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The reader should not assume that the information is accurate and complete.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 13F

OMB APPROVAL	
OMB Number:	3235-0006
Estimated average burden hours per response:	23.8

FORM 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: 12-31-2023

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: AMERICAN INTERNATIONAL GROUP, INC.
Address: 1271 Ave Of The Americas
FI 37
New York, NY 10020-1304
Form 13F File Number: 028-00219
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 represent 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: Sabra R. Purtill
Title: Executive Vice President and Chief Financial Officer
Phone: 212-770-7000

Signature, Place, and Date of Signing:

/s/ Sabra R. Purtill New York, NY 02-13-2024
[Signature] [City, State] [Date]

Report Type (Check only one.):

- 13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)
 13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)
 13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: 2
Form 13F Information Table Entry Total: 3,046
Form 13F Information Table Value Total: 17,245,164,623
(round to nearest dollar)

List of Other Included Managers:

Provide a numbered list of the name(s) and Form 13F file number(s) of all institutional investment managers with respect to which this report is filed, other than the manager filing this report.

[If there are no entries in this list, state "NONE" and omit the column headings and list entries.]

No.	Name	Form 13F File Number	CRD No. (if applicable)	SEC File No. (if	CIK
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applicable)

1	SUNAMERICA ASSET MANAGEMENT, LLC	028-02725	0000863926
2	Corebridge Institutional Investments (U.S.), LLC	028-13934	0001492070

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 13F

OMB APPROVAL

OMB Number: 3235-0006
Estimated average burden
hours per response: 23.8

FORM 13F INFORMATION TABLE

COLUMN 1 NAME OF ISSUER	COLUMN 2 TITLE OF CLASS	COLUMN 3 CUSIP	COLUMN 3 FIGI	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
				VALUE (to the nearest dollar)	SHRS OR PRN AMT	SH/ PRN	PUT/ CALL	INVESTMENT DISCRETION	OTHER MANAGER	VOTING AUTHORITY SOLE SHARED NONE		
1 800 FLOWERS.COM INC CL A	CL A	68243Q106		139,558	12,946	SH		SOLE	1	12,946	0	0
10X GENOMICS INC CLASS A	CL A	88025U109		86,906	1,553	SH		SOLE	1	1,553	0	0
1ST SOURCE CORP	COM	336901103		450,645	8,201	SH		SOLE	1	8,201	0	0
23ANDME HOLDING CO CLASS A	CL A	90138Q108		138,220	151,308	SH		SOLE	1	151,308	0	0
2SEVENTY BIO INC	COM	901384107		106,601	24,965	SH		SOLE	1	24,965	0	0
2U INC	COM	90214J101		49,027	39,859	SH		SOLE	1	39,859	0	0
374WATER INC	COM	88583P104		43,551	30,670	SH		SOLE	1	30,670	0	0
3D SYSTEMS CORP	COM	88554D205		452,361	71,238	SH		SOLE	1	71,238	0	0
3M CO	COM	88579Y101		15,336,503	140,290	SH		SOLE	1	140,290	0	0
4D MOLECULAR THERAPEUTICS IN	COM	35104E100		402,404	19,862	SH		SOLE	1	19,862	0	0
5E ADVANCED MATERIALS INC	COM	33830Q109		27,558	19,545	SH		SOLE	1	19,545	0	0
89BIO INC	COM	282559103		355,519	31,828	SH		SOLE	1	31,828	0	0
8X8 INC	COM	282914100		225,742	59,720	SH		SOLE	1	59,720	0	0
908 DEVICES INC	COM	65443P102		122,320	10,902	SH		SOLE	1	10,902	0	0
A MARK PRECIOUS METALS INC	COM	00181T107		285,984	9,454	SH		SOLE	1	9,454	0	0
A10 NETWORKS INC	COM	002121101		505,702	38,398	SH		SOLE	1	38,398	0	0
AADI BIOSCIENCE INC	COM	00032Q104		16,285	8,062	SH		SOLE	1	8,062	0	0
AAON INC	COM	000360206		2,723,291	36,866	SH		SOLE	1	36,866	0	0
AAR CORP	COM	000361105		1,148,222	18,401	SH		SOLE	1	18,401	0	0
AARON S CO INC/THE	COM	00258W108		162,874	14,970	SH		SOLE	1	14,970	0	0
ABBOTT LABORATORIES	COM	002824100		48,517,205	440,785	SH		SOLE	1	440,785	0	0
ABBVIE INC	COM	00287Y109		70,707,077	456,263	SH		SOLE	1	456,263	0	0
ABERCROMBIE plus FITCH CO CL A	CL A	002896207		2,350,622	26,645	SH		SOLE	1	26,645	0	0
ABM INDUSTRIES INC	COM	000957100		1,615,001	36,025	SH		SOLE	1	36,025	0	0
ACACIA RESEARCH CORP	COM	003881307		74,068	18,895	SH		SOLE	1	18,895	0	0
ACADEMY SPORTS plus OUTDOORS IN	COM	00402L107		2,605,350	39,475	SH		SOLE	1	39,475	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109		9,684,308	124,541	SH		SOLE	1	124,541	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108		1,885,958	60,235	SH		SOLE	1	60,235	0	0
ACADIA REALTY TRUST	COM SH BEN INT	004239109		865,827	50,961	SH		SOLE	1	50,961	0	0
ACCEL	CL A1	00436Q106		272,330	26,517	SH		SOLE	1	26,517	0	0

ENTERTAINMENT INC										
ACCENTURE PLC CL A	SHS CL A	G1151C101	57,362,556	163,468	SH	SOLE	1	163,468	0	0
ACCO BRANDS CORP	COM	00081T108	279,279	45,934	SH	SOLE	1	45,934	0	0
ACCOLADE INC	COM	00437E102	404,869	33,711	SH	SOLE	1	33,711	0	0
ACCURAY INC	COM	004397105	132,716	46,896	SH	SOLE	1	46,896	0	0
ACELYRIN INC	COM	00445A100	122,904	16,475	SH	SOLE	1	16,475	0	0
ACI WORLDWIDE INC	COM	004498101	1,807,267	59,061	SH	SOLE	1	59,061	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	36,249	34,523	SH	SOLE	1	34,523	0	0
ACM RESEARCH INC CLASS A	CL A	00108J109	467,455	23,923	SH	SOLE	1	23,923	0	0
ACNB CORP	COM	000868109	185,217	4,138	SH	SOLE	1	4,138	0	0
ACRIVON THERAPEUTICS INC	COM	004890109	21,259	4,321	SH	SOLE	1	4,321	0	0
ACTINIUM PHARMACEUTICALS INC	COM	00507W206	68,915	13,566	SH	SOLE	1	13,566	0	0
ACUITY BRANDS INC	COM	00508Y102	8,563,328	41,807	SH	SOLE	1	41,807	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	968,965	15,339	SH	SOLE	1	15,339	0	0
ACV AUCTIONS INC A	CL A	00091G104	957,450	63,198	SH	SOLE	1	63,198	0	0
ADAPT HEALTH CORP	CL A	00653Q102	374,866	51,422	SH	SOLE	1	51,422	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	276,674	56,464	SH	SOLE	1	56,464	0	0
ADDUS HOMECARE CORP	COM	006739106	793,125	8,542	SH	SOLE	1	8,542	0	0
ADEIA INC	COM	00676P107	721,656	58,245	SH	SOLE	1	58,245	0	0
ADICET BIO INC	COM	007002108	28,548	15,105	SH	SOLE	1	15,105	0	0
ADIENT PLC	COM	G0084W101	6,268,682	172,406	SH	SOLE	1	172,406	0	0
ADMA BIOLOGICS INC	COM	000899104	478,935	105,959	SH	SOLE	1	105,959	0	0
ADOBE INC	COM	00724F101	99,487,823	166,758	SH	SOLE	1	166,758	0	0
ADT INC	COM	00090Q103	11,785	1,728	SH	SOLE	1	1,728	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	1,275,855	21,643	SH	SOLE	1	21,643	0	0
ADTRAN HOLDINGS INC	COM	00486H105	309,212	42,127	SH	SOLE	1	42,127	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	200,178	3,280	SH	SOLE	1	3,280	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	13,107,226	93,197	SH	SOLE	1	93,197	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	2,228,830	20,463	SH	SOLE	1	20,463	0	0
ADVANCED MICRO DEVICES	COM	007903107	85,628,700	580,888	SH	SOLE	1	580,888	0	0
ADVANSIX INC	COM	00773T101	426,331	14,230	SH	SOLE	1	14,230	0	0
ADVANTAGE SOLUTIONS INC	CL A	00791N102	156,326	43,184	SH	SOLE	1	43,184	0	0
AECOM	COM	00766T100	17,314,357	187,324	SH	SOLE	1	187,324	0	0
AEHR TEST SYSTEMS	COM	00760J108	364,363	13,734	SH	SOLE	1	13,734	0	0
AERCAP HOLDINGS NV	NV SHS	N00985106	2,676,486	36,013	SH	SOLE	1	36,013	0	0
AEROVATE THERAPEUTICS INC	COM	008064107	125,732	5,556	SH	SOLE	1	5,556	0	0
AEROVIRONMENT INC	COM	008073108	1,786,365	14,173	SH	SOLE	1	14,173	0	0
AERSALE CORP	COM	00810F106	161,569	12,727	SH	SOLE	1	12,727	0	0
AES CORP	COM	00130H105	3,448,233	179,129	SH	SOLE	1	179,129	0	0
AEVA TECHNOLOGIES INC	COM	00835Q103	30,335	40,035	SH	SOLE	1	40,035	0	0
AFC GAMMA INC	COM	00109K105	98,020	8,148	SH	SOLE	1	8,148	0	0

AFFILIATED MANAGERS GROUP	COM	008252108	6,916,109	45,675	SH	SOLE	1	45,675	0	0
AFFIRM HOLDINGS INC	CL A	00827B106	90,958	1,851	SH	SOLE	1	1,851	0	0
AFLAC INC	COM	001055102	11,942,948	144,763	SH	SOLE	1	144,763	0	0
AGCO CORP	COM	001084102	10,192,977	83,955	SH	SOLE	1	83,955	0	0
AGENUS INC	COM	00847G705	156,827	189,427	SH	SOLE	1	189,427	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	10,954,035	78,789	SH	SOLE	1	78,789	0	0
AGILITI INC	COM	00848J104	129,753	16,383	SH	SOLE	1	16,383	0	0
AGILON HEALTH INC	COM	00857U107	58,270	4,643	SH	SOLE	1	4,643	0	0
AGILYSYS INC	COM	00847J105	926,319	10,921	SH	SOLE	1	10,921	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	614,875	27,610	SH	SOLE	1	27,610	0	0
AGNC INVESTMENT CORP	COM	00123Q104	52,121	5,313	SH	SOLE	1	5,313	0	0
AGREE REALTY CORP	COM	008492100	8,546,596	135,768	SH	SOLE	1	135,768	0	0
AIR LEASE CORP	COM	00912X302	35,691	851	SH	SOLE	1	851	0	0
AIR PRODUCTS plus CHEMICALS INC	COM	009158106	17,608,352	64,311	SH	SOLE	1	64,311	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	493,520	28,025	SH	SOLE	1	28,025	0	0
AIRBNB INC CLASS A	CL A	009066101	20,751,276	152,426	SH	SOLE	1	152,426	0	0
AIRSCULPT TECHNOLOGIES INC	COM	009496100	45,322	6,051	SH	SOLE	1	6,051	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	5,388,239	45,528	SH	SOLE	1	45,528	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	595,752	25,514	SH	SOLE	1	25,514	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	28,989	34,759	SH	SOLE	1	34,759	0	0
AKOYA BIOSCIENCES INC	COM	00974H104	56,237	11,524	SH	SOLE	1	11,524	0	0
ALAMO GROUP INC	COM	011311107	1,157,096	5,505	SH	SOLE	1	5,505	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,691,622	26,178	SH	SOLE	1	26,178	0	0
ALASKA AIR GROUP INC	COM	011659109	275,209	7,044	SH	SOLE	1	7,044	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,672,490	17,028	SH	SOLE	1	17,028	0	0
ALBEMARLE CORP	COM	012653101	4,650,378	32,187	SH	SOLE	1	32,187	0	0
ALBERTSONS COS INC CLASS A	COM	013091103	85,951	3,737	SH	SOLE	1	3,737	0	0
ALCOA CORP	COM	013872106	8,196,346	241,069	SH	SOLE	1	241,069	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	81,253	23,149	SH	SOLE	1	23,149	0	0
ALECTOR INC	COM	014442107	251,769	31,550	SH	SOLE	1	31,550	0	0
ALERUS FINANCIAL CORP	COM	01446U103	199,473	8,909	SH	SOLE	1	8,909	0	0
ALEXANDER plus BALDWIN INC	COM	014491104	750,891	39,479	SH	SOLE	1	39,479	0	0
ALEXANDER S INC	COM	014752109	228,093	1,068	SH	SOLE	1	1,068	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	5,214,937	41,137	SH	SOLE	1	41,137	0	0
ALICO INC	COM	016230104	102,972	3,541	SH	SOLE	1	3,541	0	0
ALIGHT INC CLASS A	CL A	01626W101	1,757,897	206,084	SH	SOLE	1	206,084	0	0
ALIGN TECHNOLOGY INC	COM	016255101	5,764,960	21,040	SH	SOLE	1	21,040	0	0
ALIGNMENT HEALTHCARE INC	COM	01625V104	364,237	42,304	SH	SOLE	1	42,304	0	0

ALKAMI TECHNOLOGY INC	COM	01644J108	483,448	19,936	SH	SOLE	1	19,936	0	0
ALKERMES PLC	COM	G01767105	2,505,310	90,314	SH	SOLE	1	90,314	0	0
ALLAKOS INC	COM	01671P100	90,210	33,044	SH	SOLE	1	33,044	0	0
ALLBIRDS INC CL A	CL A	01675A109	58,954	48,126	SH	SOLE	1	48,126	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	707,885	8,569	SH	SOLE	1	8,569	0	0
ALLEGION PLC	COM	G0176J109	3,056,396	24,125	SH	SOLE	1	24,125	0	0
ALLEGRO MICROSYSTEMS INC	COM	01749D105	2,932,527	96,879	SH	SOLE	1	96,879	0	0
ALLETE INC	COM	018522300	6,477,884	105,917	SH	SOLE	1	105,917	0	0
ALLIANT ENERGY CORP	COM	018802108	3,431,098	66,883	SH	SOLE	1	66,883	0	0
ALLIENT INC	COM	019330109	194,311	6,432	SH	SOLE	1	6,432	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	47,043	809	SH	SOLE	1	809	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	150,764	46,967	SH	SOLE	1	46,967	0	0
ALLOVIR INC	COM	019818103	17,202	25,305	SH	SOLE	1	25,305	0	0
ALLOVIR INC	COM	019818103	767,418	1,128,888	SH	SOLE	2	1,128,888	0	0
ALLSTATE CORP	COM	020002101	9,606,407	68,627	SH	SOLE	1	68,627	0	0
ALLY FINANCIAL INC	COM	02005N100	12,804,570	366,683	SH	SOLE	1	366,683	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	360,425	1,883	SH	SOLE	1	1,883	0	0
ALPHA plus OMEGA SEMICONDUCTOR	COM	G6331P104	328,017	12,587	SH	SOLE	1	12,587	0	0
ALPHA METALLURGICAL RESOURCE	COM	020764106	2,135,196	6,300	SH	SOLE	1	6,300	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	272,655,323	1,951,860	SH	SOLE	1	1,951,860	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	208,395,164	1,478,714	SH	SOLE	1	1,478,714	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	692,733	45,846	SH	SOLE	1	45,846	0	0
ALPINE IMMUNE SCIENCES INC	COM	02083G100	308,486	16,185	SH	SOLE	1	16,185	0	0
ALPINE INCOME PROPERTY TRUST	COM	02083X103	106,618	6,305	SH	SOLE	1	6,305	0	0
ALTA EQUIPMENT GROUP INC	COM	02128L106	141,884	11,470	SH	SOLE	1	11,470	0	0
ALTAIR ENGINEERING INC A	COM	021369103	2,273,565	27,018	SH	SOLE	1	27,018	0	0
ALTERYX INC CLASS A	COM	02156B103	48,858	1,036	SH	SOLE	1	1,036	0	0
ALTI GLOBAL INC	CL A	02157E106	99,426	11,350	SH	SOLE	1	11,350	0	0
ALTIMMUNE INC	COM	02155H200	295,515	26,268	SH	SOLE	1	26,268	0	0
ALTRIA GROUP INC	COM	02209S103	18,122,382	449,241	SH	SOLE	1	449,241	0	0
ALTUS POWER INC	CL A	02217A102	216,969	31,767	SH	SOLE	1	31,767	0	0
ALX ONCOLOGY HOLDINGS INC	COM	00166B105	199,496	13,398	SH	SOLE	1	13,398	0	0
AMALGAMATED FINANCIAL CORP	COM	022671101	236,830	8,791	SH	SOLE	1	8,791	0	0
AMAZON.COM INC	COM	023135106	409,731,736	2,696,668	SH	SOLE	1	2,696,668	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	397,613	24,127	SH	SOLE	1	24,127	0	0
AMBARELLA INC	COM	G037AX101	1,155,929	18,860	SH	SOLE	1	18,860	0	0
AMC ENTERTAINMENT HLDS CL A	CL A	00165C302	9,976	1,630	SH	SOLE	1	1,630	0	0
AMC NETWORKS INC A	COM	00164V103	315,559	16,794	SH	SOLE	1	16,794	0	0

AMCOR PLC	COM	G0250X107	3,653,252	378,968	SH	SOLE	1	378,968	0	0
AMDOCS LTD	COM	G02602103	84,726	964	SH	SOLE	1	964	0	0
AMEDISYS INC	COM	023436108	4,189,674	44,074	SH	SOLE	1	44,074	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	249,308	5,114	SH	SOLE	1	5,114	0	0
AMERANT BANCORP INC	COM	023576101	315,331	12,834	SH	SOLE	1	12,834	0	0
AMEREN CORPORATION	COM	023608102	4,987,337	68,943	SH	SOLE	1	68,943	0	0
AMERESCO INC CL A	CL A	02361E108	506,498	15,993	SH	SOLE	1	15,993	0	0
AMERICA S CAR MART INC	COM	03062T105	241,706	3,190	SH	SOLE	1	3,190	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	2,383,024	173,437	SH	SOLE	1	173,437	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	597,798	26,557	SH	SOLE	1	26,557	0	0
AMERICAN AXLE plus MFG HOLDINGS	COM	024061103	548,660	62,277	SH	SOLE	1	62,277	0	0
AMERICAN COASTAL INSURANCE C	COM	910710102	92,235	9,750	SH	SOLE	1	9,750	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	2,107,663	99,606	SH	SOLE	1	99,606	0	0
AMERICAN ELECTRIC POWER	COM	025537101	13,816,822	170,116	SH	SOLE	1	170,116	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	2,345,776	42,039	SH	SOLE	1	42,039	0	0
AMERICAN EXPRESS CO	COM	025816109	35,662,792	190,364	SH	SOLE	1	190,364	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	10,501,554	88,330	SH	SOLE	1	88,330	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	98,458	2,738	SH	SOLE	1	2,738	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	12,081,248	178,321	SH	SOLE	1	178,321	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	12,918	742	SH	SOLE	1	742	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	181,546	16,066	SH	SOLE	1	16,066	0	0
AMERICAN STATES WATER CO	COM	029899101	1,622,071	20,170	SH	SOLE	1	20,170	0	0
AMERICAN TOWER CORP	COM	03027X100	29,098,249	134,789	SH	SOLE	1	134,789	0	0
AMERICAN VANGUARD CORP	COM	030371108	147,327	13,430	SH	SOLE	1	13,430	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	6,739,409	51,060	SH	SOLE	1	51,060	0	0
AMERICAN WELL CORP CLASS A	CL A	03044L105	184,431	123,779	SH	SOLE	1	123,779	0	0
AMERICAN WOODMARK CORP	COM	030506109	828,872	8,927	SH	SOLE	1	8,927	0	0
AMERICOLD REALTY TRUST INC	COM	03064D108	67,199	2,220	SH	SOLE	1	2,220	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	11,691,167	30,780	SH	SOLE	1	30,780	0	0
AMERIS BANCORP	COM	03076K108	1,908,315	35,972	SH	SOLE	1	35,972	0	0
AMERISAFE INC	COM	03071H100	485,810	10,385	SH	SOLE	1	10,385	0	0
AMES NATIONAL CORP	COM	031001100	91,357	4,281	SH	SOLE	1	4,281	0	0
AMETEK INC	COM	031100100	10,196,962	61,841	SH	SOLE	1	61,841	0	0
AMGEN INC	COM	031162100	54,922,822	190,691	SH	SOLE	1	190,691	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	2,004,323	141,249	SH	SOLE	1	141,249	0	0
AMKOR TECHNOLOGY INC	COM	031652100	6,473,144	194,564	SH	SOLE	1	194,564	0	0

AMMO INC	COM	00175J107	94,162	44,839	SH	SOLE	1	44,839	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	1,552,038	20,727	SH	SOLE	1	20,727	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	367,793	60,592	SH	SOLE	1	60,592	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	1,292,727	20,901	SH	SOLE	1	20,901	0	0
AMPHENOL CORP CL A	CL A	032095101	19,615,646	197,878	SH	SOLE	1	197,878	0	0
AMPLIFY ENERGY CORP	COM	03212B103	106,936	18,033	SH	SOLE	1	18,033	0	0
AMPLITUDE INC CLASS A	CL A	03213A104	428,257	33,668	SH	SOLE	1	33,668	0	0
AMPRIUS TECHNOLOGIES INC	COM	03214Q108	14,384	2,719	SH	SOLE	1	2,719	0	0
AMYLYX PHARMACEUTICALS INC	COM	03237H101	371,621	25,246	SH	SOLE	1	25,246	0	0
ANALOG DEVICES INC	COM	032654105	35,954,649	181,077	SH	SOLE	1	181,077	0	0
ANAPTYSBIO INC	COM	032724106	199,463	9,312	SH	SOLE	1	9,312	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	334,499	35,929	SH	SOLE	1	35,929	0	0
ANDERSONS INC/THE	COM	034164103	1,006,950	17,500	SH	SOLE	1	17,500	0	0
ANGEL OAK MORTGAGE REIT INC	COM	03464Y108	62,286	5,876	SH	SOLE	1	5,876	0	0
ANGIODYNAMICS INC	COM	03475V101	149,352	19,050	SH	SOLE	1	19,050	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	437,095	7,927	SH	SOLE	1	7,927	0	0
ANIKA THERAPEUTICS INC	COM	035255108	164,852	7,275	SH	SOLE	1	7,275	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710839	13,083,563	675,455	SH	SOLE	1	675,455	0	0
ANNEXON INC	COM	03589W102	102,999	22,687	SH	SOLE	1	22,687	0	0
ANSYS INC	COM	03662Q105	12,132,167	33,433	SH	SOLE	1	33,433	0	0
ANTERIX INC	COM	03676C100	213,181	6,398	SH	SOLE	1	6,398	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	5,776,831	461,040	SH	SOLE	1	461,040	0	0
ANTERO RESOURCES CORP	COM	03674X106	8,654,937	381,611	SH	SOLE	1	381,611	0	0
ANYWHERE REAL ESTATE INC	COM	75605Y106	476,941	58,809	SH	SOLE	1	58,809	0	0
AON PLC CLASS A	CL A	G0403H108	17,677,428	60,743	SH	SOLE	1	60,743	0	0
APA CORP	COM	03743Q108	3,102,113	86,458	SH	SOLE	1	86,458	0	0
APARTMENT INCOME REIT CO	COM	03750L109	6,896,267	198,568	SH	SOLE	1	198,568	0	0
APARTMENT INVT plus MGMT CO A	COM	03748R747	569,554	72,740	SH	SOLE	1	72,740	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	102,361	1,710	SH	SOLE	1	1,710	0	0
API GROUP CORP	COM	00187Y100	3,600,441	104,059	SH	SOLE	1	104,059	0	0
APOGEE ENTERPRISES INC	COM	037598109	642,362	12,027	SH	SOLE	1	12,027	0	0
APOGEE THERAPEUTICS INC	COM	03770N101	285,072	10,203	SH	SOLE	1	10,203	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	900,787	76,728	SH	SOLE	1	76,728	0	0
APOLLO GLOBAL MANAGEMENT INC	COM	03769M106	822,961	8,831	SH	SOLE	1	8,831	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	890,475	23,250	SH	SOLE	1	23,250	0	0
APPFOLIO INC A	COM	03783C100	1,654,788	9,552	SH	SOLE	1	9,552	0	0

APIAN CORP A	COM	03782L101	768,490	20,406	SH	SOLE	1	20,406	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	1,947,572	117,253	SH	SOLE	1	117,253	0	0
APPLE INC	COM	037833100	829,165,100	4,306,680	SH	SOLE	1	4,306,680	0	0
APPLIED DIGITAL CORP	COM	038169207	274,763	40,766	SH	SOLE	1	40,766	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	3,629,598	21,018	SH	SOLE	1	21,018	0	0
APPLIED MATERIALS INC	COM	038222105	51,006,670	314,720	SH	SOLE	1	314,720	0	0
APPLOVIN CORP CLASS A	CL A	03831W108	87,511	2,196	SH	SOLE	1	2,196	0	0
APTARGROUP INC	COM	038336103	10,984,008	88,853	SH	SOLE	1	88,853	0	0
APTIV PLC	COM	G6095L109	7,679,045	85,589	SH	SOLE	1	85,589	0	0
ARAMARK	COM	03852U106	9,902,356	352,397	SH	SOLE	1	352,397	0	0
ARBOR REALTY TRUST INC	COM	038923108	1,524,330	100,417	SH	SOLE	1	100,417	0	0
ARBUTUS BIOPHARMA CORP	COM	03879J100	157,438	62,975	SH	SOLE	1	62,975	0	0
ARCBEST CORP	COM	03937C105	1,556,840	12,951	SH	SOLE	1	12,951	0	0
ARCELLX INC	COM	03940C100	1,058,163	19,066	SH	SOLE	1	19,066	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	7,622,404	102,631	SH	SOLE	1	102,631	0	0
ARCH RESOURCES INC	CL A	03940R107	1,485,827	8,954	SH	SOLE	1	8,954	0	0
ARCHER AVIATION INC A	CL A	03945R102	465,707	75,848	SH	SOLE	1	75,848	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	12,653,883	175,213	SH	SOLE	1	175,213	0	0
ARCHROCK INC	COM	03957W106	1,164,271	75,602	SH	SOLE	1	75,602	0	0
ARCOSA INC	COM	039653100	2,183,597	26,423	SH	SOLE	1	26,423	0	0
ARCTURUS THERAPEUTICS HOLDIN	COM	03969T109	365,433	11,590	SH	SOLE	1	11,590	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	558,981	29,266	SH	SOLE	1	29,266	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	126,975	39,311	SH	SOLE	1	39,311	0	0
ARDAGH METAL PACKAGING SA	CL A	L02235106	8,982	2,339	SH	SOLE	1	2,339	0	0
ARDELYX INC	COM	039697107	710,501	114,597	SH	SOLE	1	114,597	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	292,480	20,758	SH	SOLE	1	20,758	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	267,765	25,846	SH	SOLE	1	25,846	0	0
ARES MANAGEMENT CORP A	COM	03990B101	328,695	2,764	SH	SOLE	1	2,764	0	0
ARGAN INC	COM	04010E109	294,824	6,301	SH	SOLE	1	6,301	0	0
ARIS WATER SOLUTIONS INC A	CL A	04041L106	124,675	14,860	SH	SOLE	1	14,860	0	0
ARISTA NETWORKS INC	COM	040413106	17,548,321	74,512	SH	SOLE	1	74,512	0	0
ARKO CORP	COM	041242108	333,366	40,408	SH	SOLE	1	40,408	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	466,023	48,952	SH	SOLE	1	48,952	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	453,620	36,671	SH	SOLE	1	36,671	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315705	516,849	26,752	SH	SOLE	1	26,752	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	250,323	2,546	SH	SOLE	1	2,546	0	0
ARRAY TECHNOLOGIES INC	COM	04271T100	1,265,712	75,340	SH	SOLE	1	75,340	0	0
ARROW ELECTRONICS	COM	042735100	8,944,544	73,166	SH	SOLE	1	73,166	0	0

Company Name	Exchange	Symbol	Market Cap	Shares	Price	Market Cap	Shares	Price	Market Cap	Shares	Price
ARROW FINANCIAL CORP	COM	042744102	204,744	7,328	SH	SOLE	1	7,328	0	0	0
ARROWHEAD PHARMACEUTICALS INC	COM	04280A100	5,942,765	194,208	SH	SOLE	1	194,208	0	0	0
ARS PHARMACEUTICALS INC	COM	82835W108	66,867	12,202	SH	SOLE	1	12,202	0	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	188,598	4,550	SH	SOLE	1	4,550	0	0	0
ARTHUR J GALLAGHER plus CO	COM	363576109	15,768,586	70,120	SH	SOLE	1	70,120	0	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	1,492,224	33,776	SH	SOLE	1	33,776	0	0	0
ARTIVION INC	COM	228903100	382,829	21,411	SH	SOLE	1	21,411	0	0	0
ARVINAS INC	COM	04335A105	1,004,633	24,408	SH	SOLE	1	24,408	0	0	0
ASANA INC CL A	CL A	04342Y104	768,441	40,423	SH	SOLE	1	40,423	0	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	2,534,737	11,267	SH	SOLE	1	11,267	0	0	0
ASGN INC	COM	00191U102	8,355,923	86,887	SH	SOLE	1	86,887	0	0	0
ASHLAND INC	COM	044186104	5,832,819	69,183	SH	SOLE	1	69,183	0	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	4,617,212	6,100	SH	SOLE	1	6,100	0	0	0
ASPEN AEROGELS INC	COM	04523Y105	400,859	25,403	SH	SOLE	1	25,403	0	0	0
ASPEN TECHNOLOGY INC	COM	29109X106	8,333,558	37,854	SH	SOLE	1	37,854	0	0	0
ASSERTIO HOLDINGS INC	COM	04546C205	47,198	44,110	SH	SOLE	1	44,110	0	0	0
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	327,354	10,930	SH	SOLE	1	10,930	0	0	0
ASSOCIATED BANC CORP	COM	045487105	5,878,443	274,822	SH	SOLE	1	274,822	0	0	0
ASSURANT INC	COM	04621X108	2,323,983	13,793	SH	SOLE	1	13,793	0	0	0
ASSURED GUARANTY LTD	COM	G0585R106	225,538	3,014	SH	SOLE	1	3,014	0	0	0
AST SPACEMOBILE INC	CL A	00217D100	240,953	39,959	SH	SOLE	1	39,959	0	0	0
ASTEC INDUSTRIES INC	COM	046224101	460,276	12,373	SH	SOLE	1	12,373	0	0	0
ASTRAZENECA PLC SPONS ADR	SPON ADR	046353108	2,725,250	40,464	SH	SOLE	1	40,464	0	0	0
ASTRIA THERAPEUTICS INC	COM	04635X102	126,282	16,443	SH	SOLE	1	16,443	0	0	0
ASTRONICS CORP	COM	046433108	227,732	13,073	SH	SOLE	1	13,073	0	0	0
ASURE SOFTWARE INC	COM	04649U102	108,233	11,369	SH	SOLE	1	11,369	0	0	0
ATplusT INC	COM	00206R102	33,996,649	2,026,022	SH	SOLE	1	2,026,022	0	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	24,687	48,141	SH	SOLE	1	48,141	0	0	0
ATEA PHARMACEUTICALS INC	COM	04683R106	116,217	38,104	SH	SOLE	1	38,104	0	0	0
ATI INC	COM	01741R102	3,189,584	70,147	SH	SOLE	1	70,147	0	0	0
ATI PHYSICAL THERAPY INC	CL A	00216W208	12	2	SH	SOLE	1	2	0	0	0
ATKORE INC	COM	047649108	3,015,040	18,844	SH	SOLE	1	18,844	0	0	0
ATLANTA BRAVES HOLDINGS IN A	COM SER A	047726104	213,601	4,993	SH	SOLE	1	4,993	0	0	0
ATLANTA BRAVES HOLDINGS IN C	COM SER C	047726302	896,487	22,650	SH	SOLE	1	22,650	0	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,493,938	40,885	SH	SOLE	1	40,885	0	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	88,090	2,278	SH	SOLE	1	2,278	0	0	0

ATLAS ENERGY SOLUTIONS INC	COM	642045108	152,363	8,848	SH	SOLE	1	8,848	0	0
ATLASSIAN CORP CL A	CL A	049468101	2,562,228	10,772	SH	SOLE	1	10,772	0	0
ATMOS ENERGY CORP	COM	049560105	4,512,682	38,936	SH	SOLE	1	38,936	0	0
ATMUS FILTRATION TECHNOLOGIE	COM	04956D107	191,796	8,165	SH	SOLE	1	8,165	0	0
ATN INTERNATIONAL INC	COM	00215F107	229,884	5,899	SH	SOLE	1	5,899	0	0
ATOMERA INC	COM	04965B100	78,028	11,131	SH	SOLE	1	11,131	0	0
ATRICURE INC	COM	04963C209	826,473	23,157	SH	SOLE	1	23,157	0	0
ATRION CORPORATION	COM	049904105	259,092	684	SH	SOLE	1	684	0	0
AURA BIOSCIENCES INC	COM	05153U107	122,241	13,797	SH	SOLE	1	13,797	0	0
AURINIA PHARMACEUTICALS INC	COM	05156V102	605,126	67,311	SH	SOLE	1	67,311	0	0
AURORA INNOVATION INC	CL A	051774107	735,349	168,272	SH	SOLE	1	168,272	0	0
AUTODESK INC	COM	052769106	19,194,502	78,834	SH	SOLE	1	78,834	0	0
AUTOHOME INC ADR	ADR	05278C107	21,662	772	SH	SOLE	1	772	0	0
AUTOLIV INC	COM	052800109	11,079,054	100,545	SH	SOLE	1	100,545	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	37,670,084	161,695	SH	SOLE	1	161,695	0	0
AUTONATION INC	COM	05329W102	5,264,560	35,055	SH	SOLE	1	35,055	0	0
AUTOZONE INC	COM	053332102	13,535,668	5,235	SH	SOLE	1	5,235	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	6,971,698	37,238	SH	SOLE	1	37,238	0	0
AVANGRID INC	COM	05351W103	18,927	584	SH	SOLE	1	584	0	0
AVANOS MEDICAL INC	COM	05350V106	565,236	25,200	SH	SOLE	1	25,200	0	0
AVANTOR INC	COM	05352A100	126,684	5,549	SH	SOLE	1	5,549	0	0
AVEANNA HEALTHCARE HOLDINGS	COM	05356F105	67,464	25,173	SH	SOLE	1	25,173	0	0
AVEPOINT INC	CL A	053604104	606,317	73,851	SH	SOLE	1	73,851	0	0
AVERY DENNISON CORP	COM	053611109	4,568,412	22,598	SH	SOLE	1	22,598	0	0
AVIAT NETWORKS INC	COM	05366Y201	184,856	5,660	SH	SOLE	1	5,660	0	0
AVID BIOSERVICES INC	COM	05368M106	200,506	30,847	SH	SOLE	1	30,847	0	0
AVIDITY BIOSCIENCES INC	COM	05370A108	332,741	36,767	SH	SOLE	1	36,767	0	0
AVIDXCHANGE HOLDINGS INC	COM	05368X102	920,465	74,291	SH	SOLE	1	74,291	0	0
AVIENT CORP	COM	05368V106	6,957,654	167,372	SH	SOLE	1	167,372	0	0
AVIS BUDGET GROUP INC	COM	053774105	4,435,754	25,024	SH	SOLE	1	25,024	0	0
AVISTA CORP	COM	05379B107	1,493,289	41,782	SH	SOLE	1	41,782	0	0
AVITA MEDICAL INC	COM	05380C102	171,431	12,495	SH	SOLE	1	12,495	0	0
AVNET INC	COM	053807103	6,160,291	122,228	SH	SOLE	1	122,228	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	10,105,973	297,497	SH	SOLE	1	297,497	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	2,301,998	17,750	SH	SOLE	1	17,750	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	35,381	639	SH	SOLE	1	639	0	0
AXOGEN INC	COM	05463X106	138,048	20,212	SH	SOLE	1	20,212	0	0
AXON ENTERPRISE INC	COM	05464C101	5,146,967	19,924	SH	SOLE	1	19,924	0	0
AXONICS INC	COM	05465P101	1,539,010	24,731	SH	SOLE	1	24,731	0	0
AXOS FINANCIAL INC	COM	05465C100	1,639,911	30,035	SH	SOLE	1	30,035	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	1,410,414	17,721	SH	SOLE	1	17,721	0	0

AZEK CO INC/THE	CL A	05478C105	41,463	1,084	SH	SOLE	1	1,084	0	0
AZENTA INC	COM	114340102	5,292,430	81,247	SH	SOLE	1	81,247	0	0
AZZ INC	COM	002474104	785,319	13,519	SH	SOLE	1	13,519	0	0
B. RILEY FINANCIAL INC	COM	05580M108	229,442	10,931	SH	SOLE	1	10,931	0	0
BplusG FOODS INC	COM	05508R106	410,036	39,051	SH	SOLE	1	39,051	0	0
BABCOCK plus WILCOX ENTERPR	COM	05614L209	42,680	29,233	SH	SOLE	1	29,233	0	0
BADGER METER INC	COM	056525108	2,471,772	16,012	SH	SOLE	1	16,012	0	0
BAKER HUGHES CO	COM	05722G100	11,410,720	333,842	SH	SOLE	1	333,842	0	0
BAKKT HOLDINGS INC	CL A	05759B107	78,917	35,389	SH	SOLE	1	35,389	0	0
BALCHEM CORP	COM	057665200	2,592,118	17,426	SH	SOLE	1	17,426	0	0
BALL CORP	COM	058498106	5,633,106	97,933	SH	SOLE	1	97,933	0	0
BALLY S CORP	COM	05875B106	204,416	14,664	SH	SOLE	1	14,664	0	0
BANC OF CALIFORNIA INC	COM	05990K106	959,466	71,442	SH	SOLE	1	71,442	0	0
BANCFIRST CORP	COM	05945F103	1,132,921	11,640	SH	SOLE	1	11,640	0	0
BANCORP INC/THE	COM	05969A105	1,095,567	28,412	SH	SOLE	1	28,412	0	0
BANDWIDTH INC CLASS A	COM	05988J103	168,604	11,652	SH	SOLE	1	11,652	0	0
BANK FIRST CORP	COM	06211J100	402,276	4,642	SH	SOLE	1	4,642	0	0
BANK OF AMERICA CORP	COM	060505104	58,881,793	1,748,791	SH	SOLE	1	1,748,791	0	0
BANK OF HAWAII CORP	COM	062540109	1,548,688	21,373	SH	SOLE	1	21,373	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	172,284	7,824	SH	SOLE	1	7,824	0	0
BANK OF N.T. BUTTERFIELDplusSON	COM	G0772R208	772,785	24,142	SH	SOLE	1	24,142	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	11,518,353	221,294	SH	SOLE	1	221,294	0	0
BANK OZK	COM	06417N103	7,082,537	142,134	SH	SOLE	1	142,134	0	0
BANK7 CORP	COM	06652N107	50,762	1,856	SH	SOLE	1	1,856	0	0
BANKUNITED INC	COM	06652K103	1,313,318	40,497	SH	SOLE	1	40,497	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	88,337	2,927	SH	SOLE	1	2,927	0	0
BANNER CORPORATION	COM	06652V208	998,466	18,642	SH	SOLE	1	18,642	0	0
BAR HARBOR BANKSHARES	COM	066849100	217,998	7,425	SH	SOLE	1	7,425	0	0
BARK INC	COM	68622E104	53,431	66,333	SH	SOLE	1	66,333	0	0
BARNES GROUP INC	COM	067806109	872,591	26,742	SH	SOLE	1	26,742	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	381,098	3,291	SH	SOLE	1	3,291	0	0
BATH plus BODY WORKS INC	COM	070830104	2,574,019	59,639	SH	SOLE	1	59,639	0	0
BAXTER INTERNATIONAL INC	COM	071813109	5,312,851	137,425	SH	SOLE	1	137,425	0	0
BAYCOM CORP	COM	07272M107	131,326	5,567	SH	SOLE	1	5,567	0	0
BCB BANCORP INC	COM	055298103	96,311	7,495	SH	SOLE	1	7,495	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	2,509,309	28,836	SH	SOLE	1	28,836	0	0
BEAM THERAPEUTICS INC	COM	07373V105	980,682	36,028	SH	SOLE	1	36,028	0	0
BEAUTY HEALTH CO/THE	CL A	88331L108	126,487	40,671	SH	SOLE	1	40,671	0	0
BEAZER HOMES USA INC	COM	07556Q881	495,192	14,655	SH	SOLE	1	14,655	0	0
BECTON DICKINSON AND CO	COM	075887109	17,967,345	73,688	SH	SOLE	1	73,688	0	0

