

The Securities and Exchange Commission has not necessarily reviewed the information in this filing and has not determined if it is accurate and complete.
The reader should not assume that the information is accurate and complete.

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

FORM 13F COVER PAGE

OMB APPROVAL

OMB Number:	3235-0006
Expires:	Oct 31, 2018
Estimated average burden hours per response:	23.8

Report for the Calendar Year or Quarter Ended: 06-30-2023

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
Fl 37
New York, NY 10020-1304
Form 13F File Number: 028-00219

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 Purtill
Title: Executive Vice President and Chief Financial Officer
Phone: 212-770-7000

Signature, Place, and Date of Signing:

/s/ Sabra Purtill New York, NY 08-04-2023
[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: 3,080
Form 13F Information Table Value Total: 16,374,656,313
(thousands)

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.	Form 13F File Number	Name
1	028-02725	SUNAMERICA ASSET MANAGEMENT, LLC

The Securities and Exchange Commission has not necessarily reviewed the information in this filing and has not determined if it is accurate and complete.

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

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 13F

FORM 13F INFORMATION TABLE

OMB APPROVAL

OMB Number: 3235-0006
Expires: Oct 31, 2018
Estimated average burden
hours per response: 23.8

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE	SHRS OR	SH/	PUT/	INVESTMENT	OTHER	VOTING AUTHORITY		
			(x\$1000)	PRN AMT	PRN	CALL	DISCRETION	MANAGER	SOLE	SHARED	NONE
1 800 FLOWERS.COM INC CL A	CL A	68243Q106	97,781	12,536	SH		SOLE	1	12,536	0	0
10X GENOMICS INC CLASS A	CL A	88025U109	95,263	1,706	SH		SOLE	1	1,706	0	0
1ST SOURCE CORP	COM	336901103	336,614	8,028	SH		SOLE	1	8,028	0	0
23ANDME HOLDING COCLASS A	CL A	90138Q108	218,906	125,089	SH		SOLE	1	125,089	0	0
2SEVENTY BIO INC	COM	901384107	244,651	24,175	SH		SOLE	1	24,175	0	0
2U INC	COM	90214J101	153,632	38,122	SH		SOLE	1	38,122	0	0
374WATER INC	COM	88583P104	68,132	28,507	SH		SOLE	1	28,507	0	0
3D SYSTEMS CORP	COM	88554D205	682,131	68,694	SH		SOLE	1	68,694	0	0
3M CO W/D	COM	88579Y101	14,459,902	144,469	SH		SOLE	1	144,469	0	0
4D MOLECULAR THERAPEUTICS IN	COM	35104E100	274,682	15,201	SH		SOLE	1	15,201	0	0
5E ADVANCED MATERIALS INC	COM	33830Q109	62,077	18,926	SH		SOLE	1	18,926	0	0
89BIO INC	COM	282559103	563,838	29,754	SH		SOLE	1	29,754	0	0
8X8 INC	COM	282914100	257,129	60,787	SH		SOLE	1	60,787	0	0
908 DEVICES INC	COM	65443P102	72,414	10,556	SH		SOLE	1	10,556	0	0
A MARK PRECIOUS METALS INC	COM	00181T107	343,017	9,163	SH		SOLE	1	9,163	0	0
A10 NETWORKS INC	COM	002121101	548,453	37,591	SH		SOLE	1	37,591	0	0
AADI BIOSCIENCE INC	COM	00032Q104	53,393	7,806	SH		SOLE	1	7,806	0	0
AAON INC	COM	000360206	2,288,619	24,139	SH		SOLE	1	24,139	0	0
AAR CORP	COM	000361105	1,065,499	18,447	SH		SOLE	1	18,447	0	0
AARON S CO INC/THE	COM	00258W108	239,418	16,932	SH		SOLE	1	16,932	0	0
ABBOTT LABORATORIES	COM	002824100	50,224,860	460,694	SH		SOLE	1	460,694	0	0
ABBVIE INC	COM	00287Y109	63,643,353	472,377	SH		SOLE	1	472,377	0	0
ABERCROMBIE FITCH CO CL A	CL A	002896207	990,833	26,296	SH		SOLE	1	26,296	0	0
ABM INDUSTRIES INC	COM	000957100	1,517,444	35,579	SH		SOLE	1	35,579	0	0
ACACIA RESEARCH CORP	COM	003881307	76,111	18,296	SH		SOLE	1	18,296	0	0
ACADEMY SPORTS OUTDOORS IN	COM	00402L107	2,175,621	40,252	SH		SOLE	1	40,252	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	11,053,793	138,797	SH		SOLE	1	138,797	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	1,396,956	58,328	SH		SOLE	1	58,328	0	0
ACADIA REALTY TRUST	COM SH BEN INT	004239109	723,889	50,305	SH		SOLE	1	50,305	0	0

ACCEL ENTERTAINMENT INC	CL A1	00436Q106	274,169	25,963	SH	SOLE	1	25,963	0	0
ACCENTURE PLC CL A	SHS CL A	G1151C101	51,593,959	167,198	SH	SOLE	1	167,198	0	0
ACCO BRANDS CORP	COM	00081T108	231,741	44,480	SH	SOLE	1	44,480	0	0
ACCOLADE INC	COM	00437E102	428,104	31,782	SH	SOLE	1	31,782	0	0
ACCURAY INC	COM	004397105	173,744	44,895	SH	SOLE	1	44,895	0	0
ACI WORLDWIDE INC	COM	004498101	4,973,834	214,667	SH	SOLE	1	214,667	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	346,659	33,429	SH	SOLE	1	33,429	0	0
ACM RESEARCH INC CLASS A	CL A	00108J109	303,011	23,166	SH	SOLE	1	23,166	0	0
ACNB CORP	COM	000868109	132,912	4,007	SH	SOLE	1	4,007	0	0
ACRIVON THERAPEUTICS INC	COM	004890109	54,212	4,183	SH	SOLE	1	4,183	0	0
ACTINIUM PHARMACEUTICALS INC	COM	00507W206	92,898	12,520	SH	SOLE	1	12,520	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	19,573,448	232,188	SH	SOLE	1	232,188	0	0
ACUITY BRANDS INC	COM	00508Y102	7,821,643	47,962	SH	SOLE	1	47,962	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	822,223	15,037	SH	SOLE	1	15,037	0	0
ACV AUCTIONS INC A	CL A	00091G104	1,056,855	61,196	SH	SOLE	1	61,196	0	0
ADAPTHEALTH CORP	CL A	00653Q102	483,088	39,695	SH	SOLE	1	39,695	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	366,876	54,676	SH	SOLE	1	54,676	0	0
ADDUS HOMECARE CORP	COM	006739106	782,017	8,436	SH	SOLE	1	8,436	0	0
ADEIA INC	COM	00676P107	632,403	57,439	SH	SOLE	1	57,439	0	0
ADICET BIO INC	COM	007002108	35,546	14,628	SH	SOLE	1	14,628	0	0
ADIENT PLC	COM	G0084W101	7,204,926	188,020	SH	SOLE	1	188,020	0	0
ADMA BIOLOGICS INC	COM	000899104	374,136	101,392	SH	SOLE	1	101,392	0	0
ADOBE INC	COM	00724F101	79,460,875	162,500	SH	SOLE	1	162,500	0	0
ADT INC	COM	00090Q103	11,288	1,872	SH	SOLE	1	1,872	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	833,535	24,273	SH	SOLE	1	24,273	0	0
ADTRAN HOLDINGS INC	COM	00486H105	437,532	41,551	SH	SOLE	1	41,551	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	1,131,408	16,094	SH	SOLE	1	16,094	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	10,802,842	94,945	SH	SOLE	1	94,945	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	2,251,959	20,206	SH	SOLE	1	20,206	0	0
ADVANCED MICRO DEVICES	COM	007903107	63,397,522	556,558	SH	SOLE	1	556,558	0	0
ADVANSIX INC	COM	00773T101	499,794	14,288	SH	SOLE	1	14,288	0	0
ADVANTAGE SOLUTIONS INC	CL A	00791N102	97,854	41,818	SH	SOLE	1	41,818	0	0
AECOM	COM	00766T100	17,749,584	209,583	SH	SOLE	1	209,583	0	0
AEHR TEST SYSTEMS	COM	00760J108	513,686	12,453	SH	SOLE	1	12,453	0	0
AERCAP HOLDINGS NV	NV SHS	N00985106	1,981,189	31,190	SH	SOLE	1	31,190	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	2,339,712	42,641	SH	SOLE	1	42,641	0	0
AEROVATE THERAPEUTICS INC	COM	008064107	83,075	4,844	SH	SOLE	1	4,844	0	0
AEROVIRONMENT INC	COM	008073108	1,378,734	13,480	SH	SOLE	1	13,480	0	0

AERSALE CORP	COM	00810F106	181,163	12,324	SH	SOLE	1	12,324	0	0
AES CORP	COM	00130H105	3,886,958	187,504	SH	SOLE	1	187,504	0	0
AEVA TECHNOLOGIES INC	COM	00835Q103	47,816	38,253	SH	SOLE	1	38,253	0	0
AFC GAMMA INC	COM	00109K105	98,231	7,890	SH	SOLE	1	7,890	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	8,161,511	54,450	SH	SOLE	1	54,450	0	0
AFFIRM HOLDINGS INC	CL A	00827B106	29,710	1,938	SH	SOLE	1	1,938	0	0
AFLAC INC	COM	001055102	10,762,462	154,190	SH	SOLE	1	154,190	0	0
AGCO CORP	COM	001084102	12,317,602	93,727	SH	SOLE	1	93,727	0	0
AGENUS INC	COM	00847G705	264,176	165,110	SH	SOLE	1	165,110	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	10,636,353	88,452	SH	SOLE	1	88,452	0	0
AGILITI INC	COM	00848J104	266,294	16,139	SH	SOLE	1	16,139	0	0
AGILON HEALTH INC	COM	00857U107	84,012	4,845	SH	SOLE	1	4,845	0	0
AGILYSYS INC	COM	00847J105	738,566	10,760	SH	SOLE	1	10,760	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	757,164	26,736	SH	SOLE	1	26,736	0	0
AGNC INVESTMENT CORP	COM	00123Q104	51,754	5,109	SH	SOLE	1	5,109	0	0
AGREE REALTY CORP	COM	008492100	9,189,584	140,535	SH	SOLE	1	140,535	0	0
AIR LEASE CORP	COM	00912X302	38,586	922	SH	SOLE	1	922	0	0
AIR PRODUCTS CHEMICALS INC	COM	009158106	20,175,143	67,356	SH	SOLE	1	67,356	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	512,094	27,138	SH	SOLE	1	27,138	0	0
AIRBNB INC CLASS A	CL A	009066101	2,848,228	22,224	SH	SOLE	1	22,224	0	0
AIRSCULPT TECHNOLOGIES INC	COM	009496100	50,505	5,859	SH	SOLE	1	5,859	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	4,167,182	46,369	SH	SOLE	1	46,369	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	1,009,625	21,624	SH	SOLE	1	21,624	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	105,849	33,286	SH	SOLE	1	33,286	0	0
AKOYA BIOSCIENCES INC	COM	00974H104	64,707	8,756	SH	SOLE	1	8,756	0	0
ALAMO GROUP INC	COM	011311107	999,551	5,435	SH	SOLE	1	5,435	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,335,773	25,847	SH	SOLE	1	25,847	0	0
ALASKA AIR GROUP INC	COM	011659109	1,840,773	34,614	SH	SOLE	1	34,614	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,567,477	16,804	SH	SOLE	1	16,804	0	0
ALBEMARLE CORP	COM	012653101	7,556,728	33,873	SH	SOLE	1	33,873	0	0
ALBERTSONS COS INC CLASS A	COM	013091103	88,567	4,059	SH	SOLE	1	4,059	0	0
ALCOA CORP	COM	013872106	9,129,850	269,079	SH	SOLE	1	269,079	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	188,079	22,417	SH	SOLE	1	22,417	0	0
ALECTOR INC	COM	014442107	183,612	30,551	SH	SOLE	1	30,551	0	0
ALERUS FINANCIAL CORP	COM	01446U103	157,559	8,763	SH	SOLE	1	8,763	0	0
ALEXANDER BALDWIN INC	COM	014491104	724,007	38,967	SH	SOLE	1	38,967	0	0
ALEXANDER S INC	COM	014752109	190,295	1,035	SH	SOLE	1	1,035	0	0

ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	4,852,719	42,759	SH	SOLE	1	42,759	0	0
ALICO INC	COM	016230104	87,302	3,429	SH	SOLE	1	3,429	0	0
ALIGHT INC CLASS A	CL A	01626W101	1,771,752	191,748	SH	SOLE	1	191,748	0	0
ALIGN TECHNOLOGY INC	COM	016255101	8,969,725	25,364	SH	SOLE	1	25,364	0	0
ALIGNMENT HEALTHCARE INC	COM	01625V104	235,549	40,965	SH	SOLE	1	40,965	0	0
ALKAMI TECHNOLOGY INC	COM	01644J108	311,787	19,023	SH	SOLE	1	19,023	0	0
ALKERMES PLC	COM	G01767105	2,499,837	79,867	SH	SOLE	1	79,867	0	0
ALLAKOS INC	COM	01671P100	139,507	31,997	SH	SOLE	1	31,997	0	0
ALLBIRDS INC CL A	CL A	01675A109	57,661	45,763	SH	SOLE	1	45,763	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	1,071,233	8,483	SH	SOLE	1	8,483	0	0
ALLEGION PLC	COM	G0176J109	2,952,492	24,600	SH	SOLE	1	24,600	0	0
ALLEGRO MICROSYSTEMS INC	COM	01749D105	4,468,815	98,999	SH	SOLE	1	98,999	0	0
ALLETE INC	COM	018522300	6,595,943	113,782	SH	SOLE	1	113,782	0	0
ALLIANT ENERGY CORP	COM	018802108	3,776,041	71,952	SH	SOLE	1	71,952	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	266,320	6,668	SH	SOLE	1	6,668	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	50,532	895	SH	SOLE	1	895	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	196,578	39,553	SH	SOLE	1	39,553	0	0
ALLOVIR INC	COM	019818103	68,585	20,172	SH	SOLE	1	20,172	0	0
ALLOVIR INC	COM	019818103	3,838,219	1,128,888	SH	SOLE	2	1,128,888	0	0
ALLSTATE CORP	COM	020002101	9,086,412	83,331	SH	SOLE	1	83,331	0	0
ALLY FINANCIAL INC	COM	02005N100	65,121	2,411	SH	SOLE	1	2,411	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	392,416	2,066	SH	SOLE	1	2,066	0	0
ALPHA OMEGA SEMICONDUCTOR	COM	G6331P104	406,851	12,404	SH	SOLE	1	12,404	0	0
ALPHA METALLURGICAL RESOURCE	COM	020764106	1,026,264	6,244	SH	SOLE	1	6,244	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	220,510,263	1,842,191	SH	SOLE	1	1,842,191	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	195,035,939	1,612,267	SH	SOLE	1	1,612,267	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	666,932	37,093	SH	SOLE	1	37,093	0	0
ALPINE IMMUNE SCIENCES INC	COM	02083G100	157,068	15,279	SH	SOLE	1	15,279	0	0
ALPINE INCOME PROPERTY TRUST	COM	02083X103	101,904	6,271	SH	SOLE	1	6,271	0	0
ALTA EQUIPMENT GROUP INC	COM	02128L106	158,639	9,154	SH	SOLE	1	9,154	0	0
ALTAIR ENGINEERING INC A	COM	021369103	1,962,360	25,875	SH	SOLE	1	25,875	0	0
ALTERYX INC CLASS A	COM	02156B103	51,665	1,138	SH	SOLE	1	1,138	0	0
ALTI GLOBAL INC	CL A	02157E106	77,558	10,125	SH	SOLE	1	10,125	0	0
ALTIMMUNE INC	COM	02155H200	83,982	23,791	SH	SOLE	1	23,791	0	0
ALTRIA GROUP INC	COM	02209S103	21,422,551	472,904	SH	SOLE	1	472,904	0	0
ALTUS POWER INC	CL A	02217A102	166,109	30,761	SH	SOLE	1	30,761	0	0

ALX ONCOLOGY HOLDINGS INC	COM	00166B105	78,202	10,413	SH	SOLE	1	10,413	0	0
AMALGAMATED FINANCIAL CORP	COM	022671101	136,974	8,513	SH	SOLE	1	8,513	0	0
AMAZON.COM INC	COM	023135106	363,433,642	2,787,923	SH	SOLE	1	2,787,923	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	339,296	23,827	SH	SOLE	1	23,827	0	0
AMBARELLA INC	COM	G037AX101	1,471,504	17,587	SH	SOLE	1	17,587	0	0
AMC ENTERTAINMENT HLDS CL A	CL A COM	00165C104	20,341	4,623	SH	SOLE	1	4,623	0	0
AMC NETWORKS INC A	COM	00164V103	196,709	16,461	SH	SOLE	1	16,461	0	0
AMCOR PLC	COM	G0250X107	4,919,352	492,921	SH	SOLE	1	492,921	0	0
AMDOCS LTD	COM	G02602103	104,781	1,060	SH	SOLE	1	1,060	0	0
AMEDISYS INC	COM	023436108	4,493,636	49,143	SH	SOLE	1	49,143	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	143,509	4,952	SH	SOLE	1	4,952	0	0
AMERANT BANCORP INC	COM	023576101	213,655	12,429	SH	SOLE	1	12,429	0	0
AMEREN CORPORATION	COM	023608102	5,807,145	71,105	SH	SOLE	1	71,105	0	0
AMERESCO INC CL A	CL A	02361E108	753,181	15,488	SH	SOLE	1	15,488	0	0
AMERICA S CAR MART INC	COM	03062T105	313,409	3,141	SH	SOLE	1	3,141	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	3,212,857	179,089	SH	SOLE	1	179,089	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	507,091	26,411	SH	SOLE	1	26,411	0	0
AMERICAN AXLE MFG HOLDINGS	COM	024061103	508,497	61,487	SH	SOLE	1	61,487	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	1,158,937	98,215	SH	SOLE	1	98,215	0	0
AMERICAN ELECTRIC POWER	COM	025537101	13,686,878	162,552	SH	SOLE	1	162,552	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	2,134,478	40,961	SH	SOLE	1	40,961	0	0
AMERICAN EXPRESS CO	COM	025816109	32,298,248	185,409	SH	SOLE	1	185,409	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	12,513,638	105,378	SH	SOLE	1	105,378	0	0
AMERICAN HOMES 4 RENTA	COM	02665T306	105,180	2,967	SH	SOLE	1	2,967	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	10,905,671	189,532	SH	SOLE	1	189,532	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	15,660	719	SH	SOLE	1	719	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	161,549	15,371	SH	SOLE	1	15,371	0	0
AMERICAN STATES WATER CO	COM	029899101	1,731,735	19,905	SH	SOLE	1	19,905	0	0
AMERICAN TOWER CORP	COM	03027X100	26,684,399	137,591	SH	SOLE	1	137,591	0	0
AMERICAN VANGUARD CORP	COM	030371108	259,848	14,541	SH	SOLE	1	14,541	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	7,547,478	52,872	SH	SOLE	1	52,872	0	0
AMERICAN WELL CORP CLASS A	CL A	03044L105	247,901	118,048	SH	SOLE	1	118,048	0	0
AMERICAN WOODMARK CORP	COM	030506109	683,206	8,946	SH	SOLE	1	8,946	0	0
AMERICOLD REALTY TRUST INC	COM	03064D108	77,714	2,406	SH	SOLE	1	2,406	0	0

AMERIPRISE FINANCIAL INC	COM	03076C106	11,347,914	34,164	SH	SOLE	1	34,164	0	0
AMERIS BANCORP	COM	03076K108	1,214,694	35,507	SH	SOLE	1	35,507	0	0
AMERISAFE INC	COM	03071H100	546,423	10,248	SH	SOLE	1	10,248	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	8,740,748	45,423	SH	SOLE	1	45,423	0	0
AMES NATIONAL CORP	COM	031001100	74,734	4,145	SH	SOLE	1	4,145	0	0
AMETEK INC	COM	031100100	10,211,552	63,081	SH	SOLE	1	63,081	0	0
AMGEN INC	COM	031162100	42,549,023	191,645	SH	SOLE	1	191,645	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,695,286	134,975	SH	SOLE	1	134,975	0	0
AMKOR TECHNOLOGY INC	COM	031652100	5,960,680	200,359	SH	SOLE	1	200,359	0	0
AMMO INC	COM	00175J107	92,482	43,419	SH	SOLE	1	43,419	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	2,372,814	21,745	SH	SOLE	1	21,745	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	181,886	58,673	SH	SOLE	1	58,673	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	1,171,296	20,381	SH	SOLE	1	20,381	0	0
AMPHENOL CORP CL A	CL A	032095101	17,158,286	201,981	SH	SOLE	1	201,981	0	0
AMPLIFY ENERGY CORP	COM	03212B103	118,218	17,462	SH	SOLE	1	17,462	0	0
AMPLITUDE INC CLASS A	CL A	03213A104	358,622	32,602	SH	SOLE	1	32,602	0	0
AMPRIUS TECHNOLOGIES INC	COM	03214Q108	18,582	2,588	SH	SOLE	1	2,588	0	0
AMYLYX PHARMACEUTICALS INC	COM	03237H101	527,322	24,447	SH	SOLE	1	24,447	0	0
AMYRIS INC	COM	03236M200	108,934	105,761	SH	SOLE	1	105,761	0	0
ANALOG DEVICES INC	COM	032654105	35,464,966	182,049	SH	SOLE	1	182,049	0	0
ANAPTYSBIO INC	COM	032724106	186,152	9,152	SH	SOLE	1	9,152	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	274,778	33,798	SH	SOLE	1	33,798	0	0
ANDERSONS INC/THE	COM	034164103	796,134	17,251	SH	SOLE	1	17,251	0	0
ANGEL OAK MORTGAGE REIT INC	COM	03464Y108	46,886	5,690	SH	SOLE	1	5,690	0	0
ANGIODYNAMICS INC	COM	03475V101	212,198	20,345	SH	SOLE	1	20,345	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	375,841	6,982	SH	SOLE	1	6,982	0	0
ANIKA THERAPEUTICS INC	COM	035255108	204,359	7,866	SH	SOLE	1	7,866	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710839	14,905,989	744,927	SH	SOLE	1	744,927	0	0
ANNEXON INC	COM	03589W102	77,327	21,968	SH	SOLE	1	21,968	0	0
ANSYS INC	COM	03662Q105	10,651,868	32,252	SH	SOLE	1	32,252	0	0
ANTERIX INC	COM	03676C100	280,488	8,851	SH	SOLE	1	8,851	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	5,887,650	507,556	SH	SOLE	1	507,556	0	0
ANTERO RESOURCES CORP	COM	03674X106	9,592,962	416,542	SH	SOLE	1	416,542	0	0
ANYWHERE REAL ESTATE INC	COM	75605Y106	387,834	58,059	SH	SOLE	1	58,059	0	0
AON PLC CLASS A	CL A	G0403H108	21,436,230	62,098	SH	SOLE	1	62,098	0	0
APA CORP	COM	03743Q108	3,008,703	88,051	SH	SOLE	1	88,051	0	0

APARTMENT INCOME REIT CO	COM	03750L109	8,121,585	225,037	SH	SOLE	1	225,037	0	0
APARTMENT INVT MGMT COA	COM	03748R747	608,626	71,435	SH	SOLE	1	71,435	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	168,899	1,854	SH	SOLE	1	1,854	0	0
API GROUP CORP	COM	00187Y100	2,746,827	100,764	SH	SOLE	1	100,764	0	0
APOGEE ENTERPRISES INC	COM	037598109	564,039	11,882	SH	SOLE	1	11,882	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	855,950	75,614	SH	SOLE	1	75,614	0	0
APOLLO GLOBAL MANAGEMENT INC	COM	03769M106	745,364	9,704	SH	SOLE	1	9,704	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	722,471	22,863	SH	SOLE	1	22,863	0	0
APPFOLIO INC A	COM	03783C100	1,592,295	9,250	SH	SOLE	1	9,250	0	0
APPIAN CORP A	COM	03782L101	940,576	19,760	SH	SOLE	1	19,760	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	1,569,415	103,866	SH	SOLE	1	103,866	0	0
APPLE INC	COM	037833100	869,775,252	4,484,071	SH	SOLE	1	4,484,071	0	0
APPLIED DIGITAL CORP	COM	038169207	307,073	32,842	SH	SOLE	1	32,842	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	3,003,485	20,738	SH	SOLE	1	20,738	0	0
APPLIED MATERIALS INC	COM	038222105	44,175,760	305,630	SH	SOLE	1	305,630	0	0
APPLOVIN CORP CLASS A	CL A	03831W108	66,795	2,596	SH	SOLE	1	2,596	0	0
APTARGROUP INC	COM	038336103	11,449,865	98,825	SH	SOLE	1	98,825	0	0
APTIV PLC	COM	G6095L109	8,653,659	84,765	SH	SOLE	1	84,765	0	0
ARAMARK	COM	03852U106	16,912,020	392,846	SH	SOLE	1	392,846	0	0
ARBOR REALTY TRUST INC	COM	038923108	1,430,664	96,536	SH	SOLE	1	96,536	0	0
ARBUTUS BIOPHARMA CORP	COM	03879J100	138,179	60,078	SH	SOLE	1	60,078	0	0
ARCBEST CORP	COM	03937C105	1,279,756	12,953	SH	SOLE	1	12,953	0	0
ARCELLX INC	COM	03940C100	577,634	18,268	SH	SOLE	1	18,268	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	7,738,742	103,390	SH	SOLE	1	103,390	0	0
ARCH RESOURCES INC	CL A	03940R107	993,979	8,815	SH	SOLE	1	8,815	0	0
ARCHER AVIATION INC A	CL A	03945R102	302,602	73,447	SH	SOLE	1	73,447	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	13,070,444	172,981	SH	SOLE	1	172,981	0	0
ARCHROCK INC	COM	03957W106	763,174	74,456	SH	SOLE	1	74,456	0	0
ARCONIC CORP	COM	03966V107	1,574,011	53,212	SH	SOLE	1	53,212	0	0
ARCOSA INC	COM	039653100	1,974,794	26,063	SH	SOLE	1	26,063	0	0
ARCTURUS THERAPEUTICS HOLDIN	COM	03969T109	321,876	11,223	SH	SOLE	1	11,223	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	575,139	28,318	SH	SOLE	1	28,318	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	235,848	24,748	SH	SOLE	1	24,748	0	0
ARDAGH METAL PACKAGING SA	CL A	L02235106	9,656	2,568	SH	SOLE	1	2,568	0	0
ARDELYX INC	COM	039697107	347,543	102,520	SH	SOLE	1	102,520	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	244,234	19,776	SH	SOLE	1	19,776	0	0

ARES COMMERCIAL REAL ESTATE	COM	04013V108	254,034	25,028	SH	SOLE	1	25,028	0	0
ARES MANAGEMENT CORP A	COM	03990B101	287,123	2,980	SH	SOLE	1	2,980	0	0
ARGAN INC	COM	04010E109	240,480	6,102	SH	SOLE	1	6,102	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	456,083	15,403	SH	SOLE	1	15,403	0	0
ARIS WATER SOLUTIONS INC A	CL A	04041L106	148,494	14,389	SH	SOLE	1	14,389	0	0
ARISTA NETWORKS INC	COM	040413106	12,049,161	74,350	SH	SOLE	1	74,350	0	0
ARKO CORP	COM	041242108	315,392	39,672	SH	SOLE	1	39,672	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	509,562	46,706	SH	SOLE	1	46,706	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	423,085	36,223	SH	SOLE	1	36,223	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	561,510	105,349	SH	SOLE	1	105,349	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	38,567	525	SH	SOLE	1	525	0	0
ARRAY TECHNOLOGIES INC	COM	04271T100	1,648,783	72,955	SH	SOLE	1	72,955	0	0
ARROW ELECTRONICS INC	COM	042735100	12,204,342	85,208	SH	SOLE	1	85,208	0	0
ARROW FINANCIAL CORP	COM	042744102	138,765	6,890	SH	SOLE	1	6,890	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	7,475,477	209,632	SH	SOLE	1	209,632	0	0
ARS PHARMACEUTICALS INC	COM	82835W108	78,202	11,672	SH	SOLE	1	11,672	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	191,005	4,045	SH	SOLE	1	4,045	0	0
ARTHUR J GALLAGHER CO	COM	363576109	15,593,861	71,020	SH	SOLE	1	71,020	0	0
ARTISAN PARTNERS ASSET MAA	COM	04316A108	1,312,915	33,399	SH	SOLE	1	33,399	0	0
ARTIVION INC	COM	228903100	364,978	21,232	SH	SOLE	1	21,232	0	0
ARVINAS INC	COM	04335A105	586,621	23,635	SH	SOLE	1	23,635	0	0
ASANA INC CL A	CL A	04342Y104	843,427	38,268	SH	SOLE	1	38,268	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	2,797,527	11,636	SH	SOLE	1	11,636	0	0
ASGN INC	COM	00191U102	7,346,925	97,143	SH	SOLE	1	97,143	0	0
ASHLAND INC	COM	044186104	6,368,939	73,282	SH	SOLE	1	73,282	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	3,428,068	4,730	SH	SOLE	1	4,730	0	0
ASPEN AEROGELS INC	COM	04523Y105	194,086	24,599	SH	SOLE	1	24,599	0	0
ASPEN TECHNOLOGY INC	COM	29109X106	7,377,857	44,018	SH	SOLE	1	44,018	0	0
ASSERTIO HOLDINGS INC	COM	04546C205	144,031	26,574	SH	SOLE	1	26,574	0	0
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	313,951	10,585	SH	SOLE	1	10,585	0	0
ASSOCIATED BANC CORP	COM	045487105	4,855,432	299,164	SH	SOLE	1	299,164	0	0
ASSURANT INC	COM	04621X108	1,809,111	14,390	SH	SOLE	1	14,390	0	0
ASSURED GUARANTY LTD	COM	G0585R106	212,207	3,803	SH	SOLE	1	3,803	0	0
AST SPACEMOBILE INC	CL A	00217D100	137,085	29,167	SH	SOLE	1	29,167	0	0
ASTEC INDUSTRIES INC	COM	046224101	554,822	12,210	SH	SOLE	1	12,210	0	0

