INC	COM	62955J103	1,762,798	86,923 SH SOLE	0	86,923
NOVA LTD	COM	M7516K103	8,120,986	59,109 SH SOLE	0	59,109
NOVANTA INC	COM	67000B104	1,330,776	7,902 SH SOLE	0	7,902
NOW INC	COM	67011P100	259,737	22,945 SH SOLE	0	22,945
NRG ENERGY INC	COM NEW	629377508	2,555,996	49,439 SH SOLE	0	49,439
NU HLDGS LTD	ORD SHS CL A	G6683N103	7,158,552	859,370 SH SOLE	0	859,370

NU SKIN ENTERPRISES INC	CL A	67018T105	207,056	10,662	SH SOLE	0	10,662
NUCOR CORP	COM	670346105	9,369,617	53,836	SH SOLE	0	53,836
NV5 GLOBAL INC	COM	62945V109	304,913	2,744	SH SOLE	0	2,744
NVENT ELECTRIC PLC	SHS	G6700G107	2,163,285	36,610	SH SOLE	0	36,610
NVIDIA CORPORATION	COM	67066G104	267,863,508	540,898	SH SOLE	0	540,898
NVR INC	COM	62944T105	4,872,313	696	SH SOLE	0	696
NXP SEMICONDUCTORS N V	COM	N6596X109	12,964,747	56,447	SH SOLE	0	56,447
OCCIDENTAL PETE CORP	COM	674599105	8,633,588	144,592	SH SOLE	0	144,592
OCEANEERING INTL INC	COM	675232102	462,542	21,736	SH SOLE	0	21,736
OFG BANCORP	COM	67103X102	380,609	10,155	SH SOLE	0	10,155
OGE ENERGY CORP	COM	670837103	13,139,793	376,175	SH SOLE	0	376,175
O-I GLASS INC	COM	67098H104	548,091	33,461	SH SOLE	0	33,461
OIL STS INTL INC	COM	678026105	93,614	13,787	SH SOLE	0	13,787
OLD DOMINION FREIGHT LINE IN	COM	679580100	7,942,036	19,594	SH SOLE	0	19,594
OLD NATL BANCORP IND	COM	680033107	1,090,587	64,570	SH SOLE	0	64,570
OLD REP INTL CORP	COM	680223104	1,691,588	57,537	SH SOLE	0	57,537
OLIN CORP	COM PAR \$1	680665205	1,458,916	27,042	SH SOLE	0	27,042
OLLIES BARGAIN OUTLET HLDGS	COM	681116109	1,033,318	13,616	SH SOLE	0	13,616
OMEGA HEALTHCARE INVS INC	COM	681936100	3,021,114	98,536	SH SOLE	0	98,536
OMNICELL COM	COM	68213N109	369,226	9,812	SH SOLE	0	9,812
OMNICOM GROUP INC	COM	681919106	3,749,776	43,345	SH SOLE	0	43,345
ON SEMICONDUCTOR CORP	COM	682189105	7,878,299	94,317	SH SOLE	0	94,317
ONE GAS INC	COM	68235P108	6,573,419	103,161	SH SOLE	0	103,161
ONEOK INC NEW	COM	682680103	68,270,693	972,240	SH SOLE	0	972,240
ONTO INNOVATION INC	COM	683344105	1,655,907	10,830	SH SOLE	0	10,830
OPENLANE INC	COM	48238T109	345,206	23,309	SH SOLE	0	23,309
OPTION CARE HEALTH INC	COM NEW	68404L201	1,316,774	39,085	SH SOLE	0	39,085
ORACLE CORP	COM	68389X105	36,682,787	347,935	SH SOLE	0	347,935
ORASURE TECHNOLOGIES INC	COM	68554V108	130,027	15,857	SH SOLE	0	15,857
OREILLY AUTOMOTIVE INC	COM	67103H107	12,309,236	12,956	SH SOLE	0	12,956
ORGANON & CO	COMMON STOCK	68622V106	795,378	55,158	SH SOLE	0	55,158
ORMAT TECHNOLOGIES INC	COM	686688102	898,339	11,853	SH SOLE	0	11,853
OSHKOSH CORP	COM	688239201	1,564,790	14,434	SH SOLE	0	14,434
OSI SYSTEMS INC	COM	671044105	435,286	3,373	SH SOLE	0	3,373
OTIS WORLDWIDE CORP	COM	68902V107	8,018,480	89,622	SH SOLE	0	89,622
OTTER TAIL CORP	COM	689648103	764,815	9,001	SH SOLE	0	9,001
OUTFRONT MEDIA INC	COM	69007J106	437,534	31,342	SH SOLE	0	31,342
OVINTIV INC	COM	69047Q102	2,459,652	56,003	SH SOLE	0	56,003
OWENS & MINOR INC NEW	COM	690732102	318,109	16,508	SH SOLE	0	16,508
OWENS CORNING NEW	COM	690742101	2,906,939	19,611	SH SOLE	0	19,611
OXFORD INDS INC	COM	691497309	316,800	3,168	SH SOLE	0	3,168
PACCAR INC	COM	693718108	11,185,515	114,547	SH SOLE	0	114,547
PACIFIC PREMIER BANCORP	COM	69478X105	602,402	20,694	SH SOLE	0	20,694
PACIRA BIOSCIENCES INC	COM	695127100	338,109	10,021	SH SOLE	0	10,021
PACKAGING CORP AMER	COM	695156109	3,197,272	19,626	SH SOLE	0	19,626
PAGSEGURO DIGITAL LTD	COM CL A	G68707101	272,557	21,857	SH SOLE	0	21,857
PALO ALTO NETWORKS INC	COM	697435105	20,071,007	68,065	SH SOLE	0	68,065
PALOMAR HLDGS INC	COM	69753M105	296,204	5,337	SH SOLE	0	5,337
PAPA JOHNS INTL INC	COM	698813102	538,794	7,068	SH SOLE	0	7,068
PAR PAC HOLDINGS INC	COM NEW	69888T207	436,840	12,011	SH SOLE	0	12,011
PARAMOUNT GLOBAL	CLASS B COM	92556H206	1,562,593	105,652	SH SOLE	0	105,652
PARAMOUNT GROUP INC	COM	69924R108	173,283	33,517	SH SOLE	0	33,517
PARK HOTELS & RESORTS INC	COM	700517105	1,302,642	85,140	SH SOLE	0	85,140
PARK NATL CORP	COM	700658107	411,202	3,095	SH SOLE	0	3,095
PARKER-HANNIFIN CORP	COM	701094104	12,961,795	28,135	SH SOLE	0	28,135
PATHWARD FINANCIAL INC	COM	59100U108	299,055	5,650	SH SOLE	0	5,650
PATRICK INDS INC	COM	703343103	450,572	4,490	SH SOLE	0	4,490
PATTERSON COS INC	COM	703395103	534,206	18,777	SH SOLE	0	18,777
PATTERSON-UTI ENERGY INC	COM	703481101	748,829	69,336	SH SOLE	0	69,336
PAYCHEX INC	COM	704326107	8,385,820	70,404	SH SOLE	0	70,404
PAYCOM SOFTWARE INC	COM	70432V102	2,220,173	10,740	SH SOLE	0	10,740