BEIGENE LTD ADR	SPON ADR	07725L102	126,252	700	SH	SOLE	1	700	0	0
BEL FUSE INC CL B	CL B	077347300	347,404	5,203	SH	SOLE	1	5,203	0	0
BELDEN INC	COM	077454106	5,956,439	77,106	SH	SOLE	1	77,106	0	0
BELLRING BRANDS INC	COM	07831C103	13,419,326	242,095	SH	SOLE	1	242,095	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	532,485	19,265	SH	SOLE	1	19,265	0	0
BENSON HILL INC	COM	082490103	14,964	86,101	SH	SOLE	1	86,101	0	0
BENTLEY SYSTEMS INC CLASS B	CL B	08265T208	165,306	3,168	SH	SOLE	1	3,168	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	164,827,566	462,142	SH	SOLE	1	462,142	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	586,907	23,637	SH	SOLE	1	23,637	0	0
BERRY CORP	COM	08579X101	263,470	37,478	SH	SOLE	1	37,478	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	10,751,064	159,535	SH	SOLE	1	159,535	0	0
BEST BUY CO INC	COM	086516101	3,995,020	51,035	SH	SOLE	1	51,035	0	0
BEYOND AIR INC	COM	08862L103	26,344	13,441	SH	SOLE	1	13,441	0	0
BEYOND INC	COM	690370101	621,142	22,432	SH	SOLE	1	22,432	0	0
BEYOND MEAT INC	COM	08862E109	262,328	29,475	SH	SOLE	1	29,475	0	0
BGC GROUP INC A	CL A	088929104	1,285,868	178,098	SH	SOLE	1	178,098	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	67,781	10,691	SH	SOLE	1	10,691	0	0
BIG LOTS INC	COM	089302103	110,244	14,152	SH	SOLE	1	14,152	0	0
BIGBEAR.AI HOLDINGS INC	COM	08975B109	31,152	14,557	SH	SOLE	1	14,557	0	0
BIGCOMMERCE HOLDINGS SER 1	COM SER 1	08975P108	325,128	33,415	SH	SOLE	1	33,415	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	60,694	368	SH	SOLE	1	368	0	0
BILL HOLDINGS INC	COM	090043100	68,780	843	SH	SOLE	1	843	0	0
BIO RAD LABORATORIES A	COM	090572207	1,771,375	5,486	SH	SOLE	1	5,486	0	0
BIO TECHNE CORP	COM	09073M104	3,296,815	42,727	SH	SOLE	1	42,727	0	0
BIOATLA INC	COM	09077B104	54,086	21,986	SH	SOLE	1	21,986	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	564,360	94,217	SH	SOLE	1	94,217	0	0
BIOGEN INC	COM	09062X103	13,448,018	51,969	SH	SOLE	1	51,969	0	0
BIOHAVEN LTD	COM	G1110E107	1,455,414	34,005	SH	SOLE	1	34,005	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	307,629	18,931	SH	SOLE	1	18,931	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	166,903	1,731	SH	SOLE	1	1,731	0	0
BIOMEA FUSION INC	COM	09077A106	143,385	9,875	SH	SOLE	1	9,875	0	0
BIOTE CORP A	CL A	090683103	34,373	6,958	SH	SOLE	1	6,958	0	0
BIOVIE INC	CL A	09074F207	7,569	6,007	SH	SOLE	1	6,007	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	29,745	10,083	SH	SOLE	1	10,083	0	0
BIRKENSTOCK HOLDING PLC	COM	M2029K104	15,545	319	SH	SOLE	1	319	0	0
BIT DIGITAL INC	INC SHS	G1144A105	185,287	43,803	SH	SOLE	1	43,803	0	0
BJ S RESTAURANTS INC	COM	09180C106	446,776	12,407	SH	SOLE	1	12,407	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	12,067,793	181,035	SH	SOLE	1	181,035	0	0
BLACK HILLS CORP	COM	092113109	6,735,711	124,851	SH	SOLE	1	124,851	0	0
BLACKBAUD INC	COM	09227Q100	6,892,997	79,504	SH	SOLE	1	79,504	0	0
BLACKLINE INC	COM	09239B109	1,768,488	28,323	SH	SOLE	1	28,323	0	0

BLACKROCK INC	COM	09247X101	35,638,832	43,901	SH	SOLE	1	43,901	0	0
BLACKSKY TECHNOLOGY INC	CL A	09263B108	83,195	59,425	SH	SOLE	1	59,425	0	0
BLACKSTONE INC	COM	09260D107	24,429,410	186,598	SH	SOLE	1	186,598	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	1,995,254	93,806	SH	SOLE	1	93,806	0	0
BLADE AIR MOBILITY INC	CL A	092667104	105,639	29,926	SH	SOLE	1	29,926	0	0
BLINK CHARGING CO	COM	09354A100	91,561	27,009	SH	SOLE	1	27,009	0	0
BLOCK INC	CL A	852234103	480,730	6,215	SH	SOLE	1	6,215	0	0
BLOOM ENERGY CORP A	COM	093712107	1,418,062	95,815	SH	SOLE	1	95,815	0	0
BLOOMIN BRANDS INC	COM	094235108	1,341,911	47,670	SH	SOLE	1	47,670	0	0
BLUE BIRD CORP	COM	095306106	339,453	12,591	SH	SOLE	1	12,591	0	0
BLUE FOUNDRY BANCORP	COM	09549B104	108,875	11,259	SH	SOLE	1	11,259	0	0
BLUE OWL CAPITAL INC	CL A	09581B103	64,592	4,335	SH	SOLE	1	4,335	0	0
BLUE RIDGE BANKSHARES INC	COM	095825105	26,870	8,868	SH	SOLE	1	8,868	0	0
BLUEBIRD BIO INC	COM	09609G100	73,408	53,194	SH	SOLE	1	53,194	0	0
BLUEGREEN VACATIONS HOLDING	CL A	096308101	402,793	5,362	SH	SOLE	1	5,362	0	0
BLUELINX HOLDINGS INC	COM	09624H208	476,808	4,208	SH	SOLE	1	4,208	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	2,788,231	30,228	SH	SOLE	1	30,228	0	0
BOEING CO/THE	COM	097023105	38,431,189	147,438	SH	SOLE	1	147,438	0	0
BOISE CASCADE CO	COM	09739D100	2,796,246	21,616	SH	SOLE	1	21,616	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	19,956	233	SH	SOLE	1	233	0	0
BOOKING HOLDINGS INC	COM	09857L108	50,427,280	14,216	SH	SOLE	1	14,216	0	0
BOOT BARN HOLDINGS INC	COM	099406100	1,245,047	16,220	SH	SOLE	1	16,220	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	277,437	2,169	SH	SOLE	1	2,169	0	0
BORGWARNER INC	COM	099724106	2,209,185	61,623	SH	SOLE	1	61,623	0	0
BORR DRILLING LTD	LTD SHS	G1466R173	804,551	109,314	SH	SOLE	1	109,314	0	0
BOSTON BEER COMPANY INC A	COM	100557107	4,419,405	12,788	SH	SOLE	1	12,788	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	183,522	11,667	SH	SOLE	1	11,667	0	0
BOSTON PROPERTIES INC	COM	101121101	2,663,934	37,964	SH	SOLE	1	37,964	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	25,482,764	440,802	SH	SOLE	1	440,802	0	0
BOWLERO CORP CLASS A	CL A	10258P102	118,774	8,388	SH	SOLE	1	8,388	0	0
BOWMAN CONSULTING GROUP LTD	COM	103002101	190,600	5,366	SH	SOLE	1	5,366	0	0
BOX INC CLASS A	COM	10316T104	1,795,850	70,123	SH	SOLE	1	70,123	0	0
BOYD GAMING CORP	COM	103304101	5,877,576	93,876	SH	SOLE	1	93,876	0	0
BRADY CORPORATION CL A	CL A	104674106	123,542	2,105	SH	SOLE	1	2,105	0	0
BRAEMAR HOTELS plus RESORTS INC	COM	10482B101	81,528	32,611	SH	SOLE	1	32,611	0	0
BRANDYWINE REALTY TRUST	COM	105368203	500,715	92,725	SH	SOLE	1	92,725	0	0
BRAZE INC A	CL A	10576N102	1,384,515	26,059	SH	SOLE	1	26,059	0	0
BRC INC A	CL A	05601U105	70,629	19,457	SH	SOLE	1	19,457	0	0

BREAD FINANCIAL HOLDINGS INC	COM	018581108	890,302	27,028	SH	SOLE	1	27,028	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	2,298,103	56,926	SH	SOLE	1	56,926	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	137,431	10,165	SH	SOLE	1	10,165	0	0
BRIGHT GREEN CORP	COM	10920G100	10,194	30,881	SH	SOLE	1	30,881	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	50,324	534	SH	SOLE	1	534	0	0
BRIGHTCOVE	COM	10921T101	56,198	21,698	SH	SOLE	1	21,698	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	4,592,874	86,789	SH	SOLE	1	86,789	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	339,458	17,717	SH	SOLE	1	17,717	0	0
BRIGHTSPIRE CAPITAL INC	CL A	10949T109	476,718	64,075	SH	SOLE	1	64,075	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	173,183	20,568	SH	SOLE	1	20,568	0	0
BRINK S CO/THE	COM	109696104	7,338,548	83,440	SH	SOLE	1	83,440	0	0
BRINKER INTERNATIONAL INC	COM	109641100	1,031,657	23,892	SH	SOLE	1	23,892	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	26,518,650	516,832	SH	SOLE	1	516,832	0	0
BRISTOW GROUP INC	COM	11040G103	363,948	12,874	SH	SOLE	1	12,874	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	9,448,225	406,026	SH	SOLE	1	406,026	0	0
BROADCOM INC	COM	11135F101	179,018,594	160,375	SH	SOLE	1	160,375	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	6,686,875	32,500	SH	SOLE	1	32,500	0	0
BROADSTONE NET LEASE INC	COM	11135E203	1,610,346	93,516	SH	SOLE	1	93,516	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	539,427	92,685	SH	SOLE	1	92,685	0	0
BROOKFIELD BUSINESS CL A	CL A	11259V106	300,871	12,924	SH	SOLE	1	12,924	0	0
BROOKFIELD INFRASTRUCTURE A	CL A	11275Q107	2,103,711	59,629	SH	SOLE	1	59,629	0	0
BROOKFIELD RENEWABLE COR A	CL A SUB VTG	11284V105	31,525	1,095	SH	SOLE	1	1,095	0	0
BROOKLINE BANCORP INC	COM	11373M107	519,294	47,598	SH	SOLE	1	47,598	0	0
BROWN plus BROWN INC	COM	115236101	4,619,234	64,959	SH	SOLE	1	64,959	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	44,097	740	SH	SOLE	1	740	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	2,812,803	49,261	SH	SOLE	1	49,261	0	0
BRP GROUP INC A	COM CL A	05589G102	719,351	29,948	SH	SOLE	1	29,948	0	0
BRT APARTMENTS CORP	COM	055645303	108,584	5,841	SH	SOLE	1	5,841	0	0
BRUKER CORP	COM	116794108	9,280,377	126,298	SH	SOLE	1	126,298	0	0
BRUNSWICK CORP	COM	117043109	8,998,234	93,005	SH	SOLE	1	93,005	0	0
BUCKLE INC/THE	COM	118440106	788,357	16,590	SH	SOLE	1	16,590	0	0
BUILD A BEAR WORKSHOP INC	COM	120076104	150,309	6,538	SH	SOLE	1	6,538	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	5,647,580	33,830	SH	SOLE	1	33,830	0	0
BUMBLE INC A	CL A	12047B105	741,864	50,330	SH	SOLE	1	50,330	0	0
BUNGE GLOBAL SA	COM	H11356104	3,845,589	38,094	SH	SOLE	1	38,094	0	0
BURKE plus HERBERT FINANCIAL SE	COM	12135Y108	201,217	3,199	SH	SOLE	1	3,199	0	0
BURLINGTON STORES INC	COM	122017106	17,153,719	88,203	SH	SOLE	1	88,203	0	0

BUSINESS FIRST BANCSHARES	COM	12326C105	294,148	11,933	SH	SOLE	1	11,933	0	0
BUTTERFLY NETWORK INC	CL A	124155102	76,068	70,433	SH	SOLE	1	70,433	0	0
BWX TECHNOLOGIES INC	COM	05605H100	9,490,273	123,684	SH	SOLE	1	123,684	0	0
BYLINE BANCORP INC	COM	124411109	290,118	12,314	SH	SOLE	1	12,314	0	0
C plus F FINANCIAL CORP	COM	12466Q104	108,422	1,590	SH	SOLE	1	1,590	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	2,708,672	31,354	SH	SOLE	1	31,354	0	0
C3.AI INC A	CL A	12468P104	1,161,808	40,467	SH	SOLE	1	40,467	0	0
CABALETTA BIO INC	COM	12674W109	388,579	17,118	SH	SOLE	1	17,118	0	0
CABLE ONE INC	COM	12685J105	3,426,925	6,157	SH	SOLE	1	6,157	0	0
CABOT CORP	COM	127055101	8,493,704	101,721	SH	SOLE	1	101,721	0	0
CACI INTERNATIONAL INC CL A	CL A	127190304	9,744,947	30,090	SH	SOLE	1	30,090	0	0
CACTUS INC A	COM	127203107	1,459,655	32,151	SH	SOLE	1	32,151	0	0
CADENCE BANK	COM	12740C103	9,938,985	335,890	SH	SOLE	1	335,890	0	0
CADENCE DESIGN SYS INC	COM	127387108	28,817,835	105,804	SH	SOLE	1	105,804	0	0
CADIZ INC	COM	127537207	56,448	20,160	SH	SOLE	1	20,160	0	0
CADRE HOLDINGS INC	COM	12763L105	317,783	9,662	SH	SOLE	1	9,662	0	0
CAESARS ENTERTAINMENT INC	COM	12769G100	2,752,372	58,711	SH	SOLE	1	58,711	0	0
CAL MAINE FOODS INC	COM	128030202	1,281,174	22,324	SH	SOLE	1	22,324	0	0
CALAVO GROWERS INC	COM	128246105	277,601	9,439	SH	SOLE	1	9,439	0	0
CALEDONIA MINING CORP PLC	PLC SHS	G1757E113	99,552	8,160	SH	SOLE	1	8,160	0	0
CALERES INC	COM	129500104	567,460	18,466	SH	SOLE	1	18,466	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q305	2,060,561	37,684	SH	SOLE	1	37,684	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,631,830	31,460	SH	SOLE	1	31,460	0	0
CALIX INC	COM	13100M509	4,720,005	108,034	SH	SOLE	1	108,034	0	0
CALLON PETROLEUM CO	COM	13123X508	1,071,760	33,079	SH	SOLE	1	33,079	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	36,216	6,036	SH	SOLE	1	6,036	0	0
CAMBRIDGE BANCORP	COM	132152109	262,471	3,782	SH	SOLE	1	3,782	0	0
CAMDEN NATIONAL CORP	COM	133034108	267,248	7,102	SH	SOLE	1	7,102	0	0
CAMDEN PROPERTY TRUST	COM	133131102	2,777,538	27,974	SH	SOLE	1	27,974	0	0
CAMPBELL SOUP CO	COM	134429109	2,492,253	57,651	SH	SOLE	1	57,651	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	545,972	20,791	SH	SOLE	1	20,791	0	0
CANNAE HOLDINGS INC	COM	13765N107	666,169	34,145	SH	SOLE	1	34,145	0	0
CANO HEALTH INC	CL A	13781Y202	7,608	1,296	SH	SOLE	1	1,296	0	0
CANTALOUPE INC	COM	138103106	211,237	28,507	SH	SOLE	1	28,507	0	0
CAPITAL BANCORP INC/MD	COM	139737100	114,418	4,728	SH	SOLE	1	4,728	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	193,208	6,565	SH	SOLE	1	6,565	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	13,655,492	104,145	SH	SOLE	1	104,145	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	447,869	69,437	SH	SOLE	1	69,437	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	7,885,721	156,961	SH	SOLE	1	156,961	0	0

CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	178,086	9,503	SH	SOLE	1	9,503	0	0
CARA THERAPEUTICS INC	COM	140755109	17,273	23,248	SH	SOLE	1	23,248	0	0
CARDINAL HEALTH INC	COM	14149Y108	6,625,786	65,732	SH	SOLE	1	65,732	0	0
CARDLYTICS INC	COM	14161W105	167,327	18,168	SH	SOLE	1	18,168	0	0
CAREDX INC	COM	14167L103	310,476	25,873	SH	SOLE	1	25,873	0	0
CAREMAX INC	CL A	14171W103	18,610	37,355	SH	SOLE	1	37,355	0	0
CARETRUST REIT INC	COM	14174T107	1,240,188	55,415	SH	SOLE	1	55,415	0	0
CARGURUS INC	COM	141788109	1,272,483	52,669	SH	SOLE	1	52,669	0	0
CARIBOU BIOSCIENCES INC	COM	142038108	233,171	40,693	SH	SOLE	1	40,693	0	0
CARISMA THERAPEUTICS INC	COM	14216R101	38,831	13,253	SH	SOLE	1	13,253	0	0
CARLISLE COS INC	COM	142339100	20,544,460	65,757	SH	SOLE	1	65,757	0	0
CARLYLE GROUP INC/THE	COM	14316J108	11,896,413	292,367	SH	SOLE	1	292,367	0	0
CARMAX INC	COM	143130102	3,198,370	41,678	SH	SOLE	1	41,678	0	0
CARNIVAL CORP	COM	143658300	5,054,671	272,636	SH	SOLE	1	272,636	0	0
CARPARTS.COM INC	COM	14427M107	85,503	27,058	SH	SOLE	1	27,058	0	0
CARPENTER TECHNOLOGY	COM	144285103	1,887,032	26,653	SH	SOLE	1	26,653	0	0
CARRIAGE SERVICES INC	COM	143905107	166,717	6,666	SH	SOLE	1	6,666	0	0
CARRIER GLOBAL CORP	COM	14448C104	12,914,243	224,791	SH	SOLE	1	224,791	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	143,952	18,268	SH	SOLE	1	18,268	0	0
CARS.COM INC	COM	14575E105	682,579	35,982	SH	SOLE	1	35,982	0	0
CARTER BANKSHARES INC	COM	146103106	168,907	11,283	SH	SOLE	1	11,283	0	0
CARTER S INC	COM	146229109	3,724,654	49,735	SH	SOLE	1	49,735	0	0
CARTESIAN THERAPEUTICS INC	COM	816212104	40,260	58,398	SH	SOLE	1	58,398	0	0
CARVANA CO	COM	146869102	2,526,297	47,720	SH	SOLE	1	47,720	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	2,400,144	28,085	SH	SOLE	1	28,085	0	0
CASEY S GENERAL STORES INC	COM	147528103	13,842,775	50,385	SH	SOLE	1	50,385	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	306,565	6,805	SH	SOLE	1	6,805	0	0
CASSAVA SCIENCES INC	COM	14817C107	445,000	19,769	SH	SOLE	1	19,769	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	266,491	12,349	SH	SOLE	1	12,349	0	0
CATALENT INC	COM	148806102	2,229,741	49,627	SH	SOLE	1	49,627	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	918,229	54,624	SH	SOLE	1	54,624	0	0
CATERPILLAR INC	COM	149123101	45,163,297	152,749	SH	SOLE	1	152,749	0	0
CATHAY GENERAL BANCORP	COM	149150104	1,693,437	37,995	SH	SOLE	1	37,995	0	0
CATO CORP CLASS A	COM	149205106	61,775	8,652	SH	SOLE	1	8,652	0	0
CAVA GROUP INC	COM	148929102	10,358	241	SH	SOLE	1	241	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,634,660	4,716	SH	SOLE	1	4,716	0	0
CBIZ INC	COM	124805102	1,492,146	23,840	SH	SOLE	1	23,840	0	0
CBL plus ASSOCIATES PROPERTIES	COM	124830878	326,764	13,381	SH	SOLE	1	13,381	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	5,086,282	28,485	SH	SOLE	1	28,485	0	0
CBRE GROUP INC A	COM	12504L109	10,169,245	109,241	SH	SOLE	1	109,241	0	0

CCC INTELLIGENT SOLUTIONS HO	COM	12510Q100	18,839	1,654	SH	SOLE	1	1,654	0	0
CDW CORP/DE	COM	12514G108	10,508,549	46,228	SH	SOLE	1	46,228	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	299,353	14,761	SH	SOLE	1	14,761	0	0
CELANESE CORP	COM	150870103	4,264,751	27,449	SH	SOLE	1	27,449	0	0
CELCUITY INC	COM	15102K100	126,351	8,672	SH	SOLE	1	8,672	0	0
CELLDEX THERAPEUTICS INC	COM	15117B202	915,908	23,094	SH	SOLE	1	23,094	0	0
CELSIUS HOLDINGS INC	COM	15118V207	10,985,344	201,492	SH	SOLE	1	201,492	0	0
CENCORA INC	COM	03073E105	9,258,736	45,081	SH	SOLE	1	45,081	0	0
CENTENE CORP	COM	15135B101	12,366,503	166,642	SH	SOLE	1	166,642	0	0
CENTERPOINT ENERGY INC	COM	15189T107	4,728,992	165,523	SH	SOLE	1	165,523	0	0
CENTERSPACE	COM	15202L107	478,637	8,224	SH	SOLE	1	8,224	0	0
CENTRAL GARDEN plus PET CO	COM	153527106	262,526	5,239	SH	SOLE	1	5,239	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	947,256	21,509	SH	SOLE	1	21,509	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	284,986	14,481	SH	SOLE	1	14,481	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	110,990	4,966	SH	SOLE	1	4,966	0	0
CENTRUS ENERGY CORP CLASS A	CL A	15643U104	332,173	6,105	SH	SOLE	1	6,105	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	347,155	28,596	SH	SOLE	1	28,596	0	0
CENTURY CASINOS INC	COM	156492100	66,719	13,672	SH	SOLE	1	13,672	0	0
CENTURY COMMUNITIES INC	COM	156504300	1,410,665	15,478	SH	SOLE	1	15,478	0	0
CENTURY THERAPEUTICS INC	COM	15673T100	38,655	11,643	SH	SOLE	1	11,643	0	0
CERENCE INC	COM	156727109	431,498	21,948	SH	SOLE	1	21,948	0	0
CEREVEL THERAPEUTICS HOLDING	COM	15678U128	1,473,315	34,748	SH	SOLE	1	34,748	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	2,816,959	41,969	SH	SOLE	1	41,969	0	0
CERTARA INC	COM	15687V109	112,330	6,386	SH	SOLE	1	6,386	0	0
CERUS CORP	COM	157085101	190,521	88,204	SH	SOLE	1	88,204	0	0
CEVA INC	COM	157210105	287,599	12,664	SH	SOLE	1	12,664	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	4,082,087	51,347	SH	SOLE	1	51,347	0	0
CHAMPIONX CORP	COM	15872M104	10,484,287	358,928	SH	SOLE	1	358,928	0	0
CHARGE ENTERPRISES INC	COM	159610104	7,716	67,629	SH	SOLE	1	67,629	0	0
CHARGEPOINT HOLDINGS INC	CL A	15961R105	12,149	5,192	SH	SOLE	1	5,192	0	0
CHARLES RIVER LABORATORIES	COM	159864107	3,178,871	13,447	SH	SOLE	1	13,447	0	0
CHART INDUSTRIES INC	COM	16115Q308	10,600,203	77,754	SH	SOLE	1	77,754	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	15,464,022	39,786	SH	SOLE	1	39,786	0	0
CHATHAM LODGING TRUST	COM	16208T102	281,572	26,266	SH	SOLE	1	26,266	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	2,633,336	17,235	SH	SOLE	1	17,235	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	921,568	26,323	SH	SOLE	1	26,323	0	0
CHEFS WAREHOUSE	COM	163086101	564,055	19,166	SH	SOLE	1	19,166	0	0

INC/THE										
CHEGG INC	COM	163092109	643,271	56,626	SH	SOLE	1	56,626	0	0
CHEMED CORP	COM	16359R103	11,948,197	20,433	SH	SOLE	1	20,433	0	0
CHEMOURS CO/THE	COM	163851108	6,323,991	200,507	SH	SOLE	1	200,507	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	86,702	1,741	SH	SOLE	1	1,741	0	0
CHENIERE ENERGY INC	COM	16411R208	692,400	4,056	SH	SOLE	1	4,056	0	0
CHESAPEAKE ENERGY CORP	COM	165167735	11,587,549	150,605	SH	SOLE	1	150,605	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	1,225,414	11,601	SH	SOLE	1	11,601	0	0
CHEVRON CORP	COM	166764100	80,061,481	536,749	SH	SOLE	1	536,749	0	0
CHICAGO ATLANTIC REAL ESTATE	COM	167239102	131,673	8,138	SH	SOLE	1	8,138	0	0
CHICO S FAS INC	COM	168615102	497,551	65,640	SH	SOLE	1	65,640	0	0
CHILDREN S PLACE INC/THE	COM	168905107	137,695	5,930	SH	SOLE	1	5,930	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	564,569	113,140	SH	SOLE	1	113,140	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	16,692,521	7,299	SH	SOLE	1	7,299	0	0
CHOICE HOTELS INTL INC	COM	169905106	3,844,722	33,934	SH	SOLE	1	33,934	0	0
CHOICEONE FINANCIAL SVCS INC	COM	170386106	101,730	3,472	SH	SOLE	1	3,472	0	0
CHORD ENERGY CORP	COM	674215207	12,672,710	76,236	SH	SOLE	1	76,236	0	0
CHUBB LTD	COM	H1467J104	31,326,312	138,612	SH	SOLE	1	138,612	0	0
CHURCH plus DWIGHT CO INC	COM	171340102	8,673,611	91,726	SH	SOLE	1	91,726	0	0
CHURCHILL DOWNS INC	COM	171484108	12,459,031	92,337	SH	SOLE	1	92,337	0	0
CHUY S HOLDINGS INC	COM	171604101	374,463	9,795	SH	SOLE	1	9,795	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	35,433	2,325	SH	SOLE	1	2,325	0	0
CIENA CORP	COM	171779309	8,988,722	199,705	SH	SOLE	1	199,705	0	0
CIMPRESS PLC	SHS EURO	G2143T103	716,928	8,956	SH	SOLE	1	8,956	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	4,253,965	41,117	SH	SOLE	1	41,117	0	0
CINEMARK HOLDINGS INC	COM	17243V102	840,483	59,651	SH	SOLE	1	59,651	0	0
CINTAS CORP	COM	172908105	22,168,245	36,784	SH	SOLE	1	36,784	0	0
CIPHER MINING INC	COM	17253J106	86,342	20,906	SH	SOLE	1	20,906	0	0
CIRRUS LOGIC INC	COM	172755100	6,057,480	72,815	SH	SOLE	1	72,815	0	0
CISCO SYSTEMS INC	COM	17275R102	75,822,588	1,500,843	SH	SOLE	1	1,500,843	0	0
CITIGROUP INC	COM	172967424	25,006,476	486,129	SH	SOLE	1	486,129	0	0
CITIUS PHARMACEUTICALS INC	COM	17322U207	46,211	61,085	SH	SOLE	1	61,085	0	0
CITIZENS plus NORTHERN CORP	COM	172922106	166,700	7,432	SH	SOLE	1	7,432	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	4,051,332	122,249	SH	SOLE	1	122,249	0	0
CITIZENS FINANCIAL SERVICES	COM	174615104	121,997	1,885	SH	SOLE	1	1,885	0	0
CITY HOLDING CO	COM	177835105	892,224	8,092	SH	SOLE	1	8,092	0	0
CITY OFFICE REIT INC	COM	178587101	118,491	19,393	SH	SOLE	1	19,393	0	0
CIVISTA BANCSHARES INC	COM	178867107	141,711	7,685	SH	SOLE	1	7,685	0	0
CIVITAS RESOURCES INC	COM	17888H103	10,584,403	154,788	SH	SOLE	1	154,788	0	0

CLARIVATE PLC	ORD SHS	G21810109	35,827	3,869	SH	SOLE	1	3,869	0	0
CLAROS MORTGAGE TRUST INC	COM	18270D106	615,285	45,142	SH	SOLE	1	45,142	0	0
CLARUS CORP	COM	18270P109	100,322	14,550	SH	SOLE	1	14,550	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	323,057	84,349	SH	SOLE	1	84,349	0	0
CLEAN HARBORS INC	COM	184496107	11,871,566	68,028	SH	SOLE	1	68,028	0	0
CLEANSARK INC	COM	18452B209	821,272	74,458	SH	SOLE	1	74,458	0	0
CLEAR CHANNEL OUTDOOR HOLDIN	COM	18453H106	339,392	186,479	SH	SOLE	1	186,479	0	0
CLEAR SECURE INC CLASS A	CL A	18467V109	844,027	40,873	SH	SOLE	1	40,873	0	0
CLEARFIELD INC	COM	18482P103	189,224	6,507	SH	SOLE	1	6,507	0	0
CLEARPOINT NEURO INC	COM	18507C103	77,365	11,394	SH	SOLE	1	11,394	0	0
CLEARWATER PAPER CORP	COM	18538R103	321,612	8,904	SH	SOLE	1	8,904	0	0
CLEARWAY ENERGY INC A	COM	18539C105	48,858	1,910	SH	SOLE	1	1,910	0	0
CLEARWAY ENERGY INC C	COM	18539C204	124,587	4,542	SH	SOLE	1	4,542	0	0
CLEVELAND CLIFFS INC	COM	185899101	13,924,337	681,897	SH	SOLE	1	681,897	0	0
CLIMB GLOBAL SOLUTIONS INC	COM	946760105	113,334	2,067	SH	SOLE	1	2,067	0	0
CLIPPER REALTY INC	COM	18885T306	30,710	5,687	SH	SOLE	1	5,687	0	0
CLOROX COMPANY	COM	189054109	4,789,456	33,589	SH	SOLE	1	33,589	0	0
CLOUDFLARE INC CLASS A	COM	18915M107	409,556	4,919	SH	SOLE	1	4,919	0	0
CME GROUP INC	COM	12572Q105	23,849,818	113,247	SH	SOLE	1	113,247	0	0
CMS ENERGY CORP	COM	125896100	4,442,355	76,500	SH	SOLE	1	76,500	0	0
CNA FINANCIAL CORP	COM	126117100	9,054	214	SH	SOLE	1	214	0	0
CNB FINANCIAL CORP/PA	COM	126128107	230,554	10,206	SH	SOLE	1	10,206	0	0
CNH INDUSTRIAL NV	N V SHS	N20944109	97,903	8,038	SH	SOLE	1	8,038	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	5,755,937	206,306	SH	SOLE	1	206,306	0	0
CNX RESOURCES CORP	COM	12653C108	5,823,740	291,187	SH	SOLE	1	291,187	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	238,926	5,380	SH	SOLE	1	5,380	0	0
COCA COLA CO/THE	COM	191216100	59,312,456	1,006,490	SH	SOLE	1	1,006,490	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	8,046,443	8,667	SH	SOLE	1	8,667	0	0
COCA COLA EUROPACIFIC PARTNE	COM	G25839104	6,031,961	90,380	SH	SOLE	1	90,380	0	0
CODEXIS INC	COM	192005106	105,689	34,652	SH	SOLE	1	34,652	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	119,171	4,637	SH	SOLE	1	4,637	0	0
COEUR MINING INC	COM	192108504	536,860	164,681	SH	SOLE	1	164,681	0	0
COGENT BIOSCIENCES INC	COM	19240Q201	242,773	41,288	SH	SOLE	1	41,288	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,810,684	23,806	SH	SOLE	1	23,806	0	0
COGNEX CORP	COM	192422103	9,705,760	232,529	SH	SOLE	1	232,529	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	14,888,549	197,121	SH	SOLE	1	197,121	0	0
COHEN plus STEERS INC	COM	19247A100	979,492	12,934	SH	SOLE	1	12,934	0	0
COHERENT CORP	COM	19247G107	7,748,427	178,002	SH	SOLE	1	178,002	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	165,198	49,609	SH	SOLE	1	49,609	0	0

COHU INC	COM	192576106	900,782	25,453	SH	SOLE	1	25,453	0	0
COINBASE GLOBAL INC CLASS A	CL A	19260Q107	242,271	1,393	SH	SOLE	1	1,393	0	0
COLGATE PALMOLIVE CO	COM	194162103	16,976,476	212,978	SH	SOLE	1	212,978	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	577,525	18,763	SH	SOLE	1	18,763	0	0
COLONY BANKCORP	COM	19623P101	109,166	8,208	SH	SOLE	1	8,208	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	7,516,610	281,732	SH	SOLE	1	281,732	0	0
COLUMBIA FINANCIAL INC	COM	197641103	284,669	14,765	SH	SOLE	1	14,765	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	3,706,087	46,594	SH	SOLE	1	46,594	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	547,529	14,032	SH	SOLE	1	14,032	0	0
COMCAST CORP CLASS A	COM	20030N101	65,768,993	1,499,863	SH	SOLE	1	1,499,863	0	0
COMERICA INC	COM	200340107	1,929,798	34,578	SH	SOLE	1	34,578	0	0
COMFORT SYSTEMS USA INC	COM	199908104	13,483,520	65,559	SH	SOLE	1	65,559	0	0
COMMERCE BANCSHARES INC	COM	200525103	8,568,246	160,424	SH	SOLE	1	160,424	0	0
COMMERCIAL METALS CO	COM	201723103	10,770,159	215,231	SH	SOLE	1	215,231	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	113,282	16,160	SH	SOLE	1	16,160	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	293,658	104,134	SH	SOLE	1	104,134	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	1,511,086	28,998	SH	SOLE	1	28,998	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	195,616	62,497	SH	SOLE	1	62,497	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	385,294	14,463	SH	SOLE	1	14,463	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	338,950	7,728	SH	SOLE	1	7,728	0	0
COMMVault SYSTEMS INC	COM	204166102	6,444,853	80,712	SH	SOLE	1	80,712	0	0
COMPASS DIVERSIFIED HOLDINGS	SH BEN INT	20451Q104	705,334	31,418	SH	SOLE	1	31,418	0	0
COMPASS INC CLASS A	CL A	20464U100	532,314	141,573	SH	SOLE	1	141,573	0	0
COMPASS MINERALS INTERNATIONAL	COM	20451N101	471,509	18,622	SH	SOLE	1	18,622	0	0
COMPASS THERAPEUTICS INC	COM	20454B104	70,762	45,360	SH	SOLE	1	45,360	0	0
COMPOSECURE INC	CL A	20459V105	44,134	8,173	SH	SOLE	1	8,173	0	0
COMPUTER PROGRAMS plus SYSTEMS	COM	205306103	79,542	7,102	SH	SOLE	1	7,102	0	0
COMPX INTERNATIONAL INC	COM	20563P101	19,137	757	SH	SOLE	1	757	0	0
COMSTOCK RESOURCES INC	COM	205768302	442,792	50,033	SH	SOLE	1	50,033	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	114,328	13,562	SH	SOLE	1	13,562	0	0
CONAGRA BRANDS INC	COM	205887102	3,591,614	125,318	SH	SOLE	1	125,318	0	0
CONCENTRIX CORP	COM	20602D101	6,270,316	63,846	SH	SOLE	1	63,846	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	104,378	12,729	SH	SOLE	1	12,729	0	0
CONDUENT INC	COM	206787103	312,305	85,563	SH	SOLE	1	85,563	0	0
CONFLUENT INC CLASS A	CL A	20717M103	73,265	3,131	SH	SOLE	1	3,131	0	0

CONMED CORP	COM	207410101	1,827,612	16,689	SH	SOLE	1	16,689	0	0
CONNECTONE BANCORP INC	COM	20786W107	417,329	18,216	SH	SOLE	1	18,216	0	0
CONOCOPHILLIPS	COM	20825C104	42,776,438	368,540	SH	SOLE	1	368,540	0	0
CONSENSUS CLOUD SOLUTION	COM	20848V105	277,276	10,579	SH	SOLE	1	10,579	0	0
CONSOL ENERGY INC	COM	20854L108	1,659,650	16,509	SH	SOLE	1	16,509	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	181,091	41,630	SH	SOLE	1	41,630	0	0
CONSOLIDATED EDISON INC	COM	209115104	11,316,304	124,396	SH	SOLE	1	124,396	0	0
CONSOLIDATED WATER CO ORD SH	ORD SHS	G23773107	266,181	7,477	SH	SOLE	1	7,477	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	9,924,321	41,052	SH	SOLE	1	41,052	0	0
CONSTELLATION ENERGY	COM	21037T109	12,587,066	107,683	SH	SOLE	1	107,683	0	0
CONSTELLIUM SE	CL A	F21107101	1,279,117	64,084	SH	SOLE	1	64,084	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	869,704	19,984	SH	SOLE	1	19,984	0	0
CONSUMER PORTFOLIO SERVICES	COM	210502100	39,757	4,243	SH	SOLE	1	4,243	0	0
CONTANGO ORE INC	COM	21077F100	70,104	3,871	SH	SOLE	1	3,871	0	0
CONTEXTLOGIC INC A	CL A	21077C305	66,420	11,163	SH	SOLE	1	11,163	0	0
COOPER COS INC/THE	COM	216648402	5,006,383	13,229	SH	SOLE	1	13,229	0	0
COOPER STANDARD HOLDING	COM	21676P103	164,234	8,405	SH	SOLE	1	8,405	0	0
COPART INC	COM	217204106	17,086,055	348,695	SH	SOLE	1	348,695	0	0
COPT DEFENSE PROPERTIES	COM	22002T108	5,310,357	207,193	SH	SOLE	1	207,193	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	1,433,342	44,130	SH	SOLE	1	44,130	0	0
CORE plus MAIN INC CLASS A	CL A	21874C102	7,459,444	184,594	SH	SOLE	1	184,594	0	0
CORE LABORATORIES INC	COM	21867A105	450,507	25,510	SH	SOLE	1	25,510	0	0
CORE MOLDING TECHNOLOGIES IN	COM	218683100	67,394	3,637	SH	SOLE	1	3,637	0	0
COREBRIDGE FINANCIAL INC	COM	21871X109	40,742	1,881	SH	SOLE	1	1,881	0	0
CORECARD CORP	COM	45816D100	49,774	3,599	SH	SOLE	1	3,599	0	0
CORECIVIC INC	COM	21871N101	899,233	61,888	SH	SOLE	1	61,888	0	0
CORMEDIX INC	COM	21900C308	102,719	27,319	SH	SOLE	1	27,319	0	0
CORNING INC	COM	219350105	6,329,337	207,860	SH	SOLE	1	207,860	0	0
CORSAIR GAMING INC	COM	22041X102	287,696	20,404	SH	SOLE	1	20,404	0	0
CORTEVA INC	COM	22052L104	8,859,066	184,872	SH	SOLE	1	184,872	0	0
CORVEL CORP	COM	221006109	1,177,214	4,762	SH	SOLE	1	4,762	0	0
COSTAMARE INC	COM	Y1771G102	240,471	23,100	SH	SOLE	1	23,100	0	0
COSTAR GROUP INC	COM	22160N109	14,123,884	161,619	SH	SOLE	1	161,619	0	0
COSTCO WHOLESALE CORP	COM	22160K105	96,006,656	145,447	SH	SOLE	1	145,447	0	0
COTERRA ENERGY INC	COM	127097103	5,184,005	203,135	SH	SOLE	1	203,135	0	0
COTY INC CL A	CL A	222070203	6,283,054	505,882	SH	SOLE	1	505,882	0	0
COUCHBASE INC	COM	22207T101	389,551	17,298	SH	SOLE	1	17,298	0	0
COUPANG INC	CL A	22266T109	300,211	18,543	SH	SOLE	1	18,543	0	0
COURSERA INC	COM	22266M104	1,254,246	64,752	SH	SOLE	1	64,752	0	0
COUSINS PROPERTIES INC	COM	222795502	4,991,945	205,008	SH	SOLE	1	205,008	0	0