ASTRAZENECA PLC SPONS ADR	SPON ADR	046353108	2,282,797	31,896	SH	SOLE	1	31,896	0	0
ASTRIA THERAPEUTICS INC	COM	04635X102	102,426	12,296	SH	SOLE	1	12,296	0	0
ASTRONICS CORP	COM	046433108	248,528	12,514	SH	SOLE	1	12,514	0	0
ASURE SOFTWARE INC	COM	04649U102	110,778	9,110	SH	SOLE	1	9,110	0	0
ATT INC	COM	00206R102	33,945,619	2,128,252	SH	SOLE	1	2,128,252	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	74,023	45,977	SH	SOLE	1	45,977	0	0
ATEA PHARMACEUTICALS INC	COM	04683R106	137,999	36,898	SH	SOLE	1	36,898	0	0
ATI INC	COM	01741R102	3,063,901	69,272	SH	SOLE	1	69,272	0	0
ATKORE INC	COM	047649108	2,974,400	19,074	SH	SOLE	1	19,074	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,047,057	40,349	SH	SOLE	1	40,349	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	93,640	2,229	SH	SOLE	1	2,229	0	0
ATLAS ENERGY SOLUTIONS INC A	CL A	04930R107	136,033	7,836	SH	SOLE	1	7,836	0	0
ATLASSIAN CORP CL A	CL A	049468101	1,373,525	8,185	SH	SOLE	1	8,185	0	0
ATMOS ENERGY CORP	COM	049560105	5,413,766	46,534	SH	SOLE	1	46,534	0	0
ATN INTERNATIONAL INC	COM	00215F107	215,720	5,894	SH	SOLE	1	5,894	0	0
ATOMERA INC	COM	04965B100	89,472	10,202	SH	SOLE	1	10,202	0	0
ATRICURE INC	COM	04963C209	1,106,799	22,423	SH	SOLE	1	22,423	0	0
ATRION CORPORATION	COM	049904105	374,493	662	SH	SOLE	1	662	0	0
AURA BIOSCIENCES INC	COM	05153U107	163,279	13,221	SH	SOLE	1	13,221	0	0
AURINIA PHARMACEUTICALS INC	COM	05156V102	630,942	65,180	SH	SOLE	1	65,180	0	0
AURORA INNOVATION INC	CL A	051774107	430,428	146,404	SH	SOLE	1	146,404	0	0
AUTODESK INC	COM	052769106	15,794,664	77,194	SH	SOLE	1	77,194	0	0
AUTOHOME INC ADR	ADR	05278C107	22,512	772	SH	SOLE	1	772	0	0
AUTOLIV INC	COM	052800109	9,849,673	115,824	SH	SOLE	1	115,824	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	34,238,886	155,780	SH	SOLE	1	155,780	0	0
AUTONATION INC	COM	05329W102	7,811,732	47,456	SH	SOLE	1	47,456	0	0
AUTOZONE INC	COM	053332102	13,691,040	5,491	SH	SOLE	1	5,491	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	7,274,025	38,432	SH	SOLE	1	38,432	0	0
AVANGRID INC	COM	05351W103	23,851	633	SH	SOLE	1	633	0	0
AVANOS MEDICAL INC	COM	05350V106	635,652	24,869	SH	SOLE	1	24,869	0	0
AVANTAX INC	COM	095229100	472,061	21,093	SH	SOLE	1	21,093	0	0
AVANTOR INC	COM	05352A100	123,507	6,013	SH	SOLE	1	6,013	0	0
AVEANNA HEALTHCARE HOLDINGS	COM	05356F105	40,856	24,175	SH	SOLE	1	24,175	0	0
AVEPOINT INC	CL A	053604104	425,244	73,827	SH	SOLE	1	73,827	0	0
AVERY DENNISON CORP	COM	053611109	4,725,531	27,506	SH	SOLE	1	27,506	0	0
AVIAT NETWORKS INC	COM	05366Y201	177,929	5,332	SH	SOLE	1	5,332	0	0
AVID BIOSERVICES INC	COM	05368M106	465,858	33,347	SH	SOLE	1	33,347	0	0
AVID TECHNOLOGY INC	COM	05367P100	465,095	18,239	SH	SOLE	1	18,239	0	0
AVIDITY BIOSCIENCES INC	COM	05370A108	377,348	34,026	SH	SOLE	1	34,026	0	0

AVIDXCHANGE HOLDINGS INC	COM	05368X102	746,737	71,940	SH	SOLE	1	71,940	0	0
AVIENT CORP	COM	05368V106	7,031,569	171,921	SH	SOLE	1	171,921	0	0
AVIS BUDGET GROUP INC	COM	053774105	8,236,922	36,021	SH	SOLE	1	36,021	0	0
AVISTA CORP	COM	05379B107	1,592,595	40,555	SH	SOLE	1	40,555	0	0
AVITA MEDICAL INC	COM	05380C102	205,821	12,100	SH	SOLE	1	12,100	0	0
AVNET INC	COM	053807103	6,954,734	137,854	SH	SOLE	1	137,854	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	10,970,647	334,369	SH	SOLE	1	334,369	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	3,211,392	17,517	SH	SOLE	1	17,517	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	37,304	693	SH	SOLE	1	693	0	0
AXOGEN INC	COM	05463X106	178,701	19,573	SH	SOLE	1	19,573	0	0
AXON ENTERPRISE INC	COM	05464C101	3,918,985	20,085	SH	SOLE	1	20,085	0	0
AXONICS INC	COM	05465P101	1,191,950	23,617	SH	SOLE	1	23,617	0	0
AXOS FINANCIAL INC	COM	05465C100	1,195,505	30,312	SH	SOLE	1	30,312	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	1,137,903	15,835	SH	SOLE	1	15,835	0	0
AZEK CO INC/THE	CL A	05478C105	33,077	1,092	SH	SOLE	1	1,092	0	0
AZENTA INC	COM	114340102	4,589,531	98,319	SH	SOLE	1	98,319	0	0
AZZ INC	COM	002474104	579,583	13,336	SH	SOLE	1	13,336	0	0
B. RILEY FINANCIAL INC	COM	05580M108	454,190	9,878	SH	SOLE	1	9,878	0	0
BG FOODS INC	COM	05508R106	532,496	38,254	SH	SOLE	1	38,254	0	0
BABCOCK WILCOX ENTERPR	COM	05614L209	167,011	28,307	SH	SOLE	1	28,307	0	0
BADGER METER INC	COM	056525108	2,331,448	15,800	SH	SOLE	1	15,800	0	0
BAKER HUGHES CO	COM	05722G100	10,872,734	343,965	SH	SOLE	1	343,965	0	0
BAKKT HOLDINGS INC	CL A	05759B107	41,252	33,538	SH	SOLE	1	33,538	0	0
BALCHEM CORP	COM	057665200	2,318,732	17,200	SH	SOLE	1	17,200	0	0
BALL CORP	COM	058498106	5,846,030	100,430	SH	SOLE	1	100,430	0	0
BALLY S CORP	COM	05875B106	220,952	14,200	SH	SOLE	1	14,200	0	0
BANC OF CALIFORNIA INC	COM	05990K106	338,819	29,259	SH	SOLE	1	29,259	0	0
BANCFIRST CORP	COM	05945F103	1,065,544	11,582	SH	SOLE	1	11,582	0	0
BANCORP INC/THE	COM	05969A105	940,124	28,794	SH	SOLE	1	28,794	0	0
BANDWIDTH INC CLASS A	COM	05988J103	154,351	11,283	SH	SOLE	1	11,283	0	0
BANK FIRST CORP	COM	06211J100	373,984	4,495	SH	SOLE	1	4,495	0	0
BANK OF AMERICA CORP	COM	060505104	52,090,023	1,815,616	SH	SOLE	1	1,815,616	0	0
BANK OF HAWAII CORP	COM	062540109	869,747	21,095	SH	SOLE	1	21,095	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	133,886	7,577	SH	SOLE	1	7,577	0	0
BANK OF N.T. BUTTERFIELD SON	COM	G0772R208	660,470	24,140	SH	SOLE	1	24,140	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	10,267,915	230,636	SH	SOLE	1	230,636	0	0
BANK OZK	COM	06417N103	6,530,337	162,608	SH	SOLE	1	162,608	0	0
BANK7 CORP	COM	06652N107	44,080	1,797	SH	SOLE	1	1,797	0	0
BANKUNITED INC	COM	06652K103	861,310	39,968	SH	SOLE	1	39,968	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	69,093	2,834	SH	SOLE	1	2,834	0	0

BANNER CORPORATION	COM	06652V208	803,484	18,399	SH	SOLE	1	18,399	0	0
BAR HARBOR BANKSHARES	COM	066849100	177,162	7,190	SH	SOLE	1	7,190	0	0
BARK INC	COM	68622E104	70,094	52,702	SH	SOLE	1	52,702	0	0
BARNES GROUP INC	COM	067806109	1,114,027	26,405	SH	SOLE	1	26,405	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	280,871	3,221	SH	SOLE	1	3,221	0	0
BATH BODY WORKS INC	COM	070830104	2,324,963	61,999	SH	SOLE	1	61,999	0	0
BAXTER INTERNATIONAL INC	COM	071813109	7,341,948	161,149	SH	SOLE	1	161,149	0	0
BAYCOM CORP	COM	07272M107	94,275	5,652	SH	SOLE	1	5,652	0	0
BCB BANCORP INC	COM	055298103	85,209	7,258	SH	SOLE	1	7,258	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,954,511	23,554	SH	SOLE	1	23,554	0	0
BEAM THERAPEUTICS INC	COM	07373V105	1,050,273	32,893	SH	SOLE	1	32,893	0	0
BEAUTY HEALTH CO/THE	CL A	88331L108	329,644	39,384	SH	SOLE	1	39,384	0	0
BEAZER HOMES USA INC	COM	07556Q881	401,463	14,191	SH	SOLE	1	14,191	0	0
BECTON DICKINSON AND CO	COM	075887109	19,636,272	74,377	SH	SOLE	1	74,377	0	0
BEIGENE LTD ADR	SPON ADR	07725L102	124,810	700	SH	SOLE	1	700	0	0
BEL FUSE INC CL B	CL B	077347300	289,232	5,038	SH	SOLE	1	5,038	0	0
BELDEN INC	COM	077454106	8,061,095	84,277	SH	SOLE	1	84,277	0	0
BELLRING BRANDS INC	COM	07831C103	9,651,383	263,699	SH	SOLE	1	263,699	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	491,132	19,014	SH	SOLE	1	19,014	0	0
BENSON HILL INC	COM	082490103	108,389	83,376	SH	SOLE	1	83,376	0	0
BENTLEY SYSTEMS INC CLASS B	CL B	08265T208	186,389	3,437	SH	SOLE	1	3,437	0	0
BERKSHIRE GREY INC	CL A	084656107	42,982	30,484	SH	SOLE	1	30,484	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	159,245,977	466,997	SH	SOLE	1	466,997	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	491,114	23,691	SH	SOLE	1	23,691	0	0
BERRY CORP	COM	08579X101	252,730	36,734	SH	SOLE	1	36,734	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	11,569,040	179,811	SH	SOLE	1	179,811	0	0
BEST BUY CO INC	COM	086516101	4,339,990	52,959	SH	SOLE	1	52,959	0	0
BEYOND AIR INC	COM	08862L103	52,560	12,338	SH	SOLE	1	12,338	0	0
BEYOND MEAT INC	COM	08862E109	370,475	28,542	SH	SOLE	1	28,542	0	0
BGC PARTNERS INC CL A	CL A	05541T101	670,494	151,353	SH	SOLE	1	151,353	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	94,824	10,352	SH	SOLE	1	10,352	0	0
BIG LOTS INC	COM	089302103	120,997	13,703	SH	SOLE	1	13,703	0	0
BIGBEAR.AI HOLDINGS INC	COM	08975B109	30,376	12,926	SH	SOLE	1	12,926	0	0
BIGCOMMERCE HOLDINGS SER 1	COM SER 1	08975P108	321,962	32,358	SH	SOLE	1	32,358	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	69,985	355	SH	SOLE	1	355	0	0
BILL HOLDINGS INC	COM	090043100	106,801	914	SH	SOLE	1	914	0	0
BIO RAD LABORATORIES A	COM	090572207	2,190,176	5,777	SH	SOLE	1	5,777	0	0
BIO TECHNE CORP	COM	09073M104	3,630,821	44,479	SH	SOLE	1	44,479	0	0

BIOATLA INC	COM	09077B104	63,870	21,290	SH	SOLE	1	21,290	0	0
BIOCRIST PHARMACEUTICALS INC	COM	09058V103	642,287	91,234	SH	SOLE	1	91,234	0	0
BIOGEN INC	COM	09062X103	15,118,129	53,074	SH	SOLE	1	53,074	0	0
BIOHAVEN LTD	COM	G1110E107	670,932	28,049	SH	SOLE	1	28,049	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	412,872	18,682	SH	SOLE	1	18,682	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	163,132	1,882	SH	SOLE	1	1,882	0	0
BIOMEA FUSION INC	COM	09077A106	209,886	9,562	SH	SOLE	1	9,562	0	0
BIOTE CORPA	CL A	090683103	45,556	6,739	SH	SOLE	1	6,739	0	0
BIOVIE INC	CL A	09074F207	6,887	1,598	SH	SOLE	1	1,598	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	61,492	9,233	SH	SOLE	1	9,233	0	0
BIT DIGITAL INC	INC SHS	G1144A105	141,300	34,803	SH	SOLE	1	34,803	0	0
BJ S RESTAURANTS INC	COM	09180C106	390,122	12,268	SH	SOLE	1	12,268	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	12,799,410	203,133	SH	SOLE	1	203,133	0	0
BLACK HILLS CORP	COM	092113109	7,957,454	132,052	SH	SOLE	1	132,052	0	0
BLACK KNIGHT INC	COM	09215C105	82,547	1,382	SH	SOLE	1	1,382	0	0
BLACKBAUD INC	COM	09227Q100	6,322,065	88,818	SH	SOLE	1	88,818	0	0
BLACKLINE INC	COM	09239B109	1,461,159	27,149	SH	SOLE	1	27,149	0	0
BLACKROCK INC	COM	09247X101	32,899,646	47,602	SH	SOLE	1	47,602	0	0
BLACKSKY TECHNOLOGY INC	CL A	09263B108	126,325	56,903	SH	SOLE	1	56,903	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	1,727,292	83,003	SH	SOLE	1	83,003	0	0
BLADE AIR MOBILITY INC	CL A	092667104	110,974	28,166	SH	SOLE	1	28,166	0	0
BLINK CHARGING CO	COM	09354A100	133,092	22,219	SH	SOLE	1	22,219	0	0
BLOCK INC	CL A	852234103	451,811	6,787	SH	SOLE	1	6,787	0	0
BLOOM ENERGY CORPA	COM	093712107	1,516,986	92,782	SH	SOLE	1	92,782	0	0
BLOOMINBRANDS INC	COM	094235108	1,265,632	47,067	SH	SOLE	1	47,067	0	0
BLUE BIRD CORP	COM	095306106	190,113	8,457	SH	SOLE	1	8,457	0	0
BLUE FOUNDRY BANCORP	COM	09549B104	120,390	11,908	SH	SOLE	1	11,908	0	0
BLUE OWL CAPITAL INC	CL A	09581B103	53,893	4,626	SH	SOLE	1	4,626	0	0
BLUE RIDGE BANKSHARES INC	COM	095825105	75,013	8,476	SH	SOLE	1	8,476	0	0
BLUEBIRD BIO INC	COM	09609G100	169,468	51,510	SH	SOLE	1	51,510	0	0
BLUEGREEN VACATIONS HOLDING	CL A	096308101	185,130	5,193	SH	SOLE	1	5,193	0	0
BLUELINX HOLDINGS INC	COM	09624H208	395,001	4,212	SH	SOLE	1	4,212	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	1,849,927	29,271	SH	SOLE	1	29,271	0	0
BOEING CO/THE	COM	097023105	31,270,473	148,089	SH	SOLE	1	148,089	0	0
BOISE CASCADE CO	COM	09739D100	1,927,437	21,333	SH	SOLE	1	21,333	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	20,357	252	SH	SOLE	1	252	0	0
BOOKING HOLDINGS INC	COM	09857L108	36,581,371	13,547	SH	SOLE	1	13,547	0	0
BOOT BARN HOLDINGS INC	COM	099406100	1,353,939	15,987	SH	SOLE	1	15,987	0	0
BOOZ ALLEN HAMILTON	COM	099502106	269,849	2,418	SH	SOLE	1	2,418	0	0

HOLDINGS										
BORGWARNER INC	COM	099724106	3,103,633	63,456	SH	SOLE	1	63,456	0	0
BORR DRILLING LTD	LTD SHS	G1466R173	829,746	110,192	SH	SOLE	1	110,192	0	0
BOSTON BEER COMPANY INC A	COM	100557107	4,392,802	14,242	SH	SOLE	1	14,242	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	209,203	11,116	SH	SOLE	1	11,116	0	0
BOSTON PROPERTIES INC	COM	101121101	2,232,879	38,772	SH	SOLE	1	38,772	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	22,241,808	411,200	SH	SOLE	1	411,200	0	0
BOWLERO CORP	CL A	10258P102	164,776	14,156	SH	SOLE	1	14,156	0	0
BOWMAN CONSULTING GROUP LTD	COM	103002101	154,235	4,838	SH	SOLE	1	4,838	0	0
BOX INC CLASS A	COM	10316T104	1,994,961	67,902	SH	SOLE	1	67,902	0	0
BOYD GAMING CORP	COM	103304101	8,031,797	115,782	SH	SOLE	1	115,782	0	0
BRADY CORPORATION CL A	CL A	104674106	121,969	2,564	SH	SOLE	1	2,564	0	0
BRAEMAR HOTELS RESORTS INC	COM	10482B101	126,948	31,579	SH	SOLE	1	31,579	0	0
BRANDYWINE REALTY TRUST	COM	105368203	425,568	91,520	SH	SOLE	1	91,520	0	0
BRAZE INC A	CL A	10576N102	727,834	16,621	SH	SOLE	1	16,621	0	0
BRC INC A	CL A	05601U105	92,612	17,948	SH	SOLE	1	17,948	0	0
BREAD FINANCIAL HOLDINGS INC	COM	018581108	850,606	27,098	SH	SOLE	1	27,098	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	948,133	55,124	SH	SOLE	1	55,124	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	15,870,234	922,688	SH	SOLE	2	922,688	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	96,954	9,843	SH	SOLE	1	9,843	0	0
BRIGHT GREEN CORP	COM	10920G100	29,328	29,038	SH	SOLE	1	29,038	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	53,621	580	SH	SOLE	1	580	0	0
BRIGHTCOVE	COM	10921T101	83,336	20,782	SH	SOLE	1	20,782	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	4,778,136	100,911	SH	SOLE	1	100,911	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	366,269	17,483	SH	SOLE	1	17,483	0	0
BRIGHTSPIRE CAPITAL INC	CL A	10949T109	417,570	62,046	SH	SOLE	1	62,046	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	142,997	19,916	SH	SOLE	1	19,916	0	0
BRINK S CO/THE	COM	109696104	6,229,439	91,839	SH	SOLE	1	91,839	0	0
BRINKER INTERNATIONAL INC	COM	109641100	863,321	23,588	SH	SOLE	1	23,588	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	35,971,172	562,489	SH	SOLE	1	562,489	0	0
BRISTOW GROUP INC	COM	11040G103	364,383	12,683	SH	SOLE	1	12,683	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	9,972,820	453,310	SH	SOLE	1	453,310	0	0
BROADCOM INC	COM	11135F101	127,467,104	146,948	SH	SOLE	1	146,948	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	5,502,063	33,219	SH	SOLE	1	33,219	0	0
BROADSTONE NET LEASE INC	COM	11135E203	1,398,169	90,555	SH	SOLE	1	90,555	0	0
BROOKDALE SENIOR	COM	112463104	346,378	82,080	SH	SOLE	1	82,080	0	0

LIVING INC										
BROOKFIELD BUSINESS CL A	CL A	11259V106	236,283	12,515	SH	SOLE	1	12,515	0	0
BROOKFIELD INFRASTRUCTURE A	CL A	11275Q107	2,165,050	47,500	SH	SOLE	1	47,500	0	0
BROOKFIELD RENEWABLE COR A	CL A SUB VTG	11284V105	35,870	1,138	SH	SOLE	1	1,138	0	0
BROOKLINE BANCORP INC	COM	11373M107	410,168	46,930	SH	SOLE	1	46,930	0	0
BROWN BROWN INC	COM	115236101	4,507,368	65,476	SH	SOLE	1	65,476	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	55,273	812	SH	SOLE	1	812	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	3,441,908	51,541	SH	SOLE	1	51,541	0	0
BRP GROUP INC A	COM CL A	05589G102	705,363	28,465	SH	SOLE	1	28,465	0	0
BRT APARTMENTS CORP	COM	055645303	113,692	5,742	SH	SOLE	1	5,742	0	0
BRUKER CORP	COM	116794108	11,204,498	151,576	SH	SOLE	1	151,576	0	0
BRUNSWICK CORP	COM	117043109	9,245,614	106,713	SH	SOLE	1	106,713	0	0
BUCKLE INC/THE	COM	118440106	566,229	16,365	SH	SOLE	1	16,365	0	0
BUILD A BEAR WORKSHOP INC	COM	120076104	137,024	6,397	SH	SOLE	1	6,397	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	26,290,432	193,312	SH	SOLE	1	193,312	0	0
BUMBLE INC A	CL A	12047B105	817,807	48,737	SH	SOLE	1	48,737	0	0
BUNGE LTD	COM	G16962105	3,880,710	41,131	SH	SOLE	1	41,131	0	0
BURKE HERBERT FINANCIAL SE	COM	12135Y108	198,827	3,097	SH	SOLE	1	3,097	0	0
BURLINGTON STORES INC	COM	122017106	189,025	1,201	SH	SOLE	1	1,201	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	174,134	11,555	SH	SOLE	1	11,555	0	0
BUTTERFLY NETWORK INC	CL A	124155102	154,493	67,171	SH	SOLE	1	67,171	0	0
BWX TECHNOLOGIES INC	COM	05605H100	9,882,529	138,082	SH	SOLE	1	138,082	0	0
BYLINE BANCORP INC	COM	124411109	215,705	11,924	SH	SOLE	1	11,924	0	0
C F FINANCIAL CORP	COM	12466Q104	84,900	1,581	SH	SOLE	1	1,581	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	3,849,008	40,795	SH	SOLE	1	40,795	0	0
C3.AI INC A	CL A	12468P104	1,029,038	28,247	SH	SOLE	1	28,247	0	0
CABALETTA BIO INC	COM	12674W109	158,935	12,311	SH	SOLE	1	12,311	0	0
CABLE ONE INC	COM	12685J105	4,681,695	7,125	SH	SOLE	1	7,125	0	0
CABOT CORP	COM	127055101	7,415,894	110,867	SH	SOLE	1	110,867	0	0
CACI INTERNATIONAL INCCL A	CL A	127190304	11,717,057	34,377	SH	SOLE	1	34,377	0	0
CACTUS INC A	COM	127203107	1,317,549	31,133	SH	SOLE	1	31,133	0	0
CADENCE BANK	COM	12740C103	7,104,259	361,724	SH	SOLE	1	361,724	0	0
CADENCE DESIGN SYS INC	COM	127387108	23,978,263	102,244	SH	SOLE	1	102,244	0	0
CADIZ INC	COM	127537207	79,255	19,521	SH	SOLE	1	19,521	0	0
CADRE HOLDINGS INC	COM	12763L105	203,983	9,357	SH	SOLE	1	9,357	0	0
CAESARS ENTERTAINMENT INC	COM	12769G100	3,007,434	59,004	SH	SOLE	1	59,004	0	0
CAL MAINE FOODS INC	COM	128030202	922,635	20,503	SH	SOLE	1	20,503	0	0
CALAVO GROWERS INC	COM	128246105	270,437	9,319	SH	SOLE	1	9,319	0	0

CALEDONIA MINING CORP PLC	PLC SHS	G1757E113	91,821	7,902	SH	SOLE	1	7,902	0	0
CALERES INC	COM	129500104	448,185	18,729	SH	SOLE	1	18,729	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q305	1,744,435	38,517	SH	SOLE	1	38,517	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,555,405	30,126	SH	SOLE	1	30,126	0	0
CALIX INC	COM	13100M509	5,730,516	114,817	SH	SOLE	1	114,817	0	0
CALLON PETROLEUM CO	COM	13123X508	1,134,900	32,361	SH	SOLE	1	32,361	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	88,946	5,844	SH	SOLE	1	5,844	0	0
CAMBRIDGE BANCORP	COM	132152109	198,883	3,662	SH	SOLE	1	3,662	0	0
CAMDEN NATIONAL CORP	COM	133034108	213,012	6,878	SH	SOLE	1	6,878	0	0
CAMDEN PROPERTY TRUST	COM	133131102	3,144,492	28,883	SH	SOLE	1	28,883	0	0
CAMPBELL SOUP CO	COM	134429109	2,794,207	61,129	SH	SOLE	1	61,129	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	606,003	20,133	SH	SOLE	1	20,133	0	0
CANNAE HOLDINGS INC	COM	13765N107	696,598	34,468	SH	SOLE	1	34,468	0	0
CANO HEALTH INC	CL A	13781Y103	159,846	114,997	SH	SOLE	1	114,997	0	0
CANTALOUPE INC	COM	138103106	219,728	27,604	SH	SOLE	1	27,604	0	0
CAPITAL BANCORP INC/MD	COM	139737100	84,093	4,646	SH	SOLE	1	4,646	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	194,778	6,357	SH	SOLE	1	6,357	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	11,745,682	107,394	SH	SOLE	1	107,394	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	422,824	68,529	SH	SOLE	1	68,529	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	6,804,026	189,580	SH	SOLE	1	189,580	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	115,829	9,440	SH	SOLE	1	9,440	0	0
CARA THERAPEUTICS INC	COM	140755109	63,709	22,512	SH	SOLE	1	22,512	0	0
CARDINAL HEALTH INC	COM	14149Y108	6,643,732	70,252	SH	SOLE	1	70,252	0	0
CARDLYTICS INC	COM	14161W105	102,776	16,262	SH	SOLE	1	16,262	0	0
CAREDX INC	COM	14167L103	212,959	25,054	SH	SOLE	1	25,054	0	0
CAREMAX INC	CL A	14171W103	112,498	36,173	SH	SOLE	1	36,173	0	0
CARETRUST REIT INC	COM	14174T107	1,067,952	53,774	SH	SOLE	1	53,774	0	0
CARGURUS INC	COM	141788109	1,178,412	52,073	SH	SOLE	1	52,073	0	0
CARIBOU BIOSCIENCES INC	COM	142038108	116,365	27,380	SH	SOLE	1	27,380	0	0
CARISMA THERAPEUTICS INC	COM	14216R101	112,554	12,834	SH	SOLE	1	12,834	0	0
CARLISLE COS INC	COM	142339100	19,720,487	76,874	SH	SOLE	1	76,874	0	0
CARLYLE GROUP INC/THE	COM	14316J108	60,066	1,880	SH	SOLE	1	1,880	0	0
CARMAX INC	COM	143130102	3,592,823	42,925	SH	SOLE	1	42,925	0	0
CARNIVAL CORP	COM	143658300	5,119,651	271,888	SH	SOLE	1	271,888	0	0
CARPARTS.COM INC	COM	14427M107	108,664	25,568	SH	SOLE	1	25,568	0	0
CARPENTER TECHNOLOGY	COM	144285103	1,454,048	25,905	SH	SOLE	1	25,905	0	0
CARRIAGE SERVICES INC	COM	143905107	209,626	6,456	SH	SOLE	1	6,456	0	0
CARRIER GLOBAL CORP	COM	14448C104	11,236,946	226,050	SH	SOLE	1	226,050	0	0

CARROLS RESTAURANT GROUP INC	COM	14574X104	89,158	17,690	SH	SOLE	1	17,690	0	0
CARS.COM INC	COM	14575E105	703,451	35,492	SH	SOLE	1	35,492	0	0
CARTER BANKSHARES INC	COM	146103106	168,192	11,372	SH	SOLE	1	11,372	0	0
CARTER S INC	COM	146229109	4,126,439	56,838	SH	SOLE	1	56,838	0	0
CARVANA CO	COM	146869102	1,197,737	46,209	SH	SOLE	1	46,209	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	2,424,693	26,807	SH	SOLE	1	26,807	0	0
CASEY S GENERAL STORES INC	COM	147528103	13,719,226	56,254	SH	SOLE	1	56,254	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	255,521	6,589	SH	SOLE	1	6,589	0	0
CASSAVA SCIENCES INC	COM	14817C107	469,386	19,143	SH	SOLE	1	19,143	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	164,064	11,958	SH	SOLE	1	11,958	0	0
CATALENT INC	COM	148806102	2,602,120	60,012	SH	SOLE	1	60,012	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	696,622	51,832	SH	SOLE	1	51,832	0	0
CATERPILLAR INC	COM	149123101	37,871,032	153,916	SH	SOLE	1	153,916	0	0
CATHAY GENERAL BANCORP	COM	149150104	4,579,028	142,250	SH	SOLE	1	142,250	0	0
CATO CORP CLASS A	COM	149205106	67,275	8,378	SH	SOLE	1	8,378	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,375,290	4,662	SH	SOLE	1	4,662	0	0
CBIZ INC	COM	124805102	1,230,022	23,086	SH	SOLE	1	23,086	0	0
CBL ASSOCIATES PROPERTIES	COM	124830878	285,572	12,957	SH	SOLE	1	12,957	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	4,002,290	29,000	SH	SOLE	1	29,000	0	0
CBRE GROUP INC A	COM	12504L109	10,132,172	125,538	SH	SOLE	1	125,538	0	0
CCC INTELLIGENT SOLUTIONS HO	COM	12510Q100	20,088	1,792	SH	SOLE	1	1,792	0	0
CDW CORP/DE	COM	12514G108	7,016,123	38,235	SH	SOLE	1	38,235	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	190,954	14,293	SH	SOLE	1	14,293	0	0
CELANESE CORP	COM	150870103	3,137,138	27,091	SH	SOLE	1	27,091	0	0
CELCUITY INC	COM	15102K100	91,068	8,294	SH	SOLE	1	8,294	0	0
CELLDEX THERAPEUTICS INC	COM	15117B202	758,777	22,363	SH	SOLE	1	22,363	0	0
CELSIUS HOLDINGS INC	COM	15118V207	9,254,852	62,034	SH	SOLE	1	62,034	0	0
CENTENE CORP	COM	15135B101	11,507,847	170,613	SH	SOLE	1	170,613	0	0
CENTERPOINT ENERGY INC	COM	15189T107	6,005,891	206,034	SH	SOLE	1	206,034	0	0
CENTERSPACE	COM	15202L107	497,691	8,111	SH	SOLE	1	8,111	0	0
CENTRAL GARDEN PET CO	COM	153527106	203,310	5,244	SH	SOLE	1	5,244	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	775,067	21,258	SH	SOLE	1	21,258	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	224,559	14,294	SH	SOLE	1	14,294	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	74,299	4,809	SH	SOLE	1	4,809	0	0
CENTRUS ENERGY CORP CLASS A	CL A	15643U104	192,462	5,911	SH	SOLE	1	5,911	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	246,009	28,212	SH	SOLE	1	28,212	0	0