PAYLOCITY HLDG CORP	COM	70438V106	1,573,493	9,545	SH SOLE	0	9,545
PAYONEER GLOBAL INC	COM	70451X104	292,875	56,214	SH SOLE	0	56,214
PAYPAL HLDGS INC	COM	70450Y103	14,498,840	236,099	SH SOLE	0	236,099
PBF ENERGY INC	CL A	69318G106	1,054,996	23,999	SH SOLE	0	23,999
PDF SOLUTIONS INC	COM	693282105	212,285	6,605	SH SOLE	0	6,605
PEBBLEBROOK HOTEL TR	COM	70509V100	758,027	47,436	SH SOLE	0	47,436

PEDIATRIX MEDICAL GROUP INC	COM	58502B106	166,228	17,874	SH SOLE	0	17,874
PENN ENTERTAINMENT INC	COM	707569109	871,332	33,487	SH SOLE	0	33,487
PENNYMAC MTG INVT TR	COM	70931T103	279,894	18,722	SH SOLE	0	18,722
PENSKE AUTOMOTIVE GRP INC	COM	70959W103	690,354	4,301	SH SOLE	0	4,301
PENTAIR PLC	SHS	G7500T104	2,631,957	36,198	SH SOLE	0	36,198
PENUMBRA INC	COM	70975L107	2,142,366	8,517	SH SOLE	0	8,517
PEPSICO INC	COM	713448108	51,134,918	301,077	SH SOLE	0	301,077
PERDOCEO ED CORP	COM	71363P106	248,913	14,175	SH SOLE	0	14,175
PERFICIENT INC	COM	71375U101	493,913	7,504	SH SOLE	0	7,504
PERFORMANCE FOOD GROUP CO	COM	71377A103	2,374,265	34,335	SH SOLE	0	34,335
PERION NETWORK LTD	SHS NEW	M78673114	1,461,046	47,329	SH SOLE	0	47,329
PERMIAN RESOURCES CORP	CLASS A COM	71424F105	1,247,446	91,724	SH SOLE	0	91,724
PERRIGO CO PLC	SHS	G97822103	962,214	29,901	SH SOLE	0	29,901
PFIZER INC	COM	717081103	35,598,576	1,236,491	SH SOLE	0	1,236,491
PG&E CORP	COM	69331C108	69,454,896	3,852,185	SH SOLE	0	3,852,185
PGT INNOVATIONS INC	COM	69336V101	501,058	12,311	SH SOLE	0	12,311
PHILIP MORRIS INTL INC	COM	718172109	31,983,155	339,957	SH SOLE	0	339,957
PHILLIPS 66	COM	718546104	12,827,373	96,345	SH SOLE	0	96,345
PHILLIPS EDISON & CO INC	COMMON STOCK	71844V201	1,717,369	47,077	SH SOLE	0	47,077
PHINIA INC	COMMON STOCK	71880K101	305,141	10,074	SH SOLE	0	10,074
PHOTRONICS INC	COM	719405102	423,401	13,497	SH SOLE	0	13,497
PHYSICIANS RLTY TR	COM	71943U104	1,271,491	95,529	SH SOLE	0	95,529
PIEDMONT OFFICE REALTY TR IN	COM CL A	720190206	159,079	22,374	SH SOLE	0	22,374
PILGRIMS PRIDE CORP	COM	72147K108	245,676	8,882	SH SOLE	0	8,882
PINNACLE FINL PARTNERS INC	COM	72346Q104	1,477,594	16,941	SH SOLE	0	16,941
PINNACLE WEST CAP CORP	COM	723484101	15,292,796	212,873	SH SOLE	0	212,873
PIONEER NAT RES CO	COM	723787107	16,328,987	72,612	SH SOLE	0	72,612
PIPER SANDLER COMPANIES	COM	724078100	567,628	3,246	SH SOLE	0	3,246
PITNEY BOWES INC	COM	724479100	145,658	33,104	SH SOLE	0	33,104
PJT PARTNERS INC	COM CL A	69343T107	490,198	4,812	SH SOLE	0	4,812
PLANET FITNESS INC	CL A	72703H101	1,376,269	18,853	SH SOLE	0	18,853
PLEXUS CORP	COM	729132100	641,211	5,930	SH SOLE	0	5,930
PNC FINL SVCS GROUP INC	COM	693475105	13,507,720	87,231	SH SOLE	0	87,231
PNM RES INC	COM	69349H107	6,662,822	160,164	SH SOLE	0	160,164
POLARIS INC	COM	731068102	1,110,136	11,714	SH SOLE	0	11,714
PONO CAP THREE INC	ORD SHS CL A	G71704103	1,664,000	200,000	SH SOLE	0	200,000
POOL CORP	COM	73278L105	3,377,074	8,470	SH SOLE	0	8,470
PORTLAND GEN ELEC CO	COM NEW	736508847	8,224,892	189,776	SH SOLE	0	189,776
POST HLDGS INC	COM	737446104	987,329	11,212	SH SOLE	0	11,212
POTLATCHDELTIC CORPORATION	COM	737630103	859,839	17,512	SH SOLE	0	17,512
POWER INTEGRATIONS INC	COM	739276103	1,030,152	12,546	SH SOLE	0	12,546
PPG INDS INC	COM	693506107	7,722,313	51,637	SH SOLE	0	51,637
PPL CORP	COM	69351T106	37,605,152	1,387,644	SH SOLE	0	1,387,644
PRA GROUP INC	COM	69354N106	221,888	8,469	SH SOLE	0	8,469
PREMIER INC	CL A	74051N102	577,425	25,824	SH SOLE	0	25,824
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	655,483	10,707	SH SOLE	0	10,707
PRICE T ROWE GROUP INC	COM	74144T108	5,270,026	48,937	SH SOLE	0	48,937
PRICESMART INC	COM	741511109	409,364	5,402	SH SOLE	0	5,402
PRIMERICA INC	COM	74164M108	1,590,731	7,731	SH SOLE	0	7,731
PRINCIPAL FINANCIAL GROUP IN	COM	74251V102	3,778,677	48,032	SH SOLE	0	48,032
PRIVIA HEALTH GROUP INC	COM	74276R102	510,460	22,165	SH SOLE	0	22,165
PROASSURANCE CORP	COM	74267C106	151,676	10,999	SH SOLE	0	10,999
PROCTER AND GAMBLE CO	COM	742718109	75,633,251	516,127	SH SOLE	0	516,127
PROG HOLDINGS INC	COM NPV	74319R101	298,312	9,651	SH SOLE	0	9,651
PROGRESS SOFTWARE CORP	COM	743312100	510,474	9,401	SH SOLE	0	9,401
PROGRESSIVE CORP	COM	743315103	20,406,316	128,116	SH SOLE	0	128,116
PROGYNY INC	COM	74340E103	684,038	18,398	SH SOLE	0	18,398
PROLOGIS INC.	COM	74340W103	49,344,861	370,179	SH SOLE	0	370,179
PROPETRO HLDG CORP	COM	74347M108	153,496	18,317	SH SOLE	0	18,317
PROSPECT CAP CORP	NOTE 6.375% 3/0	74348TAT9	269,158	270,000	SH SOLE	0	270,000