COVENANT LOGISTICS GROUP INC	CL A	22284P105	190,652	4,141	SH	SOLE	1	4,141	0	0
CPI CARD GROUP INC	COM	12634H200	40,606	2,116	SH	SOLE	1	2,116	0	0
CRA INTERNATIONAL INC	COM	12618T105	334,113	3,380	SH	SOLE	1	3,380	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	926,039	12,014	SH	SOLE	1	12,014	0	0
CRANE CO	COM	224408104	7,794,168	65,974	SH	SOLE	1	65,974	0	0
CRANE NXT CO	COM	224441105	3,708,436	65,209	SH	SOLE	1	65,209	0	0
CRAWFORD plus COMPANY CL A	CL A	224633206	94,936	7,203	SH	SOLE	1	7,203	0	0
CREDICORP LTD	COM	G2519Y108	135,987	907	SH	SOLE	1	907	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	27,702	52	SH	SOLE	1	52	0	0
CREDO TECHNOLOGY GROUP HOLDI	ORD SHS	G25457105	1,110,647	57,044	SH	SOLE	1	57,044	0	0
CRESCENT ENERGY INC A	CL A	44952J104	506,366	38,332	SH	SOLE	1	38,332	0	0
CRH PLC	PLC ORD	G25508105	7,911,627	114,396	SH	SOLE	1	114,396	0	0
CRICUT INC CLASS A	CL A	22658D100	156,697	23,778	SH	SOLE	1	23,778	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	1,154,820	32,457	SH	SOLE	1	32,457	0	0
CROCS INC	COM	227046109	7,691,660	82,343	SH	SOLE	1	82,343	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	422,621	18,667	SH	SOLE	1	18,667	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	305,224	22,476	SH	SOLE	1	22,476	0	0
CROWDSTRIKE HOLDINGS INC A	CL A	22788C105	4,961,123	19,431	SH	SOLE	1	19,431	0	0
CROWN CASTLE INC	COM	22822V101	13,187,988	114,489	SH	SOLE	1	114,489	0	0
CROWN HOLDINGS INC	COM	228368106	14,996,488	162,846	SH	SOLE	1	162,846	0	0
CRYOPORT INC	COM	229050307	333,221	21,512	SH	SOLE	1	21,512	0	0
CS DISCO INC	COM	126327105	85,258	11,233	SH	SOLE	1	11,233	0	0
CSG SYSTEMS INTL INC	COM	126349109	907,816	17,061	SH	SOLE	1	17,061	0	0
CSW INDUSTRIALS INC	COM	126402106	1,590,005	7,666	SH	SOLE	1	7,666	0	0
CSX CORP	COM	126408103	25,289,407	729,432	SH	SOLE	1	729,432	0	0
CTO REALTY GROWTH INC	COM	22948Q101	189,348	10,926	SH	SOLE	1	10,926	0	0
CTS CORP	COM	126501105	737,981	16,872	SH	SOLE	1	16,872	0	0
CUBESMART	COM	229663109	14,077,654	303,725	SH	SOLE	1	303,725	0	0
CUE BIOPHARMA INC	COM	22978P106	47,224	17,888	SH	SOLE	1	17,888	0	0
CULLEN/FROST BANKERS INC	COM	229899109	9,381,456	86,473	SH	SOLE	1	86,473	0	0
CULLINAN ONCOLOGY INC	COM	230031106	130,962	12,852	SH	SOLE	1	12,852	0	0
CULLINAN ONCOLOGY INC	COM	230031106	12,469,625	1,223,712	SH	SOLE	2	1,223,712	0	0
CUMMINS INC	COM	231021106	8,904,577	37,169	SH	SOLE	1	37,169	0	0
CURTISS WRIGHT CORP	COM	231561101	11,508,217	51,655	SH	SOLE	1	51,655	0	0
CUSHMAN plus WAKEFIELD PLC	COM	G2717B108	977,465	90,506	SH	SOLE	1	90,506	0	0
CUSTOM TRUCK ONE SOURCE INC	CL A	23204X103	174,288	28,202	SH	SOLE	1	28,202	0	0
CUSTOMERS BANCORP INC	COM	23204G100	896,510	15,559	SH	SOLE	1	15,559	0	0
CUTERA INC	COM	232109108	32,102	9,107	SH	SOLE	1	9,107	0	0
CVB FINANCIAL CORP	COM	126600105	1,461,857	72,405	SH	SOLE	1	72,405	0	0
CVR ENERGY INC	COM	12662P108	488,224	16,113	SH	SOLE	1	16,113	0	0

CVRX INC	COM	126638105	173,800	5,528	SH	SOLE	1	5,528	0	0
CVS HEALTH CORP	COM	126650100	25,759,831	326,239	SH	SOLE	1	326,239	0	0
CXAPP INC	CL A	23248B109	1,402	1,087	SH	SOLE	1	1,087	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	1,639,370	7,484	SH	SOLE	1	7,484	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	1,329,050	56,268	SH	SOLE	1	56,268	0	0
CYTEK BIOSCIENCES INC	COM	23285D109	591,806	64,891	SH	SOLE	1	64,891	0	0
CYTOKINETICS INC	COM	23282W605	4,249,641	50,900	SH	SOLE	1	50,900	0	0
DAILY JOURNAL CORP	COM	233912104	227,668	668	SH	SOLE	1	668	0	0
DAKOTA GOLD CORP	COM	46655E100	73,245	27,956	SH	SOLE	1	27,956	0	0
DAKTRONICS INC	COM	234264109	158,890	18,737	SH	SOLE	1	18,737	0	0
DANA INC	COM	235825205	1,035,615	70,884	SH	SOLE	1	70,884	0	0
DANAHER CORP	COM	235851102	43,261,737	187,005	SH	SOLE	1	187,005	0	0
DANIMER SCIENTIFIC INC	CL A	236272100	44,492	43,620	SH	SOLE	1	43,620	0	0
DAQO NEW ENERGY CORP ADR	SPNSRD ADS	23703Q203	19,950	750	SH	SOLE	1	750	0	0
DARDEN RESTAURANTS INC	COM	237194105	5,821,149	35,430	SH	SOLE	1	35,430	0	0
DARLING INGREDIENTS INC	COM	237266101	10,739,673	215,483	SH	SOLE	1	215,483	0	0
DASEKE INC	COM	23753F107	165,434	20,424	SH	SOLE	1	20,424	0	0
DATADOG INC CLASS A	COM	23804L103	3,109,634	25,619	SH	SOLE	1	25,619	0	0
DAVE plus BUSTER S ENTERTAINMEN	COM	238337109	1,054,975	19,591	SH	SOLE	1	19,591	0	0
DAVITA INC	COM	23918K108	1,566,372	14,952	SH	SOLE	1	14,952	0	0
DAY ONE BIOPHARMACEUTICALS I	COM	23954D109	454,673	31,142	SH	SOLE	1	31,142	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	428,510	26,566	SH	SOLE	1	26,566	0	0
DECKERS OUTDOOR CORP	COM	243537107	23,387,697	34,989	SH	SOLE	1	34,989	0	0
DEERE plus CO	COM	244199105	31,934,018	79,861	SH	SOLE	1	79,861	0	0
DEFINITIVE HEALTHCARE CORP	CL A	24477E103	229,385	23,077	SH	SOLE	1	23,077	0	0
DELEK US HOLDINGS INC	COM	24665A103	825,703	32,004	SH	SOLE	1	32,004	0	0
DELTA AIR LINES INC	COM	247361702	7,285,935	181,107	SH	SOLE	1	181,107	0	0
DELUXE CORP	COM	248019101	508,344	23,699	SH	SOLE	1	23,699	0	0
DENALI THERAPEUTICS INC	COM	24823R105	1,260,239	58,725	SH	SOLE	1	58,725	0	0
DENNY S CORP	COM	24869P104	277,516	25,507	SH	SOLE	1	25,507	0	0
DENTSPLY SIRONA INC	COM	24906P109	1,977,060	55,551	SH	SOLE	1	55,551	0	0
DESIGN THERAPEUTICS INC	COM	25056L103	43,166	16,289	SH	SOLE	1	16,289	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	208,205	23,526	SH	SOLE	1	23,526	0	0
DESKTOP METAL INC A	CL A	25058X105	104,722	139,443	SH	SOLE	1	139,443	0	0
DESTINATION XL GROUP INC	COM	25065K104	122,954	27,944	SH	SOLE	1	27,944	0	0
DEVON ENERGY CORP	COM	25179M103	7,610,944	168,012	SH	SOLE	1	168,012	0	0
DEXCOM INC	COM	252131107	17,986,473	144,947	SH	SOLE	1	144,947	0	0
DHI GROUP INC	COM	23331S100	55,123	21,283	SH	SOLE	1	21,283	0	0
DHT HOLDINGS INC	COM	Y2065G121	669,219	68,218	SH	SOLE	1	68,218	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	225,699	1,363	SH	SOLE	1	1,363	0	0

DIAMOND OFFSHORE DRILLING IN	COM	25271C201	657,826	50,602	SH	SOLE	1	50,602	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	9,538,506	61,507	SH	SOLE	1	61,507	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,074,601	114,441	SH	SOLE	1	114,441	0	0
DICK S SPORTING GOODS INC	COM	253393102	12,202,287	83,037	SH	SOLE	1	83,037	0	0
DIGI INTERNATIONAL INC	COM	253798102	498,368	19,168	SH	SOLE	1	19,168	0	0
DIGIMARC CORP	COM	25381B101	255,296	7,068	SH	SOLE	1	7,068	0	0
DIGITAL REALTY TRUST INC	COM	253868103	10,996,263	81,708	SH	SOLE	1	81,708	0	0
DIGITAL TURBINE INC	COM	25400W102	355,883	51,878	SH	SOLE	1	51,878	0	0
DIGITALBRIDGE GROUP INC	CL A	25401T603	1,411,567	80,477	SH	SOLE	1	80,477	0	0
DIGITALOCEAN HOLDINGS INC	COM	25402D102	1,156,982	31,534	SH	SOLE	1	31,534	0	0
DILLARDS INC CL A	CL A	254067101	697,911	1,729	SH	SOLE	1	1,729	0	0
DIME COMMUNITY BANCSHARES IN	COM	25432X102	512,586	19,034	SH	SOLE	1	19,034	0	0
DINE BRANDS GLOBAL INC	COM	254423106	418,351	8,426	SH	SOLE	1	8,426	0	0
DIODES INC	COM	254543101	1,982,563	24,622	SH	SOLE	1	24,622	0	0
DISC MEDICINE INC	COM	254604101	256,685	4,444	SH	SOLE	1	4,444	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	7,551,144	67,181	SH	SOLE	1	67,181	0	0
DISH NETWORK CORP A	COM	25470M109	67,353	11,673	SH	SOLE	1	11,673	0	0
DISTRIBUTION SOLUTIONS GROUP	COM	520776105	157,169	4,980	SH	SOLE	1	4,980	0	0
DIVERSIFIED HEALTHCARE TRUST	COM SH BEN INT	25525P107	444,413	118,827	SH	SOLE	1	118,827	0	0
DMC GLOBAL INC	COM	23291C103	182,705	9,708	SH	SOLE	1	9,708	0	0
DNOW INC	COM	67011P100	656,130	57,962	SH	SOLE	1	57,962	0	0
DOCGO INC	COM	256086109	216,137	38,665	SH	SOLE	1	38,665	0	0
DOCUSIGN INC	COM	256163106	203,438	3,422	SH	SOLE	1	3,422	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	6,932,405	80,441	SH	SOLE	1	80,441	0	0
DOLE PLC	ORD SHS	G27907107	437,168	35,571	SH	SOLE	1	35,571	0	0
DOLLAR GENERAL CORP	COM	256677105	10,212,156	75,117	SH	SOLE	1	75,117	0	0
DOLLAR TREE INC	COM	256746108	12,181,214	85,753	SH	SOLE	1	85,753	0	0
DOMINION ENERGY INC	COM	25746U109	9,989,803	212,549	SH	SOLE	1	212,549	0	0
DOMINO S PIZZA INC	COM	25754A201	4,310,689	10,457	SH	SOLE	1	10,457	0	0
DOMO INC CLASS B	COM	257554105	162,932	15,834	SH	SOLE	1	15,834	0	0
DONALDSON CO INC	COM	257651109	10,682,046	163,459	SH	SOLE	1	163,459	0	0
DONEGAL GROUP INC CL A	CL A	257701201	108,506	7,756	SH	SOLE	1	7,756	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	839,874	13,466	SH	SOLE	1	13,466	0	0
DOORDASH INC A	CL A	25809K105	3,002,597	30,363	SH	SOLE	1	30,363	0	0
DORIAN LPG LTD	COM	Y2106R110	822,650	18,752	SH	SOLE	1	18,752	0	0
DORMAN PRODUCTS INC	COM	258278100	1,203,690	14,431	SH	SOLE	1	14,431	0	0
DOUBLEVERIFY HOLDINGS INC	COM	25862V105	326,275	8,871	SH	SOLE	1	8,871	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	332,921	11,217	SH	SOLE	1	11,217	0	0
DOUGLAS ELLIMAN INC	COM	25961D105	118,894	40,303	SH	SOLE	1	40,303	0	0

DOUGLAS EMMETT INC	COM	25960P109	1,276,682	88,047	SH	SOLE	1	88,047	0	0
DOVER CORP	COM	260003108	5,641,751	36,680	SH	SOLE	1	36,680	0	0
DOW INC	COM	260557103	9,770,130	178,157	SH	SOLE	1	178,157	0	0
DOXIMITY INC CLASS A	CL A	26622P107	4,488,531	160,076	SH	SOLE	1	160,076	0	0
DR HORTON INC	COM	23331A109	13,865,135	91,230	SH	SOLE	1	91,230	0	0
DRAFTKINGS INC CL A	CL A	26142V105	249,359	7,074	SH	SOLE	1	7,074	0	0
DRAGONFLY ENERGY HOLDINGS CO	COM	26145B106	7,867	14,521	SH	SOLE	1	14,521	0	0
DREAM FINDERS HOMES INC A	CL A	26154D100	427,994	12,046	SH	SOLE	1	12,046	0	0
DRIL QUIP INC	COM	262037104	431,147	18,528	SH	SOLE	1	18,528	0	0
DRIVEN BRANDS HOLDINGS INC	COM	26210V102	7,287	511	SH	SOLE	1	511	0	0
DROPBOX INC CLASS A	COM	26210C104	10,260,691	348,056	SH	SOLE	1	348,056	0	0
DTE ENERGY COMPANY	COM	233331107	5,961,097	54,064	SH	SOLE	1	54,064	0	0
DTE MIDSTREAM LLC W/I	COM	23345M107	7,172,936	130,893	SH	SOLE	1	130,893	0	0
DUCKHORN PORTFOLIO INC/THE	COM	26414D106	215,035	21,831	SH	SOLE	1	21,831	0	0
DUCOMMUN INC	COM	264147109	346,720	6,660	SH	SOLE	1	6,660	0	0
DUKE ENERGY CORP	COM	26441C204	18,996,744	195,762	SH	SOLE	1	195,762	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	36,175	6,724	SH	SOLE	1	6,724	0	0
DUN plus BRADSTREET HOLDINGS IN	COM	26484T106	26,208	2,240	SH	SOLE	1	2,240	0	0
DUOLINGO	CL A	26603R106	3,299,306	14,544	SH	SOLE	1	14,544	0	0
DUPONT DE NEMOURS INC	COM	26614N102	8,693,782	113,009	SH	SOLE	1	113,009	0	0
DXC TECHNOLOGY CO	COM	23355L106	246,424	10,775	SH	SOLE	1	10,775	0	0
DXP ENTERPRISES INC	COM	233377407	248,942	7,387	SH	SOLE	1	7,387	0	0
DYCOM INDUSTRIES INC	COM	267475101	1,799,432	15,635	SH	SOLE	1	15,635	0	0
DYNATRACE INC	COM	268150109	17,731,100	324,211	SH	SOLE	1	324,211	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	985,534	70,496	SH	SOLE	1	70,496	0	0
DYNE THERAPEUTICS INC	COM	26818M108	294,076	22,111	SH	SOLE	1	22,111	0	0
DYNEX CAPITAL INC	COM	26817Q886	351,486	28,074	SH	SOLE	1	28,074	0	0
DZS INC	COM	268211109	21,331	10,828	SH	SOLE	1	10,828	0	0
E2OPEN PARENT HOLDINGS INC	CL A	29788T103	370,823	84,470	SH	SOLE	1	84,470	0	0
EAGLE BANCORP INC	COM	268948106	484,079	16,061	SH	SOLE	1	16,061	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A150	254,951	4,602	SH	SOLE	1	4,602	0	0
EAGLE MATERIALS INC	COM	26969P108	9,598,186	47,319	SH	SOLE	1	47,319	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	26,898	5,143	SH	SOLE	1	5,143	0	0
EAST WEST BANCORP INC	COM	27579R104	13,696,474	190,361	SH	SOLE	1	190,361	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	700,842	52,146	SH	SOLE	1	52,146	0	0
EASTERN BANKSHARES INC	COM	27627N105	1,094,721	77,093	SH	SOLE	1	77,093	0	0
EASTGROUP PROPERTIES INC	COM	277276101	11,485,199	62,576	SH	SOLE	1	62,576	0	0
EASTMAN CHEMICAL CO	COM	277432100	2,792,504	31,090	SH	SOLE	1	31,090	0	0
EASTMAN KODAK CO	COM	277461406	110,538	28,343	SH	SOLE	1	28,343	0	0

EATON CORP PLC	COM	G29183103	27,013,020	112,171	SH	SOLE	1	112,171	0	0
EBAY INC	COM	278642103	12,000,604	275,117	SH	SOLE	1	275,117	0	0
EHOSTAR CORP A	COM	278768106	1,002,883	60,524	SH	SOLE	1	60,524	0	0
ECOLAB INC	COM	278865100	14,863,159	74,934	SH	SOLE	1	74,934	0	0
ECOVYST INC	COM	27923Q109	449,654	46,024	SH	SOLE	1	46,024	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	1,005,713	27,456	SH	SOLE	1	27,456	0	0
EDGEWISE THERAPEUTICS INC	COM	28036F105	232,661	21,267	SH	SOLE	1	21,267	0	0
EDISON INTERNATIONAL	COM	281020107	7,182,243	100,465	SH	SOLE	1	100,465	0	0
EDITAS MEDICINE INC	COM	28106W103	414,206	40,889	SH	SOLE	1	40,889	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	13,327,280	174,784	SH	SOLE	1	174,784	0	0
EGAIN CORP	COM	28225C806	86,240	10,353	SH	SOLE	1	10,353	0	0
EHEALTH INC	COM	28238P109	121,504	13,934	SH	SOLE	1	13,934	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	121,928	13,824	SH	SOLE	1	13,824	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	60,032	4,029	SH	SOLE	1	4,029	0	0
ELASTIC NV	COM	N14506104	151,243	1,342	SH	SOLE	1	1,342	0	0
ELECTRONIC ARTS INC	COM	285512109	12,210,703	89,253	SH	SOLE	1	89,253	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	42,462	1,835	SH	SOLE	1	1,835	0	0
ELEVANCE HEALTH INC	COM	036752103	33,899,034	71,887	SH	SOLE	1	71,887	0	0
ELF BEAUTY INC	COM	26856L103	4,248,648	29,435	SH	SOLE	1	29,435	0	0
ELI LILLY plus CO	COM	532457108	137,031,668	235,078	SH	SOLE	1	235,078	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	521,962	41,067	SH	SOLE	1	41,067	0	0
ELME COMMUNITIES	COM	939653101	698,464	47,840	SH	SOLE	1	47,840	0	0
EMBECTA CORP	COM	29082K105	594,762	31,419	SH	SOLE	1	31,419	0	0
EMCOR GROUP INC	COM	29084Q100	13,718,582	63,680	SH	SOLE	1	63,680	0	0
EMERALD HOLDING INC	COM	29103W104	46,411	7,761	SH	SOLE	1	7,761	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	62,038	25,849	SH	SOLE	1	25,849	0	0
EMERSON ELECTRIC CO	COM	291011104	14,343,230	147,367	SH	SOLE	1	147,367	0	0
EMPIRE PETROLEUM CORP	COM	292034303	71,303	6,488	SH	SOLE	1	6,488	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	636,633	65,700	SH	SOLE	1	65,700	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	550,063	13,961	SH	SOLE	1	13,961	0	0
ENACT HOLDINGS INC	COM	29249E109	425,492	14,728	SH	SOLE	1	14,728	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	93,554	9,942	SH	SOLE	1	9,942	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	9,036,290	135,436	SH	SOLE	1	135,436	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	642,647	12,663	SH	SOLE	1	12,663	0	0
ENCORE ENERGY CORP	COM	29259W700	286,713	72,955	SH	SOLE	1	72,955	0	0
ENCORE WIRE CORP	COM	292562105	1,756,006	8,221	SH	SOLE	1	8,221	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	1,228,012	38,763	SH	SOLE	1	38,763	0	0
ENERGY FUELS INC	COM	292671708	561,740	78,128	SH	SOLE	1	78,128	0	0
ENERGY RECOVERY INC	COM	29270J100	521,887	27,701	SH	SOLE	1	27,701	0	0
ENERGY VAULT	COM	29280W109	114,736	49,243	SH	SOLE	1	49,243	0	0

HOLDINGS INC

ENERPAC TOOL GROUP CORP	CL A	292765104	923,622	29,708	SH	SOLE	1	29,708	0	0
ENERSYS	COM	29275Y102	7,548,072	74,763	SH	SOLE	1	74,763	0	0
ENFUSION INC CLASS A	CL A	292812104	182,001	18,763	SH	SOLE	1	18,763	0	0
ENGAGESMART INC	COM	29283F103	553,356	24,164	SH	SOLE	1	24,164	0	0
ENHABIT INC	COM	29332G102	283,466	27,388	SH	SOLE	1	27,388	0	0
ENLIVEN THERAPEUTICS INC	COM	29337E102	160,586	11,603	SH	SOLE	1	11,603	0	0
ENNIS INC	COM	293389102	277,731	12,676	SH	SOLE	1	12,676	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	879,061	15,879	SH	SOLE	1	15,879	0	0
ENOVIS CORP	COM	194014502	3,760,623	67,130	SH	SOLE	1	67,130	0	0
ENOVIX CORP	COM	293594107	863,004	68,930	SH	SOLE	1	68,930	0	0
ENPHASE ENERGY INC	COM	29355A107	5,387,744	40,773	SH	SOLE	1	40,773	0	0
ENPRO INC	COM	29355X107	1,787,620	11,405	SH	SOLE	1	11,405	0	0
ENSIGN GROUP INC/THE	COM	29358P101	3,340,828	29,773	SH	SOLE	1	29,773	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,746,967	5,935	SH	SOLE	1	5,935	0	0
ENTEGRIS INC	COM	29362U104	155,167	1,295	SH	SOLE	1	1,295	0	0
ENTERGY CORP	COM	29364G103	5,611,593	55,456	SH	SOLE	1	55,456	0	0
ENTERPRISE BANCORP INC	COM	293668109	153,622	4,762	SH	SOLE	1	4,762	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	805,933	18,050	SH	SOLE	1	18,050	0	0
ENTRADA THERAPEUTICS INC	COM	29384C108	160,497	10,636	SH	SOLE	1	10,636	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	124,766	29,920	SH	SOLE	1	29,920	0	0
ENVELA CORP	COM	29402E102	18,332	3,772	SH	SOLE	1	3,772	0	0
ENVESTNET INC	COM	29404K106	1,349,668	27,255	SH	SOLE	1	27,255	0	0
ENVIRI CORP	COM	415864107	386,928	42,992	SH	SOLE	1	42,992	0	0
ENVISTA HOLDINGS CORP	COM	29415F104	5,568,952	231,461	SH	SOLE	1	231,461	0	0
ENVIVA INC	COM	29415B103	15,500	15,565	SH	SOLE	1	15,565	0	0
EOG RESOURCES INC	COM	26875P101	22,106,757	182,776	SH	SOLE	1	182,776	0	0
EOS ENERGY ENTERPRISES INC	CL A	29415C101	58,314	53,499	SH	SOLE	1	53,499	0	0
EPAM SYSTEMS INC	COM	29414B104	5,514,468	18,546	SH	SOLE	1	18,546	0	0
EPLUS INC	COM	294268107	1,156,403	14,484	SH	SOLE	1	14,484	0	0
EPR PROPERTIES	COM	26884U109	4,929,448	101,743	SH	SOLE	1	101,743	0	0
EQT CORP	COM	26884L109	4,153,746	107,443	SH	SOLE	1	107,443	0	0
EQUIFAX INC	COM	294429105	8,311,170	33,609	SH	SOLE	1	33,609	0	0
EQUINIX INC	COM	29444U700	22,470,381	27,900	SH	SOLE	1	27,900	0	0
EQUITABLE HOLDINGS INC	COM	29452E101	14,419,566	433,020	SH	SOLE	1	433,020	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	8,133,362	798,955	SH	SOLE	1	798,955	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	246,555	7,273	SH	SOLE	1	7,273	0	0
EQUITY COMMONWEALTH	COM	294628102	974,938	50,778	SH	SOLE	1	50,778	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	17,790,752	252,208	SH	SOLE	1	252,208	0	0
EQUITY RESIDENTIAL	COM	29476L107	5,555,652	90,838	SH	SOLE	1	90,838	0	0
ERASCA INC	COM	29479A108	85,434	40,110	SH	SOLE	1	40,110	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	11,215,131	33,486	SH	SOLE	1	33,486	0	0

ESAB CORP	COM	29605J106	6,628,682	76,526	SH	SOLE	1	76,526	0	0
ESCALADE INC	COM	296056104	99,425	4,949	SH	SOLE	1	4,949	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,632,334	13,948	SH	SOLE	1	13,948	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	170,613	3,415	SH	SOLE	1	3,415	0	0
ESS TECH INC	COM	26916J106	51,700	45,351	SH	SOLE	1	45,351	0	0
ESSA BANCORP INC	COM	29667D104	86,466	4,319	SH	SOLE	1	4,319	0	0
ESSENT GROUP LTD	COM	G3198U102	10,308,508	195,459	SH	SOLE	1	195,459	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	2,170,402	84,914	SH	SOLE	1	84,914	0	0
ESSENTIAL UTILITIES INC	COM	29670G102	12,676,441	339,396	SH	SOLE	1	339,396	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	4,172,334	16,828	SH	SOLE	1	16,828	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	11,132,258	76,118	SH	SOLE	1	76,118	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	396,829	12,432	SH	SOLE	1	12,432	0	0
ETSY INC	COM	29786A106	4,038,884	49,832	SH	SOLE	1	49,832	0	0
EURONET WORLDWIDE INC	COM	298736109	6,030,333	59,418	SH	SOLE	1	59,418	0	0
EUROPEAN WAX CENTER INC A	COM	29882P106	230,690	16,975	SH	SOLE	1	16,975	0	0
EVANS BANCORP INC	COM	29911Q208	82,073	2,603	SH	SOLE	1	2,603	0	0
EVE HOLDING INC	COM	29970N104	65,858	8,997	SH	SOLE	1	8,997	0	0
EVENTBRITE INC CLASS A	COM	29975E109	321,467	38,453	SH	SOLE	1	38,453	0	0
EVERBRIDGE INC	COM	29978A104	491,864	20,233	SH	SOLE	1	20,233	0	0
EVERCOMMERCE INC	COM	29977X105	128,036	11,608	SH	SOLE	1	11,608	0	0
EVERCORE INC A	COM	29977A105	8,008,561	46,820	SH	SOLE	1	46,820	0	0
EVEREST GROUP LTD	COM	G3223R108	4,040,359	11,427	SH	SOLE	1	11,427	0	0
EVERGY INC	COM	30034W106	3,141,396	60,180	SH	SOLE	1	60,180	0	0
EVERI HOLDINGS INC	COM	30034T103	473,047	41,974	SH	SOLE	1	41,974	0	0
EVERQUOTE INC CLASS A	COM	30041R108	130,650	10,674	SH	SOLE	1	10,674	0	0
EVERSOURCE ENERGY	COM	30040W108	7,755,241	125,652	SH	SOLE	1	125,652	0	0
EVERTEC INC	COM	30040P103	1,457,177	35,593	SH	SOLE	1	35,593	0	0
EVGO INC	CL A	30052F100	184,227	51,460	SH	SOLE	1	51,460	0	0
EVI INDUSTRIES INC	COM	26929N102	55,932	2,357	SH	SOLE	1	2,357	0	0
EVOLENT HEALTH INC A	COM	30050B101	1,808,789	54,762	SH	SOLE	1	54,762	0	0
EVOLUS INC	COM	30052C107	216,728	20,582	SH	SOLE	1	20,582	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	89,642	15,429	SH	SOLE	1	15,429	0	0
EVOLV TECHNOLOGIES HOLDINGS	CL A	30049H102	267,751	56,727	SH	SOLE	1	56,727	0	0
EW SCRIPPS CO/THE A	COM	811054402	258,469	32,349	SH	SOLE	1	32,349	0	0
EXACT SCIENCES CORP	COM	30063P105	148,478	2,007	SH	SOLE	1	2,007	0	0
EXCELERATE ENERGY INC A	CL A	30069T101	139,140	9,000	SH	SOLE	1	9,000	0	0
EXELIXIS INC	COM	30161Q104	10,126,179	422,100	SH	SOLE	1	422,100	0	0
EXELON CORP	COM	30161N101	13,863,216	386,162	SH	SOLE	1	386,162	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	9,311,949	301,846	SH	SOLE	1	301,846	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	606,273	39,064	SH	SOLE	1	39,064	0	0
EXPEDIA GROUP INC	COM	30212P303	7,296,090	48,067	SH	SOLE	1	48,067	0	0

EXPEDITORS INTL WASH INC	COM	302130109	5,659,764	44,495	SH	SOLE	1	44,495	0	0
EXPENSIFY INC A	CL A	30219Q106	67,816	27,456	SH	SOLE	1	27,456	0	0
EXPONENT INC	COM	30214U102	8,201,278	93,154	SH	SOLE	1	93,154	0	0
EXPRO GROUP HOLDINGS NV	COM	N3144W105	709,077	44,540	SH	SOLE	1	44,540	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	8,879,877	55,385	SH	SOLE	1	55,385	0	0
EXTREME NETWORKS INC	COM	30226D106	1,214,479	68,848	SH	SOLE	1	68,848	0	0
EXXON MOBIL CORP	COM	30231G102	101,724,651	1,017,450	SH	SOLE	1	1,017,450	0	0
EYENOVIA INC	COM	30234E104	31,104	14,954	SH	SOLE	1	14,954	0	0
EYEPOINT PHARMACEUTICALS INC	COM	30233G209	306,831	13,277	SH	SOLE	1	13,277	0	0
EZCORP INC CL A	CL A	302301106	21,378	2,446	SH	SOLE	1	2,446	0	0
FplusG ANNUITIES plus LIFE INC	COM	30190A104	428,444	9,314	SH	SOLE	1	9,314	0	0
F5 INC	COM	315616102	2,801,395	15,652	SH	SOLE	1	15,652	0	0
FABRINET	COM	G3323L100	3,809,455	20,015	SH	SOLE	1	20,015	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	5,015,227	10,513	SH	SOLE	1	10,513	0	0
FAIR ISAAC CORP	COM	303250104	8,128,282	6,983	SH	SOLE	1	6,983	0	0
FARMERS plus MERCHANTS BANCO/OH	COM	30779N105	156,711	6,319	SH	SOLE	1	6,319	0	0
FARMERS NATL BANC CORP	COM	309627107	261,747	18,114	SH	SOLE	1	18,114	0	0
FARMLAND PARTNERS INC	COM	31154R109	277,281	22,218	SH	SOLE	1	22,218	0	0
FARO TECHNOLOGIES INC	COM	311642102	212,503	9,432	SH	SOLE	1	9,432	0	0
FASTENAL CO	COM	311900104	12,739,158	196,683	SH	SOLE	1	196,683	0	0
FASTLY INC CLASS A	CL A	31188V100	1,069,442	60,081	SH	SOLE	1	60,081	0	0
FATE THERAPEUTICS INC	COM	31189P102	157,551	42,126	SH	SOLE	1	42,126	0	0
FB FINANCIAL CORP	COM	30257X104	769,065	19,299	SH	SOLE	1	19,299	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	868,139	4,540	SH	SOLE	1	4,540	0	0
FEDERAL REALTY INVS TRUST	SH BEN INT	313745101	1,991,441	19,325	SH	SOLE	1	19,325	0	0
FEDERAL SIGNAL CORP	COM	313855108	2,507,326	32,673	SH	SOLE	1	32,673	0	0
FEDERATED HERMES INC	CL B	314211103	3,920,616	115,789	SH	SOLE	1	115,789	0	0
FEDEX CORP	COM	31428X106	14,862,746	58,753	SH	SOLE	1	58,753	0	0
FENNEC PHARMACEUTICALS INC	COM	31447P100	101,204	9,020	SH	SOLE	1	9,020	0	0
FERGUSON PLC	NEW SHS	G3421J106	342,892	1,776	SH	SOLE	1	1,776	0	0
FIBROGEN INC	COM	31572Q808	40,680	45,899	SH	SOLE	1	45,899	0	0
FIDELIS INSURANCE HOLDINGS L	COM	G3398L118	95,532	7,540	SH	SOLE	1	7,540	0	0
FIDELITY DplusD BANCORP INC	COM	31609R100	134,514	2,318	SH	SOLE	1	2,318	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	17,818,684	349,249	SH	SOLE	1	349,249	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	10,282,362	171,173	SH	SOLE	1	171,173	0	0
FIFTH THIRD BANCORP	COM	316773100	6,158,638	178,563	SH	SOLE	1	178,563	0	0
FIGS INC CLASS A	CL A	30260D103	441,742	63,560	SH	SOLE	1	63,560	0	0

FINANCE OF AMERICA COS INC A	CL A	31738L107	29,213	26,557	SH	SOLE	1	26,557	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	160,772	7,548	SH	SOLE	1	7,548	0	0
FIRST ADVANTAGE CORP	COM	31846B108	445,501	26,886	SH	SOLE	1	26,886	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	8,979,650	139,349	SH	SOLE	1	139,349	0	0
FIRST BANCORP INC/ME	COM	31866P102	137,262	4,864	SH	SOLE	1	4,864	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,540,641	93,656	SH	SOLE	1	93,656	0	0
FIRST BANCORP/NC	COM	318910106	804,079	21,726	SH	SOLE	1	21,726	0	0
FIRST BANCSHARES INC/MS	COM	318916103	447,576	15,260	SH	SOLE	1	15,260	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	149,043	10,139	SH	SOLE	1	10,139	0	0
FIRST BUSEY CORP	COM	319383204	641,051	25,828	SH	SOLE	1	25,828	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	156,631	3,906	SH	SOLE	1	3,906	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	141,897	100	SH	SOLE	1	100	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	860,101	55,706	SH	SOLE	1	55,706	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	316,908	8,542	SH	SOLE	1	8,542	0	0
FIRST COMMUNITY CORP	COM	319835104	78,886	3,664	SH	SOLE	1	3,664	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,219,040	51,328	SH	SOLE	1	51,328	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	244,884	5,691	SH	SOLE	1	5,691	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	7,189,554	237,279	SH	SOLE	1	237,279	0	0
FIRST FOUNDATION INC	COM	32026V104	246,462	25,461	SH	SOLE	1	25,461	0	0
FIRST HAWAIIAN INC	COM	32051X108	160,889	7,038	SH	SOLE	1	7,038	0	0
FIRST HORIZON CORP	COM	320517105	10,687,203	754,746	SH	SOLE	1	754,746	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	9,410,602	178,671	SH	SOLE	1	178,671	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	1,263,733	41,097	SH	SOLE	1	41,097	0	0
FIRST MERCHANTS CORP	COM	320817109	1,090,486	29,409	SH	SOLE	1	29,409	0	0
FIRST MID BANCSHARES INC	COM	320866106	383,860	11,075	SH	SOLE	1	11,075	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	140,331	10,599	SH	SOLE	1	10,599	0	0
FIRST SOLAR INC	COM	336433107	4,920,834	28,563	SH	SOLE	1	28,563	0	0
FIRST WATCH RESTAURANT GROUP	COM	33748L101	222,025	11,046	SH	SOLE	1	11,046	0	0
FIRST WESTERN FINANCIAL INC	COM	33751L105	79,003	3,984	SH	SOLE	1	3,984	0	0
FIRSTCASH HOLDINGS INC	COM	33768G107	7,413,768	68,399	SH	SOLE	1	68,399	0	0
FIRSTENERGY CORP	COM	337932107	4,973,112	135,655	SH	SOLE	1	135,655	0	0
FISCALNOTE HOLDINGS INC	CL A	337655104	33,860	29,702	SH	SOLE	1	29,702	0	0
FISERV INC	COM	337738108	23,359,515	175,847	SH	SOLE	1	175,847	0	0
FISKER INC	CL A	33813J106	181,907	103,947	SH	SOLE	1	103,947	0	0
FIVE BELOW	COM	33829M101	16,133,867	75,689	SH	SOLE	1	75,689	0	0
FIVE STAR BANCORP	COM	33830T103	166,295	6,352	SH	SOLE	1	6,352	0	0

FIVE9 INC	COM	338307101	94,664	1,203	SH	SOLE	1	1,203	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	5,758,179	20,375	SH	SOLE	1	20,375	0	0
FLEX LNG LTD	LTD SHS	G35947202	430,553	14,816	SH	SOLE	1	14,816	0	0
FLOOR plus DECOR HOLDINGS INC A	COM	339750101	16,158,016	144,837	SH	SOLE	1	144,837	0	0
FLOWERS FOODS INC	COM	343498101	5,840,760	259,474	SH	SOLE	1	259,474	0	0
FLOWSERVE CORP	COM	34354P105	7,305,379	177,229	SH	SOLE	1	177,229	0	0
FLUENCE ENERGY INC	CL A	34379V103	695,394	29,157	SH	SOLE	1	29,157	0	0
FLUOR CORP	COM	343412102	11,738,583	299,683	SH	SOLE	1	299,683	0	0
FLUSHING FINANCIAL CORP	COM	343873105	227,012	13,775	SH	SOLE	1	13,775	0	0
FLYWIRE CORP VOTING	COM	302492103	1,223,570	52,854	SH	SOLE	1	52,854	0	0
FMC CORP	COM	302491303	2,072,958	32,878	SH	SOLE	1	32,878	0	0
FNB CORP	COM	302520101	6,674,099	484,684	SH	SOLE	1	484,684	0	0
FOGHORN THERAPEUTICS INC	COM	344174107	65,171	10,104	SH	SOLE	1	10,104	0	0
FOOT LOCKER INC	COM	344849104	1,392,125	44,691	SH	SOLE	1	44,691	0	0
FORAFRIC GLOBAL PLC	ORD SHS	X3R81D102	27,936	2,638	SH	SOLE	1	2,638	0	0
FORD MOTOR CO	COM	345370860	12,174,897	998,761	SH	SOLE	1	998,761	0	0
FORESTAR GROUP INC	COM	346232101	301,301	9,111	SH	SOLE	1	9,111	0	0
FORGE GLOBAL HOLDINGS INC	COM	34629L103	187,350	54,621	SH	SOLE	1	54,621	0	0
FORMFACTOR INC	COM	346375108	1,753,155	42,032	SH	SOLE	1	42,032	0	0
FORRESTER RESEARCH INC	COM	346563109	171,128	6,383	SH	SOLE	1	6,383	0	0
FORTINET INC	COM	34959E109	14,330,602	244,842	SH	SOLE	1	244,842	0	0
FORTIVE CORP	COM	34959J108	7,096,239	96,377	SH	SOLE	1	96,377	0	0
FORTREA HOLDINGS INC	COM	34965K107	170,940	4,898	SH	SOLE	1	4,898	0	0
FORTUNE BRANDS INNOVATIONS I	COM	34964C106	12,968,698	170,327	SH	SOLE	1	170,327	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V209	106,549	4,806	SH	SOLE	1	4,806	0	0
FORWARD AIR CORP	COM	349853101	880,620	14,007	SH	SOLE	1	14,007	0	0
FOSSIL GROUP INC	COM	34988V106	34,939	23,931	SH	SOLE	1	23,931	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,246,202	49,257	SH	SOLE	1	49,257	0	0
FOX CORP CLASS A	COM	35137L105	1,923,328	64,824	SH	SOLE	1	64,824	0	0
FOX CORP CLASS B	COM	35137L204	957,077	34,614	SH	SOLE	1	34,614	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	5,271,470	78,119	SH	SOLE	1	78,119	0	0
FRANKLIN BSP REALTY TRUST IN	COM	35243J101	610,693	45,203	SH	SOLE	1	45,203	0	0
FRANKLIN COVEY CO	COM	353469109	251,647	5,781	SH	SOLE	1	5,781	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	2,400,689	24,839	SH	SOLE	1	24,839	0	0
FRANKLIN RESOURCES INC	COM	354613101	2,202,851	73,946	SH	SOLE	1	73,946	0	0
FREEPORT MCMORAN INC	COM	35671D857	15,870,437	372,808	SH	SOLE	1	372,808	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	485,966	18,513	SH	SOLE	1	18,513	0	0
FRESHPET INC	COM	358039105	39,823	459	SH	SOLE	1	459	0	0
FRESHWORKS INC CL A	CL A	358054104	1,892,895	80,583	SH	SOLE	1	80,583	0	0
FRONTDOOR INC	COM	35905A109	1,552,357	44,076	SH	SOLE	1	44,076	0	0
FRONTIER COMMUNICATIONS	COM	35909D109	7,575,697	298,962	SH	SOLE	1	298,962	0	0