CENTURY CASINOS INC	COM	156492100	94,004	13,240	SH	SOLE	1	13,240	0	0
CENTURY COMMUNITIES INC	COM	156504300	1,171,290	15,287	SH	SOLE	1	15,287	0	0
CENTURY THERAPEUTICS INC	COM	15673T100	35,623	11,273	SH	SOLE	1	11,273	0	0
CERENCE INC	COM	156727109	633,122	21,660	SH	SOLE	1	21,660	0	0
CEREVEL THERAPEUTICS HOLDING	COM	15678U128	946,865	29,785	SH	SOLE	1	29,785	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	2,815,151	42,036	SH	SOLE	1	42,036	0	0
CERTARA INC	COM	15687V109	133,771	7,346	SH	SOLE	1	7,346	0	0
CERUS CORP	COM	157085101	210,114	85,412	SH	SOLE	1	85,412	0	0
CEVA INC	COM	157210105	319,222	12,494	SH	SOLE	1	12,494	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	3,927,645	56,578	SH	SOLE	1	56,578	0	0
CHAMPIONX CORP	COM	15872M104	12,189,284	392,696	SH	SOLE	1	392,696	0	0
CHARGE ENTERPRISES INC	COM	159610104	63,541	64,838	SH	SOLE	1	64,838	0	0
CHARGEPOINT HOLDINGS INC	CL A	15961R105	45,673	5,196	SH	SOLE	1	5,196	0	0
CHARLES RIVER LABORATORIES	COM	159864107	2,913,224	13,856	SH	SOLE	1	13,856	0	0
CHART INDUSTRIES INC	COM	16115Q308	13,303,316	83,255	SH	SOLE	1	83,255	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	14,227,873	38,729	SH	SOLE	1	38,729	0	0
CHASE CORP	COM	16150R104	442,574	3,651	SH	SOLE	1	3,651	0	0
CHATHAM LODGING TRUST	COM	16208T102	242,705	25,930	SH	SOLE	1	25,930	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	2,671,184	21,264	SH	SOLE	1	21,264	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	899,772	26,020	SH	SOLE	1	26,020	0	0
CHEFSWAREHOUSE INC/THE	COM	163086101	676,222	18,910	SH	SOLE	1	18,910	0	0
CHEGG INC	COM	163092109	505,112	56,882	SH	SOLE	1	56,882	0	0
CHEMED CORP	COM	16359R103	12,324,618	22,753	SH	SOLE	1	22,753	0	0
CHEMOURS CO/THE	COM	163851108	8,299,106	224,969	SH	SOLE	1	224,969	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	64,759	1,686	SH	SOLE	1	1,686	0	0
CHENIERE ENERGY INC	COM	16411R208	687,144	4,510	SH	SOLE	1	4,510	0	0
CHESAPEAKE ENERGY CORP	COM	165167735	94,642	1,131	SH	SOLE	1	1,131	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	1,119,790	9,410	SH	SOLE	1	9,410	0	0
CHEVRON CORP	COM	166764100	83,648,676	531,609	SH	SOLE	1	531,609	0	0
CHICAGO ATLANTIC REAL ESTATE	COM	167239102	119,397	7,881	SH	SOLE	1	7,881	0	0
CHICO S FAS INC	COM	168615102	350,741	65,559	SH	SOLE	1	65,559	0	0
CHILDREN S PLACE INC/THE	COM	168905107	133,272	5,742	SH	SOLE	1	5,742	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	647,054	112,141	SH	SOLE	1	112,141	0	0
CHINOOK THERAPEUTICS INC	COM	16961L106	1,072,802	27,923	SH	SOLE	1	27,923	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	15,802,932	7,388	SH	SOLE	1	7,388	0	0

CHOICE HOTELS INTL INC	COM	169905106	4,738,759	40,323	SH	SOLE	1	40,323	0	0
CHOICEONE FINANCIAL SVCS INC	COM	170386106	77,326	3,362	SH	SOLE	1	3,362	0	0
CHORD ENERGY CORP	COM	674215207	12,682,348	82,460	SH	SOLE	1	82,460	0	0
CHUBB LTD	COM	H1467J104	27,728,447	143,999	SH	SOLE	1	143,999	0	0
CHURCH DWIGHT CO INC	COM	171340102	9,235,092	92,139	SH	SOLE	1	92,139	0	0
CHURCHILL DOWNS INC	COM	171484108	13,932,030	100,108	SH	SOLE	1	100,108	0	0
CHUY S HOLDINGS INC	COM	171604101	396,076	9,703	SH	SOLE	1	9,703	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	17,089	2,325	SH	SOLE	1	2,325	0	0
CIENA CORP	COM	171779309	9,559,103	224,973	SH	SOLE	1	224,973	0	0
CIMPRESS PLC	SHS EURO	G2143T103	510,636	8,585	SH	SOLE	1	8,585	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	4,139,895	42,539	SH	SOLE	1	42,539	0	0
CINEMARK HOLDINGS INC	COM	17243V102	972,741	58,954	SH	SOLE	1	58,954	0	0
CINTAS CORP	COM	172908105	16,934,024	34,067	SH	SOLE	1	34,067	0	0
CIPHER MINING INC	COM	17253J106	57,286	20,030	SH	SOLE	1	20,030	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	558,347	9,891	SH	SOLE	1	9,891	0	0
CIRRUS LOGIC INC	COM	172755100	6,751,778	83,345	SH	SOLE	1	83,345	0	0
CISCO SYSTEMS INC	COM	17275R102	75,878,417	1,466,533	SH	SOLE	1	1,466,533	0	0
CITIGROUP INC	COM	172967424	23,471,422	509,805	SH	SOLE	1	509,805	0	0
CITIUS PHARMACEUTICALS INC	COM	17322U207	70,981	59,151	SH	SOLE	1	59,151	0	0
CITIZENS NORTHERN CORP	COM	172922106	140,736	7,292	SH	SOLE	1	7,292	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	3,417,732	131,048	SH	SOLE	1	131,048	0	0
CITIZENS FINANCIAL SERVICES	COM	174615104	155,568	2,089	SH	SOLE	1	2,089	0	0
CITY HOLDING CO	COM	177835105	735,218	8,170	SH	SOLE	1	8,170	0	0
CITY OFFICE REIT INC	COM	178587101	104,599	18,779	SH	SOLE	1	18,779	0	0
CIVISTA BANCSHARES INC	COM	178867107	129,491	7,442	SH	SOLE	1	7,442	0	0
CIVITAS RESOURCES INC	COM	17888H103	2,502,870	36,080	SH	SOLE	1	36,080	0	0
CLARIVATE PLC	ORD SHS	G21810109	39,959	4,193	SH	SOLE	1	4,193	0	0
CLAROS MORTGAGE TRUST INC	COM	18270D106	495,705	43,713	SH	SOLE	1	43,713	0	0
CLARUS CORP	COM	18270P109	128,783	14,090	SH	SOLE	1	14,090	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	405,128	81,679	SH	SOLE	1	81,679	0	0
CLEAN HARBORS INC	COM	184496107	12,480,566	75,902	SH	SOLE	1	75,902	0	0
CLEANSARK INC	COM	18452B209	158,044	36,840	SH	SOLE	1	36,840	0	0
CLEAR CHANNEL OUTDOOR HOLDIN	COM	18453H106	244,619	178,554	SH	SOLE	1	178,554	0	0
CLEAR SECURE INCCCLASS A	CL A	18467V109	930,136	40,144	SH	SOLE	1	40,144	0	0
CLEARFIELD INC	COM	18482P103	331,687	7,005	SH	SOLE	1	7,005	0	0
CLEARPOINT NEURO INC	COM	18507C103	79,879	11,033	SH	SOLE	1	11,033	0	0
CLEARWATER PAPER CORP	COM	18538R103	282,193	9,010	SH	SOLE	1	9,010	0	0

CLEARWAY ENERGY INC A	COM	18539C105	8,343	309	SH	SOLE	1	309	0	0
CLEARWAY ENERGY INC C	COM	18539C204	20,849	730	SH	SOLE	1	730	0	0
CLEVELAND CLIFFS INC	COM	185899101	13,019,838	776,840	SH	SOLE	1	776,840	0	0
CLIMB GLOBAL SOLUTIONS INC	COM	946760105	95,768	2,001	SH	SOLE	1	2,001	0	0
CLIPPER REALTY INC	COM	18885T306	34,967	6,167	SH	SOLE	1	6,167	0	0
CLOROX COMPANY	COM	189054109	5,816,252	36,571	SH	SOLE	1	36,571	0	0
CLOUDFLARE INC CLASS A	COM	18915M107	349,599	5,348	SH	SOLE	1	5,348	0	0
CME GROUP INC	COM	12572Q105	21,208,108	114,459	SH	SOLE	1	114,459	0	0
CMS ENERGY CORP	COM	125896100	4,639,488	78,970	SH	SOLE	1	78,970	0	0
CNA FINANCIAL CORP	COM	126117100	8,960	232	SH	SOLE	1	232	0	0
CNB FINANCIAL CORP/PA	COM	126128107	176,288	9,988	SH	SOLE	1	9,988	0	0
CNH INDUSTRIAL NV	N V SHS	N20944109	125,438	8,711	SH	SOLE	1	8,711	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	5,363,125	226,579	SH	SOLE	1	226,579	0	0
CNX RESOURCES CORP	COM	12653C108	5,792,881	326,912	SH	SOLE	1	326,912	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	196,157	5,210	SH	SOLE	1	5,210	0	0
COCA COLA CO/THE	COM	191216100	62,273,201	1,034,095	SH	SOLE	1	1,034,095	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	5,852,656	9,202	SH	SOLE	1	9,202	0	0
COCA COLA EUROPACIFIC PARTNE	COM	G25839104	3,842,670	59,641	SH	SOLE	1	59,641	0	0
CODEXIS INC	COM	192005106	89,869	32,096	SH	SOLE	1	32,096	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	90,539	4,617	SH	SOLE	1	4,617	0	0
COEUR MINING INC	COM	192108504	437,048	153,890	SH	SOLE	1	153,890	0	0
COGENT BIOSCIENCES INC	COM	19240Q201	392,946	33,188	SH	SOLE	1	33,188	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,564,089	23,244	SH	SOLE	1	23,244	0	0
COGNEX CORP	COM	192422103	14,584,135	260,338	SH	SOLE	1	260,338	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	13,554,870	207,642	SH	SOLE	1	207,642	0	0
COHEN STEERS INC	COM	19247A100	726,267	12,524	SH	SOLE	1	12,524	0	0
COHERENT CORP	COM	19247G107	10,708,145	210,046	SH	SOLE	1	210,046	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	174,028	40,756	SH	SOLE	1	40,756	0	0
COHU INC	COM	192576106	1,044,320	25,128	SH	SOLE	1	25,128	0	0
COINBASE GLOBAL INCCLASS A	CL A	19260Q107	106,252	1,485	SH	SOLE	1	1,485	0	0
COLGATE PALMOLIVE CO	COM	194162103	16,942,714	219,921	SH	SOLE	1	219,921	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	399,907	18,609	SH	SOLE	1	18,609	0	0
COLONY BANKCORP	COM	19623P101	74,870	7,948	SH	SOLE	1	7,948	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	6,376,336	314,415	SH	SOLE	1	314,415	0	0
COLUMBIA FINANCIAL INC	COM	197641103	247,195	14,297	SH	SOLE	1	14,297	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	4,120,059	53,341	SH	SOLE	1	53,341	0	0

COLUMBUS MCKINNON CORP/NY	COM	199333105	552,352	13,588	SH	SOLE	1	13,588	0	0
COMCAST CORP CLASS A	COM	20030N101	62,915,633	1,514,215	SH	SOLE	1	1,514,215	0	0
COMERICA INC	COM	200340107	1,510,219	35,652	SH	SOLE	1	35,652	0	0
COMFORT SYSTEMS USA INC	COM	199908104	3,126,368	19,040	SH	SOLE	1	19,040	0	0
COMMERCE BANCSHARES INC	COM	200525103	8,337,002	171,191	SH	SOLE	1	171,191	0	0
COMMERCIAL METALS CO	COM	201723103	12,219,279	232,041	SH	SOLE	1	232,041	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	171,639	15,463	SH	SOLE	1	15,463	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	561,897	99,804	SH	SOLE	1	99,804	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	1,342,596	28,639	SH	SOLE	1	28,639	0	0
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	66,912	2,470	SH	SOLE	1	2,470	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	297,383	67,587	SH	SOLE	1	67,587	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	450,822	13,653	SH	SOLE	1	13,653	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	266,206	7,484	SH	SOLE	1	7,484	0	0
COMMVault SYSTEMS INC	COM	204166102	6,349,820	87,439	SH	SOLE	1	87,439	0	0
COMPASS DIVERSIFIED HOLDINGS	SH BEN INT	20451Q104	659,875	30,423	SH	SOLE	1	30,423	0	0
COMPASS INC CLASS A	CL A	20464U100	503,346	143,813	SH	SOLE	1	143,813	0	0
COMPASS MINERALS INTERNATIONAL	COM	20451N101	625,464	18,396	SH	SOLE	1	18,396	0	0
COMPASS THERAPEUTICS INC	COM	20454B104	139,678	43,924	SH	SOLE	1	43,924	0	0
COMPOSECURE INC	CL A	20459V105	54,290	7,914	SH	SOLE	1	7,914	0	0
COMPUTER PROGRAMSSYSTEMS	COM	205306103	189,298	7,667	SH	SOLE	1	7,667	0	0
COMPX INTERNATIONAL INC	COM	20563P101	15,979	733	SH	SOLE	1	733	0	0
COMSTOCK RESOURCES INC	COM	205768302	572,599	49,362	SH	SOLE	1	49,362	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	120,036	13,133	SH	SOLE	1	13,133	0	0
CONAGRA BRANDS INC	COM	205887102	4,354,230	129,129	SH	SOLE	1	129,129	0	0
CONCENTRIX CORP	COM	20602D101	5,200,462	64,402	SH	SOLE	1	64,402	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	100,255	12,485	SH	SOLE	1	12,485	0	0
CONDUENT INC	COM	206787103	281,704	82,854	SH	SOLE	1	82,854	0	0
CONFLUENT INC CLASS A	CL A	20717M103	121,466	3,440	SH	SOLE	1	3,440	0	0
CONMED CORP	COM	207410101	2,237,157	16,463	SH	SOLE	1	16,463	0	0
CONNECTONE BANCORP INC	COM	20786W107	296,214	17,855	SH	SOLE	1	17,855	0	0
CONOCOPHILLIPS	COM	20825C104	38,118,430	367,903	SH	SOLE	1	367,903	0	0
CONSENSUS CLOUD SOLUTION	COM	20848V105	326,337	10,527	SH	SOLE	1	10,527	0	0
CONSOL ENERGY INC	COM	20854L108	1,229,192	18,127	SH	SOLE	1	18,127	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	152,744	39,881	SH	SOLE	1	39,881	0	0

CONSOLIDATED EDISON INC	COM	209115104	11,543,899	127,698	SH	SOLE	1	127,698	0	0
CONSOLIDATED WATER CO ORD SH	ORD SHS	G23773107	175,449	7,241	SH	SOLE	1	7,241	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	10,523,534	42,756	SH	SOLE	1	42,756	0	0
CONSTELLATION ENERGY	COM	21037T109	9,645,433	105,357	SH	SOLE	1	105,357	0	0
CONSTELLIUM SE	CL A	F21107101	1,048,942	60,985	SH	SOLE	1	60,985	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	607,428	19,351	SH	SOLE	1	19,351	0	0
CONSUMER PORTFOLIO SERVICES	COM	210502100	52,060	4,461	SH	SOLE	1	4,461	0	0
CONTANGO ORE INC	COM	21077F100	45,711	1,794	SH	SOLE	1	1,794	0	0
CONTEXTLOGIC INC A	CL A	21077C305	69,939	10,629	SH	SOLE	1	10,629	0	0
COOPER COS INC/THE	COM	216648402	5,131,827	13,384	SH	SOLE	1	13,384	0	0
COOPER STANDARD HOLDING	COM	21676P103	116,048	8,138	SH	SOLE	1	8,138	0	0
COPART INC	COM	217204106	14,034,756	153,873	SH	SOLE	1	153,873	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	971,324	43,655	SH	SOLE	1	43,655	0	0
COREMAIN INC CLASS A	CL A	21874C102	23,662	755	SH	SOLE	1	755	0	0
CORE LABORATORIES INC	COM	21867A105	585,249	25,172	SH	SOLE	1	25,172	0	0
CORE MOLDING TECHNOLOGIES IN	COM	218683100	84,835	3,729	SH	SOLE	1	3,729	0	0
COREBRIDGE FINANCIAL INC	COM	21871X109	23,258	1,317	SH	SOLE	1	1,317	0	0
CORECARD CORP	COM	45816D100	88,405	3,486	SH	SOLE	1	3,486	0	0
CORECIVIC INC	COM	21871N101	574,782	61,082	SH	SOLE	1	61,082	0	0
CORMEDIX INC	COM	21900C308	85,160	21,478	SH	SOLE	1	21,478	0	0
CORNING INC	COM	219350105	7,889,852	225,167	SH	SOLE	1	225,167	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	5,296,773	223,022	SH	SOLE	1	223,022	0	0
CORSAIR GAMING INC	COM	22041X102	355,864	20,060	SH	SOLE	1	20,060	0	0
CORTEVA INC	COM	22052L104	11,196,420	195,400	SH	SOLE	1	195,400	0	0
CORVEL CORP	COM	221006109	910,418	4,705	SH	SOLE	1	4,705	0	0
COSTAMARE INC	COM	Y1771G102	225,582	23,328	SH	SOLE	1	23,328	0	0
COSTAR GROUP INC	COM	22160N109	13,607,833	152,897	SH	SOLE	1	152,897	0	0
COSTCO WHOLESALE CORP	COM	22160K105	76,318,057	141,755	SH	SOLE	1	141,755	0	0
COTERRA ENERGY INC	COM	127097103	5,721,848	226,160	SH	SOLE	1	226,160	0	0
COTY INC CL A	CL A	222070203	6,796,935	553,046	SH	SOLE	1	553,046	0	0
COUCHBASE INC	COM	22207T101	258,973	16,370	SH	SOLE	1	16,370	0	0
COUPANG INC	CL A	22266T109	354,525	20,375	SH	SOLE	1	20,375	0	0
COURSERA INC	COM	22266M104	816,380	62,702	SH	SOLE	1	62,702	0	0
COUSINS PROPERTIES INC	COM	222795502	5,216,617	228,799	SH	SOLE	1	228,799	0	0
COVENANT LOGISTICS GROUP INC	CL A	22284P105	179,615	4,098	SH	SOLE	1	4,098	0	0
CPI CARD GROUP INC	COM	12634H200	47,616	2,048	SH	SOLE	1	2,048	0	0
CRA INTERNATIONAL INC	COM	12618T105	333,846	3,273	SH	SOLE	1	3,273	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	1,104,928	11,858	SH	SOLE	1	11,858	0	0
CRANE CO	COM	224408104	6,481,608	72,729	SH	SOLE	1	72,729	0	0

CRANE HOLDINGS CO	COM	224441105	4,104,938	72,731	SH	SOLE	1	72,731	0	0
CRAWFORDCOMPANYCL A	CL A	224633206	77,353	6,975	SH	SOLE	1	6,975	0	0
CREDICORP LTD	COM	G2519Y108	133,909	907	SH	SOLE	1	907	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	28,952	57	SH	SOLE	1	57	0	0
CREDO TECHNOLOGY GROUP HOLDI	ORD SHS	G25457105	814,772	46,988	SH	SOLE	1	46,988	0	0
CRESCENT ENERGY INC A	CL A	44952J104	191,863	18,413	SH	SOLE	1	18,413	0	0
CRICUT INC CLASS A	CL A	22658D100	280,905	23,025	SH	SOLE	1	23,025	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	462,483	25,665	SH	SOLE	1	25,665	0	0
CROCS INC	COM	227046109	10,584,202	94,132	SH	SOLE	1	94,132	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	518,694	18,472	SH	SOLE	1	18,472	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	214,540	21,454	SH	SOLE	1	21,454	0	0
CROWDSTRIKE HOLDINGS INC A	CL A	22788C105	2,348,892	15,993	SH	SOLE	1	15,993	0	0
CROWN CASTLE INC	COM	22822V101	14,439,730	126,731	SH	SOLE	1	126,731	0	0
CROWN HOLDINGS INC	COM	228368106	15,725,555	181,024	SH	SOLE	1	181,024	0	0
CRYOPORT INC	COM	229050307	355,954	20,635	SH	SOLE	1	20,635	0	0
CS DISCO INC	COM	126327105	89,409	10,877	SH	SOLE	1	10,877	0	0
CSG SYSTEMS INTL INC	COM	126349109	881,127	16,707	SH	SOLE	1	16,707	0	0
CSW INDUSTRIALS INC	COM	126402106	1,233,628	7,423	SH	SOLE	1	7,423	0	0
CSX CORP	COM	126408103	23,588,061	691,732	SH	SOLE	1	691,732	0	0
CTO REALTY GROWTH INC	COM	22948Q101	181,341	10,580	SH	SOLE	1	10,580	0	0
CTS CORP	COM	126501105	718,657	16,858	SH	SOLE	1	16,858	0	0
CUBESMART	COM	229663109	15,134,113	338,874	SH	SOLE	1	338,874	0	0
CUE BIOPHARMA INC	COM	22978P106	60,718	16,635	SH	SOLE	1	16,635	0	0
CULLEN/FROST BANKERS INC	COM	229899109	10,439,765	97,087	SH	SOLE	1	97,087	0	0
CULLINAN ONCOLOGY INC	COM	230031106	123,277	11,457	SH	SOLE	1	11,457	0	0
CULLINAN ONCOLOGY INC	COM	230031106	13,167,141	1,223,712	SH	SOLE	2	1,223,712	0	0
CUMMINS INC	COM	231021106	9,502,402	38,760	SH	SOLE	1	38,760	0	0
CURTISS WRIGHT CORP	COM	231561101	10,621,425	57,832	SH	SOLE	1	57,832	0	0
CUSHMANWAKEFIELD PLC	COM	G2717B108	728,699	89,083	SH	SOLE	1	89,083	0	0
CUSTOM TRUCK ONE SOURCE INC	CL A	23204X103	184,063	27,309	SH	SOLE	1	27,309	0	0
CUSTOMERS BANCORP INC	COM	23204G100	466,397	15,413	SH	SOLE	1	15,413	0	0
CUTERA INC	COM	232109108	121,358	8,021	SH	SOLE	1	8,021	0	0
CVB FINANCIAL CORP	COM	126600105	947,820	71,372	SH	SOLE	1	71,372	0	0
CVR ENERGY INC	COM	12662P108	476,304	15,898	SH	SOLE	1	15,898	0	0
CVRX INC	COM	126638105	82,650	5,353	SH	SOLE	1	5,353	0	0
CVS HEALTH CORP	COM	126650100	23,209,015	335,730	SH	SOLE	1	335,730	0	0
CXAPP INC	CL A	23248B109	10,254	939	SH	SOLE	1	939	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	1,186,076	7,587	SH	SOLE	1	7,587	0	0

CYMABAY THERAPEUTICS INC	COM	23257D103	516,982	47,213	SH	SOLE	1	47,213	0	0
CYTEK BIOSCIENCES INC	COM	23285D109	536,201	62,787	SH	SOLE	1	62,787	0	0
CYTOKINETICS INC	COM	23282W605	1,635,795	50,147	SH	SOLE	1	50,147	0	0
DAILY JOURNAL CORP	COM	233912104	187,453	648	SH	SOLE	1	648	0	0
DAKOTA GOLD CORP	COM	46655E100	75,570	25,880	SH	SOLE	1	25,880	0	0
DAKTRONICS INC	COM	234264109	120,365	18,807	SH	SOLE	1	18,807	0	0
DANA INC	COM	235825205	1,188,946	69,938	SH	SOLE	1	69,938	0	0
DANAHER CORP	COM	235851102	49,444,320	206,018	SH	SOLE	1	206,018	0	0
DANIMER SCIENTIFIC INC	CL A	236272100	100,531	42,240	SH	SOLE	1	42,240	0	0
DAQO NEW ENERGY CORP ADR	SPNSRD ADS	23703Q203	29,775	750	SH	SOLE	1	750	0	0
DARDEN RESTAURANTS INC	COM	237194105	6,002,516	35,926	SH	SOLE	1	35,926	0	0
DARLING INGREDIENTS INC	COM	237266101	15,351,893	240,663	SH	SOLE	1	240,663	0	0
DASEKE INC	COM	23753F107	138,992	19,494	SH	SOLE	1	19,494	0	0
DATADOG INC CLASS A	COM	23804L103	2,070,309	21,044	SH	SOLE	1	21,044	0	0
DAVE BUSTER S ENTERTAINMEN	COM	238337109	1,029,782	23,110	SH	SOLE	1	23,110	0	0
DAVITA INC	COM	23918K108	1,556,582	15,493	SH	SOLE	1	15,493	0	0
DAY ONE BIOPHARMACEUTICALS I	COM	23954D109	282,942	23,697	SH	SOLE	1	23,697	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	354,971	25,211	SH	SOLE	1	25,211	0	0
DECKERS OUTDOOR CORP	COM	243537107	21,111,677	40,010	SH	SOLE	1	40,010	0	0
DEERE CO	COM	244199105	32,974,767	81,381	SH	SOLE	1	81,381	0	0
DEFINITIVE HEALTHCARE CORP	CL A	24477E103	238,997	21,727	SH	SOLE	1	21,727	0	0
DELEK US HOLDINGS INC	COM	24665A103	767,142	32,031	SH	SOLE	1	32,031	0	0
DELTA AIR LINES INC	COM	247361702	8,992,761	189,162	SH	SOLE	1	189,162	0	0
DELUXE CORP	COM	248019101	408,630	23,377	SH	SOLE	1	23,377	0	0
DENALI THERAPEUTICS INC	COM	24823R105	1,678,116	56,866	SH	SOLE	1	56,866	0	0
DENBURY INC	COM	24790A101	2,089,821	24,227	SH	SOLE	1	24,227	0	0
DENNY S CORP	COM	24869P104	323,917	26,292	SH	SOLE	1	26,292	0	0
DENTSPLY SIRONA INC	COM	24906P109	2,302,191	57,526	SH	SOLE	1	57,526	0	0
DESIGN THERAPEUTICS INC	COM	25056L103	99,370	15,773	SH	SOLE	1	15,773	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	269,195	26,653	SH	SOLE	1	26,653	0	0
DESKTOP METAL INC A	CL A	25058X105	239,000	135,028	SH	SOLE	1	135,028	0	0
DESTINATION XL GROUP INC	COM	25065K104	137,489	28,059	SH	SOLE	1	28,059	0	0
DEVON ENERGY CORP	COM	25179M103	10,169,528	210,375	SH	SOLE	1	210,375	0	0
DEXCOM INC	COM	252131107	18,307,663	142,461	SH	SOLE	1	142,461	0	0
DHI GROUP INC	COM	23331S100	80,327	20,973	SH	SOLE	1	20,973	0	0
DHT HOLDINGS INC	COM	Y2065G121	563,483	66,059	SH	SOLE	1	66,059	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	239,477	1,398	SH	SOLE	1	1,398	0	0

DIAMOND OFFSHORE DRILLING IN	COM	25271C201	697,760	49,000	SH	SOLE	1	49,000	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	8,494,263	64,664	SH	SOLE	1	64,664	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	904,721	112,949	SH	SOLE	1	112,949	0	0
DICE THERAPEUTICS INC	COM	23345J104	866,340	18,647	SH	SOLE	1	18,647	0	0
DICK S SPORTING GOODS INC	COM	253393102	12,264,456	92,779	SH	SOLE	1	92,779	0	0
DIGI INTERNATIONAL INC	COM	253798102	745,219	18,919	SH	SOLE	1	18,919	0	0
DIGIMARC CORP	COM	25381B101	201,487	6,844	SH	SOLE	1	6,844	0	0
DIGITAL REALTY TRUST INC	COM	253868103	9,075,553	79,701	SH	SOLE	1	79,701	0	0
DIGITAL TURBINE INC	COM	25400W102	469,633	50,607	SH	SOLE	1	50,607	0	0
DIGITALBRIDGE GROUP INC	CL A	25401T603	1,146,336	77,929	SH	SOLE	1	77,929	0	0
DIGITALOCEAN HOLDINGS INC	COM	25402D102	1,225,675	30,535	SH	SOLE	1	30,535	0	0
DILLARDS INC CL A	CL A	254067101	569,032	1,744	SH	SOLE	1	1,744	0	0
DIME COMMUNITY BANCSHARES IN	COM	25432X102	328,870	18,654	SH	SOLE	1	18,654	0	0
DINE BRANDS GLOBAL INC	COM	254423106	487,626	8,403	SH	SOLE	1	8,403	0	0
DIODES INC	COM	254543101	2,247,045	24,295	SH	SOLE	1	24,295	0	0
DISC MEDICINE INC	COM	254604101	165,301	3,723	SH	SOLE	1	3,723	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	8,135,915	69,627	SH	SOLE	1	69,627	0	0
DISH NETWORK CORP A	COM	25470M109	107,213	16,269	SH	SOLE	1	16,269	0	0
DISTRIBUTION SOLUTIONS GROUP	COM	520776105	113,543	2,181	SH	SOLE	1	2,181	0	0
DIVERSEY HOLDINGS LTD	ORD SHS	G28923103	317,838	37,883	SH	SOLE	1	37,883	0	0
DIVERSIFIED HEALTHCARE TRUST	COM SH BEN INT	25525P107	258,896	115,065	SH	SOLE	1	115,065	0	0
DMC GLOBAL INC	COM	23291C103	166,944	9,400	SH	SOLE	1	9,400	0	0
DOCGO INC	COM	256086109	350,822	37,441	SH	SOLE	1	37,441	0	0
DOCUSIGN INC	COM	256163106	192,149	3,761	SH	SOLE	1	3,761	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	44,099	527	SH	SOLE	1	527	0	0
DOLE PLC	ORD SHS	G27907107	465,683	34,444	SH	SOLE	1	34,444	0	0
DOLLAR GENERAL CORP	COM	256677105	12,910,411	76,042	SH	SOLE	1	76,042	0	0
DOLLAR TREE INC	COM	256746108	11,838,320	82,497	SH	SOLE	1	82,497	0	0
DOMINION ENERGY INC	COM	25746U109	11,337,401	218,911	SH	SOLE	1	218,911	0	0
DOMINO S PIZZA INC	COM	25754A201	3,655,331	10,847	SH	SOLE	1	10,847	0	0
DOMO INC CLASS B	COM	257554105	216,264	14,752	SH	SOLE	1	14,752	0	0
DONALDSON CO INC	COM	257651109	11,464,772	183,407	SH	SOLE	1	183,407	0	0
DONEGAL GROUP INC CL A	CL A	257701201	106,782	7,400	SH	SOLE	1	7,400	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	606,551	13,322	SH	SOLE	1	13,322	0	0
DOORDASH INC A	CL A	25809K105	380,342	4,977	SH	SOLE	1	4,977	0	0
DORIAN LPG LTD	COM	Y2106R110	441,231	17,202	SH	SOLE	1	17,202	0	0
DORMAN PRODUCTS INC	COM	258278100	1,124,037	14,259	SH	SOLE	1	14,259	0	0