PROSPERITY BANCSHARES INC	COM	743606105	1,400,589	20,679	SH SOLE	0	20,679
PROTO LABS INC	COM	743713109	216,773	5,564	SH SOLE	0	5,564
PRUDENTIAL FINL INC	COM	744320102	8,198,690	79,054	SH SOLE	0	79,054
PTC INC	COM	69370C100	4,552,984	26,023	SH SOLE	0	26,023
PUBLIC STORAGE	COM	74460D109	19,260,750	63,150	SH SOLE	0	63,150
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	57,200,750	935,417	SH SOLE	0	935,417
PULTE GROUP INC	COM	745867101	4,873,326	47,213	SH SOLE	0	47,213

PVH CORPORATION	COM	693656100	1,628,226	13,333 SH SOLE	0	13,333
QORVO INC	COM	74736K101	2,400,620	21,318 SH SOLE	0	21,318
QUAKER HOUGHTON	COM	747316107	637,699	2,988 SH SOLE	0	2,988
QUALCOMM INC	COM	747525103	35,251,104	243,733 SH SOLE	0	243,733
QUALYS INC	COM	74758T303	1,593,205	8,117 SH SOLE	0	8,117
QUANEX BLDG PRODS CORP	COM	747619104	217,597	7,118 SH SOLE	0	7,118
QUANTA SVCS INC	COM	74762E102	6,865,893	31,816 SH SOLE	0	31,816
QUDIAN INC	ADR	747798106	634,346	310,954 SH SOLE	0	310,954
QUEST DIAGNOSTICS INC	COM	74834L100	3,394,881	24,622 SH SOLE	0	24,622
QUIDELORTHO CORP	COM	219798105	804,141	10,911 SH SOLE	0	10,911
QUINSTREET INC	COM	74874Q100	143,443	11,189 SH SOLE	0	11,189
R1 RCM INC	COM	77634L105	459,267	43,450 SH SOLE	0	43,450
RADIAN GROUP INC	COM	750236101	943,606	33,051 SH SOLE	0	33,051
RADNET INC	COM	750491102	453,401	13,040 SH SOLE	0	13,040
RADWARE LTD	ORD	M81873107	215,856	12,941 SH SOLE	0	12,941
RALPH LAUREN CORP	CL A	751212101	1,255,261	8,705 SH SOLE	0	8,705
RAMBUS INC DEL	COM	750917106	1,619,095	23,723 SH SOLE	0	23,723
RANGE RES CORP	COM	75281A109	1,620,808	53,246 SH SOLE	0	53,246
RAYMOND JAMES FINL INC	COM	754730109	4,588,448	41,152 SH SOLE	0	41,152
RAYONIER INC	COM	754907103	1,005,775	30,104 SH SOLE	0	30,104
RBC BEARINGS INC	COM	75524B104	1,828,424	6,418 SH SOLE	0	6,418
READY CAPITAL CORP	COM	75574U101	350,263	34,172 SH SOLE	0	34,172
REALTY INCOME CORP	COM	756109104	16,667,131	290,267 SH SOLE	0	290,267
REDWOOD TRUST INC	COM	758075402	189,703	25,601 SH SOLE	0	25,601
REGAL REXNORD CORPORATION	COM	758750103	2,167,013	14,640 SH SOLE	0	14,640
REGENCY CTRS CORP	COM	758849103	4,610,672	68,816 SH SOLE	0	68,816
REGENERON PHARMACEUTICALS	COM	75886F107	20,604,683	23,460 SH SOLE	0	23,460
REGIONS FINANCIAL CORP NEW	COM	7591EP100	3,947,163	203,672 SH SOLE	0	203,672
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	2,352,767	14,543 SH SOLE	0	14,543
RELIANCE STEEL & ALUMINUM CO	COM	759509102	3,546,622	12,681 SH SOLE	0	12,681
RENAISSANCERE HLDGS LTD	COM	G7496G103	2,270,268	11,583 SH SOLE	0	11,583
RENASANT CORP	COM	75970E107	408,033	12,115 SH SOLE	0	12,115
REPLIGEN CORP	COM	759916109	2,059,969	11,457 SH SOLE	0	11,457
REPUBLIC SVCS INC	COM	760759100	7,385,659	44,786 SH SOLE	0	44,786
RESIDEO TECHNOLOGIES INC	COM	76118Y104	592,943	31,506 SH SOLE	0	31,506
RESMED INC	COM	761152107	5,540,936	32,211 SH SOLE	0	32,211
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	694,387	49,493 SH SOLE	0	49,493
REVVITY INC	COM	714046109	2,954,103	27,025 SH SOLE	0	27,025
REXFORD INDL RLTY INC	COM	76169C100	4,759,244	84,835 SH SOLE	0	84,835
RH	COM	74967X103	993,947	3,410 SH SOLE	0	3,410
RISKIFIED LTD	SHS CL A	M8216R109	96,801	20,684 SH SOLE	0	20,684
RLI CORP	COM	749607107	1,179,443	8,860 SH SOLE	0	8,860
RLJ LODGING TR	COM	74965L101	327,340	27,930 SH SOLE	0	27,930
ROBERT HALF INC.	COM	770323103	2,038,865	23,190 SH SOLE	0	23,190
ROCKWELL AUTOMATION INC	COM	773903109	7,796,774	25,112 SH SOLE	0	25,112
ROGERS CORP	COM	775133101	477,565	3,616 SH SOLE	0	3,616
ROLLINS INC	COM	775711104	2,684,744	61,478 SH SOLE	0	61,478
ROPER TECHNOLOGIES INC	COM	776696106	12,753,162	23,393 SH SOLE	0	23,393
ROSS STORES INC	COM	778296103	10,262,449	74,156 SH SOLE	0	74,156
ROYAL CARIBBEAN GROUP	COM	V7780T103	6,684,662	51,623 SH SOLE	0	51,623
ROYAL GOLD INC	COM	780287108	1,753,315	14,495 SH SOLE	0	14,495
RPC INC	COM	749660106	133,654	18,359 SH SOLE	0	18,359
RPM INTL INC	COM	749685103	3,173,306	28,427 SH SOLE	0	28,427
RPT REALTY	SH BEN INT	74971D101	196,645	15,327 SH SOLE	0	15,327
RTX CORPORATION	COM	75513E101	26,494,171	314,882 SH SOLE	0	314,882
RXO INC	COMMON STOCK	74982T103	587,268	25,248 SH SOLE	0	25,248
RYANAIR HOLDINGS PLC	SPONSORED ADS	783513203	23,966,259	179,711 SH SOLE	0	179,711
RYDER SYS INC	COM	783549108	1,125,287	9,780 SH SOLE	0	9,780
RYMAN HOSPITALITY PPTYS INC	COM	78377T107	1,157,941	10,521 SH SOLE	0	10,521
S & T BANCORP INC	COM	783859101	275,748	8,251 SH SOLE	0	8,251
S&P GLOBAL INC	COM	78409V104	31,255,775	70,952 SH SOLE	0	70,952