PARE										
FRONTIER GROUP HOLDINGS INC	COM	35909R108	104,635	19,164	SH	SOLE	1	19,164	0	0
FRP HOLDINGS INC	COM	30292L107	206,184	3,279	SH	SOLE	1	3,279	0	0
FS BANCORP INC	COM	30263Y104	121,783	3,295	SH	SOLE	1	3,295	0	0
FTAI AVIATION LTD	LTD SHS	G3730V105	2,297,496	49,515	SH	SOLE	1	49,515	0	0
FTAI INFRASTRUCTURE INC	COM	35953C106	191,384	49,199	SH	SOLE	1	49,199	0	0
FTC SOLAR INC	COM	30320C103	23,310	33,646	SH	SOLE	1	33,646	0	0
FTI CONSULTING INC	COM	302941109	9,559,399	48,001	SH	SOLE	1	48,001	0	0
FUBOTV INC	COM	35953D104	447,836	140,829	SH	SOLE	1	140,829	0	0
FUELCELL ENERGY INC	COM	35952H601	361,859	226,162	SH	SOLE	1	226,162	0	0
FULGENT GENETICS INC	COM	359664109	321,566	11,123	SH	SOLE	1	11,123	0	0
FULL HOUSE RESORTS INC	COM	359678109	87,692	16,330	SH	SOLE	1	16,330	0	0
FULTON FINANCIAL CORP	COM	360271100	1,442,867	87,659	SH	SOLE	1	87,659	0	0
FUNKO INC CLASS A	COM	361008105	137,037	17,728	SH	SOLE	1	17,728	0	0
FUTU HOLDINGS LTD ADR	CL A	36118L106	582,137	10,656	SH	SOLE	1	10,656	0	0
FUTUREFUEL CORP	COM	36116M106	79,004	12,994	SH	SOLE	1	12,994	0	0
FVCBANKCORP INC	COM	36120Q101	113,160	7,969	SH	SOLE	1	7,969	0	0
G III APPAREL GROUP LTD	COM	36237H101	763,191	22,460	SH	SOLE	1	22,460	0	0
GAMBLING.COM GROUP LTD	LTD ORD SHS	G3R239101	74,305	7,621	SH	SOLE	1	7,621	0	0
GAMESTOP CORP CLASS A	COM	36467W109	6,360,357	362,827	SH	SOLE	1	362,827	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	17,794,919	360,586	SH	SOLE	1	360,586	0	0
GANNETT CO INC	COM	36472T109	164,956	71,720	SH	SOLE	1	71,720	0	0
GAP INC/THE	COM	364760108	6,055,871	289,616	SH	SOLE	1	289,616	0	0
GARMIN LTD	COM	H2906T109	5,287,107	41,132	SH	SOLE	1	41,132	0	0
GARTNER INC	COM	366651107	11,123,921	24,659	SH	SOLE	1	24,659	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	12,333	919	SH	SOLE	1	919	0	0
GATX CORP	COM	361448103	7,853,251	65,324	SH	SOLE	1	65,324	0	0
GCM GROSVENOR INC CLASS A	CL A	36831E108	184,782	20,623	SH	SOLE	1	20,623	0	0
GE HEALTHCARE TECHNOLOGY	COM	36266G107	10,674,026	138,050	SH	SOLE	1	138,050	0	0
GEN DIGITAL INC	COM	668771108	3,389,249	148,521	SH	SOLE	1	148,521	0	0
GENCO SHIPPING plus TRADING LTD	COM	Y2685T131	347,245	20,931	SH	SOLE	1	20,931	0	0
GENCOR INDUSTRIES INC	COM	368678108	84,557	5,239	SH	SOLE	1	5,239	0	0
GENELUX CORP	COM	36870H103	129,214	9,223	SH	SOLE	1	9,223	0	0
GENERAC HOLDINGS INC	COM	368736104	2,138,922	16,550	SH	SOLE	1	16,550	0	0
GENERAL DYNAMICS CORP	COM	369550108	14,939,334	57,532	SH	SOLE	1	57,532	0	0
GENERAL ELECTRIC CO	COM	369604301	35,997,914	282,049	SH	SOLE	1	282,049	0	0
GENERAL MILLS INC	COM	370334104	13,009,044	199,709	SH	SOLE	1	199,709	0	0
GENERAL MOTORS CO	COM	37045V100	12,494,808	347,851	SH	SOLE	1	347,851	0	0
GENERATION BIO CO	COM	37148K100	37,138	22,508	SH	SOLE	1	22,508	0	0
GENESCO INC	COM	371532102	192,951	5,480	SH	SOLE	1	5,480	0	0
GENIE ENERGY LTD B	CL B	372284208	276,434	9,827	SH	SOLE	1	9,827	0	0

GENPACT LTD	COM	G3922B107	7,841,301	225,909	SH	SOLE	1	225,909	0	0
GENTEX CORP	COM	371901109	10,290,545	315,081	SH	SOLE	1	315,081	0	0
GENTHERM INC	COM	37253A103	934,207	17,842	SH	SOLE	1	17,842	0	0
GENUINE PARTS CO	COM	372460105	6,552,020	47,307	SH	SOLE	1	47,307	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	1,677,108	251,064	SH	SOLE	1	251,064	0	0
GEO GROUP INC/THE	COM	36162J106	710,914	65,643	SH	SOLE	1	65,643	0	0
GERMAN AMERICAN BANCORP	COM	373865104	452,120	13,950	SH	SOLE	1	13,950	0	0
GERON CORP	COM	374163103	537,339	254,663	SH	SOLE	1	254,663	0	0
GETTY REALTY CORP	COM	374297109	759,515	25,993	SH	SOLE	1	25,993	0	0
GEVO INC	COM	374396406	134,837	116,239	SH	SOLE	1	116,239	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,313,595	16,632	SH	SOLE	1	16,632	0	0
GILEAD SCIENCES INC	COM	375558103	32,653,835	403,084	SH	SOLE	1	403,084	0	0
GINKGO BIOWORKS HOLDINGS INC	CL A	37611X100	23,689	14,017	SH	SOLE	1	14,017	0	0
GITLAB INC CL A	CL A	37637K108	93,433	1,484	SH	SOLE	1	1,484	0	0
GLACIER BANCORP INC	COM	37637Q105	8,443,618	204,347	SH	SOLE	1	204,347	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	261,742	19,769	SH	SOLE	1	19,769	0	0
GLADSTONE LAND CORP	COM	376549101	240,853	16,668	SH	SOLE	1	16,668	0	0
GLATFELTER CORP	COM	377320106	42,684	22,002	SH	SOLE	1	22,002	0	0
GLAUKOS CORP	COM	377322102	2,056,645	25,873	SH	SOLE	1	25,873	0	0
GLOBAL BUSINESS TRAVEL GROUP	CL A	37890B100	103,458	16,040	SH	SOLE	1	16,040	0	0
GLOBAL E ONLINE LTD	LTD SHS	M5216V106	599,800	15,135	SH	SOLE	1	15,135	0	0
GLOBAL INDUSTRIAL CO	COM	37892E102	253,198	6,519	SH	SOLE	1	6,519	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	336,663	30,330	SH	SOLE	1	30,330	0	0
GLOBAL NET LEASE INC	COM	379378201	1,054,740	106,004	SH	SOLE	1	106,004	0	0
GLOBAL PAYMENTS INC	COM	37940X102	8,669,020	68,260	SH	SOLE	1	68,260	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	74,778	5,717	SH	SOLE	1	5,717	0	0
GLOBALFOUNDRIES INC	ORD SHS	G39387108	2,345,705	38,708	SH	SOLE	1	38,708	0	0
GLOBALSTAR INC	COM	378973408	675,826	348,364	SH	SOLE	1	348,364	0	0
GLOBANT SA	COM	L44385109	165,872	697	SH	SOLE	1	697	0	0
GLOBE LIFE INC	COM	37959E102	2,736,022	22,478	SH	SOLE	1	22,478	0	0
GLOBUS MEDICAL INC A	COM	379577208	8,321,127	156,148	SH	SOLE	1	156,148	0	0
GMS INC	COM	36251C103	1,839,425	22,315	SH	SOLE	1	22,315	0	0
GODADDY INC CLASS A	COM	380237107	20,281,337	191,045	SH	SOLE	1	191,045	0	0
GOGO INC	COM	38046C109	363,404	35,874	SH	SOLE	1	35,874	0	0
GOHEALTH INC CLASS A	CL A	38046W204	27,534	2,064	SH	SOLE	1	2,064	0	0
GOLAR LNG LTD	COM	G9456A100	1,145,592	49,830	SH	SOLE	1	49,830	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	442,145	11,073	SH	SOLE	1	11,073	0	0
GOLDEN OCEAN GROUP LTD	LTD SHS	G39637205	597,478	61,217	SH	SOLE	1	61,217	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	31,954,486	82,833	SH	SOLE	1	82,833	0	0
GOODYEAR TIRE plus RUBBER CO	COM	382550101	7,456,825	520,728	SH	SOLE	1	520,728	0	0
GOOSEHEAD	COM	38267D109	899,443	11,866	SH	SOLE	1	11,866	0	0

INSURANCE INC A										
GOPRO INC CLASS A	COM	38268T103	217,677	62,731	SH	SOLE	1	62,731	0	0
GORMAN RUPP CO	COM	383082104	404,545	11,386	SH	SOLE	1	11,386	0	0
GRAB HOLDINGS LTD CL A	COM	G4124C109	1,070,208	317,569	SH	SOLE	1	317,569	0	0
GRACO INC	COM	384109104	19,831,080	228,574	SH	SOLE	1	228,574	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	211,085	96,386	SH	SOLE	1	96,386	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	4,587,977	6,587	SH	SOLE	1	6,587	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	5,281,204	39,997	SH	SOLE	1	39,997	0	0
GRANITE CONSTRUCTION INC	COM	387328107	1,220,793	24,003	SH	SOLE	1	24,003	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	150,924	25,408	SH	SOLE	1	25,408	0	0
GRANITE RIDGE RESOURCES INC	COM	387432107	102,027	16,948	SH	SOLE	1	16,948	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	10,225,091	414,811	SH	SOLE	1	414,811	0	0
GRAPHITE BIO INC	COM	38870X104	36,494	13,929	SH	SOLE	1	13,929	0	0
GRAY TELEVISION INC	COM	389375106	376,508	42,021	SH	SOLE	1	42,021	0	0
GREAT LAKES DREDGE plus DOCK CO	COM	390607109	250,406	32,605	SH	SOLE	1	32,605	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	260,962	4,397	SH	SOLE	1	4,397	0	0
GREEN BRICK PARTNERS INC	COM	392709101	735,730	14,165	SH	SOLE	1	14,165	0	0
GREEN DOT CORP CLASS A	COM	39304D102	249,648	25,217	SH	SOLE	1	25,217	0	0
GREEN PLAINS INC	COM	393222104	799,953	31,719	SH	SOLE	1	31,719	0	0
GREENBRIER COMPANIES INC	COM	393657101	735,332	16,644	SH	SOLE	1	16,644	0	0
GREENE COUNTY BANCORP INC	COM	394357107	98,051	3,477	SH	SOLE	1	3,477	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	146,736	12,849	SH	SOLE	1	12,849	0	0
GREIF INC CL A	CL A	397624107	3,036,751	46,299	SH	SOLE	1	46,299	0	0
GREIF INC CL B	COM	397624206	169,712	2,571	SH	SOLE	1	2,571	0	0
GRID DYNAMICS HOLDINGS INC	CL A	39813G109	373,400	28,012	SH	SOLE	1	28,012	0	0
GRIFFON CORP	COM	398433102	1,387,222	22,760	SH	SOLE	1	22,760	0	0
GRINDR INC	COM	39854F101	178,998	20,387	SH	SOLE	1	20,387	0	0
GRITSTONE BIO INC	COM	39868T105	88,997	43,626	SH	SOLE	1	43,626	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	3,614,069	134,053	SH	SOLE	1	134,053	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	2,267,266	7,440	SH	SOLE	1	7,440	0	0
GROWGENERATION CORP	COM	39986L109	73,420	29,251	SH	SOLE	1	29,251	0	0
GUARANTY BANCSHARES INC	COM	400764106	137,002	4,075	SH	SOLE	1	4,075	0	0
GUARDANT HEALTH INC	COM	40131M109	1,518,858	56,150	SH	SOLE	1	56,150	0	0
GUESS INC	COM	401617105	352,218	15,274	SH	SOLE	1	15,274	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	73,166	671	SH	SOLE	1	671	0	0
GULFPORT ENERGY CORP	COM	402635502	742,057	5,571	SH	SOLE	1	5,571	0	0
GXO LOGISTICS INC	COM	36262G101	9,826,271	160,665	SH	SOLE	1	160,665	0	0
H WORLD GROUP LTD	ADR	44332N106	91,091	2,724	SH	SOLE	1	2,724	0	0

ADR										
H.B. FULLER CO.	COM	359694106	2,397,769	29,453	SH	SOLE	1	29,453	0	0
HplusE EQUIPMENT SERVICES INC	COM	404030108	836,701	15,992	SH	SOLE	1	15,992	0	0
HplusR BLOCK INC	COM	093671105	9,444,436	195,254	SH	SOLE	1	195,254	0	0
HACKETT GROUP INC/THE	COM	404609109	283,122	12,434	SH	SOLE	1	12,434	0	0
HAEMONETICS CORP/MASS	COM	405024100	7,957,561	93,060	SH	SOLE	1	93,060	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	533,123	48,687	SH	SOLE	1	48,687	0	0
HALLADOR ENERGY CO	COM	40609P105	100,378	11,355	SH	SOLE	1	11,355	0	0
HALLIBURTON CO	COM	406216101	8,542,462	236,306	SH	SOLE	1	236,306	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	8,940,550	241,898	SH	SOLE	1	241,898	0	0
HAMILTON LANE INC CLASS A	COM	407497106	2,061,885	18,176	SH	SOLE	1	18,176	0	0
HANCOCK WHITNEY CORP	COM	410120109	7,717,647	158,832	SH	SOLE	1	158,832	0	0
HANESBRANDS INC	COM	410345102	854,045	191,490	SH	SOLE	1	191,490	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	321,342	16,564	SH	SOLE	1	16,564	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	1,595,972	57,867	SH	SOLE	1	57,867	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	5,865,072	48,304	SH	SOLE	1	48,304	0	0
HARBORONE BANCORP INC	COM	41165Y100	244,392	20,400	SH	SOLE	1	20,400	0	0
HARLEY DAVIDSON INC	COM	412822108	6,307,266	171,207	SH	SOLE	1	171,207	0	0
HARMONIC INC	COM	413160102	782,856	60,035	SH	SOLE	1	60,035	0	0
HARMONY BIOSCIENCES HOLDINGS	COM	413197104	567,285	17,563	SH	SOLE	1	17,563	0	0
HARROW INC	COM	415858109	168,750	15,067	SH	SOLE	1	15,067	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	6,335,954	78,825	SH	SOLE	1	78,825	0	0
HARVARD BIOSCIENCE INC	COM	416906105	107,813	20,152	SH	SOLE	1	20,152	0	0
HASBRO INC	COM	418056107	1,746,303	34,201	SH	SOLE	1	34,201	0	0
HASHICORP INC CL A	CL A	418100103	32,576	1,378	SH	SOLE	1	1,378	0	0
HAVERTY FURNITURE	COM	419596101	280,521	7,902	SH	SOLE	1	7,902	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	12,785	901	SH	SOLE	1	901	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	359,771	25,336	SH	SOLE	1	25,336	0	0
HAWKINS INC	COM	420261109	740,396	10,514	SH	SOLE	1	10,514	0	0
HAYNES INTERNATIONAL INC	COM	420877201	388,967	6,818	SH	SOLE	1	6,818	0	0
HAYWARD HOLDINGS INC	COM	421298100	95,350	7,011	SH	SOLE	1	7,011	0	0
HBT FINANCIAL INC/DE	COM	404111106	139,474	6,607	SH	SOLE	1	6,607	0	0
HCA HEALTHCARE INC	COM	40412C101	16,267,056	60,097	SH	SOLE	1	60,097	0	0
HCI GROUP INC	COM	40416E103	304,327	3,482	SH	SOLE	1	3,482	0	0
HEALTH CATALYST INC	COM	42225T107	260,160	28,095	SH	SOLE	1	28,095	0	0
HEALTHCARE REALTY TRUST INC	CL A	42226K105	8,864,232	514,465	SH	SOLE	1	514,465	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	419,809	40,483	SH	SOLE	1	40,483	0	0
HEALTHYQUITY INC	COM	42226A107	10,393,254	156,761	SH	SOLE	1	156,761	0	0
HEALTHPEAK	COM	42250P103	2,840,449	143,457	SH	SOLE	1	143,457	0	0

PROPERTIES INC										
HEALTHSTREAM INC	COM	42222N103	354,174	13,103	SH	SOLE	1	13,103	0	0
HEARTLAND EXPRESS INC	COM	422347104	362,960	25,453	SH	SOLE	1	25,453	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	790,825	21,027	SH	SOLE	1	21,027	0	0
HECLA MINING CO	COM	422704106	1,461,975	303,945	SH	SOLE	1	303,945	0	0
HEICO CORP	COM	422806109	129,681	725	SH	SOLE	1	725	0	0
HEICO CORP CLASS A	COM	422806208	185,457	1,302	SH	SOLE	1	1,302	0	0
HEIDRICK plus STRUGGLES INTL	COM	422819102	319,042	10,804	SH	SOLE	1	10,804	0	0
HELEN OF TROY LTD	COM	G4388N106	5,280,001	43,705	SH	SOLE	1	43,705	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	748,139	16,497	SH	SOLE	1	16,497	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	804,071	78,217	SH	SOLE	1	78,217	0	0
HELMERICH plus PAYNE	COM	423452101	1,923,463	53,105	SH	SOLE	1	53,105	0	0
HENRY SCHEIN INC	COM	806407102	2,592,386	34,241	SH	SOLE	1	34,241	0	0
HERBALIFE LTD	COM	G4412G101	750,060	49,152	SH	SOLE	1	49,152	0	0
HERC HOLDINGS INC	COM	42704L104	2,093,691	14,062	SH	SOLE	1	14,062	0	0
HERITAGE COMMERCE CORP	COM	426927109	292,253	29,461	SH	SOLE	1	29,461	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	404,078	18,891	SH	SOLE	1	18,891	0	0
HERON THERAPEUTICS INC	COM	427746102	87,494	51,467	SH	SOLE	1	51,467	0	0
HERSHEY CO/THE	COM	427866108	7,224,923	38,752	SH	SOLE	1	38,752	0	0
HERTZ GLOBAL HLDGS INC	COM	42806J700	1,857,503	178,778	SH	SOLE	1	178,778	0	0
HESS CORP	COM	42809H107	12,764,647	88,545	SH	SOLE	1	88,545	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	12,083,630	711,639	SH	SOLE	1	711,639	0	0
HEXCEL CORP	COM	428291108	8,379,180	113,616	SH	SOLE	1	113,616	0	0
HF FOODS GROUP INC	COM	40417F109	106,891	20,017	SH	SOLE	1	20,017	0	0
HF SINCLAIR CORP	COM	403949100	11,745,942	211,372	SH	SOLE	1	211,372	0	0
HIBBETT INC	COM	428567101	479,869	6,663	SH	SOLE	1	6,663	0	0
HIGHPEAK ENERGY INC	COM	43114Q105	85,212	5,984	SH	SOLE	1	5,984	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	133,581	5,818	SH	SOLE	1	5,818	0	0
HILLENBRAND INC	COM	431571108	1,825,238	38,145	SH	SOLE	1	38,145	0	0
HILLEVAX INC	COM	43157M102	209,148	13,031	SH	SOLE	1	13,031	0	0
HILLMAN SOLUTIONS CORP	COM	431636109	894,420	97,114	SH	SOLE	1	97,114	0	0
HILLTOP HOLDINGS INC	COM	432748101	894,299	25,399	SH	SOLE	1	25,399	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	5,451,140	135,668	SH	SOLE	1	135,668	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	17,249,568	94,731	SH	SOLE	1	94,731	0	0
HIMALAYA SHIPPING LTD	ORD SHS	G4660A103	94,775	14,020	SH	SOLE	1	14,020	0	0
HIMS plus HERS HEALTH INC	CL A	433000106	540,800	60,764	SH	SOLE	1	60,764	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	143,856	740	SH	SOLE	1	740	0	0
HIPPO HOLDINGS INC	COM	433539202	48,290	5,295	SH	SOLE	1	5,295	0	0
HIREQUEST INC	COM	433535101	40,892	2,664	SH	SOLE	1	2,664	0	0
HIRERIGHT HOLDINGS CORP	COM	433537107	91,998	6,840	SH	SOLE	1	6,840	0	0

HNI CORP	COM	404251100	1,052,359	25,158	SH	SOLE	1	25,158	0	0
HOLLEY INC	COM	43538H103	127,813	26,245	SH	SOLE	1	26,245	0	0
HOLOGIC INC	COM	436440101	4,588,019	64,213	SH	SOLE	1	64,213	0	0
HOME BANCORP INC	COM	43689E107	149,724	3,564	SH	SOLE	1	3,564	0	0
HOME BANCSHARES INC	COM	436893200	8,785,052	346,824	SH	SOLE	1	346,824	0	0
HOME DEPOT INC	COM	437076102	102,597,167	296,053	SH	SOLE	1	296,053	0	0
HOMESTREET INC	COM	43785V102	92,721	9,002	SH	SOLE	1	9,002	0	0
HOMETRUST BANCSHARES INC	COM	437872104	196,758	7,309	SH	SOLE	1	7,309	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	44,722,964	213,261	SH	SOLE	1	213,261	0	0
HOOKER FURNISHINGS CORP	COM	439038100	138,459	5,309	SH	SOLE	1	5,309	0	0
HOPE BANCORP INC	COM	43940T109	761,632	63,049	SH	SOLE	1	63,049	0	0
HORACE MANN EDUCATORS	COM	440327104	731,172	22,360	SH	SOLE	1	22,360	0	0
HORIZON BANCORP INC/IN	COM	440407104	306,992	21,453	SH	SOLE	1	21,453	0	0
HORMEL FOODS CORP	COM	440452100	3,914,081	121,896	SH	SOLE	1	121,896	0	0
HOST HOTELS plus RESORTS INC	COM	44107P104	3,700,410	190,057	SH	SOLE	1	190,057	0	0
HOULIHAN LOKEY INC	COM	441593100	8,362,883	69,743	SH	SOLE	1	69,743	0	0
HOVNIANIAN ENTERPRISES A	CL A	442487401	377,379	2,425	SH	SOLE	1	2,425	0	0
HOWARD HUGHES HOLDINGS INC	COM	44267T102	23,697	277	SH	SOLE	1	277	0	0
HOWMET AEROSPACE INC	COM	443201108	5,692,775	105,188	SH	SOLE	1	105,188	0	0
HP INC	COM	40434L105	15,107,557	502,079	SH	SOLE	1	502,079	0	0
HUB GROUP INC CL A	CL A	443320106	1,571,990	17,098	SH	SOLE	1	17,098	0	0
HUBBELL INC	COM	443510607	4,792,839	14,571	SH	SOLE	1	14,571	0	0
HUBSPOT INC	COM	443573100	448,757	773	SH	SOLE	1	773	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	695,010	74,652	SH	SOLE	1	74,652	0	0
HUDSON TECHNOLOGIES INC	COM	444144109	294,028	21,796	SH	SOLE	1	21,796	0	0
HUMACYTE INC	COM	44486Q103	86,447	30,439	SH	SOLE	1	30,439	0	0
HUMANA INC	COM	444859102	17,779,509	38,836	SH	SOLE	1	38,836	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	4,297,206	21,514	SH	SOLE	1	21,514	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	4,829,072	379,644	SH	SOLE	1	379,644	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	2,703,372	10,412	SH	SOLE	1	10,412	0	0
HUNTSMAN CORP	COM	447011107	34,931	1,390	SH	SOLE	1	1,390	0	0
HURON CONSULTING GROUP INC	COM	447462102	973,413	9,469	SH	SOLE	1	9,469	0	0
HYATT HOTELS CORP CL A	CL A	448579102	7,789,520	59,731	SH	SOLE	1	59,731	0	0
HYLIION HOLDINGS CORP	COM	449109107	59,710	73,381	SH	SOLE	1	73,381	0	0
HYSTER YALE MATERIALS	COM	449172105	344,284	5,536	SH	SOLE	1	5,536	0	0
I 80 GOLD CORP	COM	44955L106	169,006	96,026	SH	SOLE	1	96,026	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	237,146	11,202	SH	SOLE	1	11,202	0	0
IAC INC	COM	44891N208	31,899	609	SH	SOLE	1	609	0	0
IBEX LTD	SHS	G4690M101	88,149	4,637	SH	SOLE	1	4,637	0	0

ICF INTERNATIONAL INC	COM	44925C103	1,248,914	9,314	SH	SOLE	1	9,314	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	523,417	15,564	SH	SOLE	1	15,564	0	0
ICON PLC	PLC SHS	G4705A100	219,379	775	SH	SOLE	1	775	0	0
ICOSAVAX INC	COM	45114M109	215,754	13,690	SH	SOLE	1	13,690	0	0
ICU MEDICAL INC	COM	44930G107	111,509	1,118	SH	SOLE	1	1,118	0	0
IDACORP INC	COM	451107106	6,721,942	68,368	SH	SOLE	1	68,368	0	0
IDEAYA BIOSCIENCES INC	COM	45166A102	1,064,411	29,916	SH	SOLE	1	29,916	0	0
IDEX CORP	COM	45167R104	4,317,015	19,884	SH	SOLE	1	19,884	0	0
IDEXX LABORATORIES INC	COM	45168D104	17,442,446	31,425	SH	SOLE	1	31,425	0	0
IDT CORP CLASS B	COM	448947507	259,902	7,624	SH	SOLE	1	7,624	0	0
IES HOLDINGS INC	COM	44951W106	322,663	4,073	SH	SOLE	1	4,073	0	0
IGM BIOSCIENCES INC	COM	449585108	54,879	6,604	SH	SOLE	1	6,604	0	0
IHEARTMEDIA INC CLASS A	CL A	45174J509	137,863	51,634	SH	SOLE	1	51,634	0	0
IKENA ONCOLOGY INC	COM	45175G108	30,310	15,386	SH	SOLE	1	15,386	0	0
ILLINOIS TOOL WORKS	COM	452308109	23,062,245	88,044	SH	SOLE	1	88,044	0	0
ILLUMINA INC	COM	452327109	7,452,264	53,521	SH	SOLE	1	53,521	0	0
IMAX CORP	COM	45245E109	335,562	22,341	SH	SOLE	1	22,341	0	0
IMMERION CORPORATION	COM	452521107	109,875	15,563	SH	SOLE	1	15,563	0	0
IMMUNEERING CORP CLASS A	CL A	45254E107	81,791	11,128	SH	SOLE	1	11,128	0	0
IMMUNITYBIO INC	COM	45256X103	330,828	65,902	SH	SOLE	1	65,902	0	0
IMMUNOGEN INC	COM	45253H101	3,532,649	119,145	SH	SOLE	1	119,145	0	0
IMMUNOVANT INC	COM	45258J102	1,129,927	26,820	SH	SOLE	1	26,820	0	0
IMPINJ INC	COM	453204109	1,044,438	11,601	SH	SOLE	1	11,601	0	0
INARI MEDICAL INC	COM	45332Y109	6,187,590	95,311	SH	SOLE	1	95,311	0	0
INCYTE CORP	COM	45337C102	3,158,086	50,296	SH	SOLE	1	50,296	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	6,333,068	413,926	SH	SOLE	1	413,926	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	257,858	9,910	SH	SOLE	1	9,910	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,582,270	24,043	SH	SOLE	1	24,043	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,001,420	19,682	SH	SOLE	1	19,682	0	0
INDIE SEMICONDUCTOR INC A	CL A	45569U101	607,382	74,893	SH	SOLE	1	74,893	0	0
INFINERA CORP	COM	45667G103	471,148	99,189	SH	SOLE	1	99,189	0	0
INFORMATICA INC CLASS A	CL A	45674M101	10,760	379	SH	SOLE	1	379	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	82,185	17,449	SH	SOLE	1	17,449	0	0
INFUSYSTEM HOLDINGS INC	COM	45685K102	95,166	9,029	SH	SOLE	1	9,029	0	0
INGERSOLL RAND INC	COM	45687V106	8,497,887	109,877	SH	SOLE	1	109,877	0	0
INGEVITY CORP	COM	45688C107	933,256	19,764	SH	SOLE	1	19,764	0	0
INGLES MARKETS INC CLASS A	COM	457030104	604,072	6,994	SH	SOLE	1	6,994	0	0
INGREDION INC	COM	457187102	9,557,803	88,066	SH	SOLE	1	88,066	0	0
INHIBRX INC	COM	45720L107	648,698	17,071	SH	SOLE	1	17,071	0	0
INMODE LTD	LTD SHS	M5425M103	856,529	38,513	SH	SOLE	1	38,513	0	0
INNODATA INC	COM	457642205	104,843	12,880	SH	SOLE	1	12,880	0	0
INNOSPEC INC	COM	45768S105	1,673,353	13,578	SH	SOLE	1	13,578	0	0

INNOVAGE HOLDING CORP	COM	45784A104	56,424	9,404	SH	SOLE	1	9,404	0	0
INNOVATE CORP	COM	45784J105	33,188	26,982	SH	SOLE	1	26,982	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	1,533,271	15,208	SH	SOLE	1	15,208	0	0
INNOVIVA INC	COM	45781M101	518,028	32,296	SH	SOLE	1	32,296	0	0
INOGEN INC	COM	45780L104	63,596	11,584	SH	SOLE	1	11,584	0	0
INOZYME PHARMA INC	COM	45790W108	101,090	23,730	SH	SOLE	1	23,730	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	2,760,620	15,580	SH	SOLE	1	15,580	0	0
INSMED INC	COM	457669307	2,129,323	68,710	SH	SOLE	1	68,710	0	0
INSPERITY INC	COM	45778Q107	7,647,081	65,237	SH	SOLE	1	65,237	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	98,867	486	SH	SOLE	1	486	0	0
INSPIRED ENTERTAINMENT INC	COM	45782N108	106,585	10,788	SH	SOLE	1	10,788	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	2,357,830	12,897	SH	SOLE	1	12,897	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	391,898	10,235	SH	SOLE	1	10,235	0	0
INSTRUCTURE HOLDINGS INC	COM	457790103	261,916	9,697	SH	SOLE	1	9,697	0	0
INSULET CORP	COM	45784P101	4,171,657	19,226	SH	SOLE	1	19,226	0	0
INTAPP INC	COM	45827U109	523,840	13,778	SH	SOLE	1	13,778	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,791,168	18,078	SH	SOLE	1	18,078	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	4,001,026	91,872	SH	SOLE	1	91,872	0	0
INTEGRAL AD SCIENCE HOLDING	COM	45828L108	347,317	24,136	SH	SOLE	1	24,136	0	0
INTEL CORP	COM	458140100	71,727,805	1,427,419	SH	SOLE	1	1,427,419	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	1,337,139	43,855	SH	SOLE	1	43,855	0	0
INTER PARFUMS INC	COM	458334109	1,435,924	9,971	SH	SOLE	1	9,971	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	11,981,040	144,524	SH	SOLE	1	144,524	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	22,863,237	178,021	SH	SOLE	1	178,021	0	0
INTERDIGITAL INC	COM	45867G101	1,557,875	14,353	SH	SOLE	1	14,353	0	0
INTERFACE INC	COM	458665304	394,249	31,240	SH	SOLE	1	31,240	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	5,343,730	98,375	SH	SOLE	1	98,375	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	1,480,496	54,013	SH	SOLE	1	54,013	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	351,695	15,921	SH	SOLE	1	15,921	0	0
INTERNATIONAL PAPER CO	COM	460146103	3,280,143	90,737	SH	SOLE	1	90,737	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	918,923	20,205	SH	SOLE	1	20,205	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	3,278,819	100,454	SH	SOLE	1	100,454	0	0
INTEST CORP	COM	461147100	79,234	5,826	SH	SOLE	1	5,826	0	0
INTEVAC INC	COM	461148108	55,611	12,873	SH	SOLE	1	12,873	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	37,932,806	231,934	SH	SOLE	1	231,934	0	0
INTL FLAVORS plus FRAGRANCES	COM	459506101	5,420,213	66,941	SH	SOLE	1	66,941	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	3,335,773	46,576	SH	SOLE	1	46,576	0	0
INTREPID POTASH INC	COM	46121Y201	126,235	5,284	SH	SOLE	1	5,284	0	0

INTUIT INC	COM	461202103	64,705,606	103,524	SH	SOLE	1	103,524	0	0
INTUITIVE SURGICAL INC	COM	46120E602	39,360,129	116,671	SH	SOLE	1	116,671	0	0
INVENTRUST PROPERTIES CORP	COM	46124J201	856,923	33,817	SH	SOLE	1	33,817	0	0
INVESCO LTD	COM	G491BT108	2,090,384	117,174	SH	SOLE	1	117,174	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B704	198,092	22,358	SH	SOLE	1	22,358	0	0
INVESTORS TITLE CO	COM	461804106	98,257	606	SH	SOLE	1	606	0	0
INVITAE CORP	COM	46185L103	81,881	130,634	SH	SOLE	1	130,634	0	0
INVITATION HOMES INC	COM	46187W107	5,155,351	151,139	SH	SOLE	1	151,139	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	113,170	2,237	SH	SOLE	1	2,237	0	0
IONQ INC	COM	46222L108	990,481	79,942	SH	SOLE	1	79,942	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	926,901	114,010	SH	SOLE	1	114,010	0	0
IPG PHOTONICS CORP	COM	44980X109	4,334,436	39,934	SH	SOLE	1	39,934	0	0
IQIYI INC ADR	ADR	46267X108	28,021	5,742	SH	SOLE	1	5,742	0	0
IQVIA HOLDINGS INC	COM	46266C105	11,640,496	50,309	SH	SOLE	1	50,309	0	0
IRADIMED CORP	COM	46266A109	172,506	3,634	SH	SOLE	1	3,634	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,633,002	15,256	SH	SOLE	1	15,256	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	6,926,528	168,283	SH	SOLE	1	168,283	0	0
IROBOT CORP	COM	462726100	578,333	14,944	SH	SOLE	1	14,944	0	0
IRON MOUNTAIN INC	COM	46284V101	5,568,798	79,577	SH	SOLE	1	79,577	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	862,084	75,357	SH	SOLE	1	75,357	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	8,392,692	102,300	SH	SOLE	1	102,300	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	151,564	1,400	SH	SOLE	1	1,400	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	1,404,096	14,200	SH	SOLE	1	14,200	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	8,808,176	75,200	SH	SOLE	1	75,200	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,130,219	22,100	SH	SOLE	1	22,100	0	0
ISHARES CORE SplusP SMALL CAP ETF	CORE S&P SCP ETF	464287804	1,240,653	11,461	SH	SOLE	1	11,461	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	14,031,688	126,800	SH	SOLE	1	126,800	0	0
ISHARES MSCI CHINA A ETF		46434V514	3,297,188	127,699	SH	SOLE	1	127,699	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	3,790,105	50,300	SH	SOLE	1	50,300	0	0
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	8,831,240	44,000	SH	SOLE	1	44,000	0	0
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	1,765,374	16,900	SH	SOLE	1	16,900	0	0
ISHARES RUSSELL MID CAP VALUE	RUS MD CP VAL ETF	464287473	1,286,749	11,065	SH	SOLE	1	11,065	0	0
ISHARES SplusP 500 GROWTH ETF		464287309	675,900	9,000	SH	SOLE	1	9,000	0	0
ISHARES SplusP 500 VALUE ETF	S&P 500 VAL ETF	464287408	21,958,655	126,279	SH	SOLE	1	126,279	0	0
ISPIRE TECHNOLOGY INC	COM	46501C100	107,023	8,823	SH	SOLE	1	8,823	0	0
ITEOS THERAPEUTICS INC	COM	46565G104	134,882	12,318	SH	SOLE	1	12,318	0	0

ITERIS INC	COM	46564T107	110,417	21,234	SH	SOLE	1	21,234	0	0
ITRON INC	COM	465741106	1,872,270	24,795	SH	SOLE	1	24,795	0	0
ITT INC	COM	45073V108	13,232,946	110,903	SH	SOLE	1	110,903	0	0
IVANHOE ELECTRIC INC / US	COM	46578C108	316,653	31,414	SH	SOLE	1	31,414	0	0
J plus J SNACK FOODS CORP	COM	466032109	1,373,389	8,217	SH	SOLE	1	8,217	0	0
J. JILL INC	COM	46620W201	58,289	2,261	SH	SOLE	1	2,261	0	0
JABIL INC	COM	466313103	4,462,695	35,029	SH	SOLE	1	35,029	0	0
JACK HENRY plus ASSOCIATES INC	COM	426281101	3,153,323	19,297	SH	SOLE	1	19,297	0	0
JACK IN THE BOX INC	COM	466367109	899,971	11,025	SH	SOLE	1	11,025	0	0
JACKSON FINANCIAL INC A	CL A	46817M107	2,279,782	44,527	SH	SOLE	1	44,527	0	0
JACOBS SOLUTIONS INC	COM	46982L108	4,285,736	33,018	SH	SOLE	1	33,018	0	0
JAKKS PACIFIC INC	COM	47012E403	130,291	3,665	SH	SOLE	1	3,665	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	170,136	18,413	SH	SOLE	1	18,413	0	0
JAMF HOLDING CORP	COM	47074L105	635,062	35,164	SH	SOLE	1	35,164	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	5,397,574	179,024	SH	SOLE	1	179,024	0	0
JANUS INTERNATIONAL GROUP IN	COM	47103N106	551,180	42,236	SH	SOLE	1	42,236	0	0
JANUX THERAPEUTICS INC	COM	47103J105	92,235	8,596	SH	SOLE	1	8,596	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	10,491,900	85,300	SH	SOLE	1	85,300	0	0
JBG SMITH PROPERTIES	COM	46590V100	927,810	54,545	SH	SOLE	1	54,545	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	9,193,154	227,497	SH	SOLE	1	227,497	0	0
JELD WEN HOLDING INC	COM	47580P103	799,417	42,342	SH	SOLE	1	42,342	0	0
JETBLUE AIRWAYS CORP	COM	477143101	1,014,662	182,822	SH	SOLE	1	182,822	0	0
JM SMUCKER CO/THE	COM	832696405	3,882,773	30,723	SH	SOLE	1	30,723	0	0
JOBY AVIATION INC	COM	G65163100	921,783	138,614	SH	SOLE	1	138,614	0	0
JOHN B. SANFILIPPO plus SON INC	COM	800422107	502,732	4,879	SH	SOLE	1	4,879	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	1,724,165	17,337	SH	SOLE	1	17,337	0	0
JOHN MARSHALL BANCORP INC	COM	47805L101	139,759	6,195	SH	SOLE	1	6,195	0	0
JOHNSON plus JOHNSON	COM	478160104	95,839,457	611,455	SH	SOLE	1	611,455	0	0
JOHNSON CONTROLS INTERNATION	COM	G51502105	9,960,307	172,802	SH	SOLE	1	172,802	0	0
JOHNSON OUTDOORS INC A	COM	479167108	143,807	2,692	SH	SOLE	1	2,692	0	0
JOINT CORP/THE	COM	47973J102	68,010	7,077	SH	SOLE	1	7,077	0	0
JONES LANG LASALLE INC	COM	48020Q107	12,136,597	64,259	SH	SOLE	1	64,259	0	0
JOYY INC ADR	ADS RESTG COM A	46591M109	29,775	750	SH	SOLE	1	750	0	0
JPMORGAN CHASE plus CO	COM	46625H100	124,908,172	734,322	SH	SOLE	1	734,322	0	0
JUNIPER NETWORKS INC	COM	48203R104	2,464,823	83,610	SH	SOLE	1	83,610	0	0
KADANT INC	COM	48282T104	1,630,283	5,816	SH	SOLE	1	5,816	0	0
KAISER ALUMINUM CORP	COM	483007704	618,285	8,685	SH	SOLE	1	8,685	0	0