DOUBLEVERIFY HOLDINGS INC	COM	25862V105	272,012	6,989	SH	SOLE	1	6,989	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	324,557	10,862	SH	SOLE	1	10,862	0	0
DOUGLAS ELLIMAN INC	COM	25961D105	86,642	39,028	SH	SOLE	1	39,028	0	0
DOUGLAS EMMETT INC	COM	25960P109	1,148,219	91,346	SH	SOLE	1	91,346	0	0
DOVER CORP	COM	260003108	5,590,915	37,866	SH	SOLE	1	37,866	0	0
DOW INC	COM	260557103	9,865,243	185,228	SH	SOLE	1	185,228	0	0
DOXIMITY INC CLASS A	CL A	26622P107	6,103,664	179,414	SH	SOLE	1	179,414	0	0
DR HORTON INC	COM	23331A109	10,339,391	84,965	SH	SOLE	1	84,965	0	0
DRAFTKINGS INC CL A	CL A	26142V105	206,529	7,773	SH	SOLE	1	7,773	0	0
DRAGONFLY ENERGY HOLDINGS CO	COM	26145B106	10,845	7,328	SH	SOLE	1	7,328	0	0
DREAM FINDERS HOMES INC A	CL A	26154D100	286,818	11,664	SH	SOLE	1	11,664	0	0
DRIL QUIP INC	COM	262037104	425,562	18,288	SH	SOLE	1	18,288	0	0
DRIVEN BRANDS HOLDINGS INC	COM	26210V102	14,991	554	SH	SOLE	1	554	0	0
DROPBOX INC CLASS A	COM	26210C104	10,997,828	412,367	SH	SOLE	1	412,367	0	0
DTE ENERGY COMPANY	COM	233331107	6,140,436	55,812	SH	SOLE	1	55,812	0	0
DTE MIDSTREAM LLC W/I	COM	23345M107	7,244,209	146,141	SH	SOLE	1	146,141	0	0
DUCKHORN PORTFOLIO INC/THE	COM	26414D106	274,186	21,140	SH	SOLE	1	21,140	0	0
DUCOMMUN INC	COM	264147109	235,844	5,413	SH	SOLE	1	5,413	0	0
DUKE ENERGY CORP	COM	26441C204	18,110,788	201,814	SH	SOLE	1	201,814	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	40,889	6,511	SH	SOLE	1	6,511	0	0
DUN BRADSTREET HOLDINGS IN	COM	26484T106	28,080	2,427	SH	SOLE	1	2,427	0	0
DUOLINGO	CL A	26603R106	1,975,431	13,820	SH	SOLE	1	13,820	0	0
DUPONT DE NEMOURS INC	COM	26614N102	8,879,921	124,299	SH	SOLE	1	124,299	0	0
DXC TECHNOLOGY CO	COM	23355L106	1,647,235	61,648	SH	SOLE	1	61,648	0	0
DXP ENTERPRISES INC	COM	233377407	282,323	7,754	SH	SOLE	1	7,754	0	0
DYCOM INDUSTRIES INC	COM	267475101	1,754,642	15,439	SH	SOLE	1	15,439	0	0
DYNATRACE INC	COM	268150109	16,939,652	329,117	SH	SOLE	1	329,117	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	891,868	69,030	SH	SOLE	1	69,030	0	0
DYNE THERAPEUTICS INC	COM	26818M108	230,153	20,458	SH	SOLE	1	20,458	0	0
DYNEX CAPITAL INC	COM	26817Q886	327,491	26,012	SH	SOLE	1	26,012	0	0
DZS INC	COM	268211109	41,625	10,485	SH	SOLE	1	10,485	0	0
E2OPEN PARENT HOLDINGS INC	CL A	29788T103	537,908	96,055	SH	SOLE	1	96,055	0	0
EAGLE BANCORP INC	COM	268948106	348,505	16,470	SH	SOLE	1	16,470	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A150	315,623	6,570	SH	SOLE	1	6,570	0	0
EAGLE MATERIALS INC	COM	26969P108	10,179,091	54,603	SH	SOLE	1	54,603	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	96,811	4,980	SH	SOLE	1	4,980	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	393,061	27,506	SH	SOLE	1	27,506	0	0

EAST WEST BANCORP INC	COM	27579R104	11,263,116	213,357	SH	SOLE	1	213,357	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	722,013	49,794	SH	SOLE	1	49,794	0	0
EASTERN BANKSHARES INC	COM	27627N105	915,980	74,652	SH	SOLE	1	74,652	0	0
EASTGROUP PROPERTIES INC	COM	277276101	11,627,902	66,981	SH	SOLE	1	66,981	0	0
EASTMAN CHEMICAL CO	COM	277432100	2,700,807	32,260	SH	SOLE	1	32,260	0	0
EASTMAN KODAK CO	COM	277461406	126,805	27,447	SH	SOLE	1	27,447	0	0
EATON CORP PLC	COM	G29183103	22,358,298	111,180	SH	SOLE	1	111,180	0	0
EBAY INC	COM	278642103	14,633,562	327,446	SH	SOLE	1	327,446	0	0
EBIX INC	COM	278715206	353,354	14,022	SH	SOLE	1	14,022	0	0
ECHOSTAR CORP A	COM	278768106	280,977	16,204	SH	SOLE	1	16,204	0	0
ECOLAB INC	COM	278865100	13,776,789	73,795	SH	SOLE	1	73,795	0	0
ECOVYST INC	COM	27923Q109	525,487	45,854	SH	SOLE	1	45,854	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	1,136,851	27,520	SH	SOLE	1	27,520	0	0
EDGEWISE THERAPEUTICS INC	COM	28036F105	159,604	20,594	SH	SOLE	1	20,594	0	0
EDISON INTERNATIONAL	COM	281020107	7,199,465	103,664	SH	SOLE	1	103,664	0	0
EDITAS MEDICINE INC	COM	28106W103	275,771	33,508	SH	SOLE	1	33,508	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	17,596,696	186,544	SH	SOLE	1	186,544	0	0
EGAIN CORP	COM	28225C806	77,080	10,291	SH	SOLE	1	10,291	0	0
EHEALTH INC	COM	28238P109	94,566	11,762	SH	SOLE	1	11,762	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	130,147	14,840	SH	SOLE	1	14,840	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	43,922	4,366	SH	SOLE	1	4,366	0	0
ELASTIC NV	COM	N14506104	92,718	1,446	SH	SOLE	1	1,446	0	0
ELECTRONIC ARTS INC	COM	285512109	13,065,459	100,736	SH	SOLE	1	100,736	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	38,189	1,989	SH	SOLE	1	1,989	0	0
ELEVANCE HEALTH INC	COM	036752103	33,622,534	75,677	SH	SOLE	1	75,677	0	0
ELF BEAUTY INC	COM	26856L103	3,084,324	27,001	SH	SOLE	1	27,001	0	0
ELI LILLY CO	COM	532457108	113,441,103	241,889	SH	SOLE	1	241,889	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	483,014	35,001	SH	SOLE	1	35,001	0	0
ELME COMMUNITIES	COM	939653101	776,116	47,209	SH	SOLE	1	47,209	0	0
EMBECTA CORP	COM	29082K105	669,665	31,003	SH	SOLE	1	31,003	0	0
EMCOR GROUP INC	COM	29084Q100	13,279,215	71,865	SH	SOLE	1	71,865	0	0
EMERALD HOLDING INC	COM	29103W104	30,812	7,515	SH	SOLE	1	7,515	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	197,318	26,846	SH	SOLE	1	26,846	0	0
EMERSON ELECTRIC CO	COM	291011104	14,277,101	157,950	SH	SOLE	1	157,950	0	0
EMPIRE PETROLEUM CORP	COM	292034303	44,399	4,879	SH	SOLE	1	4,879	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	476,514	63,620	SH	SOLE	1	63,620	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	538,667	14,399	SH	SOLE	1	14,399	0	0
ENACT HOLDINGS INC	COM	29249E109	363,154	14,451	SH	SOLE	1	14,451	0	0

ENANTA PHARMACEUTICALS INC	COM	29251M106	229,579	10,728	SH	SOLE	1	10,728	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	10,240,393	151,239	SH	SOLE	1	151,239	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	607,604	12,497	SH	SOLE	1	12,497	0	0
ENCORE ENERGY CORP	COM	29259W700	164,270	68,162	SH	SOLE	1	68,162	0	0
ENCORE WIRE CORP	COM	292562105	1,685,455	9,065	SH	SOLE	1	9,065	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	4,505,865	134,183	SH	SOLE	1	134,183	0	0
ENERGY FUELS INC	COM	292671708	472,087	75,655	SH	SOLE	1	75,655	0	0
ENERGY RECOVERY INC	COM	29270J100	749,731	26,824	SH	SOLE	1	26,824	0	0
ENERGY VAULT HOLDINGS INC	COM	29280W109	128,842	47,195	SH	SOLE	1	47,195	0	0
ENERPAC TOOL GROUP CORP	CL A	292765104	832,923	30,849	SH	SOLE	1	30,849	0	0
ENERSYS	COM	29275Y102	8,804,011	81,128	SH	SOLE	1	81,128	0	0
ENETI INC	COM	Y2294C107	143,830	11,877	SH	SOLE	1	11,877	0	0
ENFUSION INC CLASS A	CL A	292812104	137,950	12,295	SH	SOLE	1	12,295	0	0
ENGAGESMART INC	COM	29283F103	446,687	23,399	SH	SOLE	1	23,399	0	0
ENHABIT INC	COM	29332G102	310,811	27,027	SH	SOLE	1	27,027	0	0
ENLIVEN THERAPEUTICS INC	COM	29337E102	229,306	11,235	SH	SOLE	1	11,235	0	0
ENNIS INC	COM	293389102	250,165	12,275	SH	SOLE	1	12,275	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	870,371	16,385	SH	SOLE	1	16,385	0	0
ENOVIS CORP	COM	194014502	4,640,557	72,373	SH	SOLE	1	72,373	0	0
ENOVIX CORP	COM	293594107	1,189,359	65,929	SH	SOLE	1	65,929	0	0
ENPHASE ENERGY INC	COM	29355A107	8,338,159	49,786	SH	SOLE	1	49,786	0	0
ENPRO INDUSTRIES INC	COM	29355X107	1,502,613	11,253	SH	SOLE	1	11,253	0	0
ENSIGN GROUP INC/THE	COM	29358P101	2,804,138	29,375	SH	SOLE	1	29,375	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,403,647	5,747	SH	SOLE	1	5,747	0	0
ENTEGRIS INC	COM	29362U104	155,813	1,406	SH	SOLE	1	1,406	0	0
ENTERGY CORP	COM	29364G103	5,575,309	57,259	SH	SOLE	1	57,259	0	0
ENTERPRISE BANCORP INC	COM	293668109	133,471	4,612	SH	SOLE	1	4,612	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	683,429	17,479	SH	SOLE	1	17,479	0	0
ENTRADA THERAPEUTICS INC	COM	29384C108	155,927	10,299	SH	SOLE	1	10,299	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	127,187	28,972	SH	SOLE	1	28,972	0	0
ENVELA CORP	COM	29402E102	26,879	3,652	SH	SOLE	1	3,652	0	0
ENVESTNET INC	COM	29404K106	6,273,532	105,704	SH	SOLE	1	105,704	0	0
ENVIRI CORP	COM	415864107	418,814	42,433	SH	SOLE	1	42,433	0	0
ENVISTA HOLDINGS CORP	COM	29415F104	8,355,570	246,914	SH	SOLE	1	246,914	0	0
ENVIVA INC	COM	29415B103	163,531	15,072	SH	SOLE	1	15,072	0	0
EOG RESOURCES INC	COM	26875P101	21,359,654	186,645	SH	SOLE	1	186,645	0	0
EOS ENERGY ENTERPRISES INC	CL A	29415C101	224,834	51,805	SH	SOLE	1	51,805	0	0
EPAM SYSTEMS INC	COM	29414B104	3,998,303	17,790	SH	SOLE	1	17,790	0	0
EPLUS INC	COM	294268107	804,865	14,296	SH	SOLE	1	14,296	0	0
EPR PROPERTIES	COM	26884U109	5,313,438	113,535	SH	SOLE	1	113,535	0	0

EQRX INC	COM	26886C107	285,666	153,584	SH	SOLE	1	153,584	0	0
EQT CORP	COM	26884L109	4,413,578	107,308	SH	SOLE	1	107,308	0	0
EQUIFAX INC	COM	294429105	8,087,967	34,373	SH	SOLE	1	34,373	0	0
EQUINIX INC	COM	29444U700	21,964,431	28,018	SH	SOLE	1	28,018	0	0
EQUITABLE HOLDINGS INC	COM	29452E101	180,505	6,646	SH	SOLE	1	6,646	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	8,220,816	859,918	SH	SOLE	1	859,918	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	163,014	7,156	SH	SOLE	1	7,156	0	0
EQUITY COMMONWEALTH	COM	294628102	1,024,082	50,547	SH	SOLE	1	50,547	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	143,546	2,146	SH	SOLE	1	2,146	0	0
EQUITY RESIDENTIAL	COM	29476L107	6,110,603	92,627	SH	SOLE	1	92,627	0	0
ERASCA INC	COM	29479A108	107,198	38,840	SH	SOLE	1	38,840	0	0
ESAB CORP	COM	29605J106	5,200,700	78,159	SH	SOLE	1	78,159	0	0
ESCALADE INC	COM	296056104	63,973	4,792	SH	SOLE	1	4,792	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,426,571	13,766	SH	SOLE	1	13,766	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	151,262	3,307	SH	SOLE	1	3,307	0	0
ESS TECH INC	COM	26916J106	64,555	43,915	SH	SOLE	1	43,915	0	0
ESSA BANCORP INC	COM	29667D104	62,521	4,182	SH	SOLE	1	4,182	0	0
ESSENT GROUP LTD	COM	G3198U102	9,913,363	211,824	SH	SOLE	1	211,824	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	1,882,070	79,952	SH	SOLE	1	79,952	0	0
ESSENTIAL UTILITIES INC	COM	29670G102	14,483,259	362,898	SH	SOLE	1	362,898	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	4,071,431	17,377	SH	SOLE	1	17,377	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	15,285,041	77,834	SH	SOLE	1	77,834	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	346,939	12,268	SH	SOLE	1	12,268	0	0
ETSY INC	COM	29786A106	3,847,217	45,470	SH	SOLE	1	45,470	0	0
EURONET WORLDWIDE INC	COM	298736109	8,373,293	71,341	SH	SOLE	1	71,341	0	0
EUROPEAN WAX CENTER INC A	COM	29882P106	306,221	16,437	SH	SOLE	1	16,437	0	0
EVANS BANCORP INC	COM	29911Q208	62,873	2,522	SH	SOLE	1	2,522	0	0
EVE HOLDING INC	COM	29970N104	91,302	8,712	SH	SOLE	1	8,712	0	0
EVENTBRITE INC CLASS A	COM	29975E109	355,604	37,236	SH	SOLE	1	37,236	0	0
EVERBRIDGE INC	COM	29978A104	527,025	19,592	SH	SOLE	1	19,592	0	0
EVERCOMMERCE INC	COM	29977X105	133,070	11,239	SH	SOLE	1	11,239	0	0
EVERCORE INC A	COM	29977A105	6,576,842	53,215	SH	SOLE	1	53,215	0	0
EVEREST GROUP LTD	COM	G3223R108	4,035,999	11,806	SH	SOLE	1	11,806	0	0
EVERGY INC	COM	30034W106	3,629,751	62,132	SH	SOLE	1	62,132	0	0
EVERI HOLDINGS INC	COM	30034T103	587,727	40,645	SH	SOLE	1	40,645	0	0
EVERQUOTE INC CLASS A	COM	30041R108	66,268	10,195	SH	SOLE	1	10,195	0	0
EVERSOURCE ENERGY	COM	30040W108	9,851,994	138,917	SH	SOLE	1	138,917	0	0
EVERTEC INC	COM	30040P103	1,292,438	35,092	SH	SOLE	1	35,092	0	0
EVGO INC	CL A	30052F100	138,092	34,523	SH	SOLE	1	34,523	0	0

EVI INDUSTRIES INC	COM	26929N102	50,226	2,283	SH	SOLE	1	2,283	0	0
EVOLENT HEALTH INC A	COM	30050B101	1,606,748	53,028	SH	SOLE	1	53,028	0	0
EVOLUS INC	COM	30052C107	144,898	19,931	SH	SOLE	1	19,931	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	122,519	15,182	SH	SOLE	1	15,182	0	0
EVOLV TECHNOLOGIES HOLDINGS	CL A	30049H102	325,422	54,237	SH	SOLE	1	54,237	0	0
EW SCRIPPS CO/THE A	COM	811054402	291,949	31,907	SH	SOLE	1	31,907	0	0
EXACT SCIENCES CORP	COM	30063P105	205,735	2,191	SH	SOLE	1	2,191	0	0
EXCELERATE ENERGY INC A	CL A	30069T101	177,176	8,715	SH	SOLE	1	8,715	0	0
EXELIXIS INC	COM	30161Q104	9,429,084	493,411	SH	SOLE	1	493,411	0	0
EXELON CORP	COM	30161N101	13,471,618	330,673	SH	SOLE	1	330,673	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	9,883,403	65,427	SH	SOLE	1	65,427	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	758,918	37,422	SH	SOLE	1	37,422	0	0
EXPEDIA GROUP INC	COM	30212P303	5,496,191	50,244	SH	SOLE	1	50,244	0	0
EXPEDITORS INTL WASH INC	COM	302130109	6,463,618	53,361	SH	SOLE	1	53,361	0	0
EXPENSIFY INC A	CL A	30219Q106	212,164	26,587	SH	SOLE	1	26,587	0	0
EXPONENT INC	COM	30214U102	9,389,485	100,616	SH	SOLE	1	100,616	0	0
EXPRO GROUP HOLDINGS NV	COM	N3144W105	752,657	42,475	SH	SOLE	1	42,475	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	5,511,320	37,026	SH	SOLE	1	37,026	0	0
EXTREME NETWORKS INC	COM	30226D106	1,769,993	67,946	SH	SOLE	1	67,946	0	0
EXXON MOBIL CORP	COM	30231G102	116,096,945	1,082,489	SH	SOLE	1	1,082,489	0	0
EYENOVIA INC	COM	30234E104	31,732	13,389	SH	SOLE	1	13,389	0	0
EYEPOINT PHARMACEUTICALS INC	COM	30233G209	109,681	12,607	SH	SOLE	1	12,607	0	0
EZCORP INC CL A	CL A	302301106	24,436	2,916	SH	SOLE	1	2,916	0	0
FG ANNUITIES LIFE INC	COM	30190A104	223,491	9,019	SH	SOLE	1	9,019	0	0
F5 INC	COM	315616102	2,394,569	16,372	SH	SOLE	1	16,372	0	0
FABRINET	COM	G3323L100	2,564,870	19,748	SH	SOLE	1	19,748	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	4,385,916	10,947	SH	SOLE	1	10,947	0	0
FAIR ISAAC CORP	COM	303250104	5,780,187	7,143	SH	SOLE	1	7,143	0	0
FARMERS MERCHANTS BANCO/OH	COM	30779N105	147,193	6,539	SH	SOLE	1	6,539	0	0
FARMERS NATL BANC CORP	COM	309627107	219,568	17,750	SH	SOLE	1	17,750	0	0
FARMLAND PARTNERS INC	COM	31154R109	297,314	24,350	SH	SOLE	1	24,350	0	0
FARO TECHNOLOGIES INC	COM	311642102	158,711	9,797	SH	SOLE	1	9,797	0	0
FASTENAL CO	COM	311900104	11,277,767	191,181	SH	SOLE	1	191,181	0	0
FASTLY INC CLASS A	CL A	31188V100	900,499	57,102	SH	SOLE	1	57,102	0	0
FATE THERAPEUTICS INC	COM	31189P102	194,170	40,792	SH	SOLE	1	40,792	0	0
FB FINANCIAL CORP	COM	30257X104	534,072	19,040	SH	SOLE	1	19,040	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	631,881	4,396	SH	SOLE	1	4,396	0	0

FEDERAL REALTY INVS TRUST	SH BEN INT	313745101	1,928,916	19,933	SH	SOLE	1	19,933	0	0
FEDERAL SIGNAL CORP	COM	313855108	2,065,096	32,252	SH	SOLE	1	32,252	0	0
FEDERATED HERMES INC	CL B	314211103	4,570,911	127,501	SH	SOLE	1	127,501	0	0
FEDEX CORP	COM	31428X106	15,012,080	60,557	SH	SOLE	1	60,557	0	0
FENNEC PHARMACEUTICALS INC	COM	31447P100	77,130	8,735	SH	SOLE	1	8,735	0	0
FERGUSON PLC	NEW SHS	G3421J106	306,283	1,947	SH	SOLE	1	1,947	0	0
FIBROGEN INC	COM	31572Q808	118,152	43,760	SH	SOLE	1	43,760	0	0
FIDELITY DD BANCORP INC	COM	31609R100	109,085	2,245	SH	SOLE	1	2,245	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	83,232	2,312	SH	SOLE	1	2,312	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	10,491,569	191,802	SH	SOLE	1	191,802	0	0
FIESTA RESTAURANT GROUP	COM	31660B101	67,657	8,521	SH	SOLE	1	8,521	0	0
FIFTH THIRD BANCORP	COM	316773100	4,922,500	187,810	SH	SOLE	1	187,810	0	0
FIGS INC CLASS A	CL A	30260D103	509,010	61,549	SH	SOLE	1	61,549	0	0
FINANCE OF AMERICA COS INC A	CL A	31738L107	49,119	25,717	SH	SOLE	1	25,717	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	115,044	7,309	SH	SOLE	1	7,309	0	0
FIRST ADVANTAGE CORP	COM	31846B108	405,761	26,331	SH	SOLE	1	26,331	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	8,875,391	155,654	SH	SOLE	1	155,654	0	0
FIRST BANCORP INC/ME	COM	31866P102	114,641	4,710	SH	SOLE	1	4,710	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,165,861	95,406	SH	SOLE	1	95,406	0	0
FIRST BANCORP/NC	COM	318910106	638,108	21,449	SH	SOLE	1	21,449	0	0
FIRST BANCSHARES INC/MS	COM	318916103	377,548	14,611	SH	SOLE	1	14,611	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	80,009	7,708	SH	SOLE	1	7,708	0	0
FIRST BUSEY CORP	COM	319383204	502,721	25,011	SH	SOLE	1	25,011	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	111,561	3,783	SH	SOLE	1	3,783	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	138,613	108	SH	SOLE	1	108	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	696,003	55,020	SH	SOLE	1	55,020	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	252,378	8,489	SH	SOLE	1	8,489	0	0
FIRST COMMUNITY CORP	COM	319835104	61,593	3,548	SH	SOLE	1	3,548	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,035,674	50,669	SH	SOLE	1	50,669	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	183,683	5,657	SH	SOLE	1	5,657	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	7,337,343	257,541	SH	SOLE	1	257,541	0	0
FIRST FOUNDATION INC	COM	32026V104	97,880	24,655	SH	SOLE	1	24,655	0	0
FIRST HAWAIIAN INC	COM	32051X108	148,150	8,226	SH	SOLE	1	8,226	0	0
FIRST HORIZON CORP	COM	320517105	9,141,739	811,157	SH	SOLE	1	811,157	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	10,499,680	199,462	SH	SOLE	1	199,462	0	0

FIRST INTERSTATE BANCSYS A	COM	32055Y201	948,760	39,797	SH	SOLE	1	39,797	0	0
FIRST MERCHANTS CORP	COM	320817109	803,934	28,478	SH	SOLE	1	28,478	0	0
FIRST MID BANCSHARES INC	COM	320866106	222,595	9,221	SH	SOLE	1	9,221	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	123,373	10,264	SH	SOLE	1	10,264	0	0
FIRST SOLAR INC	COM	336433107	5,236,789	27,549	SH	SOLE	1	27,549	0	0
FIRST WATCH RESTAURANT GROUP	COM	33748L101	122,981	7,277	SH	SOLE	1	7,277	0	0
FIRST WESTERN FINANCIAL INC	COM	33751L105	71,777	3,859	SH	SOLE	1	3,859	0	0
FIRSTCASH HOLDINGS INC	COM	33768G107	6,847,622	73,370	SH	SOLE	1	73,370	0	0
FIRSTENERGY CORP	COM	337932107	5,729,590	147,366	SH	SOLE	1	147,366	0	0
FISCALNOTE HOLDINGS INC	CL A	337655104	109,094	29,971	SH	SOLE	1	29,971	0	0
FISERV INC	COM	337738108	23,189,271	183,823	SH	SOLE	1	183,823	0	0
FISKER INC	CL A	33813J106	532,687	94,448	SH	SOLE	1	94,448	0	0
FIVE BELOW	COM	33829M101	16,603,896	84,481	SH	SOLE	1	84,481	0	0
FIVE STAR BANCORP	COM	33830T103	137,576	6,150	SH	SOLE	1	6,150	0	0
FIVE9 INC	COM	338307101	108,999	1,322	SH	SOLE	1	1,322	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	5,235,520	20,852	SH	SOLE	1	20,852	0	0
FLEX LNG LTD	LTD SHS	G35947202	438,014	14,347	SH	SOLE	1	14,347	0	0
FLOOR DECOR HOLDINGS INC A	COM	339750101	201,163	1,935	SH	SOLE	1	1,935	0	0
FLOWERS FOODS INC	COM	343498101	7,232,716	290,704	SH	SOLE	1	290,704	0	0
FLOWSERVE CORP	COM	34354P105	7,348,642	197,810	SH	SOLE	1	197,810	0	0
FLUENCE ENERGY INC	CL A	34379V103	504,828	18,950	SH	SOLE	1	18,950	0	0
FLUOR CORP	COM	343412102	8,390,682	283,469	SH	SOLE	1	283,469	0	0
FLUSHING FINANCIAL CORP	COM	343873105	166,898	13,580	SH	SOLE	1	13,580	0	0
FLYWIRE CORP VOTING	COM	302492103	1,436,128	46,267	SH	SOLE	1	46,267	0	0
FMC CORP	COM	302491303	3,628,006	34,771	SH	SOLE	1	34,771	0	0
FNB CORP	COM	302520101	6,229,869	544,569	SH	SOLE	1	544,569	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	1,486,191	28,303	SH	SOLE	1	28,303	0	0
FOGHORN THERAPEUTICS INC	COM	344174107	68,886	9,785	SH	SOLE	1	9,785	0	0
FOOT LOCKER INC	COM	344849104	4,300,378	158,627	SH	SOLE	1	158,627	0	0
FORAFRIC GLOBAL PLC	ORD SHS	X3R81D102	27,579	2,514	SH	SOLE	1	2,514	0	0
FORD MOTOR CO	COM	345370860	15,570,949	1,029,144	SH	SOLE	1	1,029,144	0	0
FORESTAR GROUP INC	COM	346232101	198,959	8,823	SH	SOLE	1	8,823	0	0
FORGE GLOBAL HOLDINGS INC	COM	34629L103	128,523	52,890	SH	SOLE	1	52,890	0	0
FORGEROCK INC A	CL A	34631B101	467,347	22,753	SH	SOLE	1	22,753	0	0
FORMFACTOR INC	COM	346375108	1,418,419	41,450	SH	SOLE	1	41,450	0	0
FORRESTER RESEARCH INC	COM	346563109	182,889	6,287	SH	SOLE	1	6,287	0	0
FORTINET INC	COM	34959E109	18,968,857	250,944	SH	SOLE	1	250,944	0	0
FORTIVE CORP	COM	34959J108	7,176,724	95,984	SH	SOLE	1	95,984	0	0
FORTUNE BRANDS INNOVATIONS I	COM	34964C106	13,750,724	191,115	SH	SOLE	1	191,115	0	0

FORUM ENERGY TECHNOLOGIES IN	COM	34984V209	120,836	4,722	SH	SOLE	1	4,722	0	0
FORWARD AIR CORP	COM	349853101	1,489,678	14,039	SH	SOLE	1	14,039	0	0
FOSSIL GROUP INC	COM	34988V106	58,915	22,924	SH	SOLE	1	22,924	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,183,208	46,583	SH	SOLE	1	46,583	0	0
FOX CORP CLASS A	COM	35137L105	2,484,244	73,066	SH	SOLE	1	73,066	0	0
FOX CORP CLASS B	COM	35137L204	1,179,228	36,978	SH	SOLE	1	36,978	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	9,112,344	83,977	SH	SOLE	1	83,977	0	0
FRANCHISE GROUP INC	COM	35180X105	313,522	10,947	SH	SOLE	1	10,947	0	0
FRANKLIN BSP REALTY TRUST IN	COM	35243J101	631,734	44,614	SH	SOLE	1	44,614	0	0
FRANKLIN COVEY CO	COM	353469109	256,489	5,872	SH	SOLE	1	5,872	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	2,511,377	24,406	SH	SOLE	1	24,406	0	0
FRANKLIN RESOURCES INC	COM	354613101	2,064,656	77,299	SH	SOLE	1	77,299	0	0
FREEPORT MCMORAN INC	COM	35671D857	15,350,120	383,753	SH	SOLE	1	383,753	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	465,428	18,103	SH	SOLE	1	18,103	0	0
FRESHPET INC	COM	358039105	34,748	528	SH	SOLE	1	528	0	0
FRESHWORKS INC CL A	CL A	358054104	1,371,803	78,032	SH	SOLE	1	78,032	0	0
FRONTDOOR INC	COM	35905A109	1,409,342	44,180	SH	SOLE	1	44,180	0	0
FRONTIER COMMUNICATIONS PARE	COM	35909D109	6,280,860	336,956	SH	SOLE	1	336,956	0	0
FRONTIER GROUP HOLDINGS INC	COM	35909R108	177,377	18,343	SH	SOLE	1	18,343	0	0
FRP HOLDINGS INC	COM	30292L107	182,842	3,176	SH	SOLE	1	3,176	0	0
FS BANCORP INC	COM	30263Y104	95,923	3,190	SH	SOLE	1	3,190	0	0
FTAI AVIATION LTD	LTD SHS	G3730V105	1,518,034	47,948	SH	SOLE	1	47,948	0	0
FTAI INFRASTRUCTURE INC	COM	35953C106	175,795	47,641	SH	SOLE	1	47,641	0	0
FTC SOLAR INC	COM	30320C103	98,603	30,622	SH	SOLE	1	30,622	0	0
FTI CONSULTING INC	COM	302941109	9,758,401	51,306	SH	SOLE	1	51,306	0	0
FUBOTV INC	COM	35953D104	203,803	97,982	SH	SOLE	1	97,982	0	0
FUELCELL ENERGY INC	COM	35952H601	425,915	197,183	SH	SOLE	1	197,183	0	0
FULGENT GENETICS INC	COM	359664109	405,886	10,961	SH	SOLE	1	10,961	0	0
FULL HOUSE RESORTS INC	COM	359678109	105,947	15,813	SH	SOLE	1	15,813	0	0
FULTON FINANCIAL CORP	COM	360271100	1,043,894	87,575	SH	SOLE	1	87,575	0	0
FUNKO INC CLASS A	COM	361008105	181,170	16,744	SH	SOLE	1	16,744	0	0
FUTU HOLDINGS LTD ADR	CL A	36118L106	434,040	10,922	SH	SOLE	1	10,922	0	0
FUTUREFUEL CORP	COM	36116M106	124,059	14,018	SH	SOLE	1	14,018	0	0
FVCBANKCORP INC	COM	36120Q101	83,112	7,717	SH	SOLE	1	7,717	0	0
G III APPAREL GROUP LTD	COM	36237H101	434,924	22,570	SH	SOLE	1	22,570	0	0
GAMBLING.COM GROUP LTD	LTD ORD SHS	G3R239101	52,572	5,134	SH	SOLE	1	5,134	0	0
GAMESTOP CORP CLASS A	COM	36467W109	9,253,994	381,608	SH	SOLE	1	381,608	0	0