SABRA HEALTH CARE REIT INC	COM	78573L106	1,323,528	92,749 SH SOLE	0	92,749
SABRE CORP	COM	78573M104	360,312	81,889 SH SOLE	0	81,889
SAFEHOLD INC	COM	78646V107	431,285	18,431 SH SOLE	0	18,431
SAFETY INS GROUP INC	COM	78648T100	242,560	3,192 SH SOLE	0	3,192
SAIA INC	COM	78709Y105	2,567,093	5,858 SH SOLE	0	5,858
SALESFORCE INC	COM	79466L302	56,068,292	213,074 SH SOLE	0	213,074

SALLY BEAUTY HLDGS INC	COM	79546E104	308,840	23,256	SH SOLE	0	23,256
SANMINA CORPORATION	COM	801056102	634,368	12,349	SH SOLE	0	12,349
SAPIENS INTL CORP N V	SHS	G7T16G103	413,437	14,286	SH SOLE	0	14,286
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	45,542,429	179,520	SH SOLE	0	179,520
SCANSOURCE INC	COM	806037107	213,419	5,388	SH SOLE	0	5,388
SCHLUMBERGER LTD	COM STK	806857108	16,278,841	312,814	SH SOLE	0	312,814
SCHOLASTIC CORP	COM	807066105	222,128	5,892	SH SOLE	0	5,892
SCHRODINGER INC	COM	80810D103	422,547	11,803	SH SOLE	0	11,803
SCHWAB CHARLES CORP	COM	808513105	22,421,851	325,899	SH SOLE	0	325,899
SCIENCE APPLICATIONS INTL CO	COM	808625107	1,452,182	11,681	SH SOLE	0	11,681
SCOTTS MIRACLE-GRO CO	CL A	810186106	584,588	9,170	SH SOLE	0	9,170
SCREAMING EAGLE ACQUISITN CO		G79407105	4,239,989	399,999	SH SOLE	0	399,999
SCRIPPS E W CO OHIO	CL A NEW	811054402	101,513	12,705	SH SOLE	0	12,705
SEA LTD	SPONSORD ADS	81141R100	29,120,472	719,024	SH SOLE	0	719,024
SEACOAST BKG CORP FLA	COM NEW	811707801	522,924	18,374	SH SOLE	0	18,374
SEAGATE TECHNOLOGY HLDNGS PL	ORD SHS	G7997R103	3,636,933	42,602	SH SOLE	0	42,602
SEALED AIR CORP NEW	COM	81211K100	1,138,255	31,168	SH SOLE	0	31,168
SEI INVTS CO	COM	784117103	1,402,358	22,067	SH SOLE	0	22,067
SELECT MED HLDGS CORP	COM	81619Q105	533,145	22,687	SH SOLE	0	22,687
SELECTIVE INS GROUP INC	COM	816300107	1,329,948	13,369	SH SOLE	0	13,369
SEMPRA	COM	816851109	88,547,577	1,184,900	SH SOLE	0	1,184,900
SEMTECH CORP	COM	816850101	303,410	13,848	SH SOLE	0	13,848
SENSATA TECHNOLOGIES HLDG PL	SHS	G8060N102	1,254,763	33,398	SH SOLE	0	33,398
SENSIENT TECHNOLOGIES CORP	COM	81725T100	601,722	9,117	SH SOLE	0	9,117
SERVICE CORP INTL	COM	817565104	2,231,538	32,601	SH SOLE	0	32,601
SERVICE PPTYS TR	COM SH BEN INT	81761L102	560,651	65,650	SH SOLE	0	65,650
SERVICENOW INC	COM	81762P102	31,715,749	44,892	SH SOLE	0	44,892
SERVISFIRST BANCSHARES INC	COM	81768T108	704,412	10,572	SH SOLE	0	10,572
SHAKE SHACK INC	CL A	819047101	599,705	8,091	SH SOLE	0	8,091
SHENANDOAH TELECOMMUNICATION	COM	82312B106	234,512	10,847	SH SOLE	0	10,847
SHERWIN WILLIAMS CO	COM	824348106	16,084,371	51,569	SH SOLE	0	51,569
SHOCKWAVE MED INC	COM	82489T104	1,551,540	8,142	SH SOLE	0	8,142
SHOPIFY INC	CL A	82509L107	8,528,882	109,485	SH SOLE	0	109,485
SHUTTERSTOCK INC	COM	825690100	249,270	5,163	SH SOLE	0	5,163
SIGNET JEWELERS LIMITED	SHS	G81276100	1,038,920	9,686	SH SOLE	0	9,686
SILGAN HLDGS INC	COM	827048109	808,165	17,860	SH SOLE	0	17,860
SILICON LABORATORIES INC	COM	826919102	927,477	7,012	SH SOLE	0	7,012
SILVERBOX CORP III	COM CL A	82836N107	2,584,990	249,999	SH SOLE	0	249,999
SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	535,878	27,010	SH SOLE	0	27,010
SIMON PPTY GROUP INC NEW	COM	828806109	18,607,103	130,448	SH SOLE	0	130,448
SIMPLY GOOD FOODS CO	COM	82900L102	774,536	19,559	SH SOLE	0	19,559
SIMPSON MFG INC	COM	829073105	1,864,180	9,416	SH SOLE	0	9,416
SIRIUSPOINT LTD	COM	G8192H106	226,525	19,528	SH SOLE	0	19,528
SITE CTRS CORP	COM	82981J109	997,784	73,205	SH SOLE	0	73,205
SITIME CORP	COM	82982T106	455,480	3,731	SH SOLE	0	3,731
SIX FLAGS ENTMT CORP NEW	COM	83001A102	388,815	15,503	SH SOLE	0	15,503
SJW GROUP	COM	784305104	3,845,978	58,852	SH SOLE	0	58,852
SKECHERS U S A INC	CL A	830566105	1,837,721	29,479	SH SOLE	0	29,479
SKYWEST INC	COM	830879102	461,187	8,835	SH SOLE	0	8,835
SKYWORKS SOLUTIONS INC	COM	83088M102	3,924,020	34,905	SH SOLE	0	34,905
SL GREEN RLTY CORP	COM	78440X887	1,155,494	25,581	SH SOLE	0	25,581
SLM CORP	COM	78442P106	954,642	49,929	SH SOLE	0	49,929
SM ENERGY CO	COM	78454L100	971,872	25,100	SH SOLE	0	25,100
SMART GLOBAL HLDGS INC	SHS	G8232Y101	212,092	11,204	SH SOLE	0	11,204
SMITH A O CORP	COM	831865209	2,217,471	26,898	SH SOLE	0	26,898
SMUCKER J M CO	COM NEW	832696405	2,937,198	23,241	SH SOLE	0	23,241
SNAP ON INC	COM	833034101	3,338,413	11,558	SH SOLE	0	11,558
SOLAREDGE TECHNOLOGIES INC	COM	83417M104	1,147,442	12,259	SH SOLE	0	12,259
SONOCO PRODS CO	COM	835495102	1,207,630	21,615	SH SOLE	0	21,615
SONOS INC	COM	83570H108	474,384	27,677	SH SOLE	0	27,677