KALTURA INC	COM	483467106	81,691	41,893	SH	SOLE	1	41,893	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	188,515	15,389	SH	SOLE	1	15,389	0	0
KAMAN CORP	COM	483548103	367,010	15,324	SH	SOLE	1	15,324	0	0
KANZHUN LTD ADR	LTD SPONS ADS	48553T106	41,525	2,500	SH	SOLE	1	2,500	0	0
KARAT PACKAGING INC	COM	48563L101	83,869	3,375	SH	SOLE	1	3,375	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	180,094	569	SH	SOLE	1	569	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	48,695	56,295	SH	SOLE	1	56,295	0	0
KB HOME	COM	48666K109	8,634,221	138,236	SH	SOLE	1	138,236	0	0
KBR INC	COM	48242W106	10,127,507	182,774	SH	SOLE	1	182,774	0	0
KE HOLDINGS INC ADR	SPON ADS	482497104	152,374	9,400	SH	SOLE	1	9,400	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	249,886	27,858	SH	SOLE	1	27,858	0	0
KELLANOVA	COM	487836108	5,015,015	89,698	SH	SOLE	1	89,698	0	0
KELLY SERVICES INC A	COM	488152208	368,535	17,046	SH	SOLE	1	17,046	0	0
KEMPER CORP	COM	488401100	3,960,375	81,372	SH	SOLE	1	81,372	0	0
KENNAMETAL INC	COM	489170100	1,131,098	43,858	SH	SOLE	1	43,858	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	805,827	65,091	SH	SOLE	1	65,091	0	0
KENVUE INC	COM	49177J102	9,425,231	437,772	SH	SOLE	1	437,772	0	0
KEROS THERAPEUTICS INC	COM	492327101	444,835	11,188	SH	SOLE	1	11,188	0	0
KEURIG DR PEPPER INC	COM	49271V100	16,864,485	506,137	SH	SOLE	1	506,137	0	0
KEYCORP	COM	493267108	3,534,811	245,473	SH	SOLE	1	245,473	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	8,399,475	52,797	SH	SOLE	1	52,797	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	33,607	35,473	SH	SOLE	1	35,473	0	0
KFORCE INC	COM	493732101	643,847	9,530	SH	SOLE	1	9,530	0	0
KILROY REALTY CORP	COM	49427F108	5,744,649	144,193	SH	SOLE	1	144,193	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	321,001	11,911	SH	SOLE	1	11,911	0	0
KIMBERLY CLARK CORP	COM	494368103	15,702,494	129,228	SH	SOLE	1	129,228	0	0
KIMCO REALTY CORP	COM	49446R109	3,714,482	174,307	SH	SOLE	1	174,307	0	0
KINDER MORGAN INC	COM	49456B101	8,664,645	491,193	SH	SOLE	1	491,193	0	0
KINETIK HOLDINGS INC	CL A	02215L209	302,270	9,050	SH	SOLE	1	9,050	0	0
KINGSWAY FINANCIAL SERVICES	COM	496904202	45,536	5,421	SH	SOLE	1	5,421	0	0
KINIKSA PHARMACEUTICALS A	COM	G5269C101	273,536	15,595	SH	SOLE	1	15,595	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	10,022,182	29,925	SH	SOLE	1	29,925	0	0
KIRBY CORP	COM	497266106	6,264,980	79,829	SH	SOLE	1	79,829	0	0
KITE REALTY GROUP TRUST	COM	49803T300	9,209,037	402,845	SH	SOLE	1	402,845	0	0
KKR plus CO INC	COM	48251W104	569,925	6,879	SH	SOLE	1	6,879	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	423,744	32,029	SH	SOLE	1	32,029	0	0
KLA CORP	COM	482480100	28,849,919	49,630	SH	SOLE	1	49,630	0	0
KLX ENERGY SERVICES HOLDING	COM	48253L205	70,893	6,296	SH	SOLE	1	6,296	0	0
KNIFE RIVER CORP	COM	498894104	6,888,544	104,088	SH	SOLE	1	104,088	0	0
KNIGHT SWIFT	COM	499049104	12,557,842	217,829	SH	SOLE	1	217,829	0	0

TRANSPORTATION										
KNOWLES CORP	COM	49926D109	876,587	48,944	SH	SOLE	1	48,944	0	0
KODIAK GAS SERVICES INC	COM	50012A108	158,331	7,885	SH	SOLE	1	7,885	0	0
KODIAK SCIENCES INC	COM	50015M109	49,011	16,122	SH	SOLE	1	16,122	0	0
KOHL'S CORP	COM	500255104	175,120	6,106	SH	SOLE	1	6,106	0	0
KONTOOR BRANDS INC	COM	50050N103	1,891,513	30,303	SH	SOLE	1	30,303	0	0
KOPPERS HOLDINGS INC	COM	50060P106	563,830	11,008	SH	SOLE	1	11,008	0	0
KORN FERRY	COM	500643200	1,687,083	28,426	SH	SOLE	1	28,426	0	0
KORU MEDICAL SYSTEMS INC	COM	759910102	41,922	17,076	SH	SOLE	1	17,076	0	0
KOSMOS ENERGY LTD	COM	500688106	1,523,640	227,070	SH	SOLE	1	227,070	0	0
KRAFT HEINZ CO/THE	COM	500754106	15,648,420	423,159	SH	SOLE	1	423,159	0	0
KRATOS DEFENSE plus SECURITY	COM	50077B207	1,286,670	63,414	SH	SOLE	1	63,414	0	0
KRISPY KREME INC	COM	50101L106	657,064	43,543	SH	SOLE	1	43,543	0	0
KROGER CO	COM	501044101	7,928,765	173,458	SH	SOLE	1	173,458	0	0
KRONOS WORLDWIDE INC	COM	50105F105	109,121	10,978	SH	SOLE	1	10,978	0	0
KRYSTAL BIOTECH INC	COM	501147102	1,332,901	10,744	SH	SOLE	1	10,744	0	0
KULICKE plus SOFFA INDUSTRIES	COM	501242101	1,655,718	30,258	SH	SOLE	1	30,258	0	0
KURA ONCOLOGY INC	COM	50127T109	504,364	35,074	SH	SOLE	1	35,074	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	220,400	2,900	SH	SOLE	1	2,900	0	0
KVH INDUSTRIES INC	COM	482738101	49,055	9,326	SH	SOLE	1	9,326	0	0
KYMERA THERAPEUTICS INC	COM	501575104	480,838	18,886	SH	SOLE	1	18,886	0	0
KYNDRYL HOLDINGS INC	COM	50155Q100	6,440,408	309,933	SH	SOLE	1	309,933	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	10,140,089	48,144	SH	SOLE	1	48,144	0	0
LA Z BOY INC	COM	505336107	871,866	23,615	SH	SOLE	1	23,615	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	5,059,930	22,262	SH	SOLE	1	22,262	0	0
LADDER CAPITAL CORP REIT	COM	505743104	648,381	56,332	SH	SOLE	1	56,332	0	0
LAKELAND BANCORP INC	COM	511637100	458,801	31,021	SH	SOLE	1	31,021	0	0
LAKELAND FINANCIAL CORP	COM	511656100	882,527	13,544	SH	SOLE	1	13,544	0	0
LAM RESEARCH CORP	COM	512807108	37,999,076	48,514	SH	SOLE	1	48,514	0	0
LAMAR ADVERTISING CO A	COM	512816109	12,633,929	118,874	SH	SOLE	1	118,874	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	4,360,891	40,345	SH	SOLE	1	40,345	0	0
LANCASTER COLONY CORP	COM	513847103	6,165,581	37,055	SH	SOLE	1	37,055	0	0
LANDS END INC	COM	51509F105	70,457	7,370	SH	SOLE	1	7,370	0	0
LANDSEA HOMES CORP	COM	51509P103	132,018	10,047	SH	SOLE	1	10,047	0	0
LANDSTAR SYSTEM INC	COM	515098101	9,450,120	48,800	SH	SOLE	1	48,800	0	0
LANTHEUS HOLDINGS INC	COM	516544103	7,798,360	125,780	SH	SOLE	1	125,780	0	0
LANZATECH GLOBAL INC	COM	51655R101	51,583	10,255	SH	SOLE	1	10,255	0	0
LARIMAR THERAPEUTICS INC	COM	517125100	58,003	12,748	SH	SOLE	1	12,748	0	0
LAS VEGAS SANDS CORP	COM	517834107	4,746,698	96,458	SH	SOLE	1	96,458	0	0

LATHAM GROUP INC	COM	51819L107	50,791	19,312	SH	SOLE	1	19,312	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	12,943,490	187,614	SH	SOLE	1	187,614	0	0
LAUREATE EDUCATION INC	COM	518613203	893,412	65,165	SH	SOLE	1	65,165	0	0
LAZARD LTD CL A	CL A	G54050102	31,320	900	SH	SOLE	1	900	0	0
LAZYDAYS HOLDINGS INC	COM	52110H100	26,684	3,785	SH	SOLE	1	3,785	0	0
LCI INDUSTRIES	COM	50189K103	1,694,948	13,483	SH	SOLE	1	13,483	0	0
LCNB CORPORATION	COM	50181P100	82,887	5,256	SH	SOLE	1	5,256	0	0
LEAR CORP	COM	521865204	11,112,380	78,694	SH	SOLE	1	78,694	0	0
LEGACY HOUSING CORP	COM	52472M101	124,360	4,931	SH	SOLE	1	4,931	0	0
LEGALZOOMCOM INC	COM	52466B103	665,819	58,922	SH	SOLE	1	58,922	0	0
LEGEND BIOTECH CORP ADR	SPONS ADS	52490G102	36,102	600	SH	SOLE	1	600	0	0
LEGGETT plus PLATT INC	COM	524660107	4,712,589	180,076	SH	SOLE	1	180,076	0	0
LEIDOS HOLDINGS INC	COM	525327102	3,901,944	36,049	SH	SOLE	1	36,049	0	0
LEMAITRE VASCULAR INC	COM	525558201	610,056	10,748	SH	SOLE	1	10,748	0	0
LEMONADE INC	COM	52567D107	406,686	25,213	SH	SOLE	1	25,213	0	0
LENDINGCLUB CORP	COM	52603A208	471,943	53,998	SH	SOLE	1	53,998	0	0
LENDINGTREE INC	COM	52603B107	160,453	5,292	SH	SOLE	1	5,292	0	0
LENNAR CORP B SHS	COM	526057302	14,477	108	SH	SOLE	1	108	0	0
LENNAR CORP A	COM	526057104	10,397,925	69,766	SH	SOLE	1	69,766	0	0
LENNOX INTERNATIONAL INC	COM	526107107	19,335,549	43,206	SH	SOLE	1	43,206	0	0
LEONARDO DRS INC	COM	52661A108	684,446	34,154	SH	SOLE	1	34,154	0	0
LESLIE S INC	COM	527064109	670,118	96,978	SH	SOLE	1	96,978	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	70,455	46,049	SH	SOLE	1	46,049	0	0
LGI HOMES INC	COM	50187T106	1,506,972	11,317	SH	SOLE	1	11,317	0	0
LI CYCLE HOLDINGS CORP	COM	50202P105	40,538	69,320	SH	SOLE	1	69,320	0	0
LIBERTY BROADBAND A	COM	530307107	13,386	166	SH	SOLE	1	166	0	0
LIBERTY BROADBAND C	COM	530307305	94,049	1,167	SH	SOLE	1	1,167	0	0
LIBERTY ENERGY INC	COM	53115L104	1,613,172	88,929	SH	SOLE	1	88,929	0	0
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	127,845	17,489	SH	SOLE	1	17,489	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	502,019	68,395	SH	SOLE	1	68,395	0	0
LIBERTY MEDIA CORP CL A NEW	COM SER A	531229813	17,560	611	SH	SOLE	1	611	0	0
LIBERTY MEDIA CORP LIB NEW A	COM SER A	531229771	11,364	196	SH	SOLE	1	196	0	0
LIBERTY MEDIA CORP LIB NEW C	COM SER C	531229755	100,692	1,595	SH	SOLE	1	1,595	0	0
LIBERTY MEDIA CORP LIBER NEW	COM SER C	531229789	36,349	1,263	SH	SOLE	1	1,263	0	0
LIBERTY MEDIA CORP LIBERTY A	CL A	531229748	5,885	161	SH	SOLE	1	161	0	0
LIBERTY MEDIA CORP LIBERTY C	CL C	531229722	14,358	384	SH	SOLE	1	384	0	0
LIFE TIME GROUP HOLDINGS INC	COM	53190C102	334,851	22,205	SH	SOLE	1	22,205	0	0
LIFESTANCE HEALTH	COM	53228F101	413,079	52,756	SH	SOLE	1	52,756	0	0

GROUP INC										
LIGAND PHARMACEUTICALS	COM	53220K504	653,064	9,144	SH	SOLE	1	9,144	0	0
LIGHT plus WONDER INC	COM	80874P109	13,656,782	166,323	SH	SOLE	1	166,323	0	0
LIGHTWAVE LOGIC INC	COM	532275104	290,060	58,245	SH	SOLE	1	58,245	0	0
LIMBACH HOLDINGS INC	COM	53263P105	208,071	4,576	SH	SOLE	1	4,576	0	0
LIMONEIRA CO	COM	532746104	179,543	8,703	SH	SOLE	1	8,703	0	0
LINCOLN EDUCATIONAL SERVICES	COM	533535100	118,211	11,774	SH	SOLE	1	11,774	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	16,898,164	77,707	SH	SOLE	1	77,707	0	0
LINCOLN NATIONAL CORP	COM	534187109	255,999	9,492	SH	SOLE	1	9,492	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	195,895	17,382	SH	SOLE	1	17,382	0	0
LINDE PLC	PLC SHS	G54950103	60,987,560	148,493	SH	SOLE	1	148,493	0	0
LINDSAY CORP	COM	535555106	776,897	6,015	SH	SOLE	1	6,015	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	71,895	65,959	SH	SOLE	1	65,959	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	315,849	28,977	SH	SOLE	1	28,977	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	610,564	59,918	SH	SOLE	1	59,918	0	0
LIQUIDIA CORP	COM	53635D202	283,800	23,591	SH	SOLE	1	23,591	0	0
LIQUIDITY SERVICES INC	COM	53635B107	215,314	12,511	SH	SOLE	1	12,511	0	0
LITHIA MOTORS INC	CL A	536797103	12,239,338	37,170	SH	SOLE	1	37,170	0	0
LITTELFUSE INC	COM	537008104	8,994,832	33,618	SH	SOLE	1	33,618	0	0
LIVANOVA PLC	COM	G5509L101	5,138,455	99,313	SH	SOLE	1	99,313	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	3,681,288	39,330	SH	SOLE	1	39,330	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	761,352	16,733	SH	SOLE	1	16,733	0	0
LIVENT CORP	COM	53814L108	5,952,926	331,086	SH	SOLE	1	331,086	0	0
LIVEPERSON INC	COM	538146101	147,886	39,020	SH	SOLE	1	39,020	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	1,356,104	35,800	SH	SOLE	1	35,800	0	0
LIVEWIRE GROUP INC	COM	53838J105	108,191	9,566	SH	SOLE	1	9,566	0	0
LKQ CORP	COM	501889208	3,352,994	70,161	SH	SOLE	1	70,161	0	0
LOCKHEED MARTIN CORP	COM	539830109	25,419,965	56,085	SH	SOLE	1	56,085	0	0
LOEWS CORP	COM	540424108	3,340,668	48,005	SH	SOLE	1	48,005	0	0
LONGBOARD PHARMACEUTICALS IN	COM	54300N103	46,690	7,743	SH	SOLE	1	7,743	0	0
LOOP MEDIA INC	COM	54352F206	19,084	19,084	SH	SOLE	1	19,084	0	0
LOUISIANA PACIFIC CORP	COM	546347105	6,140,040	86,687	SH	SOLE	1	86,687	0	0
LOVESAC CO/THE	COM	54738L109	178,262	6,977	SH	SOLE	1	6,977	0	0
LOWE S COS INC	COM	548661107	37,769,406	169,712	SH	SOLE	1	169,712	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	290,216	1,275	SH	SOLE	1	1,275	0	0
LSB INDUSTRIES INC	COM	502160104	248,521	26,694	SH	SOLE	1	26,694	0	0
LSI INDUSTRIES INC	COM	50216C108	196,134	13,930	SH	SOLE	1	13,930	0	0
LTC PROPERTIES INC	COM	502175102	717,625	22,342	SH	SOLE	1	22,342	0	0
LUCID GROUP INC	COM	549498103	25,790	6,126	SH	SOLE	1	6,126	0	0
LUFAX HOLDING LTD ADR	ADR	54975P201	6,343	2,066	SH	SOLE	1	2,066	0	0

LULULEMON ATHLETICA INC	COM	550021109	20,255,265	39,616	SH	SOLE	1	39,616	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	1,004,011	548,640	SH	SOLE	1	548,640	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	4,744,010	90,500	SH	SOLE	1	90,500	0	0
LUMINAR TECHNOLOGIES INC	CL A	550424105	456,392	135,428	SH	SOLE	1	135,428	0	0
LUNA INNOVATIONS INC	COM	550351100	107,697	16,195	SH	SOLE	1	16,195	0	0
LUTHER BURBANK CORP	COM	550550107	54,600	5,098	SH	SOLE	1	5,098	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	118,759	13,284	SH	SOLE	1	13,284	0	0
LXP INDUSTRIAL TRUST	COM	529043101	1,566,150	157,878	SH	SOLE	1	157,878	0	0
LYELL IMMUNOPHARMA INC	COM	55083R104	167,342	86,259	SH	SOLE	1	86,259	0	0
LYFT INC A	COM	55087P104	87,032	5,806	SH	SOLE	1	5,806	0	0
LYONDELLBASELL INDU CL A	CL A	N53745100	6,390,802	67,215	SH	SOLE	1	67,215	0	0
M plus T BANK CORP	COM	55261F104	6,746,118	49,213	SH	SOLE	1	49,213	0	0
M/I HOMES INC	COM	55305B101	2,025,880	14,708	SH	SOLE	1	14,708	0	0
MACATAWA BANK CORP	COM	554225102	147,588	13,084	SH	SOLE	1	13,084	0	0
MACERICH CO/THE	COM	554382101	1,814,923	117,623	SH	SOLE	1	117,623	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	9,267,115	99,700	SH	SOLE	1	99,700	0	0
MACROGENICS INC	COM	556099109	291,015	30,251	SH	SOLE	1	30,251	0	0
MACY S INC	COM	55616P104	7,436,171	369,591	SH	SOLE	1	369,591	0	0
MADISON SQUARE GARDEN ENTERT	CL A	558256103	628,266	19,763	SH	SOLE	1	19,763	0	0
MADISON SQUARE GARDEN SPORTS	CL A	55825T103	170,375	937	SH	SOLE	1	937	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	1,701,569	7,354	SH	SOLE	1	7,354	0	0
MAGNITE INC	COM	55955D100	628,554	67,297	SH	SOLE	1	67,297	0	0
MAGNOLIA OIL plus GAS CORP A	COM	559663109	1,900,111	89,249	SH	SOLE	1	89,249	0	0
MAIDEN HOLDINGS LTD	LTD SHS	G5753U112	103,339	45,126	SH	SOLE	1	45,126	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	85,892	3,462	SH	SOLE	1	3,462	0	0
MALIBU BOATS INC A	COM	56117J100	554,395	10,113	SH	SOLE	1	10,113	0	0
MAMMOTH ENERGY SERVICES INC	COM	56155L108	51,651	11,581	SH	SOLE	1	11,581	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	18,021,638	83,697	SH	SOLE	1	83,697	0	0
MANITOWOC COMPANY INC	COM	563571405	289,254	17,331	SH	SOLE	1	17,331	0	0
MANNKIND CORP	COM	56400P706	471,901	129,643	SH	SOLE	1	129,643	0	0
MANPOWERGROUP INC	COM	56418H100	5,239,616	65,932	SH	SOLE	1	65,932	0	0
MAPLEBEAR INC	COM	565394103	7,018	299	SH	SOLE	1	299	0	0
MARATHON DIGITAL HOLDINGS IN	COM	565788106	2,487,497	105,896	SH	SOLE	1	105,896	0	0
MARATHON OIL CORP	COM	565849106	3,801,165	157,333	SH	SOLE	1	157,333	0	0
MARATHON PETROLEUM CORP	COM	56585A102	14,679,183	98,943	SH	SOLE	1	98,943	0	0
MARAVAI LIFESCIENCES HLDGS A	CL A	56600D107	9,537	1,456	SH	SOLE	1	1,456	0	0
MARCUS plus MILLICHAP INC	COM	566324109	564,171	12,916	SH	SOLE	1	12,916	0	0
MARCUS CORPORATION	COM	566330106	192,616	13,211	SH	SOLE	1	13,211	0	0

MARINE PRODUCTS CORP	COM	568427108	47,675	4,182	SH	SOLE	1	4,182	0	0
MARINEMAX INC	COM	567908108	449,879	11,565	SH	SOLE	1	11,565	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q200	273,989	25,206	SH	SOLE	1	25,206	0	0
MARKEL GROUP INC	COM	570535104	153,349	108	SH	SOLE	1	108	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	3,003,177	10,255	SH	SOLE	1	10,255	0	0
MARKETWISE INC	CL A	57064P107	43,751	16,026	SH	SOLE	1	16,026	0	0
MARQETA INC A	COM	57142B104	1,666,922	238,814	SH	SOLE	1	238,814	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	19,398,370	86,020	SH	SOLE	1	86,020	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	3,789,574	44,641	SH	SOLE	1	44,641	0	0
MARSH plus MCLENNAN COS	COM	571748102	30,616,836	161,592	SH	SOLE	1	161,592	0	0
MARTEN TRANSPORT LTD	COM	573075108	663,010	31,602	SH	SOLE	1	31,602	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	8,328,804	16,694	SH	SOLE	1	16,694	0	0
MARVELL TECHNOLOGY INC	COM	573874104	4,039,926	66,986	SH	SOLE	1	66,986	0	0
MASCO CORP	COM	574599106	4,040,435	60,323	SH	SOLE	1	60,323	0	0
MASIMO CORP	COM	574795100	7,070,224	60,321	SH	SOLE	1	60,321	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	935,662	11,052	SH	SOLE	1	11,052	0	0
MASTEC INC	COM	576323109	6,183,447	81,662	SH	SOLE	1	81,662	0	0
MASTERBRAND INC	COM	57638P104	1,046,435	70,467	SH	SOLE	1	70,467	0	0
MASTERCARD INC A	COM	57636Q104	110,864,877	259,935	SH	SOLE	1	259,935	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	191,036	8,438	SH	SOLE	1	8,438	0	0
MATADOR RESOURCES CO	COM	576485205	11,662,725	205,113	SH	SOLE	1	205,113	0	0
MATCH GROUP INC	COM	57667L107	2,683,371	73,517	SH	SOLE	1	73,517	0	0
MATERION CORP	COM	576690101	1,455,374	11,184	SH	SOLE	1	11,184	0	0
MATIV HOLDINGS INC	COM	808541106	454,079	29,659	SH	SOLE	1	29,659	0	0
MATSON INC	COM	57686G105	2,061,247	18,807	SH	SOLE	1	18,807	0	0
MATTEL INC	COM	577081102	9,008,158	477,127	SH	SOLE	1	477,127	0	0
MATTERPORT INC	CL A	577096100	341,652	127,008	SH	SOLE	1	127,008	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	594,023	16,208	SH	SOLE	1	16,208	0	0
MAUI LAND plus PINEAPPLE CO	COM	577345101	59,556	3,748	SH	SOLE	1	3,748	0	0
MAXCYTE INC	COM	57777K106	204,168	43,440	SH	SOLE	1	43,440	0	0
MAXEON SOLAR TECHNOLOGIE	LT SHS	Y58473102	104,847	14,623	SH	SOLE	1	14,623	0	0
MAXIMUS INC	COM	577933104	9,380,915	111,864	SH	SOLE	1	111,864	0	0
MAXLINEAR INC	COM	57776J100	982,010	41,313	SH	SOLE	1	41,313	0	0
MAYVILLE ENGINEERING CO INC	COM	578605107	80,348	5,572	SH	SOLE	1	5,572	0	0
MBIA INC	COM	55262C100	139,095	22,728	SH	SOLE	1	22,728	0	0
MCCORMICK plus CO NON VTG SHRS	COM	579780206	5,435,558	79,444	SH	SOLE	1	79,444	0	0
MCDONALD S CORP	COM	580135101	55,760,781	188,057	SH	SOLE	1	188,057	0	0
MCGRATH RENTCORP	COM	580589109	1,469,292	12,283	SH	SOLE	1	12,283	0	0
MCKESSON CORP	COM	58155Q103	15,647,798	33,798	SH	SOLE	1	33,798	0	0
MDC HOLDINGS INC	COM	552676108	1,803,250	32,638	SH	SOLE	1	32,638	0	0

MDU RESOURCES GROUP INC	COM	552690109	5,446,089	275,055	SH	SOLE	1	275,055	0	0
MEDIAALPHA INC CLASS A	CL A	58450V104	125,326	11,240	SH	SOLE	1	11,240	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	3,972,519	809,067	SH	SOLE	1	809,067	0	0
MEDIFAST INC	COM	58470H101	393,170	5,849	SH	SOLE	1	5,849	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	9,717,308	31,701	SH	SOLE	1	31,701	0	0
MEDTRONIC PLC	COM	G5960L103	27,841,062	337,959	SH	SOLE	1	337,959	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	113,780	16,208	SH	SOLE	1	16,208	0	0
MERCADOLIBRE INC	COM	58733R102	5,520,820	3,513	SH	SOLE	1	3,513	0	0
MERCANTILE BANK CORP	COM	587376104	315,004	7,801	SH	SOLE	1	7,801	0	0
MERCER INTERNATIONAL INC	COM	588056101	19,548	2,062	SH	SOLE	1	2,062	0	0
MERCHANTS BANCORP/IN	COM	58844R108	335,956	7,890	SH	SOLE	1	7,890	0	0
MERCK plus CO. INC.	COM	58933Y105	71,491,936	655,769	SH	SOLE	1	655,769	0	0
MERCURY GENERAL CORP	COM	589400100	543,980	14,580	SH	SOLE	1	14,580	0	0
MERCURY SYSTEMS INC	COM	589378108	105,687	2,890	SH	SOLE	1	2,890	0	0
MERIDIANLINK INC	COM	58985J105	323,422	13,057	SH	SOLE	1	13,057	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	2,353,621	30,985	SH	SOLE	1	30,985	0	0
MERITAGE HOMES CORP	COM	59001A102	3,456,999	19,845	SH	SOLE	1	19,845	0	0
MERRIMACK PHARMACEUTICALS IN	COM	590328209	69,786	5,204	SH	SOLE	1	5,204	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	127,851	55,108	SH	SOLE	1	55,108	0	0
MESA LABORATORIES INC	COM	59064R109	293,775	2,804	SH	SOLE	1	2,804	0	0
META PLATFORMS INC CLASS A	COM	30303M102	242,580,469	685,333	SH	SOLE	1	685,333	0	0
METHODE ELECTRONICS INC	COM	591520200	423,801	18,645	SH	SOLE	1	18,645	0	0
METLIFE INC	COM	59156R108	10,443,779	157,928	SH	SOLE	1	157,928	0	0
METROCITY BANKSHARES INC	COM	59165J105	218,222	9,085	SH	SOLE	1	9,085	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	284,764	5,142	SH	SOLE	1	5,142	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	7,249,862	5,977	SH	SOLE	1	5,977	0	0
MFA FINANCIAL INC	COM	55272X607	573,451	50,883	SH	SOLE	1	50,883	0	0
MGE ENERGY INC	COM	55277P104	1,312,499	18,151	SH	SOLE	1	18,151	0	0
MGIC INVESTMENT CORP	COM	552848103	7,225,397	374,567	SH	SOLE	1	374,567	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	3,304,220	73,953	SH	SOLE	1	73,953	0	0
MGP INGREDIENTS INC	COM	55303J106	849,439	8,622	SH	SOLE	1	8,622	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	17,765,370	196,999	SH	SOLE	1	196,999	0	0
MICRON TECHNOLOGY INC	COM	595112103	32,957,369	386,189	SH	SOLE	1	386,189	0	0
MICROSOFT CORP	COM	594918104	875,527,163	2,328,282	SH	SOLE	1	2,328,282	0	0
MICROSTRATEGY INC CL A	CL A	594972408	3,835,197	6,072	SH	SOLE	1	6,072	0	0
MICROVAST HOLDINGS INC	COM	59516C106	149,617	106,869	SH	SOLE	1	106,869	0	0
MICROVISION INC	COM	594960304	249,535	93,810	SH	SOLE	1	93,810	0	0

MID AMERICA APARTMENT COMM	COM	59522J103	4,113,535	30,593	SH	SOLE	1	30,593	0	0
MID PENN BANCORP INC	COM	59540G107	171,732	7,073	SH	SOLE	1	7,073	0	0
MIDDLEBY CORP	COM	596278101	10,655,255	72,401	SH	SOLE	1	72,401	0	0
MIDDLEFIELD BANC CORP	COM	596304204	126,437	3,906	SH	SOLE	1	3,906	0	0
MIDDLESEX WATER CO	COM	596680108	626,868	9,553	SH	SOLE	1	9,553	0	0
MIDLAND STATES BANCORP INC	COM	597742105	284,998	10,341	SH	SOLE	1	10,341	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	190,388	7,075	SH	SOLE	1	7,075	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	233,695	5,526	SH	SOLE	1	5,526	0	0
MILLERKNOLL INC	COM	600544100	1,071,309	40,154	SH	SOLE	1	40,154	0	0
MIMEDX GROUP INC	COM	602496101	503,091	57,365	SH	SOLE	1	57,365	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	1,263,328	17,716	SH	SOLE	1	17,716	0	0
MINERALYS THERAPEUTICS INC	COM	603170101	83,042	9,656	SH	SOLE	1	9,656	0	0
MINISO GROUP HOLDING LTD ADR	LTD SPONS ADS	66981J102	26,520	1,300	SH	SOLE	1	1,300	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	26,438	450	SH	SOLE	1	450	0	0
MIRION TECHNOLOGIES INC	CL A	60471A101	1,021,351	99,644	SH	SOLE	1	99,644	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	363,126	12,301	SH	SOLE	1	12,301	0	0
MISSION PRODUCE INC	COM	60510V108	243,169	24,100	SH	SOLE	1	24,100	0	0
MISTER CAR WASH INC	COM	60646V105	42,345	4,901	SH	SOLE	1	4,901	0	0
MISTRAS GROUP INC	COM	60649T107	75,784	10,353	SH	SOLE	1	10,353	0	0
MITEK SYSTEMS INC	COM	606710200	282,329	21,651	SH	SOLE	1	21,651	0	0
MKS INSTRUMENTS INC	COM	55306N104	8,738,395	84,946	SH	SOLE	1	84,946	0	0
MODEL N INC	COM	607525102	509,139	18,906	SH	SOLE	1	18,906	0	0
MODERNA INC	COM	60770K107	11,964,730	120,309	SH	SOLE	1	120,309	0	0
MODINE MANUFACTURING CO	COM	607828100	1,528,081	25,596	SH	SOLE	1	25,596	0	0
MODIVCARE INC	COM	60783X104	304,235	6,916	SH	SOLE	1	6,916	0	0
MOELIS plus CO CLASS A	COM	60786M105	2,040,887	36,360	SH	SOLE	1	36,360	0	0
MOHAWK INDUSTRIES INC	COM	608190104	1,434,510	13,860	SH	SOLE	1	13,860	0	0
MOLINA HEALTHCARE INC	COM	60855R100	6,913,306	19,134	SH	SOLE	1	19,134	0	0
MOLSON COORS BEVERAGE CO B	CL B	60871R209	2,966,849	48,470	SH	SOLE	1	48,470	0	0
MONARCH CASINO plus RESORT INC	COM	609027107	506,593	7,326	SH	SOLE	1	7,326	0	0
MONDAY.COM LTD	LTD SHS	M7S64H106	835,379	4,448	SH	SOLE	1	4,448	0	0
MONDEE HOLDINGS INC	CL A	465712107	62,288	22,568	SH	SOLE	1	22,568	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	32,372,661	446,951	SH	SOLE	1	446,951	0	0
MONGODB INC	COM	60937P106	2,489,897	6,090	SH	SOLE	1	6,090	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	8,656,194	13,723	SH	SOLE	1	13,723	0	0
MONRO INC	COM	610236101	497,988	16,973	SH	SOLE	1	16,973	0	0
MONSTER BEVERAGE CORP	COM	61174X109	23,582,135	409,341	SH	SOLE	1	409,341	0	0
MONTAUK	COM	61218C103	295,304	33,143	SH	SOLE	1	33,143	0	0

RENEWABLES INC

MONTE ROSA THERAPEUTICS INC	COM	61225M102	85,654	15,160	SH	SOLE	1	15,160	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	445,836	13,876	SH	SOLE	1	13,876	0	0
MOODY S CORP	COM	615369105	19,210,865	49,188	SH	SOLE	1	49,188	0	0
MOOG INC CLASS A	COM	615394202	2,239,167	15,466	SH	SOLE	1	15,466	0	0
MORGAN STANLEY	COM	617446448	35,667,659	382,495	SH	SOLE	1	382,495	0	0
MORNINGSTAR INC	COM	617700109	10,134,327	35,405	SH	SOLE	1	35,405	0	0
MORPHIC HOLDING INC	COM	61775R105	527,464	18,264	SH	SOLE	1	18,264	0	0
MOSAIC CO/THE	COM	61945C103	3,063,454	85,739	SH	SOLE	1	85,739	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	14,195,814	45,341	SH	SOLE	1	45,341	0	0
MOVADO GROUP INC	COM	624580106	251,933	8,356	SH	SOLE	1	8,356	0	0
MP MATERIALS CORP	CL A	553368101	3,855,327	194,223	SH	SOLE	1	194,223	0	0
MR COOPER GROUP INC	COM	62482R107	2,290,726	35,177	SH	SOLE	1	35,177	0	0
MRC GLOBAL INC	COM	55345K103	459,436	41,729	SH	SOLE	1	41,729	0	0
MSA SAFETY INC	COM	553498106	8,435,929	49,967	SH	SOLE	1	49,967	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	6,342,319	62,634	SH	SOLE	1	62,634	0	0
MSCI INC	COM	55354G100	12,810,276	22,647	SH	SOLE	1	22,647	0	0
MUELLER INDUSTRIES INC	COM	624756102	2,880,582	61,094	SH	SOLE	1	61,094	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	1,111,651	77,198	SH	SOLE	1	77,198	0	0
MULTIPLAN CORP	COM	62548M100	275,471	191,299	SH	SOLE	1	191,299	0	0
MURAL ONCOLOGY PLC	ORD SHS	G63365103	48,828	8,248	SH	SOLE	1	8,248	0	0
MURPHY OIL CORP	COM	626717102	11,558,684	270,949	SH	SOLE	1	270,949	0	0
MURPHY USA INC	COM	626755102	9,382,520	26,314	SH	SOLE	1	26,314	0	0
MVB FINANCIAL CORP	COM	553810102	127,306	5,643	SH	SOLE	1	5,643	0	0
MYERS INDUSTRIES INC	COM	628464109	389,201	19,908	SH	SOLE	1	19,908	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	1,296,174	8,962	SH	SOLE	1	8,962	0	0
MYRIAD GENETICS INC	COM	62855J104	848,285	44,320	SH	SOLE	1	44,320	0	0
N ABLE INC	COM	62878D100	504,123	38,047	SH	SOLE	1	38,047	0	0
N B T BANCORP INC	COM	628778102	1,047,750	25,000	SH	SOLE	1	25,000	0	0
NABORS INDUSTRIES LTD	COM	G6359F137	406,109	4,975	SH	SOLE	1	4,975	0	0
NACCO INDUSTRIES CL A	CL A	629579103	76,212	2,088	SH	SOLE	1	2,088	0	0
NANO X IMAGING LTD	LTD ORD SHS	M70700105	151,077	23,717	SH	SOLE	1	23,717	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	17,592	23,506	SH	SOLE	1	23,506	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	565,570	16,513	SH	SOLE	1	16,513	0	0
NASDAQ INC	COM	631103108	5,400,218	92,883	SH	SOLE	1	92,883	0	0
NATERA INC	COM	632307104	113,817	1,817	SH	SOLE	1	1,817	0	0
NATHAN S FAMOUS INC	COM	632347100	109,292	1,401	SH	SOLE	1	1,401	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	747,296	20,094	SH	SOLE	1	20,094	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	92,909	2,872	SH	SOLE	1	2,872	0	0
NATIONAL BEVERAGE CORP	COM	635017106	640,692	12,886	SH	SOLE	1	12,886	0	0
NATIONAL FUEL GAS CO	COM	636180101	6,221,180	124,002	SH	SOLE	1	124,002	0	0