GAMING AND LEISURE PROPERTIE	COM	36467J108	108,696	2,243	SH	SOLE	1	2,243	0	0
GANNETT CO INC	COM	36472T109	156,260	69,449	SH	SOLE	1	69,449	0	0
GAP INC/THE	COM	364760108	2,872,031	321,616	SH	SOLE	1	321,616	0	0
GARMIN LTD	COM	H2906T109	4,322,299	41,445	SH	SOLE	1	41,445	0	0
GARTNER INC	COM	366651107	8,603,263	24,559	SH	SOLE	1	24,559	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	14,221	1,055	SH	SOLE	1	1,055	0	0
GATX CORP	COM	361448103	9,016,177	70,034	SH	SOLE	1	70,034	0	0
GCM GROSVENOR INC CLASS A	CL A	36831E108	150,574	19,970	SH	SOLE	1	19,970	0	0
GE HEALTHCARE TECHNOLOGY	COM	36266G107	10,590,853	130,365	SH	SOLE	1	130,365	0	0
GEN DIGITAL INC	COM	668771108	3,097,924	167,004	SH	SOLE	1	167,004	0	0
GENCO SHIPPINGTRADING LTD	COM	Y2685T131	284,360	20,268	SH	SOLE	1	20,268	0	0
GENCOR INDUSTRIES INC	COM	368678108	79,037	5,073	SH	SOLE	1	5,073	0	0
GENELUX CORP	COM	36870H103	43,583	1,332	SH	SOLE	1	1,332	0	0
GENERAC HOLDINGS INC	COM	368736104	2,509,709	16,829	SH	SOLE	1	16,829	0	0
GENERAL DYNAMICS CORP	COM	369550108	12,825,307	59,611	SH	SOLE	1	59,611	0	0
GENERAL ELECTRIC CO	COM	369604301	31,326,034	285,171	SH	SOLE	1	285,171	0	0
GENERAL MILLS INC	COM	370334104	15,937,340	207,788	SH	SOLE	1	207,788	0	0
GENERAL MOTORS CO	COM	37045V100	19,947,396	517,308	SH	SOLE	1	517,308	0	0
GENERATION BIO CO	COM	37148K100	119,878	21,796	SH	SOLE	1	21,796	0	0
GENESCO INC	COM	371532102	145,532	5,812	SH	SOLE	1	5,812	0	0
GENIE ENERGY LTD B	CL B	372284208	134,556	9,516	SH	SOLE	1	9,516	0	0
GENPACT LTD	COM	G3922B107	9,620,061	256,057	SH	SOLE	1	256,057	0	0
GENTEX CORP	COM	371901109	10,314,238	352,503	SH	SOLE	1	352,503	0	0
GENTHERM INC	COM	37253A103	1,005,200	17,788	SH	SOLE	1	17,788	0	0
GENUINE PARTS CO	COM	372460105	9,412,403	55,619	SH	SOLE	1	55,619	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	1,302,715	260,543	SH	SOLE	1	260,543	0	0
GEO GROUP INC/THE	COM	36162J106	460,760	64,352	SH	SOLE	1	64,352	0	0
GERMAN AMERICAN BANCORP	COM	373865104	367,147	13,508	SH	SOLE	1	13,508	0	0
GERON CORP	COM	374163103	769,447	239,703	SH	SOLE	1	239,703	0	0
GETTY REALTY CORP	COM	374297109	814,893	24,095	SH	SOLE	1	24,095	0	0
GEVO INC	COM	374396406	171,090	112,559	SH	SOLE	1	112,559	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,045,605	16,618	SH	SOLE	1	16,618	0	0
GILEAD SCIENCES INC	COM	375558103	30,919,636	401,189	SH	SOLE	1	401,189	0	0
GINKGO BIOWORKS HOLDINGS INC	CL A	37611X100	27,958	15,031	SH	SOLE	1	15,031	0	0
GITLAB INC CL A	CL A	37637K108	46,408	908	SH	SOLE	1	908	0	0
GLACIER BANCORP INC	COM	37637Q105	6,856,465	219,970	SH	SOLE	1	219,970	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	239,595	19,369	SH	SOLE	1	19,369	0	0
GLADSTONE LAND CORP	COM	376549101	262,614	16,141	SH	SOLE	1	16,141	0	0
GLATFELTER CORP	COM	377320106	64,341	21,305	SH	SOLE	1	21,305	0	0
GLAUKOS CORP	COM	377322102	1,797,768	25,246	SH	SOLE	1	25,246	0	0

GLOBAL BUSINESS TRAVEL GROUP	CL A	37890B100	112,296	15,532	SH	SOLE	1	15,532	0	0
GLOBAL INDUSTRIAL CO	COM	37892E102	175,312	6,313	SH	SOLE	1	6,313	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	268,157	29,371	SH	SOLE	1	29,371	0	0
GLOBAL NET LEASE INC	COM	379378201	576,986	56,127	SH	SOLE	1	56,127	0	0
GLOBAL PAYMENTS INC	COM	37940X102	7,502,594	76,153	SH	SOLE	1	76,153	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	69,322	5,467	SH	SOLE	1	5,467	0	0
GLOBALFOUNDRIES INC	ORD SHS	G39387108	1,951,349	30,216	SH	SOLE	1	30,216	0	0
GLOBALSTAR INC	COM	378973408	358,991	332,399	SH	SOLE	1	332,399	0	0
GLOBANT SA	COM	L44385109	137,666	766	SH	SOLE	1	766	0	0
GLOBE LIFE INC	COM	37959E102	2,677,907	24,429	SH	SOLE	1	24,429	0	0
GLOBUS MEDICAL INC A	COM	379577208	7,175,404	120,514	SH	SOLE	1	120,514	0	0
GMS INC	COM	36251C103	1,544,336	22,317	SH	SOLE	1	22,317	0	0
GODADDY INC CLASS A	COM	380237107	171,146	2,278	SH	SOLE	1	2,278	0	0
GOGO INC	COM	38046C109	605,063	35,571	SH	SOLE	1	35,571	0	0
GOHEALTH INC CLASS A	CL A	38046W204	37,193	1,887	SH	SOLE	1	1,887	0	0
GOLAR LNG LTD	COM	G9456A100	984,256	48,798	SH	SOLE	1	48,798	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	459,006	10,981	SH	SOLE	1	10,981	0	0
GOLDEN OCEAN GROUP LTD	LTD SHS	G39637205	447,556	59,279	SH	SOLE	1	59,279	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	28,080,010	87,059	SH	SOLE	1	87,059	0	0
GOODYEAR TIRERUBBER CO	COM	382550101	7,668,871	560,590	SH	SOLE	1	560,590	0	0
GOOSEHEAD INSURANCE INCA	COM	38267D109	652,672	10,378	SH	SOLE	1	10,378	0	0
GOPRO INC CLASS A	COM	38268T103	257,914	62,298	SH	SOLE	1	62,298	0	0
GORMAN RUPP CO	COM	383082104	317,880	11,026	SH	SOLE	1	11,026	0	0
GRAB HOLDINGS LTD CL A	COM	G4124C109	1,108,785	323,261	SH	SOLE	1	323,261	0	0
GRACO INC	COM	384109104	21,981,342	254,561	SH	SOLE	1	254,561	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	470,408	93,335	SH	SOLE	1	93,335	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	4,259,240	7,453	SH	SOLE	1	7,453	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	4,791,215	46,422	SH	SOLE	1	46,422	0	0
GRANITE CONSTRUCTION INC	COM	387328107	942,150	23,684	SH	SOLE	1	23,684	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	130,401	24,604	SH	SOLE	1	24,604	0	0
GRANITE RIDGE RESOURCES INC	COM	387432107	82,921	12,507	SH	SOLE	1	12,507	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	11,169,577	464,818	SH	SOLE	1	464,818	0	0
GRAPHITE BIO INC	COM	38870X104	35,069	13,488	SH	SOLE	1	13,488	0	0
GRAY TELEVISION INC	COM	389375106	314,199	39,873	SH	SOLE	1	39,873	0	0
GREAT LAKES DREDGEDOCK CO	COM	390607109	257,628	31,572	SH	SOLE	1	31,572	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	220,929	4,355	SH	SOLE	1	4,355	0	0
GREEN BRICK PARTNERS INC	COM	392709101	806,446	14,198	SH	SOLE	1	14,198	0	0

GREEN DOT CORP CLASS A	COM	39304D102	467,413	24,942	SH	SOLE	1	24,942	0	0
GREEN PLAINS INC	COM	393222104	1,009,660	31,317	SH	SOLE	1	31,317	0	0
GREENBRIER COMPANIES INC	COM	393657101	731,536	16,973	SH	SOLE	1	16,973	0	0
GREENE COUNTY BANCORP INC	COM	394357107	100,337	3,367	SH	SOLE	1	3,367	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	131,076	12,442	SH	SOLE	1	12,442	0	0
GREIF INC CL A	CL A	397624107	3,500,921	50,819	SH	SOLE	1	50,819	0	0
GREIF INC CL B	COM	397624206	192,275	2,489	SH	SOLE	1	2,489	0	0
GRID DYNAMICS HOLDINGS INC	CL A	39813G109	246,984	26,701	SH	SOLE	1	26,701	0	0
GRIFFON CORP	COM	398433102	957,971	23,771	SH	SOLE	1	23,771	0	0
GRINDR INC	COM	39854F101	109,168	19,741	SH	SOLE	1	19,741	0	0
GRITSTONE BIO INC	COM	39868T105	82,378	42,245	SH	SOLE	1	42,245	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	4,130,911	134,953	SH	SOLE	1	134,953	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	1,934,460	7,495	SH	SOLE	1	7,495	0	0
GROWGENERATION CORP	COM	39986L109	96,308	28,326	SH	SOLE	1	28,326	0	0
GUARANTY BANCSHARES INC	COM	400764106	110,161	4,068	SH	SOLE	1	4,068	0	0
GUARDANT HEALTH INC	COM	40131M109	1,916,302	53,528	SH	SOLE	1	53,528	0	0
GUESS INC	COM	401617105	301,942	15,524	SH	SOLE	1	15,524	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	55,310	727	SH	SOLE	1	727	0	0
GULFPORT ENERGY CORP	COM	402635502	508,224	4,837	SH	SOLE	1	4,837	0	0
GXO LOGISTICS INC	COM	36262G101	11,267,646	179,364	SH	SOLE	1	179,364	0	0
H WORLD GROUP LTD ADR	ADR	44332N106	105,637	2,724	SH	SOLE	1	2,724	0	0
H.B. FULLER CO.	COM	359694106	2,077,795	29,056	SH	SOLE	1	29,056	0	0
HE EQUIPMENT SERVICES INC	COM	404030108	708,530	15,487	SH	SOLE	1	15,487	0	0
HR BLOCK INC	COM	093671105	7,350,529	230,641	SH	SOLE	1	230,641	0	0
HACKETT GROUP INC/THE	COM	404609109	269,094	12,040	SH	SOLE	1	12,040	0	0
HAEMONETICS CORP/MASS	COM	405024100	8,496,121	99,790	SH	SOLE	1	99,790	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	600,955	48,038	SH	SOLE	1	48,038	0	0
HALLADOR ENERGY CO	COM	40609P105	94,227	10,995	SH	SOLE	1	10,995	0	0
HALLIBURTON CO	COM	406216101	8,116,233	246,021	SH	SOLE	1	246,021	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	9,440,240	261,720	SH	SOLE	1	261,720	0	0
HAMILTON LANE INC CLASS A	COM	407497106	1,407,648	17,600	SH	SOLE	1	17,600	0	0
HANCOCK WHITNEY CORP	COM	410120109	6,557,875	170,867	SH	SOLE	1	170,867	0	0
HANESBRANDS INC	COM	410345102	857,797	188,942	SH	SOLE	1	188,942	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	244,195	16,356	SH	SOLE	1	16,356	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	1,245,850	49,834	SH	SOLE	1	49,834	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	6,090,509	53,884	SH	SOLE	1	53,884	0	0

HARBORONE BANCORP INC	COM	41165Y100	175,379	20,205	SH	SOLE	1	20,205	0	0
HARLEY DAVIDSON INC	COM	412822108	6,947,708	197,322	SH	SOLE	1	197,322	0	0
HARMONIC INC	COM	413160102	957,636	59,223	SH	SOLE	1	59,223	0	0
HARMONY BIOSCIENCES HOLDINGS	COM	413197104	617,409	17,545	SH	SOLE	1	17,545	0	0
HARROW HEALTH INC	COM	415858109	238,305	12,516	SH	SOLE	1	12,516	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	6,046,583	83,957	SH	SOLE	1	83,957	0	0
HARVARD BIOSCIENCE INC	COM	416906105	103,371	18,829	SH	SOLE	1	18,829	0	0
HASBRO INC	COM	418056107	2,842,431	43,885	SH	SOLE	1	43,885	0	0
HASHICORP INC CL A	CL A	418100103	37,752	1,442	SH	SOLE	1	1,442	0	0
HAVERTY FURNITURE	COM	419596101	235,323	7,787	SH	SOLE	1	7,787	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	5,982,738	165,269	SH	SOLE	1	165,269	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	295,087	27,399	SH	SOLE	1	27,399	0	0
HAWKINS INC	COM	420261109	494,736	10,374	SH	SOLE	1	10,374	0	0
HAYNES INTERNATIONAL INC	COM	420877201	342,069	6,731	SH	SOLE	1	6,731	0	0
HAYWARD HOLDINGS INC	COM	421298100	12,644	984	SH	SOLE	1	984	0	0
HBT FINANCIAL INC/DE	COM	404111106	119,159	6,462	SH	SOLE	1	6,462	0	0
HCA HEALTHCARE INC	COM	40412C101	19,220,299	63,333	SH	SOLE	1	63,333	0	0
HCI GROUP INC	COM	40416E103	214,809	3,477	SH	SOLE	1	3,477	0	0
HEALTH CATALYST INC	COM	42225T107	335,863	26,869	SH	SOLE	1	26,869	0	0
HEALTHCARE REALTY TRUST INC	CL A	42226K105	10,832,863	574,383	SH	SOLE	1	574,383	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	596,707	39,967	SH	SOLE	1	39,967	0	0
HEALTHEQUITY INC	COM	42226A107	10,647,424	168,632	SH	SOLE	1	168,632	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	2,977,192	148,119	SH	SOLE	1	148,119	0	0
HEALTHSTREAM INC	COM	42222N103	321,736	13,100	SH	SOLE	1	13,100	0	0
HEARTLAND EXPRESS INC	COM	422347104	412,794	25,155	SH	SOLE	1	25,155	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	567,461	20,361	SH	SOLE	1	20,361	0	0
HECLA MINING CO	COM	422704106	1,489,921	289,305	SH	SOLE	1	289,305	0	0
HEICO CORP	COM	422806109	140,844	796	SH	SOLE	1	796	0	0
HEICO CORP CLASS A	COM	422806208	197,965	1,408	SH	SOLE	1	1,408	0	0
HEIDRICK STRUGGLES INTL	COM	422819102	282,144	10,659	SH	SOLE	1	10,659	0	0
HELEN OF TROY LTD	COM	G4388N106	5,146,181	47,641	SH	SOLE	1	47,641	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	1,043,032	15,782	SH	SOLE	1	15,782	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	569,847	77,215	SH	SOLE	1	77,215	0	0
HELMERICH PAYNE	COM	423452101	1,917,703	54,096	SH	SOLE	1	54,096	0	0
HENRY SCHEIN INC	COM	806407102	2,876,374	35,467	SH	SOLE	1	35,467	0	0
HERBALIFE LTD	COM	G4412G101	630,158	47,595	SH	SOLE	1	47,595	0	0
HERC HOLDINGS INC	COM	42704L104	1,863,486	13,617	SH	SOLE	1	13,617	0	0
HERITAGE COMMERCE CORP	COM	426927109	236,220	28,529	SH	SOLE	1	28,529	0	0

HERITAGE CRYSTAL CLEAN INC	COM	42726M106	285,655	7,559	SH	SOLE	1	7,559	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	301,651	18,655	SH	SOLE	1	18,655	0	0
HERON THERAPEUTICS INC	COM	427746102	57,812	49,838	SH	SOLE	1	49,838	0	0
HERSHA HOSPITALITY TRUST A	COM	427825500	91,728	15,062	SH	SOLE	1	15,062	0	0
HERSHEY CO/THE	COM	427866108	9,847,419	39,437	SH	SOLE	1	39,437	0	0
HERTZ GLOBAL HLDGS INC	COM	42806J700	4,368,250	237,534	SH	SOLE	1	237,534	0	0
HESS CORP	COM	42809H107	12,147,948	89,356	SH	SOLE	1	89,356	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	13,200,012	785,715	SH	SOLE	1	785,715	0	0
HEXCEL CORP	COM	428291108	9,674,229	127,259	SH	SOLE	1	127,259	0	0
HF FOODS GROUP INC	COM	40417F109	90,911	19,384	SH	SOLE	1	19,384	0	0
HF SINCLAIR CORP	COM	403949100	8,674,370	194,449	SH	SOLE	1	194,449	0	0
HIBBETT INC	COM	428567101	245,502	6,765	SH	SOLE	1	6,765	0	0
HIGHPEAK ENERGY INC	COM	43114Q105	55,738	5,123	SH	SOLE	1	5,123	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	3,802,909	159,051	SH	SOLE	1	159,051	0	0
HILLENBRAND INC	COM	431571108	1,904,283	37,135	SH	SOLE	1	37,135	0	0
HILLEVAX INC	COM	43157M102	175,613	10,216	SH	SOLE	1	10,216	0	0
HILLMAN SOLUTIONS CORP	COM	431636109	748,812	83,109	SH	SOLE	1	83,109	0	0
HILLTOP HOLDINGS INC	COM	432748101	788,262	25,056	SH	SOLE	1	25,056	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	7,018,344	154,453	SH	SOLE	1	154,453	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	13,467,159	92,526	SH	SOLE	1	92,526	0	0
HIMALAYA SHIPPING LTD	ORD SHS	G4660A103	73,286	13,181	SH	SOLE	1	13,181	0	0
HIMSHERS HEALTH INC	CL A	433000106	553,105	58,841	SH	SOLE	1	58,841	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	152,637	716	SH	SOLE	1	716	0	0
HIPPO HOLDINGS INC	COM	433539202	83,410	5,046	SH	SOLE	1	5,046	0	0
HIREQUEST INC	COM	433535101	67,131	2,579	SH	SOLE	1	2,579	0	0
HIRERIGHT HOLDINGS CORP	COM	433537107	81,658	7,220	SH	SOLE	1	7,220	0	0
HNI CORP	COM	404251100	699,540	24,824	SH	SOLE	1	24,824	0	0
HOLLEY INC	COM	43538H103	103,943	25,414	SH	SOLE	1	25,414	0	0
HOLOGIC INC	COM	436440101	5,855,831	72,321	SH	SOLE	1	72,321	0	0
HOME BANCORP INC	COM	43689E107	115,870	3,489	SH	SOLE	1	3,489	0	0
HOME BANCSHARES INC	COM	436893200	8,542,864	374,687	SH	SOLE	1	374,687	0	0
HOME DEPOT INC	COM	437076102	93,923,247	302,354	SH	SOLE	1	302,354	0	0
HOME POINT CAPITAL INC	COM	43734L106	8,737	3,766	SH	SOLE	1	3,766	0	0
HOMESTREET INC	COM	43785V102	51,599	8,716	SH	SOLE	1	8,716	0	0
HOMETRUST BANCSHARES INC	COM	437872104	156,424	7,488	SH	SOLE	1	7,488	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	43,602,183	210,131	SH	SOLE	1	210,131	0	0
HOOKEER FURNISHINGS CORP	COM	439038100	98,730	5,291	SH	SOLE	1	5,291	0	0
HOPE BANCORP INC	COM	43940T109	524,221	62,259	SH	SOLE	1	62,259	0	0

HORACE MANN EDUCATORS	COM	440327104	654,478	22,066	SH	SOLE	1	22,066	0	0
HORIZON BANCORP INC/IN	COM	440407104	216,247	20,773	SH	SOLE	1	20,773	0	0
HORIZON THERAPEUTICS PLC	COM	G46188101	402,555	3,914	SH	SOLE	1	3,914	0	0
HORMEL FOODS CORP	COM	440452100	4,807,778	119,537	SH	SOLE	1	119,537	0	0
HOST HOTELS RESORTS INC	COM	44107P104	3,240,734	192,557	SH	SOLE	1	192,557	0	0
HOSTESS BRANDS INC	COM	44109J106	1,806,835	71,360	SH	SOLE	1	71,360	0	0
HOULIHAN LOKEY INC	COM	441593100	46,992	478	SH	SOLE	1	478	0	0
HOVNIAN ENTERPRISES A	CL A	442487401	229,969	2,318	SH	SOLE	1	2,318	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	23,676	300	SH	SOLE	1	300	0	0
HOWMET AEROSPACE INC	COM	443201108	4,941,429	99,706	SH	SOLE	1	99,706	0	0
HP INC	COM	40434L105	15,004,261	488,579	SH	SOLE	1	488,579	0	0
HUB GROUP INC CL A	CL A	443320106	1,416,363	17,634	SH	SOLE	1	17,634	0	0
HUBBELL INC	COM	443510607	26,877,911	81,065	SH	SOLE	1	81,065	0	0
HUBSPOT INC	COM	443573100	451,744	849	SH	SOLE	1	849	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	310,795	73,648	SH	SOLE	1	73,648	0	0
HUDSON TECHNOLOGIES INC	COM	444144109	203,040	21,106	SH	SOLE	1	21,106	0	0
HUMACYTE INC	COM	44486Q103	84,301	29,476	SH	SOLE	1	29,476	0	0
HUMANA INC	COM	444859102	17,883,859	39,997	SH	SOLE	1	39,997	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	5,294,222	29,245	SH	SOLE	1	29,245	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	4,213,535	390,866	SH	SOLE	1	390,866	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	2,456,942	10,795	SH	SOLE	1	10,795	0	0
HUNTSMAN CORP	COM	447011107	42,043	1,556	SH	SOLE	1	1,556	0	0
HURON CONSULTING GROUP INC	COM	447462102	778,625	9,170	SH	SOLE	1	9,170	0	0
HYATT HOTELS CORP CL A	CL A	448579102	47,436	414	SH	SOLE	1	414	0	0
HYLIION HOLDINGS CORP	COM	449109107	118,665	71,057	SH	SOLE	1	71,057	0	0
HYSTER YALE MATERIALS	COM	449172105	291,932	5,228	SH	SOLE	1	5,228	0	0
I 80 GOLD CORP	COM	44955L106	209,219	92,986	SH	SOLE	1	92,986	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	247,962	10,847	SH	SOLE	1	10,847	0	0
IAC INC	COM	44891N208	43,018	685	SH	SOLE	1	685	0	0
IBEX LTD	SHS	G4690M101	111,776	5,265	SH	SOLE	1	5,265	0	0
IBEX LTD	SHS NEW	G4690M101	8,575,795	403,947	SH	SOLE	2	403,947	0	0
ICF INTERNATIONAL INC	COM	44925C103	1,121,873	9,019	SH	SOLE	1	9,019	0	0
ICHOH HOLDINGS LTD	COM	G4740B105	575,625	15,350	SH	SOLE	1	15,350	0	0
ICON PLC	PLC SHS	G4705A100	211,169	844	SH	SOLE	1	844	0	0
ICOSAVAX INC	COM	45114M109	131,642	13,257	SH	SOLE	1	13,257	0	0
ICU MEDICAL INC	COM	44930G107	5,432,657	30,488	SH	SOLE	1	30,488	0	0
IDACORP INC	COM	451107106	7,831,663	76,332	SH	SOLE	1	76,332	0	0
IDEAYA BIOSCIENCES	COM	45166A102	614,126	26,133	SH	SOLE	1	26,133	0	0

INC										
IDEX CORP	COM	45167R104	4,472,457	20,777	SH	SOLE	1	20,777	0	0
IDEXX LABORATORIES INC	COM	45168D104	15,223,596	30,312	SH	SOLE	1	30,312	0	0
IDT CORP CLASS B	COM	448947507	193,746	7,495	SH	SOLE	1	7,495	0	0
IES HOLDINGS INC	COM	44951W106	224,335	3,944	SH	SOLE	1	3,944	0	0
IGM BIOSCIENCES INC	COM	449585108	52,999	5,742	SH	SOLE	1	5,742	0	0
IHEARTMEDIA INC CLASS A	CL A	45174J509	179,943	49,435	SH	SOLE	1	49,435	0	0
IKENA ONCOLOGY INC	COM	45175G108	67,122	10,232	SH	SOLE	1	10,232	0	0
ILLINOIS TOOL WORKS	COM	452308109	22,574,188	90,239	SH	SOLE	1	90,239	0	0
ILLUMINA INC	COM	452327109	10,378,884	55,357	SH	SOLE	1	55,357	0	0
IMAX CORP	COM	45245E109	367,562	21,634	SH	SOLE	1	21,634	0	0
IMMERSION CORPORATION	COM	452521107	106,703	15,071	SH	SOLE	1	15,071	0	0
IMMUNEERING CORP CLASS A	CL A	45254E107	98,977	9,761	SH	SOLE	1	9,761	0	0
IMMUNITYBIO INC	COM	45256X103	147,518	53,064	SH	SOLE	1	53,064	0	0
IMMUNOGEN INC	COM	45253H101	2,204,431	116,822	SH	SOLE	1	116,822	0	0
IMMUNOVANT INC	COM	45258J102	492,670	25,971	SH	SOLE	1	25,971	0	0
IMPINJ INC	COM	453204109	992,515	11,071	SH	SOLE	1	11,071	0	0
INARI MEDICAL INC	COM	45332Y109	5,936,385	102,105	SH	SOLE	1	102,105	0	0
INCYTE CORP	COM	45337C102	4,234,370	68,022	SH	SOLE	1	68,022	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	8,108,392	445,027	SH	SOLE	1	445,027	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	165,004	9,729	SH	SOLE	1	9,729	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,056,712	23,741	SH	SOLE	1	23,741	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	669,882	19,400	SH	SOLE	1	19,400	0	0
INDIE SEMICONDUCTOR INC A	CL A	45569U101	623,662	66,347	SH	SOLE	1	66,347	0	0
INFINERA CORP	COM	45667G103	463,917	96,049	SH	SOLE	1	96,049	0	0
INFORMATICA INC CLASS A	CL A	45674M101	7,604	411	SH	SOLE	1	411	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	90,563	16,896	SH	SOLE	1	16,896	0	0
INFUSYSTEM HOLDINGS INC	COM	45685K102	84,205	8,744	SH	SOLE	1	8,744	0	0
INGERSOLL RAND INC	COM	45687V106	7,159,665	109,542	SH	SOLE	1	109,542	0	0
INGEVITY CORP	COM	45688C107	1,158,024	19,911	SH	SOLE	1	19,911	0	0
INGLES MARKETS INC CLASS A	COM	457030104	559,788	6,773	SH	SOLE	1	6,773	0	0
INGREDION INC	COM	457187102	10,549,759	99,573	SH	SOLE	1	99,573	0	0
INHIBRX INC	COM	45720L107	429,119	16,530	SH	SOLE	1	16,530	0	0
INMODE LTD	LTD SHS	M5425M103	1,392,968	37,295	SH	SOLE	1	37,295	0	0
INNODATA INC	COM	457642205	137,580	12,143	SH	SOLE	1	12,143	0	0
INNOSPEC INC	COM	45768S105	1,345,796	13,399	SH	SOLE	1	13,399	0	0
INNOVAGE HOLDING CORP	COM	45784A104	68,295	9,106	SH	SOLE	1	9,106	0	0
INNOVATE CORP	COM	45784J105	38,680	22,103	SH	SOLE	1	22,103	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	1,095,807	15,009	SH	SOLE	1	15,009	0	0
INNOVIVA INC	COM	45781M101	421,796	33,134	SH	SOLE	1	33,134	0	0

INOGEN INC	COM	45780L104	129,568	11,218	SH	SOLE	1	11,218	0	0
INOZYME PHARMA INC	COM	45790W108	90,746	16,292	SH	SOLE	1	16,292	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	2,259,051	15,437	SH	SOLE	1	15,437	0	0
INSMED INC	COM	457669307	1,338,774	63,449	SH	SOLE	1	63,449	0	0
INSPERITY INC	COM	45778Q107	8,496,004	71,419	SH	SOLE	1	71,419	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	173,358	534	SH	SOLE	1	534	0	0
INSPIRED ENTERTAINMENT INC	COM	45782N108	153,675	10,447	SH	SOLE	1	10,447	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	1,781,714	12,712	SH	SOLE	1	12,712	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	314,530	10,107	SH	SOLE	1	10,107	0	0
INSTRUCTURE HOLDINGS INC	COM	457790103	236,252	9,390	SH	SOLE	1	9,390	0	0
INSULET CORP	COM	45784P101	5,752,383	19,950	SH	SOLE	1	19,950	0	0
INTAPP INC	COM	45827U109	315,498	7,528	SH	SOLE	1	7,528	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,580,802	17,840	SH	SOLE	1	17,840	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	4,420,570	107,478	SH	SOLE	1	107,478	0	0
INTEGRAL AD SCIENCE HOLDING	COM	45828L108	326,966	18,185	SH	SOLE	1	18,185	0	0
INTEL CORP	COM	458140100	44,041,951	1,317,044	SH	SOLE	1	1,317,044	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	1,731,763	42,466	SH	SOLE	1	42,466	0	0
INTER PARFUMS INC	COM	458334109	1,330,393	9,838	SH	SOLE	1	9,838	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	12,902,183	155,317	SH	SOLE	1	155,317	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	130,630	11,811	SH	SOLE	1	11,811	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	20,270,042	179,254	SH	SOLE	1	179,254	0	0
INTERDIGITAL INC	COM	45867G101	1,403,547	14,537	SH	SOLE	1	14,537	0	0
INTERFACE INC	COM	458665304	271,022	30,833	SH	SOLE	1	30,833	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	4,642,856	105,042	SH	SOLE	1	105,042	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	1,667,943	52,303	SH	SOLE	1	52,303	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	364,737	14,869	SH	SOLE	1	14,869	0	0
INTERNATIONAL PAPER CO	COM	460146103	3,198,591	100,553	SH	SOLE	1	100,553	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	748,204	19,566	SH	SOLE	1	19,566	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	4,032,690	104,528	SH	SOLE	1	104,528	0	0
INTEST CORP	COM	461147100	135,685	5,167	SH	SOLE	1	5,167	0	0
INTEVAC INC	COM	461148108	46,073	12,286	SH	SOLE	1	12,286	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	31,819,081	237,793	SH	SOLE	1	237,793	0	0
INTL FLAVORS FRAGRANCES	COM	459506101	5,739,951	72,119	SH	SOLE	1	72,119	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	2,855,795	45,101	SH	SOLE	1	45,101	0	0
INTREPID POTASH INC	COM	46121Y201	116,105	5,117	SH	SOLE	1	5,117	0	0
INTUIT INC	COM	461202103	46,125,071	100,668	SH	SOLE	1	100,668	0	0