SOTERA HEALTH CO	COM	83601L102	367,785	21,827	SH SOLE	0	21,827
SOUTHERN CO	COM	842587107	143,760,024	2,050,200	SH SOLE	0	2,050,200
SOUTHERN COPPER CORP	COM	84265V105	7,247,008	84,199	SH SOLE	0	84,199
SOUTHSTATE CORPORATION	COM	840441109	1,417,409	16,784	SH SOLE	0	16,784
SOUTHWEST AIRLS CO	COM	844741108	3,770,024	130,541	SH SOLE	0	130,541
SOUTHWEST GAS HLDGS INC	COM	844895102	839,768	13,256	SH SOLE	0	13,256
SOUTHWESTERN ENERGY CO	COM	845467109	1,591,958	243,047	SH SOLE	0	243,047

SPARK I ACQUISITION CORP	ORD SHS	G8316B100	1,875,900	185,000 SH SOLE	0	185,000
SPARK I ACQUISITION CORP	UNIT 09/28/202	G8316B126	680,266	66,791 SH SOLE	0	66,791
SPDR S&P 500 ETF TR	TR UNIT	78462F103	188,070,661	395,680 SH SOLE	0	395,680
SPIRE INC	COM	84857L101	6,016,309	96,508 SH SOLE	0	96,508
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	2,481,199	56,791 SH SOLE	0	56,791
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	6,142,966	32,691 SH SOLE	0	32,691
SPRING VALLEY ACQUISTN CORP	CLASS A ORD	G83752108	2,162,000	200,000 SH SOLE	0	200,000
SPROUTS FMRS MKT INC	COM	85208M102	1,078,145	22,410 SH SOLE	0	22,410
SPS COMM INC	COM	78463M107	1,535,019	7,919 SH SOLE	0	7,919
SPX TECHNOLOGIES INC	COM	78473E103	994,949	9,850 SH SOLE	0	9,850
ST JOE CO	COM	790148100	462,423	7,684 SH SOLE	0	7,684
STAAR SURGICAL CO	COM PAR \$0.01	852312305	328,766	10,534 SH SOLE	0	10,534
STAG INDL INC	COM	85254J102	2,869,749	73,096 SH SOLE	0	73,096
STANDEX INTL CORP	COM	854231107	406,720	2,568 SH SOLE	0	2,568
STANLEY BLACK & DECKER INC	COM	854502101	3,293,511	33,573 SH SOLE	0	33,573
STARBUCKS CORP	COM	855244109	24,023,142	250,215 SH SOLE	0	250,215
STARWOOD PPTY TR INC	COM	85571B105	1,380,173	65,660 SH SOLE	0	65,660
STATE STR CORP	COM	857477103	5,234,437	67,576 SH SOLE	0	67,576
STEALTHGAS INC	SHS	Y81669106	119,568	18,509 SH SOLE	0	18,509
STEEL DYNAMICS INC	COM	858119100	3,933,793	33,309 SH SOLE	0	33,309
STELLAR BANCORP INC	COM	858927106	281,574	10,114 SH SOLE	0	10,114
STEPAN CO	COM	858586100	433,512	4,585 SH SOLE	0	4,585
STERICYCLE INC	COM	858912108	1,011,817	20,416 SH SOLE	0	20,416
STERIS PLC	SHS USD	G8473T100	4,756,675	21,636 SH SOLE	0	21,636
STEWART INFORMATION SVCS COR	COM	860372101	346,860	5,904 SH SOLE	0	5,904
STIFEL FINL CORP	COM	860630102	1,556,359	22,507 SH SOLE	0	22,507
STONEX GROUP INC	COM	861896108	427,328	5,788 SH SOLE	0	5,788
STRATEGIC ED INC	COM	86272C103	438,019	4,742 SH SOLE	0	4,742
STRIDE INC	COM	86333M108	509,216	8,577 SH SOLE	0	8,577
STRYKER CORPORATION	COM	863667101	22,172,318	74,041 SH SOLE	0	74,041
SUMMIT HOTEL PPTYS INC	COM	866082100	283,584	42,200 SH SOLE	0	42,200
SUN CMNTYS INC	COM	866674104	2,985,741	22,340 SH SOLE	0	22,340
SUNCOKE ENERGY INC	COM	86722A103	194,115	18,074 SH SOLE	0	18,074
SUNPOWER CORP	COM	867652406	89,471	18,524 SH SOLE	0	18,524
SUNRUN INC	COM	86771W105	940,728	47,923 SH SOLE	0	47,923
SUNSTONE HOTEL INVS INC NEW	COM	867892101	880,729	82,081 SH SOLE	0	82,081
SUPER MICRO COMPUTER INC	COM	86800U104	2,909,401	10,235 SH SOLE	0	10,235
SUPERNUS PHARMACEUTICALS INC	COM	868459108	341,174	11,789 SH SOLE	0	11,789
SYLVAMO CORP	COMMON STOCK	871332102	374,316	7,622 SH SOLE	0	7,622
SYNAPTICS INC	COM	87157D109	986,792	8,650 SH SOLE	0	8,650
SYNCHRONY FINANCIAL	COM	87165B103	3,460,701	90,618 SH SOLE	0	90,618
SYNOPSIS INC	COM	871607107	17,148,563	33,304 SH SOLE	0	33,304
SYNOVUS FINL CORP	COM NEW	87161C501	1,214,966	32,270 SH SOLE	0	32,270
SYSCO CORP	COM	871829107	8,074,576	110,414 SH SOLE	0	110,414
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	5,574,664	34,636 SH SOLE	0	34,636
TALOS ENERGY INC	COM	87484T108	308,620	21,688 SH SOLE	0	21,688
TANDEM DIABETES CARE INC	COM NEW	875372203	415,392	14,043 SH SOLE	0	14,043
TANGER INC	COM	875465106	1,140,789	41,154 SH SOLE	0	41,154
TAPESTRY INC	COM	876030107	1,847,457	50,189 SH SOLE	0	50,189
TARGA RES CORP	COM	87612G101	32,115,318	369,694 SH SOLE	0	369,694
TARGET CORP	COM	87612E106	14,396,526	101,085 SH SOLE	0	101,085
TAYLOR MORRISON HOME CORP	COM	87724P106	1,264,929	23,710 SH SOLE	0	23,710
TD SYNEX CORPORATION	COM	87162W100	1,217,930	11,318 SH SOLE	0	11,318
TE CONNECTIVITY LTD	SHS	H84989104	9,562,009	68,057 SH SOLE	0	68,057
TECK RESOURCES LTD	CL B	878742204	5,960,070	141,000 SH SOLE	0	141,000
TEGNA INC	COM	87901J105	664,984	43,463 SH SOLE	0	43,463
TELEDYNE TECHNOLOGIES INC	COM	879360105	4,611,515	10,333 SH SOLE	0	10,333
TELEFLEX INCORPORATED	COM	879369106	2,565,958	10,291 SH SOLE	0	10,291