NATIONAL HEALTHCARE CORP	COM	635906100	632,430	6,843	SH	SOLE	1	6,843	0	0
NATIONAL PRESTO INDS INC	COM	637215104	225,667	2,811	SH	SOLE	1	2,811	0	0
NATIONAL RESEARCH CORP	COM	637372202	283,250	7,160	SH	SOLE	1	7,160	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	4,329,219	104,394	SH	SOLE	1	104,394	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	885,360	42,301	SH	SOLE	1	42,301	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	546,779	1,132	SH	SOLE	1	1,132	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,159,781	20,766	SH	SOLE	1	20,766	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	74,256	4,641	SH	SOLE	1	4,641	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	113,353	6,556	SH	SOLE	1	6,556	0	0
NAUTILUS BIOTECHNOLOGY INC	COM	63909J108	75,031	25,094	SH	SOLE	1	25,094	0	0
NAVIENT CORP	COM	63938C108	870,783	46,766	SH	SOLE	1	46,766	0	0
NAVITAS SEMICONDUCTOR CORP	COM	63942X106	438,911	54,388	SH	SOLE	1	54,388	0	0
NCINO INC	COM	63947X101	21,086	627	SH	SOLE	1	627	0	0
NCR ATLEOS CORP	COM	63001N106	89,193	3,672	SH	SOLE	1	3,672	0	0
NCR VOYIX CORP	COM	62886E108	124,458	7,360	SH	SOLE	1	7,360	0	0
NELNET INC CL A	CL A	64031N108	566,020	6,416	SH	SOLE	1	6,416	0	0
NEOGEN CORP	COM	640491106	7,493,469	372,624	SH	SOLE	1	372,624	0	0
NEOGENOMICS INC	COM	64049M209	1,121,695	69,326	SH	SOLE	1	69,326	0	0
NERDWALLET INC CL A	CL A	64082B102	247,355	16,804	SH	SOLE	1	16,804	0	0
NERDY INC	CL A	64081V109	106,652	31,094	SH	SOLE	1	31,094	0	0
NET LEASE OFFICE PROPERTY	COM	64110Y108	2,144	116	SH	SOLE	1	116	0	0
NETAPP INC	COM	64110D104	12,795,542	145,140	SH	SOLE	1	145,140	0	0
NETFLIX INC	COM	64110L106	76,878,352	157,900	SH	SOLE	1	157,900	0	0
NETGEAR INC	COM	64111Q104	209,617	14,377	SH	SOLE	1	14,377	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	830,237	37,824	SH	SOLE	1	37,824	0	0
NETSTREIT CORP	COM	64119V303	614,076	34,402	SH	SOLE	1	34,402	0	0
NEUMORA THERAPEUTICS INC	COM	640979100	126,068	7,394	SH	SOLE	1	7,394	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	17,595,626	133,543	SH	SOLE	1	133,543	0	0
NEVRO CORP	COM	64157F103	379,936	17,655	SH	SOLE	1	17,655	0	0
NEW FORTRESS ENERGY INC	CL A	644393100	41,352	1,096	SH	SOLE	1	1,096	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	7,994,754	179,335	SH	SOLE	1	179,335	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	9,982,751	975,831	SH	SOLE	1	975,831	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604840	422,397	49,519	SH	SOLE	1	49,519	0	0
NEW YORK TIMES CO A	COM	650111107	10,826,986	221,004	SH	SOLE	1	221,004	0	0
NEWELL BRANDS INC	COM	651229106	182,454	21,020	SH	SOLE	1	21,020	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	748,305	68,276	SH	SOLE	1	68,276	0	0
NEWMARKET CORP	COM	651587107	5,087,681	9,321	SH	SOLE	1	9,321	0	0
NEWMONT CORP	COM	651639106	12,116,302	292,735	SH	SOLE	1	292,735	0	0
NEWPARK RESOURCES INC	COM	651718504	252,114	37,969	SH	SOLE	1	37,969	0	0

NEWS CORP CLASS A	COM	65249B109	2,450,041	99,798	SH	SOLE	1	99,798	0	0
NEWS CORP CLASS B	COM	65249B208	774,635	30,118	SH	SOLE	1	30,118	0	0
NEWTEKONE INC	COM	652526203	159,901	11,587	SH	SOLE	1	11,587	0	0
NEXPOINT DIVERSIFIED REAL ES	COM	65340G205	121,285	15,256	SH	SOLE	1	15,256	0	0
NEXPOINT REAL ESTATE FINANCE	COM	65342V101	63,173	4,011	SH	SOLE	1	4,011	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	423,386	12,297	SH	SOLE	1	12,297	0	0
NEXSTAR MEDIA GROUP INC	CL A	65336K103	6,842,294	43,651	SH	SOLE	1	43,651	0	0
NEXTDECADE CORP	COM	65342K105	185,200	38,826	SH	SOLE	1	38,826	0	0
NEXTDOOR HOLDINGS INC	CL A	65345M108	136,751	72,355	SH	SOLE	1	72,355	0	0
NEXTERA ENERGY INC	COM	65339F101	31,653,983	521,139	SH	SOLE	1	521,139	0	0
NEXTNAV INC	COM	65345N106	122,615	27,554	SH	SOLE	1	27,554	0	0
NEXTRACKER INC CL A	CL A	65290E101	1,156,211	24,679	SH	SOLE	1	24,679	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	18,609	21,664	SH	SOLE	1	21,664	0	0
NI HOLDINGS INC	COM	65342T106	53,324	4,105	SH	SOLE	1	4,105	0	0
NICOLET BANKSHARES INC	COM	65406E102	515,152	6,401	SH	SOLE	1	6,401	0	0
NIKE INC CL B	COM	654106103	34,437,970	317,196	SH	SOLE	1	317,196	0	0
NIKOLA CORP	COM	654110105	270,423	309,125	SH	SOLE	1	309,125	0	0
NIO INC ADR	ADR	62914V106	163,523	18,029	SH	SOLE	1	18,029	0	0
NIOCORP DEVELOPMENTS LTD	LTD COM	654484609	3,346	1,049	SH	SOLE	1	1,049	0	0
NISOURCE INC	COM	65473P105	2,877,170	108,368	SH	SOLE	1	108,368	0	0
NKARTA INC	COM	65487U108	99,198	15,030	SH	SOLE	1	15,030	0	0
NL INDUSTRIES	COM	629156407	23,411	4,173	SH	SOLE	1	4,173	0	0
NLIGHT INC	COM	65487K100	300,591	22,266	SH	SOLE	1	22,266	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,306,929	44,034	SH	SOLE	1	44,034	0	0
NNN REIT INC	COM	637417106	10,621,004	246,427	SH	SOLE	1	246,427	0	0
NOBLE CORP PLC	ORD SHS A	G65431127	2,697,971	56,021	SH	SOLE	1	56,021	0	0
NOODLES plus CO	COM	65540B105	62,865	19,957	SH	SOLE	1	19,957	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	428,698	102,071	SH	SOLE	1	102,071	0	0
NORDSON CORP	COM	655663102	3,758,468	14,228	SH	SOLE	1	14,228	0	0
NORDSTROM INC	COM	655664100	2,420,179	131,175	SH	SOLE	1	131,175	0	0
NORFOLK SOUTHERN CORP	COM	655844108	13,577,431	57,439	SH	SOLE	1	57,439	0	0
NORTHEAST BANK	COM	66405S100	184,445	3,342	SH	SOLE	1	3,342	0	0
NORTHEAST COMMUNITY BANCORP	COM	664121100	111,993	6,313	SH	SOLE	1	6,313	0	0
NORTHERN OIL AND GAS INC	COM	665531307	1,782,214	48,077	SH	SOLE	1	48,077	0	0
NORTHERN TRUST CORP	COM	665859104	4,579,556	54,273	SH	SOLE	1	54,273	0	0
NORTHFIELD BANCORP INC	COM	66611T108	274,169	21,794	SH	SOLE	1	21,794	0	0
NORTHRIM BANCORP INC	COM	666762109	153,094	2,676	SH	SOLE	1	2,676	0	0
NORTHROP GRUMMAN CORP	COM	666807102	16,854,444	36,003	SH	SOLE	1	36,003	0	0
NORTHWEST BANCSHARES INC	COM	667340103	865,550	69,355	SH	SOLE	1	69,355	0	0

NORTHWEST NATURAL HOLDING CO	COM	66765N105	762,874	19,591	SH	SOLE	1	19,591	0	0
NORTHWEST PIPE CO	COM	667746101	148,032	4,892	SH	SOLE	1	4,892	0	0
NORTHWESTERN ENERGY GROUP IN	COM	668074305	5,744,667	112,884	SH	SOLE	1	112,884	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	2,354,900	117,510	SH	SOLE	1	117,510	0	0
NORWOOD FINANCIAL CORP	COM	669549107	119,101	3,619	SH	SOLE	1	3,619	0	0
NOV INC	COM	62955J103	10,790,805	532,091	SH	SOLE	1	532,091	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	449,757	120,256	SH	SOLE	1	120,256	0	0
NOVANTA INC	COM	67000B104	11,096,030	65,887	SH	SOLE	1	65,887	0	0
NOVAVAX INC	COM	670002401	227,232	47,340	SH	SOLE	1	47,340	0	0
NOVOCURE LTD	COM	G6674U108	26,501	1,775	SH	SOLE	1	1,775	0	0
NRG ENERGY INC	COM	629377508	3,061,467	59,216	SH	SOLE	1	59,216	0	0
NRG ENERGY INC	COM NEW	629377508	1,758	34	SH	SOLE	2	34	0	0
NU HOLDINGS LTD/CAYMAN ISL A	CL A	G6683N103	276,206	33,158	SH	SOLE	1	33,158	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	526,534	27,113	SH	SOLE	1	27,113	0	0
NUCOR CORP	COM	670346105	12,619,292	72,508	SH	SOLE	1	72,508	0	0
NURIX THERAPEUTICS INC	COM	67080M103	244,182	23,661	SH	SOLE	1	23,661	0	0
NUSCALE POWER CORP	CL A	67079K100	88,804	26,992	SH	SOLE	1	26,992	0	0
NUTANIX INC A	COM	67059N108	119,750	2,511	SH	SOLE	1	2,511	0	0
NUVALENT INC A	COM	670703107	972,050	13,209	SH	SOLE	1	13,209	0	0
NUVATION BIO INC	CL A	67080N101	109,341	72,411	SH	SOLE	1	72,411	0	0
NUVECTIS PHARMA INC	COM	67080T108	30,816	3,695	SH	SOLE	1	3,695	0	0
NV5 GLOBAL INC	COM	62945V109	834,733	7,512	SH	SOLE	1	7,512	0	0
NVE CORP	COM	629445206	185,958	2,371	SH	SOLE	1	2,371	0	0
NVENT ELECTRIC PLC	COM	G6700G107	13,241,951	224,098	SH	SOLE	1	224,098	0	0
NVIDIA CORP	COM	67066G104	383,206,683	773,811	SH	SOLE	1	773,811	0	0
NVR INC	COM	62944T105	6,083,391	869	SH	SOLE	1	869	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	20,886,640	90,938	SH	SOLE	1	90,938	0	0
O I GLASS INC	COM	67098H104	1,385,076	84,559	SH	SOLE	1	84,559	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	21,953,499	23,107	SH	SOLE	1	23,107	0	0
OAK VALLEY BANCORP	COM	671807105	100,243	3,347	SH	SOLE	1	3,347	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	11,565,409	193,693	SH	SOLE	1	193,693	0	0
OCEAN BIOMEDICAL INC	COM	67644C104	2,847	4,314	SH	SOLE	1	4,314	0	0
OCEANEERING INTL INC	COM	675232102	1,164,293	54,713	SH	SOLE	1	54,713	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	503,006	28,975	SH	SOLE	1	28,975	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	177,196	39,730	SH	SOLE	1	39,730	0	0
OCWEN FINANCIAL CORP	COM	675746606	98,247	3,194	SH	SOLE	1	3,194	0	0
ODP CORP/THE	COM	88337F105	997,186	17,712	SH	SOLE	1	17,712	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	175,226	23,938	SH	SOLE	1	23,938	0	0
OFG BANCORP	COM	67103X102	943,222	25,166	SH	SOLE	1	25,166	0	0
OGE ENERGY CORP	COM	670837103	9,449,927	270,539	SH	SOLE	1	270,539	0	0
OIL DRI CORP OF AMERICA	COM	677864100	163,675	2,440	SH	SOLE	1	2,440	0	0

OIL STATES INTERNATIONAL INC	COM	678026105	233,298	34,359	SH	SOLE	1	34,359	0	0
OKTA INC	COM	679295105	121,582	1,343	SH	SOLE	1	1,343	0	0
OLAPLEX HOLDINGS INC	COM	679369108	2,720	1,071	SH	SOLE	1	1,071	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	15,104,622	37,265	SH	SOLE	1	37,265	0	0
OLD NATIONAL BANCORP	COM	680033107	9,097,275	538,619	SH	SOLE	1	538,619	0	0
OLD REPUBLIC INTL CORP	COM	680223104	10,355,209	352,218	SH	SOLE	1	352,218	0	0
OLD SECOND BANCORP INC	COM	680277100	333,226	21,582	SH	SOLE	1	21,582	0	0
OLEMA PHARMACEUTICALS INC	COM	68062P106	187,230	13,345	SH	SOLE	1	13,345	0	0
OLIN CORP	COM	680665205	8,930,613	165,535	SH	SOLE	1	165,535	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	6,338,333	83,520	SH	SOLE	1	83,520	0	0
OLO INC CLASS A	CL A	68134L109	294,168	51,428	SH	SOLE	1	51,428	0	0
OLYMPIC STEEL INC	COM	68162K106	357,645	5,362	SH	SOLE	1	5,362	0	0
OMEGA FLEX INC	COM	682095104	114,720	1,627	SH	SOLE	1	1,627	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	10,146,252	330,928	SH	SOLE	1	330,928	0	0
OMEGA THERAPEUTICS INC	COM	68217N105	36,463	12,114	SH	SOLE	1	12,114	0	0
OMEROS CORP	COM	682143102	98,950	30,260	SH	SOLE	1	30,260	0	0
OMNIAB INC	COM	68218J103	285,967	46,348	SH	SOLE	1	46,348	0	0
OMNICELL INC	COM	68213N109	921,333	24,484	SH	SOLE	1	24,484	0	0
OMNICOM GROUP	COM	681919106	4,489,696	51,898	SH	SOLE	1	51,898	0	0
ON SEMICONDUCTOR	COM	682189105	12,428,262	148,788	SH	SOLE	1	148,788	0	0
ON24 INC	COM	68339B104	121,659	15,439	SH	SOLE	1	15,439	0	0
ONE GAS INC	COM	68235P108	6,493,641	101,909	SH	SOLE	1	101,909	0	0
ONE GROUP HOSPITALITY INC/TH	COM	88338K103	66,806	10,916	SH	SOLE	1	10,916	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	177,055	8,081	SH	SOLE	1	8,081	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	45,362	922	SH	SOLE	1	922	0	0
ONEOK INC	COM	682680103	11,049,398	157,354	SH	SOLE	1	157,354	0	0
ONESPAN INC	COM	68287N100	213,607	19,926	SH	SOLE	1	19,926	0	0
ONESPAWORLD HOLDINGS LTD	COM	P73684113	585,009	41,490	SH	SOLE	1	41,490	0	0
ONEWATER MARINE INC CL A	CL A	68280L101	193,887	5,738	SH	SOLE	1	5,738	0	0
ONTO INNOVATION INC	COM	683344105	13,799,990	90,255	SH	SOLE	1	90,255	0	0
OOMA INC	COM	683416101	128,653	11,990	SH	SOLE	1	11,990	0	0
OPEN LENDING CORP	CL A	68373J104	421,151	49,489	SH	SOLE	1	49,489	0	0
OPENDOOR TECHNOLOGIES INC	COM	683712103	1,238,057	276,352	SH	SOLE	1	276,352	0	0
OPENLANE INC	COM	48238T109	870,280	58,763	SH	SOLE	1	58,763	0	0
OPKO HEALTH INC	COM	68375N103	302,749	200,496	SH	SOLE	1	200,496	0	0
OPPEI INC	CL A	68386H103	27,382	5,348	SH	SOLE	1	5,348	0	0
OPTIMIZERX CORP	COM	68401U204	115,009	8,037	SH	SOLE	1	8,037	0	0
OPTINOSE INC	COM	68404V100	46,753	36,243	SH	SOLE	1	36,243	0	0
OPTION CARE HEALTH INC	COM	68404L201	10,820,184	321,169	SH	SOLE	1	321,169	0	0
ORACLE CORP	COM	68389X105	44,551,661	422,571	SH	SOLE	1	422,571	0	0

ORANGE COUNTY BANCORP INC	COM	68417L107	152,949	2,539	SH	SOLE	1	2,539	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	321,735	39,236	SH	SOLE	1	39,236	0	0
ORCHESTRA BIOMED HOLDINGS IN	COM	68572M106	66,129	7,243	SH	SOLE	1	7,243	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X301	220,630	26,172	SH	SOLE	1	26,172	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	142,802	34,915	SH	SOLE	1	34,915	0	0
ORGANON plus CO	COM	68622V106	203,351	14,102	SH	SOLE	1	14,102	0	0
ORIC PHARMACEUTICALS INC	COM	68622P109	178,489	19,401	SH	SOLE	1	19,401	0	0
ORIGIN BANCORP INC	COM	68621T102	516,334	14,516	SH	SOLE	1	14,516	0	0
ORIGIN MATERIALS INC	COM	68622D106	48,585	58,102	SH	SOLE	1	58,102	0	0
ORION OFFICE REIT INC	COM	68629Y103	162,585	28,424	SH	SOLE	1	28,424	0	0
ORION SA	COM	L72967109	763,823	27,545	SH	SOLE	1	27,545	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	7,481,913	98,719	SH	SOLE	1	98,719	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	150,155	5,090	SH	SOLE	1	5,090	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	235,657	17,482	SH	SOLE	1	17,482	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	256,471	7,889	SH	SOLE	1	7,889	0	0
OSCAR HEALTH INC CLASS A	CL A	687793109	717,378	78,402	SH	SOLE	1	78,402	0	0
OSHKOSH CORP	COM	688239201	9,578,782	88,357	SH	SOLE	1	88,357	0	0
OSI SYSTEMS INC	COM	671044105	1,128,155	8,742	SH	SOLE	1	8,742	0	0
OTIS WORLDWIDE CORP	COM	68902V107	9,794,728	109,475	SH	SOLE	1	109,475	0	0
OTTER TAIL CORP	COM	689648103	1,911,485	22,496	SH	SOLE	1	22,496	0	0
OUTBRAIN INC	COM	69002R103	89,374	20,405	SH	SOLE	1	20,405	0	0
OUTFRONT MEDIA INC	COM	69007J106	1,119,927	80,224	SH	SOLE	1	80,224	0	0
OUTLOOK THERAPEUTICS INC	COM	69012T206	30,801	78,175	SH	SOLE	1	78,175	0	0
OUTSET MEDICAL INC	COM	690145107	134,455	24,853	SH	SOLE	1	24,853	0	0
OVERSEAS SHIPHOLDING GROUP A	CL A	69036R863	161,868	30,715	SH	SOLE	1	30,715	0	0
OVID THERAPEUTICS INC	COM	690469101	95,438	29,639	SH	SOLE	1	29,639	0	0
OVINTIV INC	COM	69047Q102	15,101,365	343,838	SH	SOLE	1	343,838	0	0
OWENS plus MINOR INC	COM	690732102	780,801	40,519	SH	SOLE	1	40,519	0	0
OWENS CORNING	COM	690742101	17,794,567	120,047	SH	SOLE	1	120,047	0	0
OXFORD INDUSTRIES INC	COM	691497309	813,700	8,137	SH	SOLE	1	8,137	0	0
P G plus E CORP	COM	69331C108	10,072,928	558,676	SH	SOLE	1	558,676	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	63,878	3,074	SH	SOLE	1	3,074	0	0
P10 INC A	CL A	69376K106	222,070	21,729	SH	SOLE	1	21,729	0	0
P3 HEALTH PARTNERS INC	CL A	744413105	28,592	20,278	SH	SOLE	1	20,278	0	0
PACCAR INC	COM	693718108	17,381,309	177,996	SH	SOLE	1	177,996	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	1,229,173	125,298	SH	SOLE	1	125,298	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,505,074	51,703	SH	SOLE	1	51,703	0	0
PACIRA BIOSCIENCES INC	COM	695127100	837,562	24,824	SH	SOLE	1	24,824	0	0
PACKAGING CORP OF	COM	695156109	3,827,408	23,494	SH	SOLE	1	23,494	0	0

AMERICA										
PACTIV EVERGREEN INC	COM	69526K105	272,939	19,908	SH	SOLE	1	19,908	0	0
PAGERDUTY INC	COM	69553P100	1,043,417	45,072	SH	SOLE	1	45,072	0	0
PAGSEGURO DIGITAL LTD CL A	CL A	G68707101	1,231,550	98,761	SH	SOLE	1	98,761	0	0
PALANTIR TECHNOLOGIES INC A	CL A	69608A108	553,561	32,240	SH	SOLE	1	32,240	0	0
PALO ALTO NETWORKS INC	COM	697435105	33,657,603	114,140	SH	SOLE	1	114,140	0	0
PALOMAR HOLDINGS INC	COM	69753M105	737,540	13,289	SH	SOLE	1	13,289	0	0
PANGAEA LOGISTICS SOLUTIONS	L SHS	G6891L105	149,210	18,108	SH	SOLE	1	18,108	0	0
PAPA JOHN S INTL INC	COM	698813102	1,363,755	17,890	SH	SOLE	1	17,890	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	1,094,701	30,099	SH	SOLE	1	30,099	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	576,861	13,249	SH	SOLE	1	13,249	0	0
PARAGON 28 INC	COM	69913P105	271,347	21,830	SH	SOLE	1	21,830	0	0
PARAMOUNT GLOBAL CLASS A	CL A	92556H107	1,475	75	SH	SOLE	1	75	0	0
PARAMOUNT GLOBAL CLASS B	CL B	92556H206	1,882,590	127,288	SH	SOLE	1	127,288	0	0
PARAMOUNT GROUP INC	COM	69924R108	475,723	92,016	SH	SOLE	1	92,016	0	0
PARK AEROSPACE CORP	COM	70014A104	135,960	9,249	SH	SOLE	1	9,249	0	0
PARK HOTELS plus RESORTS INC	COM	700517105	4,340,151	283,670	SH	SOLE	1	283,670	0	0
PARK NATIONAL CORP	COM	700658107	1,036,574	7,802	SH	SOLE	1	7,802	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	114,742	4,256	SH	SOLE	1	4,256	0	0
PARKE BANCORP INC	COM	700885106	105,280	5,199	SH	SOLE	1	5,199	0	0
PARKER HANNIFIN CORP	COM	701094104	16,070,598	34,883	SH	SOLE	1	34,883	0	0
PARSONS CORP	COM	70202L102	1,287,248	20,527	SH	SOLE	1	20,527	0	0
PATHWARD FINANCIAL INC	COM	59100U108	751,712	14,202	SH	SOLE	1	14,202	0	0
PATRIA INVESTMENTS LTD A	CL A	G69451105	419,390	27,040	SH	SOLE	1	27,040	0	0
PATRICK INDUSTRIES INC	COM	703343103	1,163,859	11,598	SH	SOLE	1	11,598	0	0
PATTERSON COS INC	COM	703395103	4,465,654	156,965	SH	SOLE	1	156,965	0	0
PATTERSON UTI ENERGY INC	COM	703481101	2,062,530	190,975	SH	SOLE	1	190,975	0	0
PAYCHEX INC	COM	704326107	17,445,208	146,463	SH	SOLE	1	146,463	0	0
PAYCOM SOFTWARE INC	COM	70432V102	3,375,117	16,327	SH	SOLE	1	16,327	0	0
PAYCOR HCM INC	COM	70435P102	16,948	785	SH	SOLE	1	785	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	9,690,707	58,785	SH	SOLE	1	58,785	0	0
PAYONEER GLOBAL INC	COM	70451X104	750,339	144,019	SH	SOLE	1	144,019	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	23,530,961	383,178	SH	SOLE	1	383,178	0	0
PAYSAFE LTD	LTD SHS	G6964L206	206,431	16,140	SH	SOLE	1	16,140	0	0
PAYSIGN INC	COM	70451A104	45,444	16,230	SH	SOLE	1	16,230	0	0
PBF ENERGY INC CLASS A	COM	69318G106	8,858,907	201,522	SH	SOLE	1	201,522	0	0
PC CONNECTION INC	COM	69318J100	418,248	6,223	SH	SOLE	1	6,223	0	0
PCB BANCORP	COM	69320M109	99,927	5,422	SH	SOLE	1	5,422	0	0
PDD HOLDINGS INC	ADR	722304102	7,786,472	53,219	SH	SOLE	1	53,219	0	0

PDF SOLUTIONS INC	COM	693282105	535,742	16,669	SH	SOLE	1	16,669	0	0
PDS BIOTECHNOLOGY CORP	COM	70465T107	69,078	13,899	SH	SOLE	1	13,899	0	0
PEABODY ENERGY CORP	COM	704551100	1,383,370	56,882	SH	SOLE	1	56,882	0	0
PEAKSTONE REALTY TRUST	COM	39818P799	358,640	17,995	SH	SOLE	1	17,995	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	250,190	8,390	SH	SOLE	1	8,390	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	1,035,536	64,802	SH	SOLE	1	64,802	0	0
PEDIATRIX MEDICAL GROUP INC	COM	58502B106	425,326	45,734	SH	SOLE	1	45,734	0	0
PEGASYSYSTEMS INC	COM	705573103	34,642	709	SH	SOLE	1	709	0	0
PELTON INTERACTIVE INC A	CL A	70614W100	34,591	5,680	SH	SOLE	1	5,680	0	0
PENN ENTERTAINMENT INC	COM	707569109	5,333,423	204,974	SH	SOLE	1	204,974	0	0
PENNANT GROUP INC/THE	COM	70805E109	197,330	14,176	SH	SOLE	1	14,176	0	0
PENNS WOODS BANCORP INC	COM	708430103	76,714	3,408	SH	SOLE	1	3,408	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	1,121,504	12,691	SH	SOLE	1	12,691	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	707,299	47,311	SH	SOLE	1	47,311	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	4,226,228	26,330	SH	SOLE	1	26,330	0	0
PENTAIR PLC	COM	G7S00T104	3,251,591	44,720	SH	SOLE	1	44,720	0	0
PENUMBRA INC	COM	70975L107	13,188,494	52,431	SH	SOLE	1	52,431	0	0
PEOPLES BANCORP INC	COM	709789101	586,006	17,358	SH	SOLE	1	17,358	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	166,164	3,412	SH	SOLE	1	3,412	0	0
PEPGEN INC	COM	713317105	33,973	4,996	SH	SOLE	1	4,996	0	0
PEPSICO INC	COM	713448108	76,542,812	450,676	SH	SOLE	1	450,676	0	0
PERDOCEO EDUCATION CORP	COM	71363P106	624,662	35,573	SH	SOLE	1	35,573	0	0
PERELLA WEINBERG PARTNERS	CL A	71367G102	255,742	20,911	SH	SOLE	1	20,911	0	0
PERFICIENT INC	COM	71375U101	1,231,097	18,704	SH	SOLE	1	18,704	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	14,575,990	210,788	SH	SOLE	1	210,788	0	0
PERFORMANT FINANCIAL CORP	COM	71377E105	104,541	33,453	SH	SOLE	1	33,453	0	0
PERIMETER SOLUTIONS SA	COM	L7579L106	349,135	75,899	SH	SOLE	1	75,899	0	0
PERMIAN RESOURCES CORP	CL A	71424F105	10,231,090	752,286	SH	SOLE	1	752,286	0	0
PERPETUA RESOURCES CORP	COM	714266103	59,517	18,775	SH	SOLE	1	18,775	0	0
PERRIGO CO PLC	COM	G97822103	5,890,002	183,033	SH	SOLE	1	183,033	0	0
PETCO HEALTH AND WELLNESS CO	COM	71601V105	2,130	674	SH	SOLE	1	674	0	0
PETIQ INC	COM	71639T106	268,343	13,587	SH	SOLE	1	13,587	0	0
PETMED EXPRESS INC	COM	716382106	77,225	10,215	SH	SOLE	1	10,215	0	0
PFIZER INC	COM	717081103	41,290,647	1,434,201	SH	SOLE	1	1,434,201	0	0
PGT INNOVATIONS INC	COM	69336V101	1,257,386	30,894	SH	SOLE	1	30,894	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	145,514	15,938	SH	SOLE	1	15,938	0	0
PHIBRO ANIMAL	COM	71742Q106	128,804	11,123	SH	SOLE	1	11,123	0	0

HEALTH CORP A										
PHILIP MORRIS INTERNATIONAL	COM	718172109	37,743,297	401,183	SH	SOLE	1	401,183	0	0
PHILLIPS 66	COM	718546104	15,366,087	115,413	SH	SOLE	1	115,413	0	0
PHILLIPS EDISON plus COMPANY IN	COM	71844V201	2,345,810	64,304	SH	SOLE	1	64,304	0	0
PHINIA INC	COM	71880K101	78,027	2,576	SH	SOLE	1	2,576	0	0
PHOTRONICS INC	COM	719405102	1,044,715	33,303	SH	SOLE	1	33,303	0	0
PHREESIA INC	COM	71944F106	609,817	26,342	SH	SOLE	1	26,342	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	5,837,460	438,577	SH	SOLE	1	438,577	0	0
PIEDMONT LITHIUM INC	COM	72016P105	251,783	8,919	SH	SOLE	1	8,919	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	436,739	61,426	SH	SOLE	1	61,426	0	0
PILGRIM S PRIDE CORP	COM	72147K108	1,504,206	54,382	SH	SOLE	1	54,382	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	9,043,842	103,690	SH	SOLE	1	103,690	0	0
PINNACLE WEST CAPITAL	COM	723484101	2,136,162	29,735	SH	SOLE	1	29,735	0	0
PINTEREST INC CLASS A	CL A	72352L106	366,881	9,905	SH	SOLE	1	9,905	0	0
PIONEER BANCORP INC/NY	COM	723561106	58,058	5,800	SH	SOLE	1	5,800	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	14,615,176	64,991	SH	SOLE	1	64,991	0	0
PIPER SANDLER COS	COM	724078100	1,632,586	9,336	SH	SOLE	1	9,336	0	0
PITNEY BOWES INC	COM	724479100	415,677	94,472	SH	SOLE	1	94,472	0	0
PJT PARTNERS INC A	COM	69343T107	1,308,928	12,849	SH	SOLE	1	12,849	0	0
PLANET FITNESS INC CL A	CL A	72703H101	8,450,553	115,761	SH	SOLE	1	115,761	0	0
PLANET LABS PBC	CL A	72703X106	215,206	87,128	SH	SOLE	1	87,128	0	0
PLAYAGS INC	COM	72814N104	154,783	18,361	SH	SOLE	1	18,361	0	0
PLAYSTUDIOS INC	CL A	72815G108	115,267	42,534	SH	SOLE	1	42,534	0	0
PLAYTIKA HOLDING CORP	COM	72815L107	3,165	363	SH	SOLE	1	363	0	0
PLEXUS CORP	COM	729132100	1,615,787	14,943	SH	SOLE	1	14,943	0	0
PLIANT THERAPEUTICS INC	COM	729139105	514,451	28,407	SH	SOLE	1	28,407	0	0
PLUG POWER INC	COM	72919P202	19,454	4,323	SH	SOLE	1	4,323	0	0
PLUMAS BANCORP	COM	729273102	112,431	2,719	SH	SOLE	1	2,719	0	0
PLYMOUTH INDUSTRIAL REIT INC	COM	729640102	528,673	21,964	SH	SOLE	1	21,964	0	0
PMV PHARMACEUTICALS INC	COM	69353Y103	59,424	19,169	SH	SOLE	1	19,169	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	18,854,226	121,758	SH	SOLE	1	121,758	0	0
PNM RESOURCES INC	COM	69349H107	6,568,099	157,887	SH	SOLE	1	157,887	0	0
POLARIS INC	COM	731068102	6,800,032	71,753	SH	SOLE	1	71,753	0	0
PONCE FINANCIAL GROUP INC	COM	732344106	94,418	9,674	SH	SOLE	1	9,674	0	0
POOL CORP	COM	73278L105	4,613,075	11,570	SH	SOLE	1	11,570	0	0
POPULAR INC	COM	733174700	47,436	578	SH	SOLE	1	578	0	0
PORTILLO S INC CL A	CL A	73642K106	359,014	22,537	SH	SOLE	1	22,537	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	8,075,846	186,337	SH	SOLE	1	186,337	0	0
POSEIDA THERAPEUTICS INC	COM	73730P108	113,508	33,782	SH	SOLE	1	33,782	0	0
POST HOLDINGS INC	COM	737446104	6,044,350	68,639	SH	SOLE	1	68,639	0	0

POSTAL REALTY TRUST INC A	CL A	73757R102	147,769	10,149	SH	SOLE	1	10,149	0	0
POTBELLY CORP	COM	73754Y100	135,189	12,974	SH	SOLE	1	12,974	0	0
POTLATCHDELTIC CORP	COM	737630103	7,164,132	145,909	SH	SOLE	1	145,909	0	0
POWELL INDUSTRIES INC	COM	739128106	440,939	4,988	SH	SOLE	1	4,988	0	0
POWER INTEGRATIONS INC	COM	739276103	8,588,049	104,592	SH	SOLE	1	104,592	0	0
POWERSCHOOL HOLDINGS INC A	CL A	73939C106	656,735	27,875	SH	SOLE	1	27,875	0	0
PPG INDUSTRIES INC	COM	693506107	9,492,537	63,474	SH	SOLE	1	63,474	0	0
PPL CORP	COM	69351T106	5,238,484	193,302	SH	SOLE	1	193,302	0	0
PRA GROUP INC	COM	69354N106	551,562	21,052	SH	SOLE	1	21,052	0	0
PRECIGEN INC	COM	74017N105	89,994	67,160	SH	SOLE	1	67,160	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	513,030	7,023	SH	SOLE	1	7,023	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	165,451	1,236	SH	SOLE	1	1,236	0	0
PRELUDE THERAPEUTICS INC	COM	74065P101	31,585	7,397	SH	SOLE	1	7,397	0	0
PREMIER FINANCIAL CORP	COM	74052F108	423,823	17,586	SH	SOLE	1	17,586	0	0
PREMIER INC CLASS A	COM	74051N102	147,442	6,594	SH	SOLE	1	6,594	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	1,659,429	27,106	SH	SOLE	1	27,106	0	0
PRESTO AUTOMATION INC	COM	74113T105	974	1,833	SH	SOLE	1	1,833	0	0
PRICESMART INC	COM	741511109	1,037,580	13,692	SH	SOLE	1	13,692	0	0
PRIME MEDICINE INC	COM	74168J101	174,214	19,663	SH	SOLE	1	19,663	0	0
PRIMEENERGY RESOURCES CORP	COM	74158E104	38,392	361	SH	SOLE	1	361	0	0
PRIMERICA INC	COM	74164M108	9,779,361	47,528	SH	SOLE	1	47,528	0	0
PRIMIS FINANCIAL CORP	COM	74167B109	127,537	10,074	SH	SOLE	1	10,074	0	0
PRIMO WATER CORP	COM	74167P108	1,171,492	77,840	SH	SOLE	1	77,840	0	0
PRIMORIS SERVICES CORP	COM	74164F103	877,076	26,410	SH	SOLE	1	26,410	0	0
PRINCETON BANCORP INC	COM	74179A107	90,719	2,527	SH	SOLE	1	2,527	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	4,539,338	57,701	SH	SOLE	1	57,701	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	31,253	8,779	SH	SOLE	1	8,779	0	0
PRIVIA HEALTH GROUP INC	COM	74276R102	1,400,362	60,806	SH	SOLE	1	60,806	0	0
PROASSURANCE CORP	COM	74267C106	390,422	28,312	SH	SOLE	1	28,312	0	0
PROCEPT BIOROBOTICS CORP	COM	74276L105	840,715	20,060	SH	SOLE	1	20,060	0	0
PROCORE TECHNOLOGIES INC	COM	74275K108	93,170	1,346	SH	SOLE	1	1,346	0	0
PROCTER plus GAMBLE CO/THE	COM	742718109	89,337,525	609,646	SH	SOLE	1	609,646	0	0
PROFRAC HOLDING CORP A	CL A	74319N100	109,485	12,911	SH	SOLE	1	12,911	0	0
PROG HOLDINGS INC	COM	74319R101	746,013	24,135	SH	SOLE	1	24,135	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,286,584	23,694	SH	SOLE	1	23,694	0	0
PROGRESSIVE CORP	COM	743315103	28,323,966	177,825	SH	SOLE	1	177,825	0	0
PROGYNY INC	COM	74340E103	5,630,762	151,446	SH	SOLE	1	151,446	0	0
PROKIDNEY CORP	CL A ORD	G7S53R104	39,813	22,367	SH	SOLE	1	22,367	0	0

	SHS									
PROLOGIS INC	COM	74340W103	36,567,256	274,323	SH	SOLE	1	274,323	0	0
PROPETRO HOLDING CORP	COM	74347M108	435,802	52,005	SH	SOLE	1	52,005	0	0
PROS HOLDINGS INC	COM	74346Y103	862,302	22,230	SH	SOLE	1	22,230	0	0
PROSPERITY BANCSHARES INC	COM	743606105	8,570,080	126,533	SH	SOLE	1	126,533	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	650,983	28,390	SH	SOLE	1	28,390	0	0
PROTALIX BIOTHERAPEUTICS INC	COM	74365A309	58,696	32,975	SH	SOLE	1	32,975	0	0
PROTHENA CORP PLC	COM	G72800108	762,159	20,973	SH	SOLE	1	20,973	0	0
PROTO LABS INC	COM	743713109	558,102	14,325	SH	SOLE	1	14,325	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	722,426	40,068	SH	SOLE	1	40,068	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	9,819,470	94,682	SH	SOLE	1	94,682	0	0
PTC INC	COM	69370C100	5,686,200	32,500	SH	SOLE	1	32,500	0	0
PTC THERAPEUTICS INC	COM	69366J200	987,061	35,815	SH	SOLE	1	35,815	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	7,990,042	130,663	SH	SOLE	1	130,663	0	0
PUBLIC STORAGE	COM	74460D109	13,797,590	45,238	SH	SOLE	1	45,238	0	0
PUBMATIC INC CLASS A	CL A	74467Q103	346,848	21,266	SH	SOLE	1	21,266	0	0
PULMONX CORP	COM	745848101	232,471	18,233	SH	SOLE	1	18,233	0	0
PULSE BIOSCIENCES INC	COM	74587B101	98,263	8,028	SH	SOLE	1	8,028	0	0
PULTEGROUP INC	COM	745867101	6,100,508	59,102	SH	SOLE	1	59,102	0	0
PURE CYCLE CORP	COM	746228303	101,810	9,724	SH	SOLE	1	9,724	0	0
PURE STORAGE INC CLASS A	COM	74624M102	152,589	4,279	SH	SOLE	1	4,279	0	0
PURECYCLE TECHNOLOGIES INC	COM	74623V103	233,916	57,757	SH	SOLE	1	57,757	0	0
PURPLE INNOVATION INC	COM	74640Y106	28,071	27,253	SH	SOLE	1	27,253	0	0
PVH CORP	COM	693656100	9,967,068	81,617	SH	SOLE	1	81,617	0	0
Q2 HOLDINGS INC	COM	74736L109	1,229,111	28,314	SH	SOLE	1	28,314	0	0
QCR HOLDINGS INC	COM	74727A104	478,740	8,199	SH	SOLE	1	8,199	0	0
QIAGEN N.V.	COM	N72482123	82,300	1,895	SH	SOLE	1	1,895	0	0
QIFU TECHNOLOGY INC	ADR	88557W101	16,374	1,035	SH	SOLE	1	1,035	0	0
QORVO INC	COM	74736K101	2,875,046	25,531	SH	SOLE	1	25,531	0	0
QUAD GRAPHICS INC	CL A	747301109	82,520	15,225	SH	SOLE	1	15,225	0	0
QUAKER CHEMICAL CORPORATION	COM	747316107	1,613,242	7,559	SH	SOLE	1	7,559	0	0
QUALCOMM INC	COM	747525103	58,098,739	401,706	SH	SOLE	1	401,706	0	0
QUALYS INC	COM	74758T303	13,325,253	67,889	SH	SOLE	1	67,889	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	549,221	17,966	SH	SOLE	1	17,966	0	0
QUANTA SERVICES INC	COM	74762E102	8,548,270	39,612	SH	SOLE	1	39,612	0	0
QUANTERIX CORP	COM	74766Q101	478,805	17,513	SH	SOLE	1	17,513	0	0
QUANTUM SI INC	CL A	74765K105	101,652	50,573	SH	SOLE	1	50,573	0	0
QUANTUMSCAPE CORP	CL A	74767V109	19,328	2,781	SH	SOLE	1	2,781	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	4,064,565	29,479	SH	SOLE	1	29,479	0	0
QUIDELORTHO CORP	COM	219798105	4,924,855	66,823	SH	SOLE	1	66,823	0	0
QUINSTREET INC	COM	74874Q100	368,101	28,713	SH	SOLE	1	28,713	0	0
QUIPT HOME MEDICAL CORP	COM	74880P104	103,714	20,376	SH	SOLE	1	20,376	0	0