INTUITIVE SURGICAL INC	COM	46120E602	38,177,601	111,650	SH	SOLE	1	111,650	0	0
INVENTRUST PROPERTIES CORP	COM	46124J201	757,766	32,747	SH	SOLE	1	32,747	0	0
INVESCO LTD	COM	G491BT108	2,072,454	123,287	SH	SOLE	1	123,287	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B704	258,281	22,518	SH	SOLE	1	22,518	0	0
INVESTORS TITLE CO	COM	461804106	85,702	587	SH	SOLE	1	587	0	0
INVITAE CORP	COM	46185L103	142,943	126,498	SH	SOLE	1	126,498	0	0
INVITATION HOMES INC	COM	46187W107	5,424,261	157,682	SH	SOLE	1	157,682	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	100,729	2,455	SH	SOLE	1	2,455	0	0
IONQ INC	COM	46222L108	1,047,371	77,411	SH	SOLE	1	77,411	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	704,957	100,136	SH	SOLE	1	100,136	0	0
IPG PHOTONICS CORP	COM	44980X109	6,394,677	47,082	SH	SOLE	1	47,082	0	0
IQIYI INC ADR	ADR	46267X108	30,662	5,742	SH	SOLE	1	5,742	0	0
IQVIA HOLDINGS INC	COM	46266C105	12,116,002	53,904	SH	SOLE	1	53,904	0	0
IRADIMED CORP	COM	46266A109	167,997	3,519	SH	SOLE	1	3,519	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,541,119	14,773	SH	SOLE	1	14,773	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	11,868,150	191,052	SH	SOLE	1	191,052	0	0
IROBOT CORP	COM	462726100	666,035	14,719	SH	SOLE	1	14,719	0	0
IRON MOUNTAIN INC	COM	46284V101	4,626,057	81,416	SH	SOLE	1	81,416	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	789,892	74,238	SH	SOLE	1	74,238	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	8,294,484	102,300	SH	SOLE	1	102,300	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	155,078	1,400	SH	SOLE	1	1,400	0	0
ISHARES 20YEAR TREASURY BOND	20 YR TR BD ETF	464287432	1,461,748	14,200	SH	SOLE	1	14,200	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	8,667,552	75,200	SH	SOLE	1	75,200	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,134,860	22,100	SH	SOLE	1	22,100	0	0
ISHARES CORE SP SMALL CAP ETF	CORE S&P SCP ETF	464287804	1,122,159	11,261	SH	SOLE	1	11,261	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	13,712,152	126,800	SH	SOLE	1	126,800	0	0
ISHARES MSCI CHINA A ETF	ETF	46434V514	3,726,257	127,699	SH	SOLE	1	127,699	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	51,424,250	709,300	SH	SOLE	1	709,300	0	0
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	1,802,512	45,564	SH	SOLE	1	45,564	0	0
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	1,760,338	9,400	SH	SOLE	1	9,400	0	0
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	1,101,582	11,400	SH	SOLE	1	11,400	0	0
ISHARES RUSSELL MID CAP VALUE	RUS MD CP VAL ETF	464287473	943,526	8,590	SH	SOLE	1	8,590	0	0
ISHARES SP 500 VALUE ETF	S&P 500 VAL ETF	464287408	13,438,733	83,372	SH	SOLE	1	83,372	0	0
ISPIRE TECHNOLOGY INC	COM	46501C100	11,984	1,314	SH	SOLE	1	1,314	0	0

ITEOS THERAPEUTICS INC	COM	46565G104	176,092	13,300	SH	SOLE	1	13,300	0	0
ITERIS INC	COM	46564T107	81,422	20,561	SH	SOLE	1	20,561	0	0
ITRON INC	COM	465741106	1,764,071	24,467	SH	SOLE	1	24,467	0	0
ITT INC	COM	45073V108	11,584,791	124,287	SH	SOLE	1	124,287	0	0
IVANHOE ELECTRIC INC / U	COM	46578C108	350,267	26,861	SH	SOLE	1	26,861	0	0
IVERIC BIO INC	COM	46583P102	2,615,992	66,497	SH	SOLE	1	66,497	0	0
J J SNACK FOODS CORP	COM	466032109	1,280,974	8,089	SH	SOLE	1	8,089	0	0
J. JILL INC	COM	46620W201	46,932	2,190	SH	SOLE	1	2,190	0	0
JABIL INC	COM	466313103	21,681,626	200,886	SH	SOLE	1	200,886	0	0
JACK HENRYASSOCIATES INC	COM	426281101	3,410,855	20,384	SH	SOLE	1	20,384	0	0
JACK IN THE BOX INC	COM	466367109	1,087,069	11,146	SH	SOLE	1	11,146	0	0
JACKSON FINANCIAL INC A	CL A	46817M107	1,200,004	39,203	SH	SOLE	1	39,203	0	0
JACOBS SOLUTIONS INC	COM	46982L108	4,649,312	39,106	SH	SOLE	1	39,106	0	0
JAKKS PACIFIC INC	COM	47012E403	69,456	3,478	SH	SOLE	1	3,478	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	363,757	19,921	SH	SOLE	1	19,921	0	0
JAMF HOLDING CORP	COM	47074L105	656,711	33,643	SH	SOLE	1	33,643	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	5,447,384	199,904	SH	SOLE	1	199,904	0	0
JANUS INTERNATIONAL GROUP IN	COM	47103N106	435,973	40,898	SH	SOLE	1	40,898	0	0
JANUX THERAPEUTICS INC	COM	47103J105	98,806	8,324	SH	SOLE	1	8,324	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	12,002,651	96,819	SH	SOLE	1	96,819	0	0
JBG SMITH PROPERTIES	COM	46590V100	891,075	59,247	SH	SOLE	1	59,247	0	0
JD.COM INC ADR	ADR	47215P106	834,990	24,465	SH	SOLE	1	24,465	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	9,346,145	281,765	SH	SOLE	1	281,765	0	0
JELD WEN HOLDING INC	COM	47580P103	719,158	41,001	SH	SOLE	1	41,001	0	0
JETBLUE AIRWAYS CORP	COM	477143101	5,767,311	650,938	SH	SOLE	1	650,938	0	0
JM SMUCKER CO/THE	COM	832696405	4,690,738	31,765	SH	SOLE	1	31,765	0	0
JOBY AVIATION INC	COM	G65163100	1,377,159	134,226	SH	SOLE	1	134,226	0	0
JOHN B. SANFILIPPO SON INC	COM	800422107	564,655	4,815	SH	SOLE	1	4,815	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2,075,322	17,109	SH	SOLE	1	17,109	0	0
JOHN MARSHALL BANCORP INC	COM	47805L101	120,520	5,999	SH	SOLE	1	5,999	0	0
JOHNSON JOHNSON	COM	478160104	114,208,303	689,997	SH	SOLE	1	689,997	0	0
JOHNSON CONTROLS INTERNATION	COM	G51502105	12,242,782	179,671	SH	SOLE	1	179,671	0	0
JOHNSON OUTDOORS INC A	COM	479167108	160,200	2,607	SH	SOLE	1	2,607	0	0
JOINT CORP/THE	COM	47973J102	92,529	6,854	SH	SOLE	1	6,854	0	0
JONES LANG LASALLE INC	COM	48020Q107	11,223,988	72,041	SH	SOLE	1	72,041	0	0
JOYY INC ADR	ADS RESTG COM A	46591M109	23,033	750	SH	SOLE	1	750	0	0
JPMORGAN CHASECO	COM	46625H100	111,301,160	765,272	SH	SOLE	1	765,272	0	0

JUNIPER NETWORKS INC	COM	48203R104	2,727,370	87,053	SH	SOLE	1	87,053	0	0
KADANT INC	COM	48282T104	1,250,645	5,631	SH	SOLE	1	5,631	0	0
KAISER ALUMINUM CORP	COM	483007704	613,955	8,570	SH	SOLE	1	8,570	0	0
KALTURA INC	COM	483467106	84,709	39,957	SH	SOLE	1	39,957	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	106,677	11,853	SH	SOLE	1	11,853	0	0
KAMAN CORP	COM	483548103	367,894	15,121	SH	SOLE	1	15,121	0	0
KANZHUN LTD ADR	LTD SPONS ADS	48553T106	37,625	2,500	SH	SOLE	1	2,500	0	0
KARAT PACKAGING INC	COM	48563L101	50,169	2,749	SH	SOLE	1	2,749	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	135,531	625	SH	SOLE	1	625	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	97,580	54,514	SH	SOLE	1	54,514	0	0
KB HOME	COM	48666K109	8,070,173	156,066	SH	SOLE	1	156,066	0	0
KBR INC	COM	48242W106	13,349,271	205,184	SH	SOLE	1	205,184	0	0
KE HOLDINGS INC ADR	SPON ADS	482497104	139,590	9,400	SH	SOLE	1	9,400	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	194,658	27,611	SH	SOLE	1	27,611	0	0
KELLOGG CO	COM	487836108	6,135,961	91,038	SH	SOLE	1	91,038	0	0
KELLY SERVICES INCA	COM	488152208	311,785	17,705	SH	SOLE	1	17,705	0	0
KEMPER CORP	COM	488401100	4,656,318	96,484	SH	SOLE	1	96,484	0	0
KENNAMETAL INC	COM	489170100	1,229,628	43,312	SH	SOLE	1	43,312	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,048,860	64,229	SH	SOLE	1	64,229	0	0
KEROS THERAPEUTICS INC	COM	492327101	435,310	10,834	SH	SOLE	1	10,834	0	0
KEURIG DR PEPPER INC	COM	49271V100	13,991,011	447,426	SH	SOLE	1	447,426	0	0
KEYCORP	COM	493267108	2,339,790	253,224	SH	SOLE	1	253,224	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	9,756,642	58,266	SH	SOLE	1	58,266	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	84,158	34,350	SH	SOLE	1	34,350	0	0
KFORCE INC	COM	493732101	584,743	9,332	SH	SOLE	1	9,332	0	0
KILROY REALTY CORP	COM	49427F108	4,786,988	159,089	SH	SOLE	1	159,089	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	318,684	11,534	SH	SOLE	1	11,534	0	0
KIMBERLY CLARK CORP	COM	494368103	15,928,949	115,377	SH	SOLE	1	115,377	0	0
KIMCO REALTY CORP	COM	49446R109	3,307,576	167,727	SH	SOLE	1	167,727	0	0
KINDER MORGAN INC	COM	49456B101	9,301,624	540,164	SH	SOLE	1	540,164	0	0
KINETIK HOLDINGS INC	CL A	02215L209	290,643	8,271	SH	SOLE	1	8,271	0	0
KINGSWAY FINANCIAL SERVICES	COM	496904202	41,752	5,123	SH	SOLE	1	5,123	0	0
KINIKA PHARMACEUTICALS A	COM	G5269C101	212,622	15,101	SH	SOLE	1	15,101	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	12,364,316	33,042	SH	SOLE	1	33,042	0	0
KIRBY CORP	COM	497266106	6,963,590	90,495	SH	SOLE	1	90,495	0	0
KITE REALTY GROUP TRUST	COM	49803T300	9,689,685	433,737	SH	SOLE	1	433,737	0	0
KKR CO INC	COM	48251W104	408,632	7,297	SH	SOLE	1	7,297	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	384,499	31,594	SH	SOLE	1	31,594	0	0

KLA CORP	COM	482480100	23,357,593	48,158	SH	SOLE	1	48,158	0	0
KLX ENERGY SERVICES HOLDING	COM	48253L205	59,324	6,097	SH	SOLE	1	6,097	0	0
KNIFE RIVER CORP	COM	498894104	4,387,497	100,862	SH	SOLE	1	100,862	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	13,492,246	242,841	SH	SOLE	1	242,841	0	0
KNOWLES CORP	COM	49926D109	873,580	48,371	SH	SOLE	1	48,371	0	0
KODIAK SCIENCES INC	COM	50015M109	107,716	15,611	SH	SOLE	1	15,611	0	0
KOHL'S CORP	COM	500255104	3,850,203	167,037	SH	SOLE	1	167,037	0	0
KONTOOR BRANDS INC	COM	50050N103	1,245,065	29,574	SH	SOLE	1	29,574	0	0
KOPPERS HOLDINGS INC	COM	50060P106	370,701	10,871	SH	SOLE	1	10,871	0	0
KORN FERRY	COM	500643200	1,389,250	28,043	SH	SOLE	1	28,043	0	0
KORU MEDICAL SYSTEMS INC	COM	759910102	58,046	16,825	SH	SOLE	1	16,825	0	0
KOSMOS ENERGY LTD	COM	500688106	1,317,093	219,882	SH	SOLE	1	219,882	0	0
KRAFT HEINZ CO/THE	COM	500754106	12,455,069	350,847	SH	SOLE	1	350,847	0	0
KRATOS DEFENSESECURITY	COM	50077B207	865,118	60,329	SH	SOLE	1	60,329	0	0
KRISPY KREME INC	COM	50101L106	621,076	42,164	SH	SOLE	1	42,164	0	0
KROGER CO	COM	501044101	8,311,339	176,837	SH	SOLE	1	176,837	0	0
KRONOS WORLDWIDE INC	COM	50105F105	92,809	10,631	SH	SOLE	1	10,631	0	0
KRYSTAL BIOTECH INC	COM	501147102	1,221,430	10,404	SH	SOLE	1	10,404	0	0
KULICKESOFFA INDUSTRIES	COM	501242101	1,776,188	29,877	SH	SOLE	1	29,877	0	0
KURA ONCOLOGY INC	COM	50127T109	331,884	31,369	SH	SOLE	1	31,369	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	261,097	2,809	SH	SOLE	1	2,809	0	0
KVH INDUSTRIES INC	COM	482738101	82,543	9,031	SH	SOLE	1	9,031	0	0
KYMERA THERAPEUTICS INC	COM	501575104	420,441	18,288	SH	SOLE	1	18,288	0	0
KYNDRYL HOLDINGS INC	COM	50155Q100	4,101,355	308,837	SH	SOLE	1	308,837	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	9,821,389	50,168	SH	SOLE	1	50,168	0	0
LA Z BOY INC	COM	505336107	667,541	23,308	SH	SOLE	1	23,308	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	5,789,989	23,992	SH	SOLE	1	23,992	0	0
LADDER CAPITAL CORP REIT	COM	505743104	591,857	54,549	SH	SOLE	1	54,549	0	0
LAKELAND BANCORP INC	COM	511637100	402,222	30,039	SH	SOLE	1	30,039	0	0
LAKELAND FINANCIAL CORP	COM	511656100	648,858	13,373	SH	SOLE	1	13,373	0	0
LAM RESEARCH CORP	COM	512807108	30,542,279	47,510	SH	SOLE	1	47,510	0	0
LAMAR ADVERTISING CO A	COM	512816109	13,160,550	132,600	SH	SOLE	1	132,600	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	4,786,058	41,636	SH	SOLE	1	41,636	0	0
LANCASTER COLONY CORP	COM	513847103	7,866,842	39,121	SH	SOLE	1	39,121	0	0
LANDSEND INC	COM	51509F105	56,058	7,224	SH	SOLE	1	7,224	0	0
LANDSEA HOMES CORP	COM	51509P103	60,458	6,473	SH	SOLE	1	6,473	0	0
LANDSTAR SYSTEM INC	COM	515098101	10,488,039	54,472	SH	SOLE	1	54,472	0	0
LANTHEUS HOLDINGS INC	COM	516544103	11,347,495	135,218	SH	SOLE	1	135,218	0	0

LANZATECH GLOBAL INC	COM	51655R101	67,829	9,931	SH	SOLE	1	9,931	0	0
LARIMAR THERAPEUTICS INC	COM	517125100	38,640	12,345	SH	SOLE	1	12,345	0	0
LAS VEGAS SANDS CORP	COM	517834107	4,991,596	86,062	SH	SOLE	1	86,062	0	0
LATHAM GROUP INC	COM	51819L107	69,381	18,701	SH	SOLE	1	18,701	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	20,071,329	208,924	SH	SOLE	1	208,924	0	0
LAUREATE EDUCATION INC	COM	518613203	762,903	63,102	SH	SOLE	1	63,102	0	0
LAZARD LTD CL A	CL A	G54050102	31,200	975	SH	SOLE	1	975	0	0
LAZYDAYS HOLDINGS INC	COM	52110H100	70,470	6,096	SH	SOLE	1	6,096	0	0
LCI INDUSTRIES	COM	50189K103	1,681,852	13,310	SH	SOLE	1	13,310	0	0
LCNB CORPORATION	COM	50181P100	75,114	5,089	SH	SOLE	1	5,089	0	0
LEAR CORP	COM	521865204	12,779,252	89,023	SH	SOLE	1	89,023	0	0
LEGACY HOUSING CORP	COM	52472M101	110,732	4,775	SH	SOLE	1	4,775	0	0
LEGALZOOMCOM INC	COM	52466B103	605,727	50,143	SH	SOLE	1	50,143	0	0
LEGEND BIOTECH CORP ADR	SPONS ADS	52490G102	41,418	600	SH	SOLE	1	600	0	0
LEGGETTPLATT INC	COM	524660107	5,946,778	200,769	SH	SOLE	1	200,769	0	0
LEIDOS HOLDINGS INC	COM	525327102	3,332,245	37,661	SH	SOLE	1	37,661	0	0
LEMAITRE VASCULAR INC	COM	525558201	712,562	10,591	SH	SOLE	1	10,591	0	0
LEMONADE INC	COM	52567D107	411,376	24,414	SH	SOLE	1	24,414	0	0
LENDINGCLUB CORP	COM	52603A208	499,678	51,249	SH	SOLE	1	51,249	0	0
LENDINGTREE INC	COM	52603B107	111,877	5,060	SH	SOLE	1	5,060	0	0
LENNAR CORP B SHS	COM	526057302	13,784	122	SH	SOLE	1	122	0	0
LENNAR CORP A	COM	526057104	8,605,539	68,674	SH	SOLE	1	68,674	0	0
LENNOX INTERNATIONAL INC	COM	526107107	15,888,087	48,726	SH	SOLE	1	48,726	0	0
LEONARDO DRS INC	COM	52661A108	421,570	24,312	SH	SOLE	1	24,312	0	0
LESLIE S INC	COM	527064109	880,960	93,819	SH	SOLE	1	93,819	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	102,113	44,591	SH	SOLE	1	44,591	0	0
LGI HOMES INC	COM	50187T106	1,507,666	11,177	SH	SOLE	1	11,177	0	0
LI CYCLE HOLDINGS CORP	COM	50202P105	368,670	66,427	SH	SOLE	1	66,427	0	0
LIBERTY BROADBAND A	COM	530307107	14,272	179	SH	SOLE	1	179	0	0
LIBERTY BROADBAND C	COM	530307305	101,820	1,271	SH	SOLE	1	1,271	0	0
LIBERTY ENERGY INC	COM	53115L104	1,100,993	82,348	SH	SOLE	1	82,348	0	0
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	152,740	17,456	SH	SOLE	1	17,456	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	597,151	69,275	SH	SOLE	1	69,275	0	0
LIBERTY MEDIA COR SIRIUSXMA	COM	531229409	21,720	662	SH	SOLE	1	662	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	44,775	1,368	SH	SOLE	1	1,368	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	197,848	4,835	SH	SOLE	1	4,835	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	713,873	18,018	SH	SOLE	1	18,018	0	0

LIBERTY MEDIA CORP LIBERTY A	COM	531229870	14,335	212	SH	SOLE	1	212	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	130,084	1,728	SH	SOLE	1	1,728	0	0
LIBERTY TRIPADVISOR HDG B	COM SER B	531465201	11,611	249	SH	SOLE	1	249	0	0
LIFE STORAGE INC	COM	53223X107	17,064,219	128,341	SH	SOLE	1	128,341	0	0
LIFE TIME GROUP HOLDINGS INC	COM	53190C102	422,964	21,503	SH	SOLE	1	21,503	0	0
LIFESTANCE HEALTH GROUP INC	COM	53228F101	466,415	51,086	SH	SOLE	1	51,086	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	644,358	8,937	SH	SOLE	1	8,937	0	0
LIGHTWONDER INC	COM	80874P109	12,419,019	180,614	SH	SOLE	1	180,614	0	0
LIGHTWAVE LOGIC INC	COM	532275104	384,814	55,210	SH	SOLE	1	55,210	0	0
LIMBACH HOLDINGS INC	COM	53263P105	109,579	4,431	SH	SOLE	1	4,431	0	0
LIMONEIRA CO	COM	532746104	131,140	8,428	SH	SOLE	1	8,428	0	0
LINCOLN EDUCATIONAL SERVICES	COM	533535100	76,849	11,402	SH	SOLE	1	11,402	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	17,345,762	87,327	SH	SOLE	1	87,327	0	0
LINCOLN NATIONAL CORP	COM	534187109	1,083,594	42,065	SH	SOLE	1	42,065	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	183,132	16,832	SH	SOLE	1	16,832	0	0
LINDE PLC	PLC SHS	G54950103	57,573,185	151,079	SH	SOLE	1	151,079	0	0
LINDSAY CORP	COM	535555106	708,402	5,936	SH	SOLE	1	5,936	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	87,581	62,114	SH	SOLE	1	62,114	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	247,761	28,059	SH	SOLE	1	28,059	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	465,513	55,750	SH	SOLE	1	55,750	0	0
LIQUIDIA CORP	COM	53635D202	179,325	22,844	SH	SOLE	1	22,844	0	0
LIQUIDITY SERVICES INC	COM	53635B107	209,798	12,715	SH	SOLE	1	12,715	0	0
LITHIA MOTORS INC	CL A	536797103	12,625,735	41,517	SH	SOLE	1	41,517	0	0
LITTELFUSE INC	COM	537008104	10,909,560	37,450	SH	SOLE	1	37,450	0	0
LIVANOVA PLC	COM	G5509L101	5,489,638	106,740	SH	SOLE	1	106,740	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	3,592,194	39,427	SH	SOLE	1	39,427	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	426,301	16,203	SH	SOLE	1	16,203	0	0
LIVENT CORP	COM	53814L108	2,659,009	96,938	SH	SOLE	1	96,938	0	0
LIVEPERSON INC	COM	538146101	138,149	30,564	SH	SOLE	1	30,564	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	980,122	34,318	SH	SOLE	1	34,318	0	0
LIVEVOX HOLDINGS INC	CL A	53838L100	29,527	10,737	SH	SOLE	1	10,737	0	0
LIVEWIRE GROUP INC	COM	53838J105	62,676	5,307	SH	SOLE	1	5,307	0	0
LKQ CORP	COM	501889208	4,517,615	77,529	SH	SOLE	1	77,529	0	0
LOCKHEED MARTIN CORP	COM	539830109	27,605,766	59,963	SH	SOLE	1	59,963	0	0
LOEWS CORP	COM	540424108	3,041,562	51,222	SH	SOLE	1	51,222	0	0
LONGBOARD PHARMACEUTICALS IN	COM	54300N103	55,035	7,498	SH	SOLE	1	7,498	0	0

LOOP MEDIA INC	COM	54352F206	41,942	17,549	SH	SOLE	1	17,549	0	0
LOUISIANA PACIFIC CORP	COM	546347105	8,142,378	108,594	SH	SOLE	1	108,594	0	0
LOVESAC CO/THE	COM	54738L109	182,074	6,756	SH	SOLE	1	6,756	0	0
LOWE S COS INC	COM	548661107	41,012,173	181,711	SH	SOLE	1	181,711	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	315,274	1,450	SH	SOLE	1	1,450	0	0
LSB INDUSTRIES INC	COM	502160104	260,730	26,470	SH	SOLE	1	26,470	0	0
LSI INDUSTRIES INC	COM	50216C108	158,193	12,595	SH	SOLE	1	12,595	0	0
LTC PROPERTIES INC	COM	502175102	728,190	22,053	SH	SOLE	1	22,053	0	0
LUCID GROUP INC	COM	549498103	726,771	105,482	SH	SOLE	1	105,482	0	0
LUFAX HOLDING LTD ADR	CL A	54975P102	11,820	8,266	SH	SOLE	1	8,266	0	0
LULULEMON ATHLETICA INC	COM	550021109	2,492,423	6,585	SH	SOLE	1	6,585	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	1,213,080	536,761	SH	SOLE	1	536,761	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	5,878,249	103,618	SH	SOLE	1	103,618	0	0
LUMINAR TECHNOLOGIES INC	CL A	550424105	902,243	131,140	SH	SOLE	1	131,140	0	0
LUNA INNOVATIONS INC	COM	550351100	141,023	15,463	SH	SOLE	1	15,463	0	0
LUTHER BURBANK CORP	COM	550550107	44,038	4,937	SH	SOLE	1	4,937	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	187,978	13,210	SH	SOLE	1	13,210	0	0
LXP INDUSTRIAL TRUST	COM	529043101	1,519,430	155,839	SH	SOLE	1	155,839	0	0
LYELL IMMUNOPHARMA INC	COM	55083R104	265,619	83,528	SH	SOLE	1	83,528	0	0
LYFT INC A	COM	55087P104	54,653	5,699	SH	SOLE	1	5,699	0	0
LYONDELLBASELL INDU CL A	CL A	N53745100	6,313,037	68,747	SH	SOLE	1	68,747	0	0
MT BANK CORP	COM	55261F104	6,263,370	50,609	SH	SOLE	1	50,609	0	0
M/I HOMES INC	COM	55305B101	1,266,260	14,523	SH	SOLE	1	14,523	0	0
MACATAWA BANK CORP	COM	554225102	117,578	12,670	SH	SOLE	1	12,670	0	0
MACERICH CO/THE	COM	554382101	1,308,007	116,061	SH	SOLE	1	116,061	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	6,800,441	103,776	SH	SOLE	1	103,776	0	0
MACROGENICS INC	COM	556099109	156,718	29,293	SH	SOLE	1	29,293	0	0
MACY S INC	COM	55616P104	6,592,361	410,739	SH	SOLE	1	410,739	0	0
MADISON SQUARE GARDEN ENTERT	CL A	558256103	699,901	20,818	SH	SOLE	1	20,818	0	0
MADISON SQUARE GARDEN SPORTS	CL A	55825T103	31,216	166	SH	SOLE	1	166	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	1,514,205	6,555	SH	SOLE	1	6,555	0	0
MAGNITE INC	COM	55955D100	880,125	64,478	SH	SOLE	1	64,478	0	0
MAGNOLIA OILGAS CORP A	COM	559663109	1,845,825	88,317	SH	SOLE	1	88,317	0	0
MAIDEN HOLDINGS LTD	LTD SHS	G5753U112	91,764	43,697	SH	SOLE	1	43,697	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	75,979	3,353	SH	SOLE	1	3,353	0	0
MALIBU BOATS INC A	COM	56117J100	574,457	9,793	SH	SOLE	1	9,793	0	0
MAMMOTH ENERGY SERVICES INC	COM	56155L108	54,164	11,214	SH	SOLE	1	11,214	0	0

MANHATTAN ASSOCIATES INC	COM	562750109	18,818,702	94,150	SH	SOLE	1	94,150	0	0
MANITOWOC COMPANY INC	COM	563571405	316,005	16,782	SH	SOLE	1	16,782	0	0
MANNKIND CORP	COM	56400P706	503,121	123,617	SH	SOLE	1	123,617	0	0
MANPOWERGROUP INC	COM	56418H100	6,039,005	76,058	SH	SOLE	1	76,058	0	0
MARATHON DIGITAL HOLDINGS IN	COM	565788106	1,123,589	81,067	SH	SOLE	1	81,067	0	0
MARATHON OIL CORP	COM	565849106	4,298,340	186,722	SH	SOLE	1	186,722	0	0
MARATHON PETROLEUM CORP	COM	56585A102	13,094,763	112,305	SH	SOLE	1	112,305	0	0
MARAVAI LIFESCIENCES HLDGS A	CL A	56600D107	19,813	1,594	SH	SOLE	1	1,594	0	0
MARCUSMILLICHAP INC	COM	566324109	408,811	12,974	SH	SOLE	1	12,974	0	0
MARCUS CORPORATION	COM	566330106	193,368	13,039	SH	SOLE	1	13,039	0	0
MARINE PRODUCTS CORP	COM	568427108	68,266	4,049	SH	SOLE	1	4,049	0	0
MARINEMAX INC	COM	567908108	393,079	11,507	SH	SOLE	1	11,507	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q200	260,445	23,982	SH	SOLE	1	23,982	0	0
MARKEL GROUP INC	COM	570535104	161,832	117	SH	SOLE	1	117	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	2,796,933	10,699	SH	SOLE	1	10,699	0	0
MARKETWISE INC	CL A	57064P107	30,510	15,255	SH	SOLE	1	15,255	0	0
MARQETA INC A	COM	57142B104	1,149,490	236,035	SH	SOLE	1	236,035	0	0
MARRIOTT INTERNATIONALCL A	CL A	571903202	15,562,033	84,719	SH	SOLE	1	84,719	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	6,812,924	55,516	SH	SOLE	1	55,516	0	0
MARSHMCLENNAN COS	COM	571748102	30,817,472	163,853	SH	SOLE	1	163,853	0	0
MARTEN TRANSPORT LTD	COM	573075108	670,413	31,182	SH	SOLE	1	31,182	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	7,745,773	16,777	SH	SOLE	1	16,777	0	0
MARVELL TECHNOLOGY INC	COM	573874104	3,225,968	53,964	SH	SOLE	1	53,964	0	0
MASCO CORP	COM	574599106	3,551,076	61,887	SH	SOLE	1	61,887	0	0
MASIMO CORP	COM	574795100	12,125,690	73,690	SH	SOLE	1	73,690	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	1,096,313	10,702	SH	SOLE	1	10,702	0	0
MASTEC INC	COM	576323109	10,618,480	90,010	SH	SOLE	1	90,010	0	0
MASTERBRAND INC	COM	57638P104	809,634	69,616	SH	SOLE	1	69,616	0	0
MASTERCARD INC A	COM	57636Q104	100,068,106	254,432	SH	SOLE	1	254,432	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	258,809	8,444	SH	SOLE	1	8,444	0	0
MATADOR RESOURCES CO	COM	576485205	11,738,044	224,351	SH	SOLE	1	224,351	0	0
MATCH GROUP INC	COM	57667L107	3,257,478	77,837	SH	SOLE	1	77,837	0	0
MATERION CORP	COM	576690101	1,260,540	11,038	SH	SOLE	1	11,038	0	0
MATIV HOLDINGS INC	COM	808541106	443,092	29,305	SH	SOLE	1	29,305	0	0
MATSON INC	COM	57686G105	1,489,074	19,157	SH	SOLE	1	19,157	0	0
MATTEL INC	COM	577081102	10,431,624	533,860	SH	SOLE	1	533,860	0	0
MATTERPORT INC	CL A	577096100	380,448	120,777	SH	SOLE	1	120,777	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	682,005	16,002	SH	SOLE	1	16,002	0	0