TELEPHONE & DATA SYS INC	COM NEW	879433829	390,360	21,273 SH SOLE	0	21,273
TEMPUR SEALY INTL INC	COM	88023U101	1,937,574	38,014 SH SOLE	0	38,014
TENCENT MUSIC ENTMT GROUP	SPON ADS	88034P109	8,299,084	921,097 SH SOLE	0	921,097
TENET HEALTHCARE CORP	COM NEW	88033G407	1,693,373	22,408 SH SOLE	0	22,408
TENNANT CO	COM	880345103	373,633	4,031 SH SOLE	0	4,031
TERADATA CORP DEL	COM	88076W103	938,946	21,580 SH SOLE	0	21,580
TERADYNE INC	COM	880770102	3,633,141	33,479 SH SOLE	0	33,479
TEREX CORP NEW	COM	880779103	853,281	14,850 SH SOLE	0	14,850
TERRENO RLTY CORP	COM	88146M101	936,415	14,942 SH SOLE	0	14,942

TESLA INC	COM	88160R101	150,490,421	605,644	SH SOLE	0	605,644
TETRA TECH INC NEW	COM	88162G103	1,961,261	11,749	SH SOLE	0	11,749
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	1,866,954	178,827	SH SOLE	0	178,827
TEXAS CAP BANCSHARES INC	COM	88224Q107	684,819	10,596	SH SOLE	0	10,596
TEXAS INSTRS INC	COM	882508104	33,901,937	198,885	SH SOLE	0	198,885
TEXAS ROADHOUSE INC	COM	882681109	1,801,181	14,736	SH SOLE	0	14,736
TEXTRON INC	COM	883203101	3,451,868	42,923	SH SOLE	0	42,923
THE CIGNA GROUP	COM	125523100	19,188,756	64,080	SH SOLE	0	64,080
THE ODP CORP	COM	88337F105	404,178	7,179	SH SOLE	0	7,179
THERMO FISHER SCIENTIFIC INC	COM	883556102	44,910,142	84,610	SH SOLE	0	84,610
THOR INDS INC	COM	885160101	1,390,147	11,756	SH SOLE	0	11,756
TIMKEN CO	COM	887389104	1,147,908	14,322	SH SOLE	0	14,322
TITAN INTL INC ILL	COM	88830M102	162,460	10,918	SH SOLE	0	10,918
TJX COS INC NEW	COM	872540109	23,503,064	250,539	SH SOLE	0	250,539
TKO GROUP HOLDINGS INC	CL A	87256C101	1,080,038	13,239	SH SOLE	0	13,239
T-MOBILE US INC	COM	872590104	17,865,732	111,431	SH SOLE	0	111,431
TOLL BROTHERS INC	COM	889478103	2,437,768	23,716	SH SOLE	0	23,716
TOPBUILD CORP	COM	89055F103	2,623,937	7,011	SH SOLE	0	7,011
TOPGOLF CALLAWAY BRANDS CORP	COM	131193104	439,650	30,659	SH SOLE	0	30,659
TORO CO	COM	891092108	2,199,515	22,914	SH SOLE	0	22,914
TORONTO DOMINION BK ONT	COM NEW	891160509	18,893,021	290,964	SH SOLE	0	290,964
TRACTOR SUPPLY CO	COM	892356106	5,091,050	23,676	SH SOLE	0	23,676
TRAILBLAZER MERGER CORP I	CL A	89278D109	2,705,960	258,696	SH SOLE	0	258,696
TRANE TECHNOLOGIES PLC	SHS	G8994E103	12,198,902	50,016	SH SOLE	0	50,016
TRANSDIGM GROUP INC	COM	893641100	12,253,511	12,113	SH SOLE	0	12,113
TRAVEL PLUS LEISURE CO	COM	894164102	624,658	15,980	SH SOLE	0	15,980
TRAVELERS COMPANIES INC	COM	89417E109	9,527,548	50,016	SH SOLE	0	50,016
TREEHOUSE FOODS INC	COM	89469A104	450,106	10,859	SH SOLE	0	10,859
TREX CO INC	COM	89531P105	1,983,814	23,962	SH SOLE	0	23,962
TRI POINTE HOMES INC	COM	87265H109	741,382	20,943	SH SOLE	0	20,943
TRIMBLE INC	COM	896239100	2,898,176	54,477	SH SOLE	0	54,477
TRINITY INDS INC	COM	896522109	469,766	17,667	SH SOLE	0	17,667
TRIPADVISOR INC	COM	896945201	502,295	23,330	SH SOLE	0	23,330
TRIUMPH FINANCIAL INC	COM	89679E300	374,761	4,674	SH SOLE	0	4,674
TRIUMPH GROUP INC NEW	COM	896818101	274,979	16,585	SH SOLE	0	16,585
TRUIST FINL CORP	COM	89832Q109	10,782,708	292,056	SH SOLE	0	292,056
TRUPANION INC	COM	898202106	235,232	7,710	SH SOLE	0	7,710
TRUSTMARK CORP	COM	898402102	367,403	13,178	SH SOLE	0	13,178
TTM TECHNOLOGIES INC	COM	87305R109	348,832	22,064	SH SOLE	0	22,064
TUYA INC	SPONSERED ADS	90114C107	26,043	11,323	SH SOLE	0	11,323
TWO HBRS INVT CORP	COM	90187B804	289,145	20,757	SH SOLE	0	20,757
TYLER TECHNOLOGIES INC	COM	902252105	3,852,976	9,215	SH SOLE	0	9,215
TYSON FOODS INC	CL A	902494103	3,357,333	62,462	SH SOLE	0	62,462
U S PHYSICAL THERAPY	COM	90337L108	301,215	3,234	SH SOLE	0	3,234
U S SILICA HLDGS INC	COM	90346E103	188,300	16,649	SH SOLE	0	16,649
UBER TECHNOLOGIES INC	COM	90353T100	27,746,151	450,644	SH SOLE	0	450,644
UDR INC	COM	902653104	4,821,132	125,911	SH SOLE	0	125,911
UFP INDUSTRIES INC	COM	90278Q108	1,712,502	13,640	SH SOLE	0	13,640
UFP TECHNOLOGIES INC	COM	902673102	260,985	1,517	SH SOLE	0	1,517
UGI CORP NEW	COM	902681105	1,137,086	46,223	SH SOLE	0	46,223
ULTA BEAUTY INC	COM	90384S303	5,282,582	10,781	SH SOLE	0	10,781
ULTRA CLEAN HLDGS INC	COM	90385V107	330,270	9,674	SH SOLE	0	9,674
UMB FINL CORP	COM	902788108	805,255	9,638	SH SOLE	0	9,638
UNDER ARMOUR INC	CL A	904311107	366,165	41,657	SH SOLE	0	41,657
UNDER ARMOUR INC	CL C	904311206	356,386	42,681	SH SOLE	0	42,681
UNIFIRST CORP MASS	COM	904708104	596,287	3,260	SH SOLE	0	3,260
UNION PAC CORP	COM	907818108	126,569,214	515,305	SH SOLE	0	515,305
UNITED AIRLS HLDGS INC	COM	910047109	2,963,417	71,823	SH SOLE	0	71,823