QURATE RETAIL GROUP INC B	COM SER B	74915M209	4,323	661	SH	SOLE	1	661	0	0
RI RCM INC	COM	77634L105	2,807,593	265,619	SH	SOLE	1	265,619	0	0
RACKSPACE TECHNOLOGY INC	COM	750102105	62,898	31,449	SH	SOLE	1	31,449	0	0
RADIAN GROUP INC	COM	750236101	2,440,169	85,470	SH	SOLE	1	85,470	0	0
RADIANT LOGISTICS INC	COM	75025X100	120,396	18,132	SH	SOLE	1	18,132	0	0
RADNET INC	COM	750491102	1,139,934	32,785	SH	SOLE	1	32,785	0	0
RAIN ONCOLOGY INC	COM	75082Q105	10,541	8,784	SH	SOLE	1	8,784	0	0
RALLYBIO CORP	COM	75120L100	36,321	15,197	SH	SOLE	1	15,197	0	0
RALPH LAUREN CORP	COM	751212101	1,541,065	10,687	SH	SOLE	1	10,687	0	0
RAMACO RESOURCES INC A	CL A	75134P600	190,389	11,082	SH	SOLE	1	11,082	0	0
RAMACO RESOURCES INC B	CL B	75134P501	29,841	2,242	SH	SOLE	1	2,242	0	0
RAMBUS INC	COM	750917106	13,552,880	198,577	SH	SOLE	1	198,577	0	0
RANGE RESOURCES CORP	COM	75281A109	9,920,031	325,888	SH	SOLE	1	325,888	0	0
RANGER ENERGY SERVICES INC	CL A	75282U104	74,730	7,305	SH	SOLE	1	7,305	0	0
RANPAK HOLDINGS CORP	CL A	75321W103	125,450	21,555	SH	SOLE	1	21,555	0	0
RAPID7 INC	COM	753422104	1,722,079	30,159	SH	SOLE	1	30,159	0	0
RAPT THERAPEUTICS INC	COM	75382E109	364,823	14,681	SH	SOLE	1	14,681	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	5,809,039	52,099	SH	SOLE	1	52,099	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	128,397	31,703	SH	SOLE	1	31,703	0	0
RAYONIER INC	COM	754907103	6,159,802	184,370	SH	SOLE	1	184,370	0	0
RAYZEBIO INC	COM	75525N107	620,892	9,987	SH	SOLE	1	9,987	0	0
RB GLOBAL INC	COM	74935Q107	180,737	2,702	SH	SOLE	1	2,702	0	0
RBB BANCORP	COM	74930B105	158,775	8,339	SH	SOLE	1	8,339	0	0
RBC BEARINGS INC	COM	75524B104	11,190,479	39,280	SH	SOLE	1	39,280	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	288,165	4,349	SH	SOLE	1	4,349	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	115,838	8,690	SH	SOLE	1	8,690	0	0
READY CAPITAL CORP	COM	75574U101	892,816	87,104	SH	SOLE	1	87,104	0	0
REALTY INCOME CORP	COM	756109104	10,900,441	189,837	SH	SOLE	1	189,837	0	0
RECURSION PHARMACEUTICALS A	CL A	75629V104	668,873	67,837	SH	SOLE	1	67,837	0	0
RED RIVER BANCSHARES INC	COM	75686R202	134,383	2,395	SH	SOLE	1	2,395	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	98,388	7,890	SH	SOLE	1	7,890	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,262,801	23,679	SH	SOLE	1	23,679	0	0
RED VIOLET INC	COM	75704L104	110,594	5,538	SH	SOLE	1	5,538	0	0
REDFIN CORP	COM	75737F108	561,243	54,384	SH	SOLE	1	54,384	0	0
REDWIRE CORP	COM	75776W103	11,141	3,909	SH	SOLE	1	3,909	0	0
REDWOOD TRUST INC	COM	758075402	461,065	62,222	SH	SOLE	1	62,222	0	0
REGAL REXNORD CORP	COM	758750103	13,265,700	89,621	SH	SOLE	1	89,621	0	0
REGENCY CENTERS CORP	COM	758849103	2,895,338	43,214	SH	SOLE	1	43,214	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	34,643,271	39,444	SH	SOLE	1	39,444	0	0
REGENXBIO INC	COM	75901B107	400,752	22,326	SH	SOLE	1	22,326	0	0

REGIONAL MANAGEMENT CORP	COM	75902K106	100,420	4,004	SH	SOLE	1	4,004	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	4,727,305	243,927	SH	SOLE	1	243,927	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	14,403,112	89,029	SH	SOLE	1	89,029	0	0
RELAY THERAPEUTICS INC	COM	75943R102	494,085	44,876	SH	SOLE	1	44,876	0	0
RELIANCE STEEL plus ALUMINUM	COM	759509102	21,712,397	77,633	SH	SOLE	1	77,633	0	0
REMITLY GLOBAL INC	COM	75960P104	1,285,623	66,201	SH	SOLE	1	66,201	0	0
RENAISSANCERE HLDGS LTD	COM	G7496G103	259,218,036	1,322,541	SH	SOLE	2	1,322,541	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	13,916,980	71,005	SH	SOLE	1	71,005	0	0
RENASANT CORP	COM	75970E107	1,013,600	30,095	SH	SOLE	1	30,095	0	0
RENEO PHARMACEUTICALS INC	COM	75974E103	10,320	6,450	SH	SOLE	1	6,450	0	0
RENT THE RUNWAY INC A	CL A	76010Y103	13,099	24,833	SH	SOLE	1	24,833	0	0
REPAY HOLDINGS CORP	CL A	76029L100	352,224	41,244	SH	SOLE	1	41,244	0	0
REPLIGEN CORP	COM	759916109	12,654,324	70,380	SH	SOLE	1	70,380	0	0
REPLIMUNE GROUP INC	COM	76029N106	207,184	24,577	SH	SOLE	1	24,577	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	233,327	4,230	SH	SOLE	1	4,230	0	0
REPUBLIC SERVICES INC	COM	760759100	10,869,713	65,913	SH	SOLE	1	65,913	0	0
RESERVOIR MEDIA INC	COM	76119X105	70,352	9,867	SH	SOLE	1	9,867	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	1,500,086	79,707	SH	SOLE	1	79,707	0	0
RESMED INC	COM	761152107	7,607,240	44,223	SH	SOLE	1	44,223	0	0
RESOURCES CONNECTION INC	COM	76122Q105	249,831	17,631	SH	SOLE	1	17,631	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	942,058	67,146	SH	SOLE	1	67,146	0	0
REV GROUP INC	COM	749527107	286,032	15,742	SH	SOLE	1	15,742	0	0
REVANCE THERAPEUTICS INC	COM	761330109	382,339	43,497	SH	SOLE	1	43,497	0	0
REVOLUTION MEDICINES INC	COM	76155X100	2,050,448	71,494	SH	SOLE	1	71,494	0	0
REVOLVE GROUP INC	CL A	76156B107	338,331	20,406	SH	SOLE	1	20,406	0	0
REVVITY INC	COM	714046109	3,537,927	32,366	SH	SOLE	1	32,366	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	398,597	8,427	SH	SOLE	1	8,427	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	15,996,298	285,139	SH	SOLE	1	285,139	0	0
REYNOLDS CONSUMER PRODUCTS I	COM	76171L106	11,971	446	SH	SOLE	1	446	0	0
RGC RESOURCES INC	COM	74955L103	80,974	3,981	SH	SOLE	1	3,981	0	0
RH	COM	74967X103	6,091,932	20,900	SH	SOLE	1	20,900	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	1,173,936	25,537	SH	SOLE	1	25,537	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	128,050	44,155	SH	SOLE	1	44,155	0	0
RICHARDSON ELEC LTD	COM	763165107	80,340	6,018	SH	SOLE	1	6,018	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	123,338	85,061	SH	SOLE	1	85,061	0	0
RILEY EXPLORATION PERMIAN IN	COM	76665T102	119,774	4,397	SH	SOLE	1	4,397	0	0

RIMINI STREET INC	COM	76674Q107	84,987	25,990	SH	SOLE	1	25,990	0	0
RING ENERGY INC	COM	76680V108	87,044	59,619	SH	SOLE	1	59,619	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	48,990	1,443	SH	SOLE	1	1,443	0	0
RIOT PLATFORMS INC	COM	767292105	1,463,493	94,602	SH	SOLE	1	94,602	0	0
RITHM CAPITAL CORP	COM	64828T201	42,303	3,961	SH	SOLE	1	3,961	0	0
RIVIAN AUTOMOTIVE INC A	CL A	76954A103	127,927	5,453	SH	SOLE	1	5,453	0	0
RLI CORP	COM	749607107	7,230,147	54,313	SH	SOLE	1	54,313	0	0
RLJ LODGING TRUST	COM	74965L101	903,272	77,071	SH	SOLE	1	77,071	0	0
RMR GROUP INC/THE A	COM	74967R106	216,101	7,655	SH	SOLE	1	7,655	0	0
ROBERT HALF INC	COM	770323103	2,439,428	27,746	SH	SOLE	1	27,746	0	0
ROBINHOOD MARKETS INC A	CL A	770700102	70,427	5,528	SH	SOLE	1	5,528	0	0
ROBLOX CORP CLASS A	CL A	771049103	359,222	7,857	SH	SOLE	1	7,857	0	0
ROCKET COS INC CLASS A	CL A	77311W101	19,345	1,336	SH	SOLE	1	1,336	0	0
ROCKET LAB USA INC	COM	773122106	766,640	138,633	SH	SOLE	1	138,633	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	934,584	31,184	SH	SOLE	1	31,184	0	0
ROCKWELL AUTOMATION INC	COM	773903109	9,851,530	31,730	SH	SOLE	1	31,730	0	0
ROCKY BRANDS INC	COM	774515100	104,664	3,468	SH	SOLE	1	3,468	0	0
ROGERS CORP	COM	775133101	1,241,458	9,400	SH	SOLE	1	9,400	0	0
ROIVANT SCIENCES LTD	SHS	G76279101	65,729	5,853	SH	SOLE	1	5,853	0	0
ROKU INC	COM	77543R102	105,134	1,147	SH	SOLE	1	1,147	0	0
ROLLINS INC	COM	775711104	3,365,778	77,073	SH	SOLE	1	77,073	0	0
ROPER TECHNOLOGIES INC	COM	776696106	20,436,788	37,487	SH	SOLE	1	37,487	0	0
ROSS STORES INC	COM	778296103	17,219,037	124,424	SH	SOLE	1	124,424	0	0
ROVER GROUP INC	CL A	77936F103	494,420	45,443	SH	SOLE	1	45,443	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	8,447,151	65,234	SH	SOLE	1	65,234	0	0
ROYAL GOLD INC	COM	780287108	10,733,265	88,734	SH	SOLE	1	88,734	0	0
ROYALTY PHARMA PLC CL A	CL A	G7709Q104	85,787	3,054	SH	SOLE	1	3,054	0	0
RPC INC	COM	749660106	336,984	46,289	SH	SOLE	1	46,289	0	0
RPM INTERNATIONAL INC	COM	749685103	19,447,620	174,215	SH	SOLE	1	174,215	0	0
RPT REALTY	COM	74971D101	590,142	45,997	SH	SOLE	1	45,997	0	0
RTX CORP	COM	75513E101	30,730,536	365,231	SH	SOLE	1	365,231	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	240,105	4,532	SH	SOLE	1	4,532	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	1,687,012	33,539	SH	SOLE	1	33,539	0	0
RUSH STREET INTERACTIVE INC	COM	782011100	144,295	32,137	SH	SOLE	1	32,137	0	0
RXO INC	COM	74982T103	1,472,358	63,300	SH	SOLE	1	63,300	0	0
RXSIGHT INC	COM	78349D107	569,802	14,132	SH	SOLE	1	14,132	0	0
RYAN SPECIALTY HOLDINGS INC	CL A	78351F107	69,004	1,604	SH	SOLE	1	1,604	0	0
RYDER SYSTEM INC	COM	783549108	6,888,067	59,865	SH	SOLE	1	59,865	0	0
RYERSON HOLDING CORP	COM	783754104	485,173	13,990	SH	SOLE	1	13,990	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	3,195,152	29,031	SH	SOLE	1	29,031	0	0
S plus T BANCORP INC	COM	783859101	693,966	20,765	SH	SOLE	1	20,765	0	0

SplusP GLOBAL INC	COM	78409V104	45,141,846	102,474	SH	SOLE	1	102,474	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	6,072,912	425,572	SH	SOLE	1	425,572	0	0
SABRE CORP	COM	78573M104	803,158	182,536	SH	SOLE	1	182,536	0	0
SAFE BULKERS INC	COM	Y7388L103	129,572	32,970	SH	SOLE	1	32,970	0	0
SAFEHOLD INC	COM	78646V107	615,467	26,302	SH	SOLE	1	26,302	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	595,610	7,838	SH	SOLE	1	7,838	0	0
SAGE THERAPEUTICS INC	COM	78667J108	569,466	26,279	SH	SOLE	1	26,279	0	0
SAGIMET BIOSCIENCES INC A	COM SER A	786700104	14,959	2,760	SH	SOLE	1	2,760	0	0
SAIA INC	COM	78709Y105	15,725,525	35,885	SH	SOLE	1	35,885	0	0
SALESFORCE INC	COM	79466L302	76,778,726	291,779	SH	SOLE	1	291,779	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	776,030	58,436	SH	SOLE	1	58,436	0	0
SANA BIOTECHNOLOGY INC	COM	799566104	194,592	47,694	SH	SOLE	1	47,694	0	0
SANARA MEDTECH INC	COM	79957L100	78,789	1,917	SH	SOLE	1	1,917	0	0
SANDRIDGE ENERGY INC	COM	80007P869	216,929	15,869	SH	SOLE	1	15,869	0	0
SANDY SPRING BANCORP INC	COM	800363103	594,077	21,809	SH	SOLE	1	21,809	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	40,232	74,051	SH	SOLE	1	74,051	0	0
SANMINA CORP	COM	801056102	1,582,658	30,809	SH	SOLE	1	30,809	0	0
SAPIENS INTERNATIONAL CORP	V SHS	G7T16G103	442,261	15,282	SH	SOLE	1	15,282	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	145,899	1,513	SH	SOLE	1	1,513	0	0
SAUL CENTERS INC	COM	804395101	251,446	6,403	SH	SOLE	1	6,403	0	0
SAVARA INC	COM	805111101	211,044	44,903	SH	SOLE	1	44,903	0	0
SAVERS VALUE VILLAGE INC	COM	80517M109	223,959	12,886	SH	SOLE	1	12,886	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	7,331,134	28,898	SH	SOLE	1	28,898	0	0
SCANSOURCE INC	COM	806037107	533,507	13,469	SH	SOLE	1	13,469	0	0
SCHLUMBERGER LTD	COM	806857108	20,837,961	400,422	SH	SOLE	1	400,422	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	11,274	443	SH	SOLE	1	443	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	388,099	12,868	SH	SOLE	1	12,868	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	518,372	27,573	SH	SOLE	1	27,573	0	0
SCHOLASTIC CORP	COM	807066105	550,043	14,590	SH	SOLE	1	14,590	0	0
SCHRODINGER INC	COM	80810D103	1,061,756	29,658	SH	SOLE	1	29,658	0	0
SCHWAB (CHARLES) CORP	COM	808513105	29,033,187	421,994	SH	SOLE	1	421,994	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	8,889,004	71,501	SH	SOLE	1	71,501	0	0
SCILEX HOLDING CO	COM	80880W106	62,767	30,768	SH	SOLE	1	30,768	0	0
SCORPIO TANKERS INC	COM	Y7542C130	1,444,365	23,756	SH	SOLE	1	23,756	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	3,601,110	56,488	SH	SOLE	1	56,488	0	0
SCPHARMACEUTICALS INC	COM	810648105	90,006	14,355	SH	SOLE	1	14,355	0	0
SEA LTD ADR	SPONS ADS	81141R100	2,721,114	67,188	SH	SOLE	1	67,188	0	0
SEABOARD CORP	COM	811543107	7,140	2	SH	SOLE	1	2	0	0

SEACOAST BANKING CORP/FL	COM	811707801	1,306,314	45,900	SH	SOLE	1	45,900	0	0
SEACOR MARINE HOLDINGS INC	COM	78413P101	150,740	11,973	SH	SOLE	1	11,973	0	0
SEADRILL LIMITED	COM	G7997W102	1,188,336	25,134	SH	SOLE	1	25,134	0	0
SEAGATE TECHNOLOGY HOLDINGS	ORD SHS	G7997R103	8,144,383	95,401	SH	SOLE	1	95,401	0	0
SEALED AIR CORP	COM	81211K100	316,081	8,655	SH	SOLE	1	8,655	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	955,695	18,090	SH	SOLE	1	18,090	0	0
SECURITY NATL FINL CORP CL A	CL A	814785309	56,457	6,273	SH	SOLE	1	6,273	0	0
SEER INC	CL A	81578P106	56,539	29,144	SH	SOLE	1	29,144	0	0
SEI INVESTMENTS COMPANY	COM	784117103	8,584,970	135,090	SH	SOLE	1	135,090	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,330,782	56,629	SH	SOLE	1	56,629	0	0
SELECT WATER SOLUTIONS INC	COM	81617J301	301,437	39,715	SH	SOLE	1	39,715	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	11,071,726	111,296	SH	SOLE	1	111,296	0	0
SELECTQUOTE INC	COM	816307300	92,918	67,823	SH	SOLE	1	67,823	0	0
SEMLER SCIENTIFIC INC	COM	81684M104	101,247	2,286	SH	SOLE	1	2,286	0	0
SEMPRA	COM	816851109	16,874,333	225,804	SH	SOLE	1	225,804	0	0
SEMRUSH HOLDINGS INC A	CL A	81686C104	212,795	15,578	SH	SOLE	1	15,578	0	0
SEMTECH CORP	COM	816850101	762,819	34,816	SH	SOLE	1	34,816	0	0
SENECA FOODS CORP CL A	CL A	817070501	136,711	2,607	SH	SOLE	1	2,607	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	7,680,848	204,441	SH	SOLE	1	204,441	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	1,512,852	22,922	SH	SOLE	1	22,922	0	0
SENTINELONE INC CLASS A	CL A	81730H109	60,203	2,194	SH	SOLE	1	2,194	0	0
SERES THERAPEUTICS INC	COM	81750R102	67,693	48,352	SH	SOLE	1	48,352	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	13,691,848	200,027	SH	SOLE	1	200,027	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	766,994	89,812	SH	SOLE	1	89,812	0	0
SERVICENOW INC	COM	81762P102	44,628,973	63,170	SH	SOLE	1	63,170	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,841,920	27,644	SH	SOLE	1	27,644	0	0
SES AI CORP	CL A	78397Q109	113,583	62,067	SH	SOLE	1	62,067	0	0
SFL CORP LTD	SHS	G7738W106	645,938	57,264	SH	SOLE	1	57,264	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,522,870	20,546	SH	SOLE	1	20,546	0	0
SHARECARE INC	CL A	81948W104	165,553	153,290	SH	SOLE	1	153,290	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	573,384	26,521	SH	SOLE	1	26,521	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	21,397,900	68,605	SH	SOLE	1	68,605	0	0
SHIFT4 PAYMENTS INC CLASS A	CL A	82452J109	67,426	907	SH	SOLE	1	907	0	0
SHOALS TECHNOLOGIES GROUP A	CL A	82489W107	1,325,407	85,290	SH	SOLE	1	85,290	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	9,556,393	50,149	SH	SOLE	1	50,149	0	0
SHOE CARNIVAL INC	COM	824889109	299,139	9,902	SH	SOLE	1	9,902	0	0

SHORE BANCSHARES INC	COM	825107105	211,114	14,815	SH	SOLE	1	14,815	0	0
SHUTTERSTOCK INC	COM	825690100	646,566	13,392	SH	SOLE	1	13,392	0	0
SHYFT GROUP INC/THE	COM	825698103	205,455	16,813	SH	SOLE	1	16,813	0	0
SI BONE INC	COM	825704109	415,035	19,773	SH	SOLE	1	19,773	0	0
SIERRA BANCORP	COM	82620P102	151,085	6,700	SH	SOLE	1	6,700	0	0
SIGA TECHNOLOGIES INC	COM	826917106	128,257	22,903	SH	SOLE	1	22,903	0	0
SIGHT SCIENCES INC	COM	82657M105	55,429	10,742	SH	SOLE	1	10,742	0	0
SIGNET JEWELERS LTD	COM	G81276100	2,604,166	24,279	SH	SOLE	1	24,279	0	0
SILGAN HOLDINGS INC	COM	827048109	4,948,088	109,350	SH	SOLE	1	109,350	0	0
SILICON LABORATORIES INC	COM	826919102	7,732,636	58,461	SH	SOLE	1	58,461	0	0
SILK ROAD MEDICAL INC	COM	82710M100	234,357	19,100	SH	SOLE	1	19,100	0	0
SILVERBOW RESOURCES INC	COM	82836G102	304,962	10,487	SH	SOLE	1	10,487	0	0
SILVERCREST ASSET MANAGEME A	CL A	828359109	79,798	4,694	SH	SOLE	1	4,694	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,341,720	67,627	SH	SOLE	1	67,627	0	0
SIMON PROPERTY GROUP INC	COM	828806109	12,494,408	87,594	SH	SOLE	1	87,594	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,956,715	49,412	SH	SOLE	1	49,412	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	15,569,741	78,643	SH	SOLE	1	78,643	0	0
SIMULATIONS PLUS INC	COM	829214105	386,327	8,633	SH	SOLE	1	8,633	0	0
SINCLAIR INC	CL A	829242106	212,702	16,324	SH	SOLE	1	16,324	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,488,174	272,061	SH	SOLE	1	272,061	0	0
SIRIUSPOINT LTD	COM	G8192H106	452,377	38,998	SH	SOLE	1	38,998	0	0
SITE CENTERS CORP	COM	82981J109	1,407,556	103,269	SH	SOLE	1	103,269	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	79,625	490	SH	SOLE	1	490	0	0
SITIME CORP	COM	82982T106	1,154,388	9,456	SH	SOLE	1	9,456	0	0
SITIO ROYALTIES CORP A	CL A	82983N108	961,230	40,886	SH	SOLE	1	40,886	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	985,669	39,301	SH	SOLE	1	39,301	0	0
SJW GROUP	COM	784305104	1,126,830	17,243	SH	SOLE	1	17,243	0	0
SKECHERS USA INC CL A	CL A	830566105	11,254,677	180,537	SH	SOLE	1	180,537	0	0
SKILLSOFT CORP	CL A	83066P309	38,184	2,172	SH	SOLE	1	2,172	0	0
SKYLINE CHAMPION CORP	COM	830830105	1,979,252	26,653	SH	SOLE	1	26,653	0	0
SKYWARD SPECIALTY INSURANCE	COM	830940102	402,020	11,866	SH	SOLE	1	11,866	0	0
SKYWATER TECHNOLOGY INC	COM	83089J108	87,773	9,124	SH	SOLE	1	9,124	0	0
SKYWEST INC	COM	830879102	1,152,002	22,069	SH	SOLE	1	22,069	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	4,698,369	41,793	SH	SOLE	1	41,793	0	0
SKYX PLATFORMS CORP	COM	78471E105	49,853	31,158	SH	SOLE	1	31,158	0	0
SL GREEN REALTY CORP	COM	78440X887	1,592,514	35,256	SH	SOLE	1	35,256	0	0
SLEEP NUMBER CORP	COM	83125X103	157,584	10,626	SH	SOLE	1	10,626	0	0
SLM CORP	COM	78442P106	5,858,349	306,399	SH	SOLE	1	306,399	0	0

SM ENERGY CO	COM	78454L100	2,488,263	64,263	SH	SOLE	1	64,263	0	0
SMART GLOBAL HOLDINGS INC	SHS	G8232Y101	501,096	26,471	SH	SOLE	1	26,471	0	0
SMARTFINANCIAL INC	COM	83190L208	193,006	7,881	SH	SOLE	1	7,881	0	0
SMARTRENT INC	CL A	83193G107	292,271	91,621	SH	SOLE	1	91,621	0	0
SMARTSHEET INC CLASS A	COM	83200N103	103,482	2,164	SH	SOLE	1	2,164	0	0
SMITH (A.O.) CORP	COM	831865209	2,739,564	33,231	SH	SOLE	1	33,231	0	0
SMITH plus WESSON BRANDS INC	COM	831754106	308,382	22,742	SH	SOLE	1	22,742	0	0
SNAP ON INC	COM	833034101	4,078,132	14,119	SH	SOLE	1	14,119	0	0
SNAP ONE HOLDINGS CORP	COM	83303Y105	81,010	9,092	SH	SOLE	1	9,092	0	0
SOFI TECHNOLOGIES INC	COM	83406F102	76,336	7,672	SH	SOLE	1	7,672	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	249,725	2,668	SH	SOLE	1	2,668	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	115,691	14,534	SH	SOLE	1	14,534	0	0
SOLARWINDS CORP	COM	83417Q204	316,384	25,331	SH	SOLE	1	25,331	0	0
SOLID POWER INC	COM	83422N105	111,714	77,044	SH	SOLE	1	77,044	0	0
SOLO BRANDS INC CLASS A	CL A	83425V104	60,910	9,888	SH	SOLE	1	9,888	0	0
SOMALOGIC INC	COM	83444K105	190,071	75,127	SH	SOLE	1	75,127	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	449,118	7,990	SH	SOLE	1	7,990	0	0
SONOCO PRODUCTS CO	COM	835495102	7,392,439	132,315	SH	SOLE	1	132,315	0	0
SONOS INC	COM	83570H108	1,186,139	69,203	SH	SOLE	1	69,203	0	0
SOTERA HEALTH CO	COM	83601L102	2,261,506	134,214	SH	SOLE	1	134,214	0	0
SOUNDHOUND AI INC A	COM	836100107	145,477	68,621	SH	SOLE	1	68,621	0	0
SOUNDTHINKING INC	COM	82536T107	120,881	4,733	SH	SOLE	1	4,733	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	168,547	5,820	SH	SOLE	1	5,820	0	0
SOUTHERN CO/THE	COM	842587107	19,424,572	277,019	SH	SOLE	1	277,019	0	0
SOUTHERN COPPER CORP	COM	84265V105	88,824	1,032	SH	SOLE	1	1,032	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	141,537	3,815	SH	SOLE	1	3,815	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	251,894	4,718	SH	SOLE	1	4,718	0	0
SOUTHERN STATES BANCSHARES	COM	843878307	110,591	3,777	SH	SOLE	1	3,777	0	0
SOUTHLAND HOLDINGS INC	COM	84445C100	10,387	2,013	SH	SOLE	1	2,013	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	489,626	15,633	SH	SOLE	1	15,633	0	0
SOUTHSTATE CORP	COM	840441109	11,822,662	139,996	SH	SOLE	1	139,996	0	0
SOUTHWEST AIRLINES CO	COM	844741108	4,514,031	156,303	SH	SOLE	1	156,303	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	7,056,366	111,387	SH	SOLE	1	111,387	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	9,745,005	1,487,787	SH	SOLE	1	1,487,787	0	0
SOVOS BRANDS INC	COM	84612U107	605,517	27,486	SH	SOLE	1	27,486	0	0
SP PLUS CORP	COM	78469C103	498,714	9,731	SH	SOLE	1	9,731	0	0
SPARTANNASH CO	COM	847215100	431,253	18,791	SH	SOLE	1	18,791	0	0
SPDR PORTFOLIO SplusP 500 GROWTH	PRTFLO S&P500 GW	78464A409	18,765,061	288,427	SH	SOLE	1	288,427	0	0
SPDR SplusP MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	11,416,050	22,500	SH	SOLE	1	22,500	0	0

SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	22,894	287	SH	SOLE	1	287	0	0
SPHERE ENTERTAINMENT CO	CL A	55826T102	449,393	13,233	SH	SOLE	1	13,233	0	0
SPIRE INC	COM	84857L101	6,001,035	96,263	SH	SOLE	1	96,263	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	30,286	953	SH	SOLE	1	953	0	0
SPIRIT AIRLINES INC	COM	848577102	894,386	54,569	SH	SOLE	1	54,569	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	8,340,508	190,902	SH	SOLE	1	190,902	0	0
SPLUNK INC	COM	848637104	2,184,851	14,341	SH	SOLE	1	14,341	0	0
SPOK HOLDINGS INC	COM	84863T106	136,781	8,836	SH	SOLE	1	8,836	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	79,338	18,624	SH	SOLE	1	18,624	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	445,910	2,373	SH	SOLE	1	2,373	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	1,217,531	33,357	SH	SOLE	1	33,357	0	0
SPRINKLR INC A	CL A	85208T107	632,365	52,522	SH	SOLE	1	52,522	0	0
SPROUT SOCIAL INC CLASS A	CL A	85209W109	1,459,876	23,761	SH	SOLE	1	23,761	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	8,998,158	187,033	SH	SOLE	1	187,033	0	0
SPS COMMERCE INC	COM	78463M107	3,872,729	19,979	SH	SOLE	1	19,979	0	0
SPX TECHNOLOGIES INC	COM	78473E103	2,434,543	24,102	SH	SOLE	1	24,102	0	0
SQUARESPACE INC CLASS A	CL A	85225A107	828,815	25,108	SH	SOLE	1	25,108	0	0
SSplusC TECHNOLOGIES HOLDINGS	COM	78467J100	109,204	1,787	SH	SOLE	1	1,787	0	0
SSR MINING INC	COM	784730103	17,991	1,672	SH	SOLE	1	1,672	0	0
ST JOE CO/THE	COM	790148100	1,131,504	18,802	SH	SOLE	1	18,802	0	0
STAAR SURGICAL CO	COM	852312305	825,848	26,461	SH	SOLE	1	26,461	0	0
STAG INDUSTRIAL INC	COM	85254J102	9,628,986	245,262	SH	SOLE	1	245,262	0	0
STAGWELL INC	CL A	85256A109	264,550	39,902	SH	SOLE	1	39,902	0	0
STANDARD MOTOR PRODS	COM	853666105	441,851	11,099	SH	SOLE	1	11,099	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	1,017,750	6,426	SH	SOLE	1	6,426	0	0
STANLEY BLACK plus DECKER INC	COM	854502101	3,943,718	40,201	SH	SOLE	1	40,201	0	0
STAR HOLDINGS	SHS BEN INT	85512G106	96,486	6,441	SH	SOLE	1	6,441	0	0
STARBUCKS CORP	COM	855244109	36,222,077	377,274	SH	SOLE	1	377,274	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	8,448,316	401,918	SH	SOLE	1	401,918	0	0
STATE STREET CORP	COM	857477103	6,267,676	80,915	SH	SOLE	1	80,915	0	0
STEEL DYNAMICS INC	COM	858119100	4,849,658	41,064	SH	SOLE	1	41,064	0	0
STEELCASE INC CL A	CL A	858155203	623,015	46,081	SH	SOLE	1	46,081	0	0
STELLAR BANCORP INC	COM	858927106	735,366	26,414	SH	SOLE	1	26,414	0	0
STEM INC	COM	85859N102	274,754	70,813	SH	SOLE	1	70,813	0	0
STEPAN CO	COM	858586100	1,096,307	11,595	SH	SOLE	1	11,595	0	0
STEPSTONE GROUP INC CLASS A	CL A	85914M107	853,999	26,830	SH	SOLE	1	26,830	0	0
STERICYCLE INC	COM	858912108	6,193,711	124,974	SH	SOLE	1	124,974	0	0
STERIS PLC	COM	G8473T100	5,842,294	26,574	SH	SOLE	1	26,574	0	0
STERLING BANCORP INC/MI	COM	85917W102	62,408	10,816	SH	SOLE	1	10,816	0	0
STERLING CHECK CORP	COM	85917T109	217,180	15,602	SH	SOLE	1	15,602	0	0

STERLING INFRASTRUCTURE INC	COM	859241101	1,309,717	14,895	SH	SOLE	1	14,895	0	0
STEVEN MADDEN LTD	COM	556269108	1,711,038	40,739	SH	SOLE	1	40,739	0	0
STEWART INFORMATION SERVICES	COM	860372101	857,691	14,599	SH	SOLE	1	14,599	0	0
STIFEL FINANCIAL CORP	COM	860630102	9,525,482	137,751	SH	SOLE	1	137,751	0	0
STITCH FIX INC CLASS A	COM	860897107	151,907	42,551	SH	SOLE	1	42,551	0	0
STOCK YARDS BANCORP INC	COM	861025104	695,115	13,500	SH	SOLE	1	13,500	0	0
STOKE THERAPEUTICS INC	COM	86150R107	72,120	13,711	SH	SOLE	1	13,711	0	0
STONECO LTD A	CL A	G85158106	2,610,329	144,777	SH	SOLE	1	144,777	0	0
STONERIDGE INC	COM	86183P102	257,482	13,157	SH	SOLE	1	13,157	0	0
STONEX GROUP INC	COM	861896108	1,077,032	14,588	SH	SOLE	1	14,588	0	0
STRATEGIC EDUCATION INC	COM	86272C103	1,135,043	12,288	SH	SOLE	1	12,288	0	0
STRATUS PROPERTIES INC	COM	863167201	80,866	2,802	SH	SOLE	1	2,802	0	0
STRIDE INC	COM	86333M108	1,363,254	22,962	SH	SOLE	1	22,962	0	0
STRYKER CORP	COM	863667101	30,779,697	102,784	SH	SOLE	1	102,784	0	0
STURM RUGER plus CO INC	COM	864159108	433,093	9,529	SH	SOLE	1	9,529	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	170,575	5,558	SH	SOLE	1	5,558	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	384,216	57,175	SH	SOLE	1	57,175	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	2,285,409	59,423	SH	SOLE	1	59,423	0	0
SUMMIT THERAPEUTICS INC	COM	86627T108	150,331	57,598	SH	SOLE	1	57,598	0	0
SUN COMMUNITIES INC	COM	866674104	166,127	1,243	SH	SOLE	1	1,243	0	0
SUN COUNTRY AIRLINES HOLDING	COM	866683105	323,723	20,580	SH	SOLE	1	20,580	0	0
SUNCOKE ENERGY INC	COM	86722A103	488,649	45,498	SH	SOLE	1	45,498	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	806,161	52,863	SH	SOLE	1	52,863	0	0
SUNOPTA INC	COM	8676EP108	254,886	46,597	SH	SOLE	1	46,597	0	0
SUNPOWER CORP	COM	867652406	229,179	47,449	SH	SOLE	1	47,449	0	0
SUNRUN INC	COM	86771W105	5,757,754	293,314	SH	SOLE	1	293,314	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,215,473	113,278	SH	SOLE	1	113,278	0	0
SUPER GROUP SGHC LTD	LTD ORD SHS	G8588X103	215,027	67,832	SH	SOLE	1	67,832	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	24,259,601	85,343	SH	SOLE	1	85,343	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	781,322	26,998	SH	SOLE	1	26,998	0	0
SURGERY PARTNERS INC	COM	86881A100	1,202,600	37,593	SH	SOLE	1	37,593	0	0
SURMODICS INC	COM	868873100	248,816	6,845	SH	SOLE	1	6,845	0	0
SUTRO BIOPHARMA INC	COM	869367102	128,254	29,896	SH	SOLE	1	29,896	0	0
SWEETGREEN INC CLASS A	CL A	87043Q108	542,897	48,044	SH	SOLE	1	48,044	0	0
SWK HOLDINGS CORP	COM	78501P203	32,115	1,832	SH	SOLE	1	1,832	0	0
SYLVAMO CORP	COM	871332102	956,172	19,470	SH	SOLE	1	19,470	0	0
SYNAPTICS INC	COM	87157D109	8,243,535	72,261	SH	SOLE	1	72,261	0	0

SYNCHRONY FINANCIAL	COM	87165B103	4,143,424	108,495	SH	SOLE	1	108,495	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	717,906	33,221	SH	SOLE	1	33,221	0	0
SYNOPSIS INC	COM	871607107	30,534,163	59,300	SH	SOLE	1	59,300	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	7,436,892	197,527	SH	SOLE	1	197,527	0	0
SYSCO CORP	COM	871829107	9,365,613	128,068	SH	SOLE	1	128,068	0	0
SYSTEM1 INC	CL A	87200P109	36,108	16,265	SH	SOLE	1	16,265	0	0
T MOBILE US INC	COM	872590104	33,606,771	209,610	SH	SOLE	1	209,610	0	0
T ROWE PRICE GROUP INC	COM	74144T108	6,491,553	60,280	SH	SOLE	1	60,280	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	165,394	11,566	SH	SOLE	1	11,566	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	9,578,456	59,512	SH	SOLE	1	59,512	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	67,179	5,319	SH	SOLE	1	5,319	0	0
TALOS ENERGY INC	COM	87484T108	837,450	58,851	SH	SOLE	1	58,851	0	0
TANDEM DIABETES CARE INC	COM	875372203	108,292	3,661	SH	SOLE	1	3,661	0	0
TANGER INC	COM	875465106	1,546,138	55,777	SH	SOLE	1	55,777	0	0
TANGO THERAPEUTICS INC	COM	87583X109	219,681	22,190	SH	SOLE	1	22,190	0	0
TAPESTRY INC	COM	876030107	2,216,882	60,225	SH	SOLE	1	60,225	0	0
TARGA RESOURCES CORP	COM	87612G101	5,476,632	63,044	SH	SOLE	1	63,044	0	0
TARGET CORP	COM	87612E106	21,468,676	150,742	SH	SOLE	1	150,742	0	0
TARGET HOSPITALITY CORP	COM	87615L107	151,233	15,543	SH	SOLE	1	15,543	0	0
TARO PHARMACEUTICAL INDUS	LTD SHS	M8737E108	169,794	4,064	SH	SOLE	1	4,064	0	0
TARSUS PHARMACEUTICALS INC	COM	87650L103	288,826	14,263	SH	SOLE	1	14,263	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	10,445,557	195,793	SH	SOLE	1	195,793	0	0
TD SYNnex CORP	COM	87162W100	7,456,943	69,296	SH	SOLE	1	69,296	0	0
TE CONNECTIVITY LTD	COM	H84989104	13,315,607	94,773	SH	SOLE	1	94,773	0	0
TECHNIPFMC PLC	COM	G87110105	71,678	3,559	SH	SOLE	1	3,559	0	0
TECHTARGET	COM	87874R100	483,020	13,856	SH	SOLE	1	13,856	0	0
TEEKAY CORP	COM	Y8564W103	220,292	30,810	SH	SOLE	1	30,810	0	0
TEEKAY TANKERS LTD CLASS A	CL A	Y8565N300	594,293	11,893	SH	SOLE	1	11,893	0	0
TEGNA INC	COM	87901J105	5,582,618	364,877	SH	SOLE	1	364,877	0	0
TEJON RANCH CO	COM	879080109	179,138	10,415	SH	SOLE	1	10,415	0	0
TELA BIO INC	COM	872381108	53,245	8,043	SH	SOLE	1	8,043	0	0
TELADOC HEALTH INC	COM	87918A105	29,222	1,356	SH	SOLE	1	1,356	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	5,519,715	12,368	SH	SOLE	1	12,368	0	0
TELEFLEX INC	COM	879369106	3,072,617	12,323	SH	SOLE	1	12,323	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	988,056	53,845	SH	SOLE	1	53,845	0	0
TELLURIAN INC	COM	87968A104	207,721	274,909	SH	SOLE	1	274,909	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	11,873,614	232,953	SH	SOLE	1	232,953	0	0
TENABLE HOLDINGS INC	COM	88025T102	2,615,886	56,793	SH	SOLE	1	56,793	0	0