MAUI LANDPINEAPPLE CO	COM	577345101	51,691	3,630	SH	SOLE	1	3,630	0	0
MAXCYTE INC	COM	57777K106	193,078	42,065	SH	SOLE	1	42,065	0	0
MAXEON SOLAR TECHNOLOGIE	LT SHS	Y58473102	342,088	12,148	SH	SOLE	1	12,148	0	0
MAXIMUS INC	COM	577933104	10,178,384	120,440	SH	SOLE	1	120,440	0	0
MAXLINEAR INC	COM	57776J100	1,262,747	40,011	SH	SOLE	1	40,011	0	0
MAYVILLE ENGINEERING CO INC	COM	578605107	66,250	5,317	SH	SOLE	1	5,317	0	0
MBIA INC	COM	55262C100	201,252	23,293	SH	SOLE	1	23,293	0	0
MCCORMICKCO NON VTG SHRS	COM	579780206	7,058,128	80,914	SH	SOLE	1	80,914	0	0
MCDONALD S CORP	COM	580135101	57,846,480	193,849	SH	SOLE	1	193,849	0	0
MCGRATH RENTCORP	COM	580589109	1,099,957	11,894	SH	SOLE	1	11,894	0	0
MCKESSON CORP	COM	58155Q103	15,331,455	35,879	SH	SOLE	1	35,879	0	0
MDC HOLDINGS INC	COM	552676108	1,474,752	31,532	SH	SOLE	1	31,532	0	0
MDU RESOURCES GROUP INC	COM	552690109	6,431,428	307,136	SH	SOLE	1	307,136	0	0
MEDIAALPHA INC CLASS A	CL A	58450V104	127,988	12,414	SH	SOLE	1	12,414	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	8,356,067	902,383	SH	SOLE	1	902,383	0	0
MEDIFAST INC	COM	58470H101	532,132	5,774	SH	SOLE	1	5,774	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	9,000,371	37,475	SH	SOLE	1	37,475	0	0
MEDTRONIC PLC	COM	G5960L103	30,694,304	348,403	SH	SOLE	1	348,403	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	105,470	15,695	SH	SOLE	1	15,695	0	0
MERCADOLIBRE INC	COM	58733R102	3,205,528	2,706	SH	SOLE	1	2,706	0	0
MERCANTILE BANK CORP	COM	587376104	208,641	7,554	SH	SOLE	1	7,554	0	0
MERCER INTERNATIONAL INC	COM	588056101	18,182	2,253	SH	SOLE	1	2,253	0	0
MERCHANTS BANCORP/IN	COM	58844R108	195,457	7,641	SH	SOLE	1	7,641	0	0
MERCKCO. INC.	COM	58933Y105	78,393,889	679,382	SH	SOLE	1	679,382	0	0
MERCURY GENERAL CORP	COM	589400100	435,494	14,387	SH	SOLE	1	14,387	0	0
MERCURY SYSTEMS INC	COM	589378108	3,033,301	87,693	SH	SOLE	1	87,693	0	0
MERIDIANLINK INC	COM	58985J105	262,995	12,644	SH	SOLE	1	12,644	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	2,557,293	30,575	SH	SOLE	1	30,575	0	0
MERITAGE HOMES CORP	COM	59001A102	2,786,927	19,589	SH	SOLE	1	19,589	0	0
MERRIMACK PHARMACEUTICALS IN	COM	590328209	61,980	5,039	SH	SOLE	1	5,039	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	158,900	48,298	SH	SOLE	1	48,298	0	0
MESA LABORATORIES INC	COM	59064R109	354,789	2,761	SH	SOLE	1	2,761	0	0
META PLATFORMS INC CLASS A	COM	30303M102	200,459,548	698,514	SH	SOLE	1	698,514	0	0
METHODE ELECTRONICS INC	COM	591520200	637,651	19,023	SH	SOLE	1	19,023	0	0
METLIFE INC	COM	59156R108	9,523,100	168,461	SH	SOLE	1	168,461	0	0
METROCITY BANKSHARES INC	COM	59165J105	157,360	8,796	SH	SOLE	1	8,796	0	0

METROPOLITAN BANK HOLDING CO	COM	591774104	175,248	5,046	SH	SOLE	1	5,046	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	8,204,308	6,255	SH	SOLE	1	6,255	0	0
MFA FINANCIAL INC	COM	55272X607	553,806	49,271	SH	SOLE	1	49,271	0	0
MGE ENERGY INC	COM	55277P104	1,390,437	17,576	SH	SOLE	1	17,576	0	0
MGIC INVESTMENT CORP	COM	552848103	6,826,364	432,322	SH	SOLE	1	432,322	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	3,590,328	81,747	SH	SOLE	1	81,747	0	0
MGP INGREDIENTS INC	COM	55303J106	902,742	8,494	SH	SOLE	1	8,494	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	17,319,897	193,324	SH	SOLE	1	193,324	0	0
MICRON TECHNOLOGY INC	COM	595112103	23,739,205	376,156	SH	SOLE	1	376,156	0	0
MICROSOFT CORP	COM	594918104	835,284,004	2,452,822	SH	SOLE	1	2,452,822	0	0
MICROSTRATEGY INC CL A	CL A	594972408	1,822,702	5,323	SH	SOLE	1	5,323	0	0
MICROVAST HOLDINGS INC	COM	59516C106	80,955	50,597	SH	SOLE	1	50,597	0	0
MICROVISION INC	COM	594960304	390,019	85,157	SH	SOLE	1	85,157	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	4,796,498	31,585	SH	SOLE	1	31,585	0	0
MID PENN BANCORP INC	COM	59540G107	151,226	6,849	SH	SOLE	1	6,849	0	0
MIDDLEBY CORP	COM	596278101	11,931,951	80,714	SH	SOLE	1	80,714	0	0
MIDDLEFIELD BANC CORP	COM	596304204	101,384	3,783	SH	SOLE	1	3,783	0	0
MIDDLESEX WATER CO	COM	596680108	760,140	9,424	SH	SOLE	1	9,424	0	0
MIDLAND STATES BANCORP INC	COM	597742105	204,137	10,253	SH	SOLE	1	10,253	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	146,385	6,850	SH	SOLE	1	6,850	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	189,800	5,351	SH	SOLE	1	5,351	0	0
MILLERKNOLL INC	COM	600544100	602,773	40,783	SH	SOLE	1	40,783	0	0
MIMEDX GROUP INC	COM	602496101	362,354	54,819	SH	SOLE	1	54,819	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	1,008,652	17,484	SH	SOLE	1	17,484	0	0
MINERALYS THERAPEUTICS INC	COM	603170101	114,525	6,717	SH	SOLE	1	6,717	0	0
MINISO GROUP HOLDING LTD ADR	LTD SPONS ADS	66981J102	22,087	1,300	SH	SOLE	1	1,300	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	14,705	407	SH	SOLE	1	407	0	0
MIRION TECHNOLOGIES INC	CL A	60471A101	815,332	96,489	SH	SOLE	1	96,489	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	332,947	12,870	SH	SOLE	1	12,870	0	0
MISSION PRODUCE INC	COM	60510V108	282,844	23,337	SH	SOLE	1	23,337	0	0
MISTER CAR WASH INC	COM	60646V105	49,466	5,126	SH	SOLE	1	5,126	0	0
MISTRAS GROUP INC	COM	60649T107	77,393	10,025	SH	SOLE	1	10,025	0	0
MITEK SYSTEMS INC	COM	606710200	222,740	20,548	SH	SOLE	1	20,548	0	0
MKS INSTRUMENTS INC	COM	55306N104	9,370,757	86,686	SH	SOLE	1	86,686	0	0
MODEL N INC	COM	607525102	635,525	17,973	SH	SOLE	1	17,973	0	0
MODERNA INC	COM	60770K107	14,322,056	117,877	SH	SOLE	1	117,877	0	0

MODINE MANUFACTURING CO	COM	607828100	818,401	24,785	SH	SOLE	1	24,785	0	0
MODIVCARE INC	COM	60783X104	309,462	6,845	SH	SOLE	1	6,845	0	0
MOELISCO CLASS A	COM	60786M105	1,626,709	35,878	SH	SOLE	1	35,878	0	0
MOHAWK INDUSTRIES INC	COM	608190104	1,476,426	14,312	SH	SOLE	1	14,312	0	0
MOLINA HEALTHCARE INC	COM	60855R100	6,270,612	20,816	SH	SOLE	1	20,816	0	0
MOLSON COORS BEVERAGE CO B	CL B	60871R209	3,339,668	50,724	SH	SOLE	1	50,724	0	0
MONARCH CASINORESORT INC	COM	609027107	509,494	7,232	SH	SOLE	1	7,232	0	0
MONDAY.COM LTD	LTD SHS	M7S64H106	565,882	3,305	SH	SOLE	1	3,305	0	0
MONDEE HOLDINGS INC	CL A	465712107	194,710	21,853	SH	SOLE	1	21,853	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	31,680,468	434,336	SH	SOLE	1	434,336	0	0
MONGODB INC	COM	60937P106	501,819	1,221	SH	SOLE	1	1,221	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	7,081,875	13,109	SH	SOLE	1	13,109	0	0
MONRO INC	COM	610236101	680,553	16,750	SH	SOLE	1	16,750	0	0
MONSTER BEVERAGE CORP	COM	61174X109	19,732,363	343,530	SH	SOLE	1	343,530	0	0
MONTAUK RENEWABLES INC	COM	61218C103	238,779	32,094	SH	SOLE	1	32,094	0	0
MONTE ROSA THERAPEUTICS INC	COM	61225M102	100,558	14,680	SH	SOLE	1	14,680	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	565,924	13,436	SH	SOLE	1	13,436	0	0
MOODY S CORP	COM	615369105	18,472,625	53,125	SH	SOLE	1	53,125	0	0
MOOG INC CLASS A	COM	615394202	1,655,184	15,265	SH	SOLE	1	15,265	0	0
MORGAN STANLEY	COM	617446448	34,839,784	407,960	SH	SOLE	1	407,960	0	0
MORNINGSTAR INC	COM	617700109	93,721	478	SH	SOLE	1	478	0	0
MORPHIC HOLDING INC	COM	61775R105	839,827	14,649	SH	SOLE	1	14,649	0	0
MOSAIC CO/THE	COM	61945C103	3,280,865	93,739	SH	SOLE	1	93,739	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	13,499,385	46,029	SH	SOLE	1	46,029	0	0
MOVADO GROUP INC	COM	624580106	221,267	8,247	SH	SOLE	1	8,247	0	0
MP MATERIALS CORP	CL A	553368101	3,189,838	139,416	SH	SOLE	1	139,416	0	0
MP MATERIALS CORP	COM CL A	553368101	67,551,576	2,952,429	SH	SOLE	2	2,952,429	0	0
MR COOPER GROUP INC	COM	62482R107	1,817,318	35,887	SH	SOLE	1	35,887	0	0
MRC GLOBAL INC	COM	55345K103	406,909	40,408	SH	SOLE	1	40,408	0	0
MSA SAFETY INC	COM	553498106	9,695,487	55,734	SH	SOLE	1	55,734	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	6,790,415	71,268	SH	SOLE	1	71,268	0	0
MSCI INC	COM	55354G100	10,961,207	23,357	SH	SOLE	1	23,357	0	0
MUELLER INDUSTRIES INC	COM	624756102	2,632,976	30,167	SH	SOLE	1	30,167	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	1,213,257	74,754	SH	SOLE	1	74,754	0	0
MULTIPLAN CORP	COM	62548M100	384,657	182,302	SH	SOLE	1	182,302	0	0
MURPHY OIL CORP	COM	626717102	11,168,280	291,600	SH	SOLE	1	291,600	0	0
MURPHY USA INC	COM	626755102	9,459,300	30,405	SH	SOLE	1	30,405	0	0
MVB FINANCIAL CORP	COM	553810102	115,181	5,464	SH	SOLE	1	5,464	0	0
MYERS INDUSTRIES INC	COM	628464109	381,722	19,646	SH	SOLE	1	19,646	0	0

MYR GROUP INC/DELAWARE	COM	55405W104	1,223,894	8,847	SH	SOLE	1	8,847	0	0
MYRIAD GENETICS INC	COM	62855J104	1,006,476	43,420	SH	SOLE	1	43,420	0	0
N A B L E INC	COM	62878D100	539,309	37,426	SH	SOLE	1	37,426	0	0
N B T BANCORP INC	COM	628778102	717,644	22,532	SH	SOLE	1	22,532	0	0
NABORS INDUSTRIES LTD	COM	G6359F137	457,429	4,917	SH	SOLE	1	4,917	0	0
NACCO INDUSTRIES CL A	CL A	629579103	70,083	2,022	SH	SOLE	1	2,022	0	0
NANO X IMAGING LTD	LTD ORD SHS	M70700105	342,081	22,084	SH	SOLE	1	22,084	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	92,182	22,761	SH	SOLE	1	22,761	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	526,611	15,198	SH	SOLE	1	15,198	0	0
NASDAQ INC	COM	631103108	5,705,681	114,457	SH	SOLE	1	114,457	0	0
NATERA INC	COM	632307104	93,622	1,924	SH	SOLE	1	1,924	0	0
NATHAN S FAMOUS INC	COM	632347100	106,579	1,357	SH	SOLE	1	1,357	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	576,096	19,838	SH	SOLE	1	19,838	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	81,177	2,781	SH	SOLE	1	2,781	0	0
NATIONAL BEVERAGE CORP	COM	635017106	614,722	12,714	SH	SOLE	1	12,714	0	0
NATIONAL FUEL GAS CO	COM	636180101	7,110,381	138,442	SH	SOLE	1	138,442	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	371,785	6,014	SH	SOLE	1	6,014	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	11,441,427	199,328	SH	SOLE	1	199,328	0	0
NATIONAL PRESTO INDS INC	COM	637215104	202,544	2,767	SH	SOLE	1	2,767	0	0
NATIONAL RESEARCH CORP	COM	637372202	301,655	6,933	SH	SOLE	1	6,933	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	4,313,521	123,845	SH	SOLE	1	123,845	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	1,013,986	41,745	SH	SOLE	1	41,745	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	455,454	1,096	SH	SOLE	1	1,096	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,054,114	20,109	SH	SOLE	1	20,109	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	55,096	4,494	SH	SOLE	1	4,494	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	86,650	6,348	SH	SOLE	1	6,348	0	0
NAUTILUS BIOTECHNOLOGY INC	COM	63909J108	94,037	24,299	SH	SOLE	1	24,299	0	0
NAVIENT CORP	COM	63938C108	930,003	50,054	SH	SOLE	1	50,054	0	0
NAVITAS SEMICONDUCTOR CORP	COM	63942X106	517,925	49,139	SH	SOLE	1	49,139	0	0
NCINO INC	COM	63947X101	20,512	681	SH	SOLE	1	681	0	0
NCR CORPORATION	COM	62886E108	5,333,681	211,654	SH	SOLE	1	211,654	0	0
NECESSITY RETAIL REIT INC/TH	COM	02607T109	437,818	64,766	SH	SOLE	1	64,766	0	0
NELNET INC CL A	CL A	64031N108	676,518	7,012	SH	SOLE	1	7,012	0	0
NEOGEN CORP	COM	640491106	9,333,447	429,124	SH	SOLE	1	429,124	0	0
NEOGENOMICS INC	COM	64049M209	1,099,638	68,428	SH	SOLE	1	68,428	0	0
NERDWALLET INC CL A	CL A	64082B102	155,105	16,483	SH	SOLE	1	16,483	0	0

NERDY INC	CL A	64081V109	118,966	28,529	SH	SOLE	1	28,529	0	0
NETAPP INC	COM	64110D104	11,266,402	147,466	SH	SOLE	1	147,466	0	0
NETFLIX INC	COM	64110L106	66,711,770	151,449	SH	SOLE	1	151,449	0	0
NETGEAR INC	COM	64111Q104	217,682	15,373	SH	SOLE	1	15,373	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	1,132,677	36,597	SH	SOLE	1	36,597	0	0
NETSTREIT CORP	COM	64119V303	527,379	29,512	SH	SOLE	1	29,512	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	13,966,019	148,102	SH	SOLE	1	148,102	0	0
NEVRO CORP	COM	64157F103	434,580	17,096	SH	SOLE	1	17,096	0	0
NEW FORTRESS ENERGY INC	CL A	644393100	32,243	1,204	SH	SOLE	1	1,204	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	9,072,406	192,212	SH	SOLE	1	192,212	0	0
NEW RELIC INC	COM	64829B100	67,011	1,024	SH	SOLE	1	1,024	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	12,241,529	1,089,104	SH	SOLE	1	1,089,104	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604840	485,058	48,897	SH	SOLE	1	48,897	0	0
NEW YORK TIMES CO A	COM	650111107	9,731,625	247,121	SH	SOLE	1	247,121	0	0
NEWELL BRANDS INC	COM	651229106	888,026	102,072	SH	SOLE	1	102,072	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	403,137	64,813	SH	SOLE	1	64,813	0	0
NEWMARKET CORP	COM	651587107	4,026,830	10,014	SH	SOLE	1	10,014	0	0
NEWMONT CORP	COM	651639106	10,545,083	247,189	SH	SOLE	1	247,189	0	0
NEWPARK RESOURCES INC	COM	651718504	191,219	36,562	SH	SOLE	1	36,562	0	0
NEWS CORP CLASS A	COM	65249B109	2,011,503	103,154	SH	SOLE	1	103,154	0	0
NEWS CORP CLASS B	COM	65249B208	626,899	31,790	SH	SOLE	1	31,790	0	0
NEWTEKONE INC	COM	652526203	178,414	11,221	SH	SOLE	1	11,221	0	0
NEXPOINT DIVERSIFIED REAL ES	COM	65340G205	184,958	14,773	SH	SOLE	1	14,773	0	0
NEXPOINT REAL ESTATE FINANCE	COM	65342V101	60,552	3,884	SH	SOLE	1	3,884	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	552,036	12,138	SH	SOLE	1	12,138	0	0
NEXSTAR MEDIA GROUP INC	CL A	65336K103	9,024,012	54,182	SH	SOLE	1	54,182	0	0
NEXTDECADE CORP	COM	65342K105	121,130	14,754	SH	SOLE	1	14,754	0	0
NEXTDOOR HOLDINGS INC	CL A	65345M108	228,405	70,063	SH	SOLE	1	70,063	0	0
NEXTERA ENERGY INC	COM	65339F101	39,317,244	529,882	SH	SOLE	1	529,882	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	471,013	29,039	SH	SOLE	1	29,039	0	0
NEXTTIER OILFIELD SOLUTIONS I	COM	65290C105	912,130	102,028	SH	SOLE	1	102,028	0	0
NEXTNAV INC	COM	65345N106	76,605	26,056	SH	SOLE	1	26,056	0	0
NEXTRACKER INC CL A	CL A	65290E101	592,771	14,890	SH	SOLE	1	14,890	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	54,333	20,978	SH	SOLE	1	20,978	0	0
NI HOLDINGS INC	COM	65342T106	59,029	3,975	SH	SOLE	1	3,975	0	0
NICOLET BANKSHARES INC	COM	65406E102	420,974	6,199	SH	SOLE	1	6,199	0	0
NIKE INCL B	COM	654106103	35,611,101	322,652	SH	SOLE	1	322,652	0	0
NIKOLA CORP	COM	654110105	394,403	285,799	SH	SOLE	1	285,799	0	0
NIO INC ADR	ADR	62914V106	188,267	19,429	SH	SOLE	1	19,429	0	0

NIOCORP DEVELOPMENTS LTD	LTD COM	654484609	4,718	938	SH	SOLE	1	938	0	0
NISOURCE INC	COM	65473P105	3,059,234	111,855	SH	SOLE	1	111,855	0	0
NKARTA INC	COM	65487U108	31,873	14,554	SH	SOLE	1	14,554	0	0
NL INDUSTRIES	COM	629156407	22,341	4,040	SH	SOLE	1	4,040	0	0
NLIGHT INC	COM	65487K100	327,367	21,230	SH	SOLE	1	21,230	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,140,185	44,159	SH	SOLE	1	44,159	0	0
NNN REIT INC	COM	637417106	11,751,803	274,639	SH	SOLE	1	274,639	0	0
NOBLE CORP PLC	ORD SHS A	G65431127	2,141,924	51,850	SH	SOLE	1	51,850	0	0
NOODLESCO	COM	65540B105	65,319	19,325	SH	SOLE	1	19,325	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	362,739	98,839	SH	SOLE	1	98,839	0	0
NORDSON CORP	COM	655663102	3,624,917	14,606	SH	SOLE	1	14,606	0	0
NORDSTROM INC	COM	655664100	3,489,009	170,445	SH	SOLE	1	170,445	0	0
NORFOLK SOUTHERN CORP	COM	655844108	13,517,844	59,613	SH	SOLE	1	59,613	0	0
NORTHEAST BANK	COM	66405S100	155,554	3,733	SH	SOLE	1	3,733	0	0
NORTHEAST COMMUNITY BANCORP	COM	664121100	95,872	6,443	SH	SOLE	1	6,443	0	0
NORTHERN OIL AND GAS INC	COM	665531307	1,396,446	40,689	SH	SOLE	1	40,689	0	0
NORTHERN TRUST CORP	COM	665859104	4,363,065	58,849	SH	SOLE	1	58,849	0	0
NORTHFIELD BANCORP INC	COM	66611T108	244,228	22,243	SH	SOLE	1	22,243	0	0
NORTHRIM BANCORP INC	COM	666762109	104,185	2,649	SH	SOLE	1	2,649	0	0
NORTHROP GRUMMAN CORP	COM	666807102	17,313,563	37,985	SH	SOLE	1	37,985	0	0
NORTHWEST BANCSHARES INC	COM	667340103	725,496	68,443	SH	SOLE	1	68,443	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	830,693	19,296	SH	SOLE	1	19,296	0	0
NORTHWEST PIPE CO	COM	667746101	143,277	4,738	SH	SOLE	1	4,738	0	0
NORTHWESTERN CORP	COM	668074305	6,734,517	118,649	SH	SOLE	1	118,649	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	2,521,641	115,831	SH	SOLE	1	115,831	0	0
NORWOOD FINANCIAL CORP	COM	669549107	104,891	3,552	SH	SOLE	1	3,552	0	0
NOV INC	COM	62955J103	9,525,322	593,848	SH	SOLE	1	593,848	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	464,628	116,448	SH	SOLE	1	116,448	0	0
NOVANTA INC	COM	67000B104	13,058,949	70,934	SH	SOLE	1	70,934	0	0
NOVAVAX INC	COM	670002401	311,384	41,909	SH	SOLE	1	41,909	0	0
NOVOCURE LTD	COM	G6674U108	80,925	1,950	SH	SOLE	1	1,950	0	0
NOW INC	COM	67011P100	609,178	58,801	SH	SOLE	1	58,801	0	0
NRG ENERGY INC	COM	629377508	2,354,934	62,983	SH	SOLE	1	62,983	0	0
NRG ENERGY INC	COM NEW	629377508	1,271	34	SH	SOLE	2	34	0	0
NU HOLDINGS LTD/CAYMAN ISL A	CL A	G6683N103	282,943	35,861	SH	SOLE	1	35,861	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	889,162	26,782	SH	SOLE	1	26,782	0	0
NUCOR CORP	COM	670346105	12,408,859	75,673	SH	SOLE	1	75,673	0	0
NURIX THERAPEUTICS INC	COM	67080M103	225,304	22,553	SH	SOLE	1	22,553	0	0

NUSCALE POWER CORP	CL A	67079K100	175,413	25,796	SH	SOLE	1	25,796	0	0
NUTANIX INC A	COM	67059N108	72,565	2,587	SH	SOLE	1	2,587	0	0
NUVALENT INC A	COM	670703107	486,810	11,544	SH	SOLE	1	11,544	0	0
NUVASIVE INC	COM	670704105	1,178,411	28,334	SH	SOLE	1	28,334	0	0
NUVATION BIO INC	CL A	67080N101	126,212	70,118	SH	SOLE	1	70,118	0	0
NUVECTIS PHARMA INC	COM	67080T108	52,669	3,298	SH	SOLE	1	3,298	0	0
NV5 GLOBAL INC	COM	62945V109	802,307	7,243	SH	SOLE	1	7,243	0	0
NVE CORP	COM	629445206	223,722	2,296	SH	SOLE	1	2,296	0	0
NVENT ELECTRIC PLC	COM	G6700G107	12,910,680	249,868	SH	SOLE	1	249,868	0	0
NVIDIA CORP	COM	67066G104	359,341,107	849,466	SH	SOLE	1	849,466	0	0
NVR INC	COM	62944T105	5,264,664	829	SH	SOLE	1	829	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	18,471,142	90,244	SH	SOLE	1	90,244	0	0
O I GLASS INC	COM	67098H104	1,780,266	83,463	SH	SOLE	1	83,463	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	20,616,329	21,581	SH	SOLE	1	21,581	0	0
OAK VALLEY BANCORP	COM	671807105	81,616	3,240	SH	SOLE	1	3,240	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	12,839,098	218,352	SH	SOLE	1	218,352	0	0
OCEAN BIOMEDICAL INC	COM	67644C104	25,110	4,178	SH	SOLE	1	4,178	0	0
OCEANEERING INTL INC	COM	675232102	1,009,875	54,004	SH	SOLE	1	54,004	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	438,266	28,058	SH	SOLE	1	28,058	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	193,825	37,563	SH	SOLE	1	37,563	0	0
OCWEN FINANCIAL CORP	COM	675746606	92,697	3,093	SH	SOLE	1	3,093	0	0
ODP CORP/THE	COM	88337F105	861,160	18,393	SH	SOLE	1	18,393	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	199,284	25,881	SH	SOLE	1	25,881	0	0
OFG BANCORP	COM	67103X102	654,556	25,098	SH	SOLE	1	25,098	0	0
OGE ENERGY CORP	COM	670837103	10,848,160	302,093	SH	SOLE	1	302,093	0	0
OIL DRI CORP OF AMERICA	COM	677864100	139,393	2,363	SH	SOLE	1	2,363	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	253,517	33,938	SH	SOLE	1	33,938	0	0
OKTA INC	COM	679295105	99,309	1,432	SH	SOLE	1	1,432	0	0
OLAPLEX HOLDINGS INC	COM	679369108	4,319	1,161	SH	SOLE	1	1,161	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	14,411,746	38,977	SH	SOLE	1	38,977	0	0
OLD NATIONAL BANCORP	COM	680033107	8,083,360	579,868	SH	SOLE	1	579,868	0	0
OLD REPUBLIC INTL CORP	COM	680223104	10,336,665	410,674	SH	SOLE	1	410,674	0	0
OLD SECOND BANCORP INC	COM	680277100	272,954	20,900	SH	SOLE	1	20,900	0	0
OLEMA PHARMACEUTICALS INC	COM	68062P106	116,686	12,922	SH	SOLE	1	12,922	0	0
OLIN CORP	COM	680665205	9,323,071	181,418	SH	SOLE	1	181,418	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	5,042,980	87,053	SH	SOLE	1	87,053	0	0
OLO INC CLASS A	CL A	68134L109	321,714	49,801	SH	SOLE	1	49,801	0	0
OLYMPIC STEEL INC	COM	68162K106	258,671	5,279	SH	SOLE	1	5,279	0	0

OMEGA FLEX INC	COM	682095104	163,454	1,575	SH	SOLE	1	1,575	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	10,848,209	353,477	SH	SOLE	1	353,477	0	0
OMEGA THERAPEUTICS INC	COM	68217N105	65,694	11,731	SH	SOLE	1	11,731	0	0
OMEROS CORP	COM	682143102	159,403	29,302	SH	SOLE	1	29,302	0	0
OMNIAB INC	COM	68218J103	225,751	44,881	SH	SOLE	1	44,881	0	0
OMNICELL INC	COM	68213N109	6,574,016	89,236	SH	SOLE	1	89,236	0	0
OMNICOM GROUP	COM	681919106	5,138,861	54,008	SH	SOLE	1	54,008	0	0
ON SEMICONDUCTOR	COM	682189105	13,626,614	144,075	SH	SOLE	1	144,075	0	0
ON24 INC	COM	68339B104	127,760	15,734	SH	SOLE	1	15,734	0	0
ONE GAS INC	COM	68235P108	8,421,602	109,642	SH	SOLE	1	109,642	0	0
ONE GROUP HOSPITALITY INC/TH	COM	88338K103	77,372	10,570	SH	SOLE	1	10,570	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	159,004	7,825	SH	SOLE	1	7,825	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	43,646	999	SH	SOLE	1	999	0	0
ONEOK INC	COM	682680103	7,654,638	124,022	SH	SOLE	1	124,022	0	0
ONESPAN INC	COM	68287N100	315,662	21,271	SH	SOLE	1	21,271	0	0
ONESPAWORLD HOLDINGS LTD	COM	P73684113	425,170	35,138	SH	SOLE	1	35,138	0	0
ONEWATER MARINE INC CL A	CL A	68280L101	201,349	5,556	SH	SOLE	1	5,556	0	0
ONTO INNOVATION INC	COM	683344105	3,064,442	26,311	SH	SOLE	1	26,311	0	0
OOMA INC	COM	683416101	171,901	11,483	SH	SOLE	1	11,483	0	0
OPEN LENDING CORP	CL A	68373J104	503,671	47,923	SH	SOLE	1	47,923	0	0
OPENDOOR TECHNOLOGIES INC	COM	683712103	1,056,532	262,819	SH	SOLE	1	262,819	0	0
OPENLANE INC	COM	48238T109	883,704	58,062	SH	SOLE	1	58,062	0	0
OPKO HEALTH INC	COM	68375N103	421,303	194,149	SH	SOLE	1	194,149	0	0
OPPFI INC	CL A	68386H103	10,563	5,178	SH	SOLE	1	5,178	0	0
OPTIMIZERX CORP	COM	68401U204	114,420	8,007	SH	SOLE	1	8,007	0	0
OPTINOSE INC	COM	68404V100	43,167	35,095	SH	SOLE	1	35,095	0	0
OPTION CARE HEALTH INC	COM	68404L201	10,718,289	329,895	SH	SOLE	1	329,895	0	0
ORACLE CORP	COM	68389X105	48,627,424	408,325	SH	SOLE	1	408,325	0	0
ORANGE COUNTY BANCORP INC	COM	68417L107	90,983	2,459	SH	SOLE	1	2,459	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	200,295	39,979	SH	SOLE	1	39,979	0	0
ORCHESTRA BIOMED HOLDINGS IN	COM	68572M106	14,112	2,016	SH	SOLE	1	2,016	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X301	196,153	18,952	SH	SOLE	1	18,952	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	112,253	33,811	SH	SOLE	1	33,811	0	0
ORGANONCO	COM	68622V106	1,437,347	69,070	SH	SOLE	1	69,070	0	0
ORIC PHARMACEUTICALS INC	COM	68622P109	145,787	18,787	SH	SOLE	1	18,787	0	0
ORIGIN BANCORP INC	COM	68621T102	411,841	14,056	SH	SOLE	1	14,056	0	0
ORIGIN MATERIALS INC	COM	68622D106	217,503	51,057	SH	SOLE	1	51,057	0	0
ORION OFFICE REIT INC	COM	68629Y103	202,755	30,674	SH	SOLE	1	30,674	0	0
ORION SA	COM	L72967109	573,216	27,013	SH	SOLE	1	27,013	0	0