UNITED BANKSHARES INC WEST V	COM	909907107	1,118,014	29,774	SH SOLE	0	29,774
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	751,251	25,675	SH SOLE	0	25,675
UNITED NAT FOODS INC	COM	911163103	208,069	12,820	SH SOLE	0	12,820
UNITED PARCEL SERVICE INC	CL B	911312106	24,902,716	158,384	SH SOLE	0	158,384
UNITED RENTALS INC	COM	911363109	8,511,273	14,843	SH SOLE	0	14,843
UNITED STATES STL CORP NEW	COM	912909108	2,394,310	49,215	SH SOLE	0	49,215
UNITED THERAPEUTICS CORP DEL	COM	91307C102	2,277,181	10,356	SH SOLE	0	10,356
UNITEDHEALTH GROUP INC	COM	91324P102	106,634,919	202,547	SH SOLE	0	202,547
UNITI GROUP INC	COM	91325V108	2,264,829	391,839	SH SOLE	0	391,839

UNIVERSAL CORP VA	COM	913456109	356,796	5,300 SH SOLE	0	5,300
UNIVERSAL DISPLAY CORP	COM	91347P105	1,838,774	9,614 SH SOLE	0	9,614
UNIVERSAL HEALTH RLTY INCOME	SH BEN INT	91359E105	219,494	5,075 SH SOLE	0	5,075
UNIVERSAL HLTH SVCS INC	CL B	913903100	2,036,598	13,360 SH SOLE	0	13,360
UNUM GROUP	COM	91529Y106	1,829,420	40,456 SH SOLE	0	40,456
UP FINTECH HLDG LTD	SPONSORED ADS	91531W106	125,855	28,474 SH SOLE	0	28,474
UPBOUND GROUP INC	COM	76009N100	326,350	9,607 SH SOLE	0	9,607
URBAN EDGE PPTYS	COM	91704F104	845,533	46,204 SH SOLE	0	46,204
URBAN OUTFITTERS INC	COM	917047102	435,846	12,212 SH SOLE	0	12,212
US BANCORP DEL	COM NEW	902973304	14,756,879	340,963 SH SOLE	0	340,963
US FOODS HLDG CORP	COM	912008109	2,266,368	49,909 SH SOLE	0	49,909
V F CORP	COM	918204108	1,360,857	72,386 SH SOLE	0	72,386
VAIL RESORTS INC	COM	91879Q109	1,794,215	8,405 SH SOLE	0	8,405
VALARIS LTD	CL A	G9460G101	948,529	13,833 SH SOLE	0	13,833
VALERO ENERGY CORP	COM	91913Y100	9,692,150	74,555 SH SOLE	0	74,555
VALLEY NATL BANCORP	COM	919794107	1,021,937	94,101 SH SOLE	0	94,101
VALMONT INDS INC	COM	920253101	1,076,481	4,610 SH SOLE	0	4,610
VALVOLINE INC	COM	92047W101	1,149,835	30,597 SH SOLE	0	30,597
VECTOR GROUP LTD	COM	92240M108	322,619	28,601 SH SOLE	0	28,601
VEECO INSTRS INC DEL	COM	922417100	377,263	12,158 SH SOLE	0	12,158
VENTAS INC	COM	92276F100	8,011,979	160,754 SH SOLE	0	160,754
VERADIGM INC	COM	01988P108	247,323	23,577 SH SOLE	0	23,577
VERALTO CORP	COM SHS	92338C103	3,948,891	48,005 SH SOLE	0	48,005
VERICEL CORP	COM	92346J108	366,747	10,299 SH SOLE	0	10,299
VERIS RESIDENTIAL INC	COM	554489104	497,823	31,648 SH SOLE	0	31,648
VERISIGN INC	COM	92343E102	4,006,334	19,452 SH SOLE	0	19,452
VERISK ANALYTICS INC	COM	92345Y106	7,585,955	31,759 SH SOLE	0	31,759
VERITEX HLDGS INC	COM	923451108	272,771	11,722 SH SOLE	0	11,722
VERIZON COMMUNICATIONS INC	COM	92343V104	34,708,279	920,644 SH SOLE	0	920,644
VERRA MOBILITY CORP	CL A COM STK	92511U102	826,524	35,889 SH SOLE	0	35,889
VERTEX ENERGY INC	COM	92534K107	4,472,993	1,319,467 SH SOLE	0	1,319,467
VERTEX PHARMACEUTICALS INC	COM	92532F100	22,960,396	56,429 SH SOLE	0	56,429
VESTIS CORPORATION	COM SHS	29430C102	596,338	28,209 SH SOLE	0	28,209
VIASAT INC	COM	92552V100	450,582	16,121 SH SOLE	0	16,121
VIATRIS INC	COM	92556V106	2,845,171	262,712 SH SOLE	0	262,712
VIAVI SOLUTIONS INC	COM	925550105	483,269	47,991 SH SOLE	0	47,991
VICI PPTYS INC	COM	925652109	13,217,384	414,598 SH SOLE	0	414,598
VICOR CORP	COM	925815102	218,858	4,870 SH SOLE	0	4,870
VICTORIAS SECRET AND CO	COMMON STOCK	926400102	442,555	16,675 SH SOLE	0	16,675
VICTORY CAP HLDGS INC	COM CL A	92645B103	8,626,359	250,475 SH SOLE	0	250,475
VIPSHOP HLDGS LTD	SPONSORED ADS	92763W103	4,913,073	276,637 SH SOLE	0	276,637
VIR BIOTECHNOLOGY INC	COM	92764N102	186,895	18,578 SH SOLE	0	18,578
VIRTUS INVT PARTNERS INC	COM	92828Q109	352,244	1,457 SH SOLE	0	1,457
VISA INC	COM CL A	92826C839	90,879,073	349,065 SH SOLE	0	349,065
VISHAY INTERTECHNOLOGY INC	COM	928298108	667,708	27,856 SH SOLE	0	27,856
VISTA OUTDOOR INC	COM	928377100	370,542	12,531 SH SOLE	0	12,531
VISTEON CORP	COM NEW	92839U206	766,511	6,137 SH SOLE	0	6,137
VISTRA CORP	COM	92840M102	2,856,759	74,163 SH SOLE	0	74,163
VITAL ENERGY INC	COM	516806205	243,281	5,348 SH SOLE	0	5,348
VONTIER CORPORATION	COM	928881101	1,176,566	34,054 SH SOLE	0	34,054
VORNADO RLTY TR	SH BEN INT	929042109	1,903,965	67,397 SH SOLE	0	67,397
VOYA FINANCIAL INC	COM	929089100	1,681,874	23,052 SH SOLE	0	23,052
VULCAN MATLS CO	COM	929160109	6,605,310	29,097 SH SOLE	0	29,097
WABASH NATL CORP	COM	929566107	254,791	9,945 SH SOLE	0	9,945
WABTEC	COM	929740108	4,978,668	39,233 SH SOLE	0	39,233
WAFD INC	COM	938824109	460,451	13,970 SH SOLE	0	13,970
WALGREENS BOOTS ALLIANCE INC	COM	931427108	4,099,923	157,025 SH SOLE	0	157,025