TENAYA THERAPEUTICS INC	COM	87990A106	74,815	23,091	SH	SOLE	1	23,091	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	80,198	8,901	SH	SOLE	1	8,901	0	0
TENET HEALTHCARE CORP	COM	88033G407	10,365,786	137,168	SH	SOLE	1	137,168	0	0
TENNANT CO	COM	880345103	934,871	10,086	SH	SOLE	1	10,086	0	0
TERADATA CORP	COM	88076W103	5,785,960	132,980	SH	SOLE	1	132,980	0	0
TERADYNE INC	COM	880770102	4,472,760	41,216	SH	SOLE	1	41,216	0	0
TERAWULF INC	COM	88080T104	176,611	73,588	SH	SOLE	1	73,588	0	0
TEREX CORP	COM	880779103	7,092,460	123,433	SH	SOLE	1	123,433	0	0
TERNS PHARMACEUTICALS INC	COM	880881107	138,243	21,301	SH	SOLE	1	21,301	0	0
TERRAN ORBITAL CORP	COM	88105P103	56,058	49,174	SH	SOLE	1	49,174	0	0
TERRENO REALTY CORP	COM	88146M101	2,584,009	41,232	SH	SOLE	1	41,232	0	0
TESLA INC	COM	88160R101	214,939,176	865,016	SH	SOLE	1	865,016	0	0
TETRA TECH INC	COM	88162G103	12,019,628	72,004	SH	SOLE	1	72,004	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	281,637	62,309	SH	SOLE	1	62,309	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,960,507	187,788	SH	SOLE	1	187,788	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	5,706,377	88,293	SH	SOLE	1	88,293	0	0
TEXAS INSTRUMENTS INC	COM	882508104	57,214,047	335,645	SH	SOLE	1	335,645	0	0
TEXAS PACIFIC LAND CORP	COM	88262P102	163,535	104	SH	SOLE	1	104	0	0
TEXAS ROADHOUSE INC	COM	882681109	11,097,384	90,791	SH	SOLE	1	90,791	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	989,068	20,103	SH	SOLE	1	20,103	0	0
TEXTRON INC	COM	883203101	4,133,186	51,395	SH	SOLE	1	51,395	0	0
TFS FINANCIAL CORP	COM	87240R107	6,052	412	SH	SOLE	1	412	0	0
TG THERAPEUTICS INC	COM	88322Q108	1,177,290	68,928	SH	SOLE	1	68,928	0	0
THE CIGNA GROUP	COM	125523100	22,256,921	74,326	SH	SOLE	1	74,326	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	287,856	25,610	SH	SOLE	1	25,610	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	58,534,990	110,279	SH	SOLE	1	110,279	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	541,541	16,627	SH	SOLE	1	16,627	0	0
THESEUS PHARMACEUTICALS INC	COM	88369M101	40,743	10,060	SH	SOLE	1	10,060	0	0
THIRD COAST BANCSHARES INC	COM	88422P109	127,247	6,404	SH	SOLE	1	6,404	0	0
THIRD HARMONIC BIO INC	COM	88427A107	106,223	9,683	SH	SOLE	1	9,683	0	0
THOR INDUSTRIES INC	COM	885160101	8,508,088	71,950	SH	SOLE	1	71,950	0	0
THOUGHTWORKS HOLDING INC	COM	88546E105	221,375	46,024	SH	SOLE	1	46,024	0	0
THREDUP INC CLASS A	CL A	88556E102	80,307	35,692	SH	SOLE	1	35,692	0	0
THRYV HOLDINGS INC	COM	886029206	343,223	16,866	SH	SOLE	1	16,866	0	0
TIDEWATER INC	COM	88642R109	1,665,669	23,099	SH	SOLE	1	23,099	0	0
TILE SHOP HLDGS INC	COM	88677Q109	105,425	14,324	SH	SOLE	1	14,324	0	0
TILLY S INC CLASS A SHRS	COM	886885102	83,950	11,134	SH	SOLE	1	11,134	0	0
TIMBERLAND BANCORP INC	COM	887098101	116,245	3,695	SH	SOLE	1	3,695	0	0

TIMKEN CO	COM	887389104	7,024,667	87,644	SH	SOLE	1	87,644	0	0
TIMKENSTEEL CORP	COM	887399103	549,363	23,427	SH	SOLE	1	23,427	0	0
TINGO GROUP INC	COM	55328R109	42,054	60,948	SH	SOLE	1	60,948	0	0
TIPTREE INC	COM	88822Q103	226,231	11,932	SH	SOLE	1	11,932	0	0
TITAN INTERNATIONAL INC	COM	88830M102	423,276	28,446	SH	SOLE	1	28,446	0	0
TITAN MACHINERY INC	COM	88830R101	295,616	10,236	SH	SOLE	1	10,236	0	0
TJX COMPANIES INC	COM	872540109	34,001,904	362,455	SH	SOLE	1	362,455	0	0
TKO GROUP HOLDINGS INC	CL A	87256C101	6,655,215	81,579	SH	SOLE	1	81,579	0	0
TOAST INC CLASS A	CL A	888787108	109,450	5,994	SH	SOLE	1	5,994	0	0
TOLL BROTHERS INC	COM	889478103	14,922,744	145,177	SH	SOLE	1	145,177	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	450,460	7,479	SH	SOLE	1	7,479	0	0
TOOTSIE ROLL INDS	COM	890516107	26,958	811	SH	SOLE	1	811	0	0
TOPBUILD CORP	COM	89055F103	16,069,602	42,937	SH	SOLE	1	42,937	0	0
TOPGOLF CALLAWAY BRANDS CORP	COM	131193104	1,122,148	78,253	SH	SOLE	1	78,253	0	0
TORO CO	COM	891092108	13,551,580	141,177	SH	SOLE	1	141,177	0	0
TORRID HOLDINGS INC	COM	89142B107	34,649	6,005	SH	SOLE	1	6,005	0	0
TOWNE BANK	COM	89214P109	1,038,862	34,908	SH	SOLE	1	34,908	0	0
TOWNSQUARE MEDIA INC CL A	CL A	892231101	61,311	5,806	SH	SOLE	1	5,806	0	0
TPG INC	CL A	872657101	29,787	690	SH	SOLE	1	690	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	223,288	34,352	SH	SOLE	1	34,352	0	0
TPI COMPOSITES INC	COM	87266J104	85,189	20,577	SH	SOLE	1	20,577	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	6,420,366	29,858	SH	SOLE	1	29,858	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	2,768,229	38,469	SH	SOLE	1	38,469	0	0
TRADEWEB MARKETS INC CLASS A	CL A	892672106	117,235	1,290	SH	SOLE	1	1,290	0	0
TRAEGER INC	COM	89269P103	48,176	17,647	SH	SOLE	1	17,647	0	0
TRANE TECHNOLOGIES PLC	PLC SHS	G8994E103	15,209,116	62,358	SH	SOLE	1	62,358	0	0
TRANSCAT INC	COM	893529107	445,738	4,077	SH	SOLE	1	4,077	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	21,669	627	SH	SOLE	1	627	0	0
TRANSDIGM GROUP INC	COM	893641100	15,401,610	15,225	SH	SOLE	1	15,225	0	0
TRANSMEDICS GROUP INC	COM	89377M109	1,244,805	15,771	SH	SOLE	1	15,771	0	0
TRANSPHORM INC	COM	89386L100	53,272	14,595	SH	SOLE	1	14,595	0	0
TRANSUNION	COM	89400J107	109,111	1,588	SH	SOLE	1	1,588	0	0
TRAVEL LEISURE CO	COM	894164102	3,834,104	98,084	SH	SOLE	1	98,084	0	0
TRAVELERS COS INC/THE	COM	89417E109	13,791,476	72,400	SH	SOLE	1	72,400	0	0
TRAVERE THERAPEUTICS INC	COM	89422G107	325,519	36,209	SH	SOLE	1	36,209	0	0
TREACE MEDICAL CONCEPTS INC	COM	89455T109	286,582	22,477	SH	SOLE	1	22,477	0	0
TREDEGAR CORP	COM	894650100	71,747	13,262	SH	SOLE	1	13,262	0	0
TREEHOUSE FOODS INC	COM	89469A104	1,159,854	27,982	SH	SOLE	1	27,982	0	0
TREVI THERAPEUTICS INC	COM	89532M101	28,074	20,951	SH	SOLE	1	20,951	0	0
TREX COMPANY INC	COM	89531P105	12,222,370	147,631	SH	SOLE	1	147,631	0	0
TRI POINTE HOMES INC	COM	87265H109	1,854,889	52,398	SH	SOLE	1	52,398	0	0

TRICO BANCSHARES	COM	896095106	663,972	15,452	SH	SOLE	1	15,452	0	0
TRIMAS CORP	COM	896215209	522,710	20,636	SH	SOLE	1	20,636	0	0
TRIMBLE INC	COM	896239100	3,469,385	65,214	SH	SOLE	1	65,214	0	0
TRINET GROUP INC	COM	896288107	1,893,960	15,925	SH	SOLE	1	15,925	0	0
TRINITY INDUSTRIES INC	COM	896522109	1,176,155	44,233	SH	SOLE	1	44,233	0	0
TRINSEO PLC	COM	G9059U107	145,638	17,400	SH	SOLE	1	17,400	0	0
TRIPADVISOR INC	COM	896945201	128,319	5,960	SH	SOLE	1	5,960	0	0
TRIUMPH FINANCIAL INC	COM	89679E300	967,773	12,070	SH	SOLE	1	12,070	0	0
TRIUMPH GROUP INC	COM	896818101	591,094	35,651	SH	SOLE	1	35,651	0	0
TRONOX HOLDINGS PLC	COM	G9087Q102	824,565	58,232	SH	SOLE	1	58,232	0	0
TRUEBLUE INC	COM	89785X101	254,337	16,580	SH	SOLE	1	16,580	0	0
TRUECAR INC	COM	89785L107	154,022	44,515	SH	SOLE	1	44,515	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	14,330,166	388,141	SH	SOLE	1	388,141	0	0
TRUPANION INC	COM	898202106	651,663	21,359	SH	SOLE	1	21,359	0	0
TRUSTCO BANK CORP NY	COM	898349204	315,002	10,145	SH	SOLE	1	10,145	0	0
TRUSTMARK CORP	COM	898402102	923,832	33,136	SH	SOLE	1	33,136	0	0
TTEC HOLDINGS INC	COM	89854H102	228,835	10,560	SH	SOLE	1	10,560	0	0
TTM TECHNOLOGIES	COM	87305R109	890,356	56,316	SH	SOLE	1	56,316	0	0
TUCOWS INC CLASS A	COM	898697206	133,272	4,936	SH	SOLE	1	4,936	0	0
TURNING POINT BRANDS INC	COM	90041L105	224,141	8,516	SH	SOLE	1	8,516	0	0
TURNSTONE BIOLOGICS CORP	COM	90042W100	8,340	3,277	SH	SOLE	1	3,277	0	0
TURTLE BEACH CORP	COM	900450206	88,881	8,117	SH	SOLE	1	8,117	0	0
TUSIMPLE HOLDINGS INC A	CL A	90089L108	73,012	83,176	SH	SOLE	1	83,176	0	0
TUTOR PERINI CORP	COM	901109108	192,083	21,108	SH	SOLE	1	21,108	0	0
TWILIO INC A	CL A	90138F102	124,047	1,635	SH	SOLE	1	1,635	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	1,042,880	28,293	SH	SOLE	1	28,293	0	0
TWO HARBORS INVESTMENT CORP	COM	90187B804	736,702	52,886	SH	SOLE	1	52,886	0	0
TYLER TECHNOLOGIES INC	COM	902252105	5,383,295	12,875	SH	SOLE	1	12,875	0	0
TYRA BIOSCIENCES INC	COM	90240B106	96,271	6,951	SH	SOLE	1	6,951	0	0
TYSON FOODS INC CL A	CL A	902494103	4,017,006	74,735	SH	SOLE	1	74,735	0	0
U HAUL HOLDING CO	COM	023586100	6,390	89	SH	SOLE	1	89	0	0
U HAUL HOLDING CO NON VOTING	COM	023586506	81,710	1,160	SH	SOLE	1	1,160	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	754,900	8,105	SH	SOLE	1	8,105	0	0
UBER TECHNOLOGIES INC	COM	90353T100	33,698,000	547,312	SH	SOLE	1	547,312	0	0
UBIQUITI INC	COM	90353W103	8,932	64	SH	SOLE	1	64	0	0
UDEMY INC	COM	902685106	643,863	43,711	SH	SOLE	1	43,711	0	0
UDR INC	COM	902653104	3,052,555	79,722	SH	SOLE	1	79,722	0	0
UFP INDUSTRIES INC	COM	90278Q108	14,170,201	112,865	SH	SOLE	1	112,865	0	0
UFP TECHNOLOGIES INC	COM	902673102	663,386	3,856	SH	SOLE	1	3,856	0	0
UGI CORP	COM	902681105	6,960,668	282,954	SH	SOLE	1	282,954	0	0
UIPATH INC CLASS A	CL A	90364P105	140,743	5,666	SH	SOLE	1	5,666	0	0
ULTA BEAUTY INC	COM	90384S303	7,268,512	14,834	SH	SOLE	1	14,834	0	0

ULTRA CLEAN HOLDINGS INC	COM	90385V107	827,076	24,226	SH	SOLE	1	24,226	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	63,553	1,329	SH	SOLE	1	1,329	0	0
UMB FINANCIAL CORP	COM	902788108	6,739,979	80,670	SH	SOLE	1	80,670	0	0
UMH PROPERTIES INC	COM	903002103	456,000	29,765	SH	SOLE	1	29,765	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	2,241,485	255,004	SH	SOLE	1	255,004	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	2,182,231	261,345	SH	SOLE	1	261,345	0	0
UNIFIRST CORP/MA	COM	904708104	1,494,923	8,173	SH	SOLE	1	8,173	0	0
UNION PACIFIC CORP	COM	907818108	38,837,434	158,120	SH	SOLE	1	158,120	0	0
UNISYS CORP	COM	909214306	185,735	33,049	SH	SOLE	1	33,049	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	3,548,112	85,994	SH	SOLE	1	85,994	0	0
UNITED BANKSHARES INC	COM	909907107	9,246,838	246,254	SH	SOLE	1	246,254	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,846,101	63,093	SH	SOLE	1	63,093	0	0
UNITED FIRE GROUP INC	COM	910340108	230,434	11,453	SH	SOLE	1	11,453	0	0
UNITED HOMES GROUP INC	CL A	91060H108	22,635	2,685	SH	SOLE	1	2,685	0	0
UNITED NATURAL FOODS INC	COM	911163103	517,088	31,860	SH	SOLE	1	31,860	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	28,884,566	183,709	SH	SOLE	1	183,709	0	0
UNITED RENTALS INC	COM	911363109	10,725,248	18,704	SH	SOLE	1	18,704	0	0
UNITED STATES LIME plus MINERAL	COM	911922102	235,648	1,023	SH	SOLE	1	1,023	0	0
UNITED STATES STEEL CORP	COM	912909108	14,656,396	301,262	SH	SOLE	1	301,262	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	13,936,848	63,381	SH	SOLE	1	63,381	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	125,898,456	239,137	SH	SOLE	1	239,137	0	0
UNITI GROUP INC	COM	91325V108	749,660	129,699	SH	SOLE	1	129,699	0	0
UNITIL CORP	COM	913259107	456,781	8,689	SH	SOLE	1	8,689	0	0
UNITY BANCORP INC	COM	913290102	105,932	3,580	SH	SOLE	1	3,580	0	0
UNITY SOFTWARE INC	COM	91332U101	138,699	3,392	SH	SOLE	1	3,392	0	0
UNIVERSAL CORP/VA	COM	913456109	884,921	13,145	SH	SOLE	1	13,145	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	11,296,007	59,061	SH	SOLE	1	59,061	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	302,620	6,997	SH	SOLE	1	6,997	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	2,437,363	15,989	SH	SOLE	1	15,989	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	192,990	12,077	SH	SOLE	1	12,077	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	94,455	3,371	SH	SOLE	1	3,371	0	0
UNIVERSAL TECHNICAL INSTITUT	COM	913915104	204,076	16,300	SH	SOLE	1	16,300	0	0
UNIVEST FINANCIAL CORP	COM	915271100	317,783	14,425	SH	SOLE	1	14,425	0	0
UNUM GROUP	COM	91529Y106	11,203,843	247,763	SH	SOLE	1	247,763	0	0
UPBOUND GROUP INC	COM	76009N100	1,002,149	29,501	SH	SOLE	1	29,501	0	0
UPSTART HOLDINGS INC	COM	91680M107	1,487,549	36,406	SH	SOLE	1	36,406	0	0
UPWORK INC	COM	91688F104	924,825	62,194	SH	SOLE	1	62,194	0	0
URANIUM ENERGY	COM	916896103	1,203,558	188,056	SH	SOLE	1	188,056	0	0

CORP										
URBAN EDGE PROPERTIES	COM	91704F104	1,146,989	62,677	SH	SOLE	1	62,677	0	0
URBAN ONE INC	CL A	91705J105	18,151	4,504	SH	SOLE	1	4,504	0	0
URBAN ONE INC	CL D NON VTG	91705J204	20,005	5,667	SH	SOLE	1	5,667	0	0
URBAN OUTFITTERS INC	COM	917047102	1,227,736	34,400	SH	SOLE	1	34,400	0	0
UROGEN PHARMA LTD	COM	M96088105	202,815	13,521	SH	SOLE	1	13,521	0	0
US BANCORP	COM	902973304	20,199,685	466,721	SH	SOLE	1	466,721	0	0
US FOODS HOLDING CORP	COM	912008109	13,873,936	305,526	SH	SOLE	1	305,526	0	0
US SILICA HOLDINGS INC	COM	90346E103	464,954	41,110	SH	SOLE	1	41,110	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	330,873	6,173	SH	SOLE	1	6,173	0	0
USCB FINANCIAL HOLDINGS INC	CL A	90355N101	64,080	5,231	SH	SOLE	1	5,231	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	143,679	1,706	SH	SOLE	1	1,706	0	0
UTZ BRANDS INC	CL A	918090101	581,587	35,812	SH	SOLE	1	35,812	0	0
UWM HOLDINGS CORP	CL A	91823B109	7,522	1,052	SH	SOLE	1	1,052	0	0
V2X INC	COM	92242T101	266,287	5,734	SH	SOLE	1	5,734	0	0
VAALCO ENERGY INC	COM	91851C201	240,583	53,582	SH	SOLE	1	53,582	0	0
VAIL RESORTS INC	COM	91879Q109	10,989,436	51,480	SH	SOLE	1	51,480	0	0
VALARIS LTD	CL A	G9460G101	7,831,654	114,214	SH	SOLE	1	114,214	0	0
VALERO ENERGY CORP	COM	91913Y100	12,279,930	94,461	SH	SOLE	1	94,461	0	0
VALHI INC	COM	918905209	18,243	1,201	SH	SOLE	1	1,201	0	0
VALLEY NATIONAL BANCORP	COM	919794107	8,550,024	787,295	SH	SOLE	1	787,295	0	0
VALMONT INDUSTRIES	COM	920253101	6,591,754	28,229	SH	SOLE	1	28,229	0	0
VALUE LINE INC	COM	920437100	20,378	418	SH	SOLE	1	418	0	0
VALVOLINE INC	COM	92047W101	7,050,534	187,614	SH	SOLE	1	187,614	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	118,493	28,079	SH	SOLE	1	28,079	0	0
VAREX IMAGING CORP	COM	92214X106	434,416	21,191	SH	SOLE	1	21,191	0	0
VARONIS SYSTEMS INC	COM	922280102	2,448,290	54,070	SH	SOLE	1	54,070	0	0
VAXCYTE INC	COM	92243G108	2,928,176	46,627	SH	SOLE	1	46,627	0	0
VAXXINITY INC A	CL A	92244V104	18,007	21,185	SH	SOLE	1	21,185	0	0
VECTOR GROUP LTD	COM	92240M108	885,762	78,525	SH	SOLE	1	78,525	0	0
VEECO INSTRUMENTS INC	COM	922417100	866,792	27,934	SH	SOLE	1	27,934	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	471,867	2,451	SH	SOLE	1	2,451	0	0
VELO3D INC	COM	92259N104	17,979	45,220	SH	SOLE	1	45,220	0	0
VELOCITY FINANCIAL INC	COM	92262D101	74,959	4,353	SH	SOLE	1	4,353	0	0
VENTAS INC	COM	92276F100	5,257,671	105,491	SH	SOLE	1	105,491	0	0
VENTYX BIOSCIENCES INC	COM	92332V107	57,457	23,262	SH	SOLE	1	23,262	0	0
VERA BRADLEY INC	COM	92335C106	100,408	13,040	SH	SOLE	1	13,040	0	0
VERA THERAPEUTICS INC	CL A	92337R101	258,492	16,807	SH	SOLE	1	16,807	0	0
VERACYTE INC	COM	92337F107	995,477	36,186	SH	SOLE	1	36,186	0	0
VERADIGM INC	COM	01988P108	616,592	58,779	SH	SOLE	1	58,779	0	0
VERALTO CORP	COM	92338C103	5,272,372	64,094	SH	SOLE	1	64,094	0	0

VERDE CLEAN FUELS INC	CL A	923372106	739	313	SH	SOLE	1	313	0	0
VERICEL CORP	COM	92346J108	922,833	25,915	SH	SOLE	1	25,915	0	0
VERINT SYSTEMS INC	COM	92343X100	839,633	31,063	SH	SOLE	1	31,063	0	0
VERIS RESIDENTIAL INC	COM	554489104	678,246	43,118	SH	SOLE	1	43,118	0	0
VERISIGN INC	COM	92343E102	4,910,910	23,844	SH	SOLE	1	23,844	0	0
VERISK ANALYTICS INC	COM	92345Y106	13,471,943	56,401	SH	SOLE	1	56,401	0	0
VERITEX HOLDINGS INC	COM	923451108	666,639	28,648	SH	SOLE	1	28,648	0	0
VERITONE INC	COM	92347M100	23,829	13,165	SH	SOLE	1	13,165	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	44,583,078	1,182,575	SH	SOLE	1	1,182,575	0	0
VERRA MOBILITY CORP	COM	92511U102	1,778,952	77,245	SH	SOLE	1	77,245	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	75,960	10,377	SH	SOLE	1	10,377	0	0
VERTEX ENERGY INC	COM	92534K107	110,094	32,476	SH	SOLE	1	32,476	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	39,677,065	97,513	SH	SOLE	1	97,513	0	0
VERTIV HOLDINGS CO A	CL A	92537N108	146,059	3,041	SH	SOLE	1	3,041	0	0
VERVE THERAPEUTICS INC	COM	92539P101	361,757	25,951	SH	SOLE	1	25,951	0	0
VESTIS CORP	COM	29430C102	150,115	7,101	SH	SOLE	1	7,101	0	0
VF CORP	COM	918204108	1,632,498	86,835	SH	SOLE	1	86,835	0	0
VIAD CORP	COM	92552R406	402,001	11,105	SH	SOLE	1	11,105	0	0
VIAANT TECHNOLOGY INC A	CL A	92557A101	50,235	7,291	SH	SOLE	1	7,291	0	0
VIASAT INC	COM	92552V100	124,909	4,469	SH	SOLE	1	4,469	0	0
VIATRIS INC	COM	92556V106	3,406,652	314,557	SH	SOLE	1	314,557	0	0
VIAVI SOLUTIONS INC	COM	925550105	1,213,274	120,484	SH	SOLE	1	120,484	0	0
VICARIOUS SURGICAL INC	CL A	92561V109	18,245	49,755	SH	SOLE	1	49,755	0	0
VICI PROPERTIES INC	COM	925652109	8,648,438	271,281	SH	SOLE	1	271,281	0	0
VICOR CORP	COM	925815102	543,280	12,089	SH	SOLE	1	12,089	0	0
VICTORIA S SECRET plus CO	COM	926400102	121,022	4,560	SH	SOLE	1	4,560	0	0
VICTORY CAPITAL HOLDING A	CL A	92645B103	459,154	13,332	SH	SOLE	1	13,332	0	0
VIEMED HEALTHCARE INC	COM	92663R105	133,207	16,969	SH	SOLE	1	16,969	0	0
VIGIL NEUROSCIENCE INC	COM	92673K108	26,996	7,987	SH	SOLE	1	7,987	0	0
VIKING THERAPEUTICS INC	COM	92686J106	889,446	47,794	SH	SOLE	1	47,794	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	114,966	4,383	SH	SOLE	1	4,383	0	0
VIMEO INC	COM	92719V100	296,724	75,695	SH	SOLE	1	75,695	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	81,927	4,613	SH	SOLE	1	4,613	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	459,440	45,670	SH	SOLE	1	45,670	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	399,867	163,211	SH	SOLE	1	163,211	0	0
VIRGINIA NATIONAL BANKSHARES	COM	928031103	80,724	2,348	SH	SOLE	1	2,348	0	0
VIRIDIAN THERAPEUTICS INC	COM	92790C104	462,803	21,249	SH	SOLE	1	21,249	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	14,668	724	SH	SOLE	1	724	0	0
VIRTUS INVESTMENT	COM	92828Q109	910,226	3,765	SH	SOLE	1	3,765	0	0

PARTNERS										
VISA INC CLASS A SHARES	COM	92826C839	127,769,366	490,760	SH	SOLE	1	490,760	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	5,600,279	233,637	SH	SOLE	1	233,637	0	0
VISHAY PRECISION GROUP	COM	92835K103	209,871	6,160	SH	SOLE	1	6,160	0	0
VISTA OUTDOOR INC	COM	928377100	930,361	31,463	SH	SOLE	1	31,463	0	0
VISTEON CORP	COM	92839U206	6,377,394	51,060	SH	SOLE	1	51,060	0	0
VISTRA CORP	COM	92840M102	17,531,839	455,136	SH	SOLE	1	455,136	0	0
VITA COCO CO INC/THE	COM	92846Q107	364,589	14,214	SH	SOLE	1	14,214	0	0
VITAL ENERGY INC	COM	516806205	581,226	12,777	SH	SOLE	1	12,777	0	0
VITAL FARMS INC	COM	92847W103	238,190	15,181	SH	SOLE	1	15,181	0	0
VITESSE ENERGY INC	COM	92852X103	272,859	12,465	SH	SOLE	1	12,465	0	0
VIVID SEATS INC CLASS A	CL A	92854T100	76,718	12,139	SH	SOLE	1	12,139	0	0
VIZIO HOLDING CORP A	CL A	92858V101	293,994	38,181	SH	SOLE	1	38,181	0	0
VONTIER CORP	COM	928881101	7,218,532	208,930	SH	SOLE	1	208,930	0	0
VOR BIOPHARMA INC	COM	929033108	42,136	18,727	SH	SOLE	1	18,727	0	0
VORNADO REALTY TRUST	COM	929042109	6,104,458	216,087	SH	SOLE	1	216,087	0	0
VOXX INTERNATIONAL CORP	CL A	91829F104	62,895	5,889	SH	SOLE	1	5,889	0	0
VOYA FINANCIAL INC	COM	929089100	10,291,592	141,058	SH	SOLE	1	141,058	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	133,242	15,787	SH	SOLE	1	15,787	0	0
VSE CORP	COM	918284100	420,676	6,511	SH	SOLE	1	6,511	0	0
VULCAN MATERIALS CO	COM	929160109	8,197,104	36,109	SH	SOLE	1	36,109	0	0
VUZIX CORP	COM	92921W300	61,178	29,342	SH	SOLE	1	29,342	0	0
WplusT OFFSHORE INC	COM	92922P106	159,349	48,880	SH	SOLE	1	48,880	0	0
WABASH NATIONAL CORP	COM	929566107	642,293	25,070	SH	SOLE	1	25,070	0	0
WABTEC CORP	COM	929740108	5,960,874	46,973	SH	SOLE	1	46,973	0	0
WAFD INC	COM	938824109	1,157,061	35,105	SH	SOLE	1	35,105	0	0
WALDENCAST ACQUISITION COR A	CL A ORD SHS	G9503X103	196,121	17,927	SH	SOLE	1	17,927	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	8,359,012	320,146	SH	SOLE	1	320,146	0	0
WALKER plus DUNLOP INC	COM	93148P102	1,931,019	17,395	SH	SOLE	1	17,395	0	0
WALMART INC	COM	931142103	57,123,059	362,341	SH	SOLE	1	362,341	0	0
WALT DISNEY CO/THE	COM	254687106	41,963,903	464,768	SH	SOLE	1	464,768	0	0
WARBY PARKER INC CLASS A	CL A	93403J106	594,287	42,148	SH	SOLE	1	42,148	0	0
WARNER BROS DISCOVERY INC	COM	934423104	9,474,442	832,552	SH	SOLE	1	832,552	0	0
WARRIOR MET COAL INC	COM	93627C101	1,717,891	28,176	SH	SOLE	1	28,176	0	0
WASHINGTON TRUST BANCORP	COM	940610108	272,381	8,412	SH	SOLE	1	8,412	0	0
WASTE MANAGEMENT INC	COM	94106L109	21,557,013	120,363	SH	SOLE	1	120,363	0	0
WATERS CORP	COM	941848103	5,356,901	16,271	SH	SOLE	1	16,271	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	124,207	8,747	SH	SOLE	1	8,747	0	0
WATSCO INC	COM	942622200	19,629,068	45,812	SH	SOLE	1	45,812	0	0
WATTS WATER	COM	942749102	10,489,711	50,349	SH	SOLE	1	50,349	0	0

TECHNOLOGIES A										
WAVE LIFE SCIENCES LTD	LTD SHS	Y95308105	148,420	29,390	SH	SOLE	1	29,390	0	0
WAYFAIR INC CLASS A	COM	94419L101	57,196	927	SH	SOLE	1	927	0	0
WD 40 CO	COM	929236107	1,766,966	7,391	SH	SOLE	1	7,391	0	0
WEATHERFORD INTERNATIONAL PL	ORD SHS	G48833118	12,937,333	132,243	SH	SOLE	1	132,243	0	0
WEAVE COMMUNICATIONS INC	COM	94724R108	190,563	16,614	SH	SOLE	1	16,614	0	0
WEBSTER FINANCIAL CORP	COM	947890109	11,795,152	232,371	SH	SOLE	1	232,371	0	0
WEC ENERGY GROUP INC	COM	92939U106	8,237,634	97,869	SH	SOLE	1	97,869	0	0
WEIBO CORP SPON ADR	ADR	948596101	7,534	688	SH	SOLE	1	688	0	0
WEIS MARKETS INC	COM	948849104	524,216	8,196	SH	SOLE	1	8,196	0	0
WELLS FARGO plus CO	COM	949746101	45,402,743	922,445	SH	SOLE	1	922,445	0	0
WELLTOWER INC	COM	95040Q104	13,510,802	149,837	SH	SOLE	1	149,837	0	0
WENDY S CO/THE	COM	95058W100	4,425,622	227,188	SH	SOLE	1	227,188	0	0
WERNER ENTERPRISES INC	COM	950755108	4,940,639	116,607	SH	SOLE	1	116,607	0	0
WESBANCO INC	COM	950810101	900,288	28,699	SH	SOLE	1	28,699	0	0
WESCO INTERNATIONAL INC	COM	95082P105	10,317,170	59,335	SH	SOLE	1	59,335	0	0
WEST BANCORPORATION	COM	95123P106	170,872	8,060	SH	SOLE	1	8,060	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	7,370,224	20,931	SH	SOLE	1	20,931	0	0
WESTAMERICA BANCORPORATION	COM	957090103	797,017	14,129	SH	SOLE	1	14,129	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	58,487	889	SH	SOLE	1	889	0	0
WESTERN DIGITAL CORP	COM	958102105	8,162,860	155,869	SH	SOLE	1	155,869	0	0
WESTERN UNION CO	COM	959802109	5,872,138	492,629	SH	SOLE	1	492,629	0	0
WESTLAKE CORP	COM	960413102	6,056,769	43,275	SH	SOLE	1	43,275	0	0
WESTROCK CO	COM	96145D105	2,790,808	67,216	SH	SOLE	1	67,216	0	0
WESTROCK COFFEE CO	COM	96145W103	144,155	14,119	SH	SOLE	1	14,119	0	0
WEX INC	COM	96208T104	11,264,250	57,899	SH	SOLE	1	57,899	0	0
WEYCO GROUP INC	COM	962149100	92,543	2,951	SH	SOLE	1	2,951	0	0
WEYERHAEUSER CO	COM	962166104	6,656,612	191,447	SH	SOLE	1	191,447	0	0
WHIRLPOOL CORP	COM	963320106	1,750,200	14,373	SH	SOLE	1	14,373	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	30,100	20	SH	SOLE	1	20	0	0
WHITESTONE REIT	COM	966084204	324,493	26,403	SH	SOLE	1	26,403	0	0
WIDOPENWEST INC	COM	96758W101	100,748	24,876	SH	SOLE	1	24,876	0	0
WILEY (JOHN) plus SONS CLASS A	COM	968223206	638,704	20,123	SH	SOLE	1	20,123	0	0
WILLDAN GROUP INC	COM	96924N100	130,269	6,059	SH	SOLE	1	6,059	0	0
WILLIAMS COS INC	COM	969457100	11,308,848	324,687	SH	SOLE	1	324,687	0	0
WILLIAMS SONOMA INC	COM	969904101	17,496,747	86,712	SH	SOLE	1	86,712	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	71,560	1,464	SH	SOLE	1	1,464	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	6,558,469	27,191	SH	SOLE	1	27,191	0	0
WILLSCOT MOBILE MINI HOLDING	COM CL A	971378104	88,911	1,998	SH	SOLE	1	1,998	0	0
WINGSTOP INC	COM	974155103	10,262,687	39,998	SH	SOLE	1	39,998	0	0

WINMARK CORP	COM	974250102	592,921	1,420	SH	SOLE	1	1,420	0	0
WINNEBAGO INDUSTRIES	COM	974637100	1,154,273	15,838	SH	SOLE	1	15,838	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	7,671,538	82,712	SH	SOLE	1	82,712	0	0
WISDOMTREE INC	COM	97717P104	511,573	73,820	SH	SOLE	1	73,820	0	0
WIX.COM LTD	COM	M98068105	1,262,677	10,264	SH	SOLE	1	10,264	0	0
WK KELLOGG CO	COM	92942W107	47,698	3,630	SH	SOLE	1	3,630	0	0
WOLFSPEED INC	COM	977852102	7,365,155	169,275	SH	SOLE	1	169,275	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	376,740	42,378	SH	SOLE	1	42,378	0	0
WOODWARD INC	COM	980745103	11,109,025	81,606	SH	SOLE	1	81,606	0	0
WORKDAY INC CLASS A	COM	98138H101	4,009,219	14,523	SH	SOLE	1	14,523	0	0
WORKHORSE GROUP INC	COM	98138J206	36,943	102,619	SH	SOLE	1	102,619	0	0
WORKIVA INC	COM	98139A105	2,510,532	24,727	SH	SOLE	1	24,727	0	0
WORLD ACCEPTANCE CORP	COM	981419104	284,816	2,182	SH	SOLE	1	2,182	0	0
WORLD KINECT CORP	COM	981475106	741,580	32,554	SH	SOLE	1	32,554	0	0
WORTHINGTON ENTERPRISES INC	COM	981811102	963,847	16,748	SH	SOLE	1	16,748	0	0
WORTHINGTON STEEL INC	COM	982104101	470,591	16,747	SH	SOLE	1	16,747	0	0
WP CAREY INC	COM	92936U109	19,139,689	295,320	SH	SOLE	1	295,320	0	0
WR BERKLEY CORP	COM	084423102	3,775,670	53,389	SH	SOLE	1	53,389	0	0
WSFS FINANCIAL CORP	COM	929328102	1,530,020	33,312	SH	SOLE	1	33,312	0	0
WW GRAINGER INC	COM	384802104	10,247,581	12,366	SH	SOLE	1	12,366	0	0
WW INTERNATIONAL INC	COM	98262P101	237,169	27,105	SH	SOLE	1	27,105	0	0
WYNDHAM HOTELS plus RESORTS INC	COM	98311A105	9,013,800	112,098	SH	SOLE	1	112,098	0	0
WYNN RESORTS LTD	COM	983134107	2,409,131	26,442	SH	SOLE	1	26,442	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	51,315	61,198	SH	SOLE	1	61,198	0	0
XCEL ENERGY INC	COM	98389B100	11,332,006	183,040	SH	SOLE	1	183,040	0	0
XENCOR INC	COM	98401F105	672,736	31,688	SH	SOLE	1	31,688	0	0
XENIA HOTELS plus RESORTS INC	COM	984017103	795,422	58,401	SH	SOLE	1	58,401	0	0
XERIS BIOPHARMA HOLDINGS INC	COM	98422E103	155,429	66,140	SH	SOLE	1	66,140	0	0
XEROX HOLDINGS CORP	COM	98421M106	1,163,845	63,494	SH	SOLE	1	63,494	0	0
XOMA CORP	COM	98419J206	67,229	3,634	SH	SOLE	1	3,634	0	0
XOMETRY INC A	CL A	98423F109	606,197	16,881	SH	SOLE	1	16,881	0	0
XP INC CLASS A	CL A	G98239109	75,290	2,888	SH	SOLE	1	2,888	0	0
XPEL INC	COM	98379L100	659,393	12,245	SH	SOLE	1	12,245	0	0
XPENG INC ADR	ADS	98422D105	104,246	7,145	SH	SOLE	1	7,145	0	0
XPERI INC	COM	98423J101	260,447	23,634	SH	SOLE	1	23,634	0	0
XPO INC	COM	983793100	13,719,835	156,637	SH	SOLE	1	156,637	0	0
XPONENTIAL FITNESS INC A	CL A	98422X101	161,293	12,513	SH	SOLE	1	12,513	0	0
XYLEM INC	COM	98419M100	7,253,969	63,431	SH	SOLE	1	63,431	0	0
Y MABS THERAPEUTICS INC	COM	984241109	124,717	18,287	SH	SOLE	1	18,287	0	0
YANDEX NV A	CL A	N97284108	0	4,192	SH	SOLE	1	4,192	0	0
YELP INC	COM	985817105	1,719,815	36,329	SH	SOLE	1	36,329	0	0
YETI HOLDINGS INC	COM	98585X104	6,113,665	118,070	SH	SOLE	1	118,070	0	0

YEXT INC	COM	98585N106	313,483	53,223	SH	SOLE	1	53,223	0	0
YORK WATER CO	COM	987184108	273,661	7,086	SH	SOLE	1	7,086	0	0
YUM BRANDS INC	COM	988498101	11,982,437	91,707	SH	SOLE	1	91,707	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	234,850	5,535	SH	SOLE	1	5,535	0	0
ZAI LAB LTD ADR	ADR	98887Q104	26,045	953	SH	SOLE	1	953	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	3,702,528	13,546	SH	SOLE	1	13,546	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	438,562	28,948	SH	SOLE	1	28,948	0	0
ZETA GLOBAL HOLDINGS CORP A	CL A	98956A105	609,506	69,105	SH	SOLE	1	69,105	0	0
ZEVI PBC A	CL A	98955K104	25,310	12,592	SH	SOLE	1	12,592	0	0
ZEVRA THERAPEUTICS INC	COM	488445206	118,398	18,076	SH	SOLE	1	18,076	0	0
ZIFF DAVIS INC	COM	48123V102	5,694,621	84,754	SH	SOLE	1	84,754	0	0
ZILLOW GROUP INC A	COM	98954M101	25,751	454	SH	SOLE	1	454	0	0
ZILLOW GROUP INC C	COM	98954M200	73,482	1,270	SH	SOLE	1	1,270	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	6,966,230	57,241	SH	SOLE	1	57,241	0	0
ZIMVIE INC	COM	98888T107	228,017	12,846	SH	SOLE	1	12,846	0	0
ZIONS BANCORP NA	COM	989701107	1,703,297	38,826	SH	SOLE	1	38,826	0	0
ZIPRECRUITER INC A	CL A	98980B103	467,568	33,638	SH	SOLE	1	33,638	0	0
ZOETIS INC	COM	98978V103	28,364,832	143,714	SH	SOLE	1	143,714	0	0
ZOOM VIDEO COMMUNICATIONS A	CL A	98980L101	150,436	2,092	SH	SOLE	1	2,092	0	0
ZOOMINFO TECHNOLOGIES INC	COM	98980F104	7,424,401	401,536	SH	SOLE	1	401,536	0	0
ZSCALER INC	COM	98980G102	2,615,516	11,805	SH	SOLE	1	11,805	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	118,061	5,548	SH	SOLE	1	5,548	0	0
ZUMIEZ INC	COM	989817101	161,072	7,919	SH	SOLE	1	7,919	0	0
ZUORA INC CLASS A	COM	98983V106	621,838	66,153	SH	SOLE	1	66,153	0	0
ZURA BIO LTD	CL A	G9TY5A101	39,546	8,468	SH	SOLE	1	8,468	0	0
ZURN ELKAY WATER SOLUTIONS C	COM	98983L108	2,164,841	73,609	SH	SOLE	1	73,609	0	0
ZYMEWORKS INC	COM	98985Y108	280,177	26,966	SH	SOLE	1	26,966	0	0
ZYNEX INC	COM	98986M103	98,663	9,060	SH	SOLE	1	9,060	0	0