WALKER & DUNLOP INC	COM	93148P102	801,270	7,218 SH SOLE	0	7,218
WALMART INC	COM	931142103	49,248,441	312,391 SH SOLE	0	312,391
WARNER BROS DISCOVERY INC	COM SER A	934423104	5,530,145	485,953 SH SOLE	0	485,953
WARRIOR MET COAL INC	COM	93627C101	684,388	11,225 SH SOLE	0	11,225
WASTE MGMT INC DEL	COM	94106L109	14,375,282	80,264 SH SOLE	0	80,264
WATERS CORP	COM	941848103	4,262,870	12,948 SH SOLE	0	12,948
WATSCO INC	COM	942622200	3,201,956	7,473 SH SOLE	0	7,473
WATTS WATER TECHNOLOGIES INC	CL A	942749102	1,258,165	6,039 SH SOLE	0	6,039
WD 40 CO	COM	929236107	699,280	2,925 SH SOLE	0	2,925
WEATHERFORD INTL PLC	ORD SHS	G48833118	1,556,867	15,914 SH SOLE	0	15,914

WEBSTER FINL CORP	COM	947890109	1,926,850	37,960 SH SOLE	0	37,960
WEC ENERGY GROUP INC	COM	92939U106	49,944,205	593,373 SH SOLE	0	593,373
WELLS FARGO CO NEW	COM	949746101	39,143,780	795,282 SH SOLE	0	795,282
WELLTOWER INC	COM	95040Q104	19,732,713	218,839 SH SOLE	0	218,839
WENDYS CO	COM	95058W100	718,130	36,865 SH SOLE	0	36,865
WERNER ENTERPRISES INC	COM	950755108	592,714	13,989 SH SOLE	0	13,989
WESCO INTL INC	COM	95082P105	1,685,419	9,693 SH SOLE	0	9,693
WEST PHARMACEUTICAL SVSC INC	COM	955306105	5,705,400	16,203 SH SOLE	0	16,203
WESTAMERICA BANCORPORATION	COM	957090103	324,414	5,751 SH SOLE	0	5,751
WESTERN DIGITAL CORP.	COM	958102105	3,718,532	71,005 SH SOLE	0	71,005
WESTERN DIGITAL CORP.	NOTE 1.500% 2/0	958102AP0	896,400	900,000 SH SOLE	0	900,000
WESTERN UN CO	COM	959802109	958,356	80,399 SH SOLE	0	80,399
WESTLAKE CORPORATION	COM	960413102	989,377	7,069 SH SOLE	0	7,069
WESTROCK CO	COM	96145D105	2,331,306	56,149 SH SOLE	0	56,149
WEX INC	COM	96208T104	1,834,607	9,430 SH SOLE	0	9,430
WEYERHAEUSER CO MTN BE	COM NEW	962166104	5,558,367	159,861 SH SOLE	0	159,861
WHIRLPOOL CORP	COM	963320106	1,462,701	12,012 SH SOLE	0	12,012
WHITESTONE REIT	COM	966084204	124,928	10,165 SH SOLE	0	10,165
WILEY JOHN & SONS INC	CL A	968223206	291,024	9,169 SH SOLE	0	9,169
WILLIAMS COS INC	COM	969457100	70,868,671	2,034,702 SH SOLE	0	2,034,702
WILLIAMS SONOMA INC	COM	969904101	2,855,994	14,154 SH SOLE	0	14,154
WILLIS TOWERS WATSON PLC LTD	SHS	G96629103	5,454,256	22,613 SH SOLE	0	22,613
WINGSTOP INC	COM	974155103	1,665,461	6,491 SH SOLE	0	6,491
WINNEBAGO INDS INC	COM	974637100	470,295	6,453 SH SOLE	0	6,453
WINTRUST FINL CORP	COM	97650W108	1,253,238	13,512 SH SOLE	0	13,512
WISDOMTREE INC	COM	97717P104	165,128	23,828 SH SOLE	0	23,828
WIX COM LTD	SHS	M98068105	1,078,147	8,764 SH SOLE	0	8,764
WK KELLOGG CO	COM SHS	92942W107	186,956	14,228 SH SOLE	0	14,228
WNS HLDGS LTD	SPON ADR	92932M101	1,610,210	25,478 SH SOLE	0	25,478
WOLFSPEED INC	COM	977852102	1,203,226	27,654 SH SOLE	0	27,654
WOLVERINE WORLD WIDE INC	COM	978097103	152,570	17,162 SH SOLE	0	17,162
WOODWARD INC	COM	980745103	1,814,885	13,332 SH SOLE	0	13,332
WORLD KINECT CORPORATION	COM	981475106	295,935	12,991 SH SOLE	0	12,991
WORTHINGTON ENTERPRISES INC	COM	981811102	378,506	6,577 SH SOLE	0	6,577
WP CAREY INC	COM	92936U109	5,624,795	86,789 SH SOLE	0	86,789
WSFS FINL CORP	COM	929328102	601,913	13,105 SH SOLE	0	13,105
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	1,471,985	18,306 SH SOLE	0	18,306
WYNN RESORTS LTD	COM	983134107	1,915,497	21,024 SH SOLE	0	21,024
XCEL ENERGY INC	COM	98389B100	64,161,419	1,036,366 SH SOLE	0	1,036,366
XENCOR INC	COM	98401F105	278,877	13,136 SH SOLE	0	13,136
XENIA HOTELS & RESORTS INC	COM	984017103	575,377	42,245 SH SOLE	0	42,245
XEROX HOLDINGS CORP	COM NEW	98421M106	447,252	24,400 SH SOLE	0	24,400
XPEL INC	COM	98379L100	247,225	4,591 SH SOLE	0	4,591
XPO INC	COM	983793100	2,241,428	25,590 SH SOLE	0	25,590
XYLEM INC	COM	98419M100	6,037,407	52,793 SH SOLE	0	52,793
YELP INC	CL A	985817105	699,496	14,776 SH SOLE	0	14,776
YETI HLDGS INC	COM	98585X104	992,364	19,165 SH SOLE	0	19,165
YOUDAO INC	SPONSORED ADS	98741T104	72,713	18,455 SH SOLE	0	18,455
YUM BRANDS INC	COM	988498101	8,020,433	61,384 SH SOLE	0	61,384
ZEBRA TECHNOLOGIES CORPORATI	CL A	989207105	3,074,143	11,247 SH SOLE	0	11,247
ZIFF DAVIS INC	COM	48123V102	681,777	10,147 SH SOLE	0	10,147
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	5,569,479	45,764 SH SOLE	0	45,764
ZIONS BANCORPORATION N A	COM	989701107	1,423,274	32,443 SH SOLE	0	32,443
ZOETIS INC	CL A	98978V103	19,843,580	100,540 SH SOLE	0	100,540
ZOOMINFO TECHNOLOGIES INC	COMMON STOCK	98980F104	1,208,636	65,367 SH SOLE	0	65,367

Total 13F Holdings-Q4-2023

13,776,969,463 171,637,365

171,637,365