ORMAT TECHNOLOGIES INC	COM	686688102	8,411,449	104,542	SH	SOLE	1	104,542	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	94,371	4,928	SH	SOLE	1	4,928	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	340,594	18,859	SH	SOLE	1	18,859	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	335,014	7,640	SH	SOLE	1	7,640	0	0
OSCAR HEALTH INC CLASS A	CL A	687793109	600,140	74,459	SH	SOLE	1	74,459	0	0
OSHKOSH CORP	COM	688239201	8,530,241	98,513	SH	SOLE	1	98,513	0	0
OSI SYSTEMS INC	COM	671044105	1,001,673	8,501	SH	SOLE	1	8,501	0	0
OTIS WORLDWIDE CORP	COM	68902V107	9,982,650	112,152	SH	SOLE	1	112,152	0	0
OTTER TAIL CORP	COM	689648103	1,753,386	22,206	SH	SOLE	1	22,206	0	0
OUTBRAIN INC	COM	69002R103	97,214	19,759	SH	SOLE	1	19,759	0	0
OUTFRONT MEDIA INC	COM	69007J106	1,245,700	79,243	SH	SOLE	1	79,243	0	0
OUTLOOK THERAPEUTICS INC	COM	69012T206	129,907	74,659	SH	SOLE	1	74,659	0	0
OUTSET MEDICAL INC	COM	690145107	520,265	23,789	SH	SOLE	1	23,789	0	0
OVERSEAS SHIPHOLDING GROUP A	CL A	69036R863	115,859	27,784	SH	SOLE	1	27,784	0	0
OVERSTOCK.COM INC	COM	690370101	707,453	21,721	SH	SOLE	1	21,721	0	0
OVID THERAPEUTICS INC	COM	690469101	94,139	28,701	SH	SOLE	1	28,701	0	0
OVINTIV INC	COM	69047Q102	14,079,885	369,842	SH	SOLE	1	369,842	0	0
OWENSMINOR INC	COM	690732102	761,467	39,993	SH	SOLE	1	39,993	0	0
OWENS CORNING	COM	690742101	17,736,255	135,910	SH	SOLE	1	135,910	0	0
OXFORD INDUSTRIES INC	COM	691497309	791,002	8,037	SH	SOLE	1	8,037	0	0
P GE CORP	COM	69331C108	7,756,854	448,892	SH	SOLE	1	448,892	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	79,694	2,977	SH	SOLE	1	2,977	0	0
P10 INC A	CL A	69376K106	234,012	20,709	SH	SOLE	1	20,709	0	0
P3 HEALTH PARTNERS INC	CL A	744413105	57,348	19,180	SH	SOLE	1	19,180	0	0
PACCAR INC	COM	693718108	14,185,451	169,581	SH	SOLE	1	169,581	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	1,613,716	121,332	SH	SOLE	1	121,332	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,055,321	51,031	SH	SOLE	1	51,031	0	0
PACIRA BIOSCIENCES INC	COM	695127100	981,074	24,484	SH	SOLE	1	24,484	0	0
PACKAGING CORP OF AMERICA	COM	695156109	3,990,968	30,198	SH	SOLE	1	30,198	0	0
PACTIV EVERGREEN INC	COM	69526K105	145,927	19,277	SH	SOLE	1	19,277	0	0
PACWEST BANCORP	COM	695263103	524,167	64,315	SH	SOLE	1	64,315	0	0
PAGERDUTY INC	COM	69553P100	923,433	41,078	SH	SOLE	1	41,078	0	0
PAGSEGURO DIGITAL LTD CL A	CL A	G68707101	902,785	95,634	SH	SOLE	1	95,634	0	0
PALANTIR TECHNOLOGIES INC A	CL A	69608A108	534,067	34,838	SH	SOLE	1	34,838	0	0
PALO ALTO NETWORKS INC	COM	697435105	24,913,247	97,504	SH	SOLE	1	97,504	0	0
PALOMAR HOLDINGS INC	COM	69753M105	761,833	13,126	SH	SOLE	1	13,126	0	0
PANGAEA LOGISTICS SOLUTIONS	L SHS	G6891L105	118,712	17,535	SH	SOLE	1	17,535	0	0
PAPA JOHN S INTL INC	COM	698813102	4,531,242	61,374	SH	SOLE	1	61,374	0	0

PAR PACIFIC HOLDINGS INC	COM	69888T207	791,328	29,738	SH	SOLE	1	29,738	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	422,492	12,830	SH	SOLE	1	12,830	0	0
PARAGON 28 INC	COM	69913P105	375,006	21,139	SH	SOLE	1	21,139	0	0
PARAMOUNT GLOBAL CLASS A	CL A	92556H107	1,522	82	SH	SOLE	1	82	0	0
PARAMOUNT GLOBAL CLASS B	CL B	92556H206	2,194,180	137,912	SH	SOLE	1	137,912	0	0
PARAMOUNT GROUP INC	COM	69924R108	394,726	89,103	SH	SOLE	1	89,103	0	0
PARK AEROSPACE CORP	COM	70014A104	130,603	9,464	SH	SOLE	1	9,464	0	0
PARK HOTELSRESORTS INC	COM	700517105	4,170,013	325,274	SH	SOLE	1	325,274	0	0
PARK NATIONAL CORP	COM	700658107	788,171	7,703	SH	SOLE	1	7,703	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	76,779	4,041	SH	SOLE	1	4,041	0	0
PARKE BANCORP INC	COM	700885106	85,528	5,034	SH	SOLE	1	5,034	0	0
PARKER HANNIFIN CORP	COM	701094104	13,548,819	34,737	SH	SOLE	1	34,737	0	0
PARSONS CORP	COM	70202L102	956,879	19,877	SH	SOLE	1	19,877	0	0
PATHWARD FINANCIAL INC	COM	59100U108	682,373	14,719	SH	SOLE	1	14,719	0	0
PATRIA INVESTMENTS LTD A	CL A	G69451105	374,431	26,184	SH	SOLE	1	26,184	0	0
PATRICK INDUSTRIES INC	COM	703343103	917,120	11,464	SH	SOLE	1	11,464	0	0
PATTERSON COS INC	COM	703395103	5,747,428	172,803	SH	SOLE	1	172,803	0	0
PATTERSON UTI ENERGY INC	COM	703481101	1,333,877	111,435	SH	SOLE	1	111,435	0	0
PAYCHEX INC	COM	704326107	14,567,935	130,222	SH	SOLE	1	130,222	0	0
PAYCOM SOFTWARE INC	COM	70432V102	5,370,812	16,719	SH	SOLE	1	16,719	0	0
PAYCOR HCM INC	COM	70435P102	17,445	737	SH	SOLE	1	737	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	11,572,061	62,711	SH	SOLE	1	62,711	0	0
PAYONEER GLOBAL INC	COM	70451X104	668,653	139,013	SH	SOLE	1	139,013	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	25,805,092	386,709	SH	SOLE	1	386,709	0	0
PAYSAFE LTD	LTD SHS	G6964L206	157,687	15,628	SH	SOLE	1	15,628	0	0
PAYSIGN INC	COM	70451A104	38,504	15,716	SH	SOLE	1	15,716	0	0
PBF ENERGY INC CLASS A	COM	69318G106	9,029,153	220,546	SH	SOLE	1	220,546	0	0
PC CONNECTION INC	COM	69318J100	276,959	6,141	SH	SOLE	1	6,141	0	0
PCB BANCORP	COM	69320M109	77,242	5,251	SH	SOLE	1	5,251	0	0
PDC ENERGY INC	COM	69327R101	9,383,579	131,903	SH	SOLE	1	131,903	0	0
PDD HOLDINGS INC	ADR	722304102	2,745,549	39,710	SH	SOLE	1	39,710	0	0
PDF SOLUTIONS INC	COM	693282105	740,181	16,412	SH	SOLE	1	16,412	0	0
PDS BIOTECHNOLOGY CORP	COM	70465T107	67,694	13,458	SH	SOLE	1	13,458	0	0
PEABODY ENERGY CORP	COM	704551100	1,300,055	60,021	SH	SOLE	1	60,021	0	0
PEAKSTONE REALTY TRUST	COM	39818P799	373,960	13,394	SH	SOLE	1	13,394	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	222,462	8,215	SH	SOLE	1	8,215	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	911,077	65,357	SH	SOLE	1	65,357	0	0

PEDIATRIX MEDICAL GROUP INC	COM	58502B106	640,999	45,109	SH	SOLE	1	45,109	0	0
PEGASYSYSTEMS INC	COM	705573103	38,405	779	SH	SOLE	1	779	0	0
PELOTON INTERACTIVE INC A	CL A	70614W100	44,064	5,730	SH	SOLE	1	5,730	0	0
PENN ENTERTAINMENT INC	COM	707569109	5,585,677	232,446	SH	SOLE	1	232,446	0	0
PENNANT GROUP INC/THE	COM	70805E109	171,208	13,942	SH	SOLE	1	13,942	0	0
PENNS WOODS BANCORP INC	COM	708430103	82,574	3,299	SH	SOLE	1	3,299	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	863,969	12,288	SH	SOLE	1	12,288	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	639,329	47,428	SH	SOLE	1	47,428	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	29,827	179	SH	SOLE	1	179	0	0
PENTAIR PLC	COM	G7S00T104	2,884,907	44,658	SH	SOLE	1	44,658	0	0
PENUMBRA INC	COM	70975L107	19,966,146	58,031	SH	SOLE	1	58,031	0	0
PEOPLES BANCORP INC	COM	709789101	432,818	16,302	SH	SOLE	1	16,302	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	147,091	3,359	SH	SOLE	1	3,359	0	0
PEPGEN INC	COM	713317105	43,243	4,837	SH	SOLE	1	4,837	0	0
PEPSICO INC	COM	713448108	82,072,649	443,109	SH	SOLE	1	443,109	0	0
PERDOCEO EDUCATION CORP	COM	71363P106	443,008	36,105	SH	SOLE	1	36,105	0	0
PERELLA WEINBERG PARTNERS	CL A	71367G102	170,948	20,522	SH	SOLE	1	20,522	0	0
PERFICIENT INC	COM	71375U101	1,538,855	18,467	SH	SOLE	1	18,467	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	14,228,025	236,189	SH	SOLE	1	236,189	0	0
PERFORMANT FINANCIAL CORP	COM	71377E105	87,461	32,393	SH	SOLE	1	32,393	0	0
PERIMETER SOLUTIONS SA	COM	L7579L106	464,018	75,450	SH	SOLE	1	75,450	0	0
PERMIAN RESOURCES CORP	CL A	71424F105	1,341,964	122,442	SH	SOLE	1	122,442	0	0
PERPETUA RESOURCES CORP	COM	714266103	66,721	18,180	SH	SOLE	1	18,180	0	0
PERRIGO CO PLC	COM	G97822103	6,929,568	204,111	SH	SOLE	1	204,111	0	0
PETCO HEALTH AND WELLNESS CO	COM	71601V105	6,497	730	SH	SOLE	1	730	0	0
PETIQ INC	COM	71639T106	199,577	13,156	SH	SOLE	1	13,156	0	0
PETMED EXPRESS INC	COM	716382106	136,397	9,891	SH	SOLE	1	9,891	0	0
PFIZER INC	COM	717081103	55,441,600	1,511,494	SH	SOLE	1	1,511,494	0	0
PGT INNOVATIONS INC	COM	69336V101	911,462	31,268	SH	SOLE	1	31,268	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	169,635	11,846	SH	SOLE	1	11,846	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	150,371	10,976	SH	SOLE	1	10,976	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	40,160,868	411,400	SH	SOLE	1	411,400	0	0
PHILLIPS 66	COM	718546104	11,853,159	124,273	SH	SOLE	1	124,273	0	0
PHILLIPS EDISONCOMPANY IN	COM	71844V201	2,159,002	63,351	SH	SOLE	1	63,351	0	0
PHOTRONICS INC	COM	719405102	847,924	32,878	SH	SOLE	1	32,878	0	0
PHREESIA INC	COM	71944F106	762,474	24,588	SH	SOLE	1	24,588	0	0

PHYSICIANS REALTY TRUST	COM	71943U104	6,604,735	472,104	SH	SOLE	1	472,104	0	0
PIEDMONT LITHIUM INC	COM	72016P105	498,441	8,637	SH	SOLE	1	8,637	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	432,427	59,481	SH	SOLE	1	59,481	0	0
PILGRIM S PRIDE CORP	COM	72147K108	1,457,194	67,808	SH	SOLE	1	67,808	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	6,556,614	115,739	SH	SOLE	1	115,739	0	0
PINNACLE WEST CAPITAL	COM	723484101	2,498,134	30,667	SH	SOLE	1	30,667	0	0
PINTEREST INCCLASS A	CL A	72352L106	301,615	11,032	SH	SOLE	1	11,032	0	0
PIONEER BANCORP INC/NY	COM	723561106	50,263	5,616	SH	SOLE	1	5,616	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	14,903,700	71,936	SH	SOLE	1	71,936	0	0
PIPER SANDLER COS	COM	724078100	1,186,090	9,176	SH	SOLE	1	9,176	0	0
PITNEY BOWES INC	COM	724479100	331,291	93,585	SH	SOLE	1	93,585	0	0
PJT PARTNERS INC A	COM	69343T107	815,833	11,715	SH	SOLE	1	11,715	0	0
PLANET FITNESS INC CL A	CL A	72703H101	8,668,738	128,540	SH	SOLE	1	128,540	0	0
PLANET LABS PBC	CL A	72703X106	295,831	91,873	SH	SOLE	1	91,873	0	0
PLAYAGS INC	COM	72814N104	100,451	17,779	SH	SOLE	1	17,779	0	0
PLAYSTUDIOS INC	CL A	72815G108	202,233	41,188	SH	SOLE	1	41,188	0	0
PLAYTIKA HOLDING CORP	COM	72815L107	4,675	403	SH	SOLE	1	403	0	0
PLEXUS CORP	COM	729132100	1,449,826	14,758	SH	SOLE	1	14,758	0	0
PLIANT THERAPEUTICS INC	COM	729139105	492,773	27,195	SH	SOLE	1	27,195	0	0
PLUG POWER INC	COM	72919P202	48,095	4,629	SH	SOLE	1	4,629	0	0
PLUMAS BANCORP	COM	729273102	93,936	2,632	SH	SOLE	1	2,632	0	0
PLYMOUTH INDUSTRIAL REIT INC	COM	729640102	476,077	20,681	SH	SOLE	1	20,681	0	0
PMV PHARMACEUTICALS INC	COM	69353Y103	116,198	18,562	SH	SOLE	1	18,562	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	16,467,459	130,746	SH	SOLE	1	130,746	0	0
PNM RESOURCES INC	COM	69349H107	7,667,045	170,001	SH	SOLE	1	170,001	0	0
POINT BIOPHARMA GLOBAL INC	COM	730541109	394,590	43,553	SH	SOLE	1	43,553	0	0
POLARIS INC	COM	731068102	9,763,042	80,733	SH	SOLE	1	80,733	0	0
POLYMET MINING CORP	COM	731916409	12,990	16,443	SH	SOLE	1	16,443	0	0
PONCE FINANCIAL GROUP INC	COM	732344106	85,570	9,847	SH	SOLE	1	9,847	0	0
POOL CORP	COM	73278L105	5,129,946	13,693	SH	SOLE	1	13,693	0	0
POPULAR INC	COM	733174700	37,946	627	SH	SOLE	1	627	0	0
PORTILLO S INC CL A	CL A	73642K106	460,829	20,454	SH	SOLE	1	20,454	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	8,975,719	191,666	SH	SOLE	1	191,666	0	0
POSEIDA THERAPEUTICS INC	COM	73730P108	57,573	32,712	SH	SOLE	1	32,712	0	0
POST HOLDINGS INC	COM	737446104	6,997,681	80,758	SH	SOLE	1	80,758	0	0
POSTAL REALTY TRUST INCA	CL A	73757R102	132,728	9,023	SH	SOLE	1	9,023	0	0
POTBELLY CORP	COM	73754Y100	110,312	12,564	SH	SOLE	1	12,564	0	0
POTLATCHDELTIC CORP	COM	737630103	8,347,129	157,940	SH	SOLE	1	157,940	0	0

POWELL INDUSTRIES INC	COM	739128106	298,224	4,922	SH	SOLE	1	4,922	0	0
POWER INTEGRATIONS INC	COM	739276103	10,731,318	113,355	SH	SOLE	1	113,355	0	0
POWERSCHOOL HOLDINGS INC A	CL A	73939C106	516,627	26,992	SH	SOLE	1	26,992	0	0
PPG INDUSTRIES INC	COM	693506107	10,169,079	68,571	SH	SOLE	1	68,571	0	0
PPL CORP	COM	69351T106	6,262,764	236,688	SH	SOLE	1	236,688	0	0
PRA GROUP INC	COM	69354N106	474,777	20,778	SH	SOLE	1	20,778	0	0
PRECIGEN INC	COM	74017N105	74,788	65,033	SH	SOLE	1	65,033	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	395,048	7,184	SH	SOLE	1	7,184	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	186,696	1,196	SH	SOLE	1	1,196	0	0
PRELUDE THERAPEUTICS INC	COM	74065P101	21,474	4,772	SH	SOLE	1	4,772	0	0
PREMIER FINANCIAL CORP	COM	74052F108	272,805	17,029	SH	SOLE	1	17,029	0	0
PREMIER INC CLASS A	COM	74051N102	29,237	1,057	SH	SOLE	1	1,057	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	1,589,990	26,754	SH	SOLE	1	26,754	0	0
PRESTO AUTOMATION INC	COM	74113T105	8,002	1,533	SH	SOLE	1	1,533	0	0
PRICESMART INC	COM	741511109	1,025,953	13,853	SH	SOLE	1	13,853	0	0
PRIME MEDICINE INC	COM	74168J101	278,936	19,040	SH	SOLE	1	19,040	0	0
PRIMEENERGY RESOURCES CORP	COM	74158E104	32,671	355	SH	SOLE	1	355	0	0
PRIMERICA INC	COM	74164M108	10,850,696	54,868	SH	SOLE	1	54,868	0	0
PRIMIS FINANCIAL CORP	COM	74167B109	82,146	9,756	SH	SOLE	1	9,756	0	0
PRIMO WATER CORP	COM	74167P108	945,228	75,377	SH	SOLE	1	75,377	0	0
PRIMORIS SERVICES CORP	COM	74164F103	779,209	25,573	SH	SOLE	1	25,573	0	0
PRINCETON BANCORP INC	COM	74179A107	66,852	2,447	SH	SOLE	1	2,447	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	4,708,981	62,091	SH	SOLE	1	62,091	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	30,774	8,501	SH	SOLE	1	8,501	0	0
PRIVIA HEALTH GROUP INC	COM	74276R102	986,357	37,777	SH	SOLE	1	37,777	0	0
PROASSURANCE CORP	COM	74267C106	437,867	29,017	SH	SOLE	1	29,017	0	0
PROCEPT BIOROBOTICS CORP	COM	74276L105	614,171	17,374	SH	SOLE	1	17,374	0	0
PROCORE TECHNOLOGIES INC	COM	74275K108	94,937	1,459	SH	SOLE	1	1,459	0	0
PROCTER GAMBLE CO/THE	COM	742718109	94,812,918	624,838	SH	SOLE	1	624,838	0	0
PROFRAC HOLDING CORP A	CL A	74319N100	129,713	11,623	SH	SOLE	1	11,623	0	0
PROG HOLDINGS INC	COM	74319R101	799,820	24,901	SH	SOLE	1	24,901	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,357,797	23,370	SH	SOLE	1	23,370	0	0
PROGRESSIVE CORP	COM	743315103	24,661,060	186,304	SH	SOLE	1	186,304	0	0
PROGYNY INC	COM	74340E103	5,998,563	152,480	SH	SOLE	1	152,480	0	0
PROKIDNEY CORP	CL A ORD SHS	G7S53R104	332,321	29,698	SH	SOLE	1	29,698	0	0
PROLOGIS INC	COM	74340W103	33,890,640	276,365	SH	SOLE	1	276,365	0	0

PROPETRO HOLDING CORP	COM	74347M108	435,641	52,869	SH	SOLE	1	52,869	0	0
PROS HOLDINGS INC	COM	74346Y103	663,001	21,526	SH	SOLE	1	21,526	0	0
PROSPERITY BANCSHARES INC	COM	743606105	8,028,067	142,140	SH	SOLE	1	142,140	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	720,716	26,094	SH	SOLE	1	26,094	0	0
PROTALIX BIOTHERAPEUTICS INC	COM	74365A309	54,068	27,034	SH	SOLE	1	27,034	0	0
PROTERRA INC	COM	74374T109	127,924	106,603	SH	SOLE	1	106,603	0	0
PROTHENA CORP PLC	COM	G72800108	1,362,459	19,954	SH	SOLE	1	19,954	0	0
PROTO LABS INC	COM	743713109	494,894	14,156	SH	SOLE	1	14,156	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	646,443	39,562	SH	SOLE	1	39,562	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	8,866,022	100,499	SH	SOLE	1	100,499	0	0
PTC INC	COM	69370C100	4,718,241	33,157	SH	SOLE	1	33,157	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,386,725	34,097	SH	SOLE	1	34,097	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	8,458,611	135,100	SH	SOLE	1	135,100	0	0
PUBLIC STORAGE	COM	74460D109	14,494,761	49,660	SH	SOLE	1	49,660	0	0
PUBMATIC INC CLASS A	CL A	74467Q103	380,626	20,822	SH	SOLE	1	20,822	0	0
PULMONX CORP	COM	745848101	231,457	17,655	SH	SOLE	1	17,655	0	0
PULSE BIOSCIENCES INC	COM	74587B101	55,895	7,774	SH	SOLE	1	7,774	0	0
PULTEGROUP INC	COM	745867101	4,694,435	60,433	SH	SOLE	1	60,433	0	0
PURE CYCLE CORP	COM	746228303	103,576	9,416	SH	SOLE	1	9,416	0	0
PURE STORAGE INC CLASS A	COM	74624M102	170,624	4,634	SH	SOLE	1	4,634	0	0
PURECYCLE TECHNOLOGIES INC	COM	74623V103	597,881	55,929	SH	SOLE	1	55,929	0	0
PURPLE INNOVATION INC	COM	74640Y106	85,985	30,930	SH	SOLE	1	30,930	0	0
PVH CORP	COM	693656100	8,046,659	94,700	SH	SOLE	1	94,700	0	0
Q2 HOLDINGS INC	COM	74736L109	847,185	27,417	SH	SOLE	1	27,417	0	0
QCR HOLDINGS INC	COM	74727A104	325,778	7,940	SH	SOLE	1	7,940	0	0
QIAGEN N.V.	COM	N72482123	91,231	2,026	SH	SOLE	1	2,026	0	0
QIFU TECHNOLOGY INC	ADR	88557W101	17,885	1,035	SH	SOLE	1	1,035	0	0
QORVO INC	COM	74736K101	2,759,503	27,046	SH	SOLE	1	27,046	0	0
QUAD GRAPHICS INC	CL A	747301109	56,276	14,967	SH	SOLE	1	14,967	0	0
QUAKER CHEMICAL CORPORATION	COM	747316107	1,451,810	7,449	SH	SOLE	1	7,449	0	0
QUALCOMM INC	COM	747525103	46,787,124	393,037	SH	SOLE	1	393,037	0	0
QUALYS INC	COM	74758T303	8,817,273	68,261	SH	SOLE	1	68,261	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	476,453	17,745	SH	SOLE	1	17,745	0	0
QUANTA SERVICES INC	COM	74762E102	7,959,368	40,516	SH	SOLE	1	40,516	0	0
QUANTERIX CORP	COM	74766Q101	382,425	16,959	SH	SOLE	1	16,959	0	0
QUANTUM SI INC	CL A	74765K105	86,545	48,349	SH	SOLE	1	48,349	0	0
QUANTUMSCAPE CORP	CL A	74767V109	20,942	2,621	SH	SOLE	1	2,621	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	4,690,206	33,368	SH	SOLE	1	33,368	0	0
QUIDELORTHO CORP	COM	219798105	6,745,053	81,403	SH	SOLE	1	81,403	0	0
QUINSTREET INC	COM	74874Q100	245,863	27,844	SH	SOLE	1	27,844	0	0

QUIPT HOME MEDICAL CORP	COM	74880P104	103,719	19,423	SH	SOLE	1	19,423	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	167,286	43,564	SH	SOLE	1	43,564	0	0
QURATE RETAIL GROUP INC B	COM SER B	74915M209	5,312	640	SH	SOLE	1	640	0	0
R1 RCM INC	COM	77634L105	3,842,951	208,290	SH	SOLE	1	208,290	0	0
RACKSPACE TECHNOLOGY INC	COM	750102105	103,194	37,939	SH	SOLE	1	37,939	0	0
RADIAN GROUP INC	COM	750236101	2,135,958	84,492	SH	SOLE	1	84,492	0	0
RADIANT LOGISTICS INC	COM	75025X100	119,482	17,780	SH	SOLE	1	17,780	0	0
RADIUS GLOBAL INFRASTRUCTU A	CL A	750481103	609,142	40,882	SH	SOLE	1	40,882	0	0
RADNET INC	COM	750491102	879,533	26,963	SH	SOLE	1	26,963	0	0
RAIN ONCOLOGY INC	COM	75082Q105	9,816	8,180	SH	SOLE	1	8,180	0	0
RALLYBIO CORP	COM	75120L100	83,287	14,715	SH	SOLE	1	14,715	0	0
RALPH LAUREN CORP	COM	751212101	1,371,713	11,125	SH	SOLE	1	11,125	0	0
RAMACO RESOURCES INC A	CL A	75134P600	91,642	10,858	SH	SOLE	1	10,858	0	0
RAMACO RESOURCES INC B	CL B	75134P501	23,056	2,173	SH	SOLE	1	2,173	0	0
RAMBUS INC	COM	750917106	3,758,694	58,574	SH	SOLE	1	58,574	0	0
RANGE RESOURCES CORP	COM	75281A109	10,697,837	363,872	SH	SOLE	1	363,872	0	0
RANGER ENERGY SERVICES INC	CL A	75282U104	76,564	7,477	SH	SOLE	1	7,477	0	0
RANPAK HOLDINGS CORP	CL A	75321W103	94,341	20,872	SH	SOLE	1	20,872	0	0
RAPID7 INC	COM	753422104	1,308,411	28,896	SH	SOLE	1	28,896	0	0
RAPT THERAPEUTICS INC	COM	75382E109	265,839	14,216	SH	SOLE	1	14,216	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	6,152,004	59,285	SH	SOLE	1	59,285	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	131,392	30,699	SH	SOLE	1	30,699	0	0
RAYONIER INC	COM	754907103	7,019,501	223,551	SH	SOLE	1	223,551	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	37,482,925	382,635	SH	SOLE	1	382,635	0	0
RB GLOBAL INC	COM	74935Q107	177,780	2,963	SH	SOLE	1	2,963	0	0
RBB BANCORP	COM	74930B105	96,404	8,074	SH	SOLE	1	8,074	0	0
RBC BEARINGS INC	COM	75524B104	54,802	252	SH	SOLE	1	252	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	313,231	4,122	SH	SOLE	1	4,122	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	181,468	9,422	SH	SOLE	1	9,422	0	0
READY CAPITAL CORP	COM	75574U101	971,411	86,118	SH	SOLE	1	86,118	0	0
REALTY INCOME CORP	COM	756109104	11,849,661	198,188	SH	SOLE	1	198,188	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	1,402,664	13,757	SH	SOLE	1	13,757	0	0
RECURSION PHARMACEUTICALS A	CL A	75629V104	490,704	65,690	SH	SOLE	1	65,690	0	0
RED RIVER BANCSHARES INC	COM	75686R202	114,005	2,320	SH	SOLE	1	2,320	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	105,661	7,640	SH	SOLE	1	7,640	0	0

RED ROCK RESORTS INC CLASS A	COM	75700L108	1,072,665	22,930	SH	SOLE	1	22,930	0	0
RED VIOLET INC	COM	75704L104	110,317	5,363	SH	SOLE	1	5,363	0	0
REDFIN CORP	COM	75737F108	635,867	51,197	SH	SOLE	1	51,197	0	0
REDWIRE CORP	COM	75776W103	9,654	3,786	SH	SOLE	1	3,786	0	0
REDWOOD TRUST INC	COM	758075402	389,831	61,198	SH	SOLE	1	61,198	0	0
REGAL REXNORD CORP	COM	758750103	15,385,075	99,968	SH	SOLE	1	99,968	0	0
REGENCY CENTERS CORP	COM	758849103	2,582,851	41,814	SH	SOLE	1	41,814	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	27,824,743	38,724	SH	SOLE	1	38,724	0	0
REGENXBIO INC	COM	75901B107	432,943	21,658	SH	SOLE	1	21,658	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	115,229	3,778	SH	SOLE	1	3,778	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	4,527,171	254,050	SH	SOLE	1	254,050	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	13,919,761	100,366	SH	SOLE	1	100,366	0	0
RELAY THERAPEUTICS INC	COM	75943R102	545,795	43,455	SH	SOLE	1	43,455	0	0
RELIANCE STEELALUMINUM	COM	759509102	24,083,243	88,675	SH	SOLE	1	88,675	0	0
REMITLY GLOBAL INC	COM	75960P104	764,299	40,611	SH	SOLE	1	40,611	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	14,153,511	75,882	SH	SOLE	1	75,882	0	0
RENASANT CORP	COM	75970E107	776,218	29,706	SH	SOLE	1	29,706	0	0
RENEO PHARMACEUTICALS INC	COM	75974E103	30,563	4,659	SH	SOLE	1	4,659	0	0
RENT THE RUNWAY INC A	CL A	76010Y103	45,829	23,146	SH	SOLE	1	23,146	0	0
REPAY HOLDINGS CORP	CL A	76029L100	306,263	39,114	SH	SOLE	1	39,114	0	0
REPLIGEN CORP	COM	759916109	11,086,928	78,375	SH	SOLE	1	78,375	0	0
REPLIMUNE GROUP INC	COM	76029N106	455,275	19,607	SH	SOLE	1	19,607	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	176,205	4,146	SH	SOLE	1	4,146	0	0
REPUBLIC SERVICES INC	COM	760759100	10,172,939	66,416	SH	SOLE	1	66,416	0	0
RESERVOIR MEDIA INC	COM	76119X105	57,515	9,554	SH	SOLE	1	9,554	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	1,390,266	78,724	SH	SOLE	1	78,724	0	0
RESMED INC	COM	761152107	10,061,051	46,046	SH	SOLE	1	46,046	0	0
RESOURCES CONNECTION INC	COM	76122Q105	273,260	17,394	SH	SOLE	1	17,394	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	895,686	66,298	SH	SOLE	1	66,298	0	0
REV GROUP INC	COM	749527107	202,135	15,244	SH	SOLE	1	15,244	0	0
REVANCE THERAPEUTICS INC	COM	761330109	1,016,298	40,154	SH	SOLE	1	40,154	0	0
REVOLUTION MEDICINES INC	COM	76155X100	1,305,801	48,815	SH	SOLE	1	48,815	0	0
REVOLVE GROUP INC	CL A	76156B107	324,064	19,760	SH	SOLE	1	19,760	0	0
REVVITY INC	COM	714046109	4,035,890	33,975	SH	SOLE	1	33,975	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	289,584	8,319	SH	SOLE	1	8,319	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	15,827,569	303,094	SH	SOLE	1	303,094	0	0

REYNOLDS CONSUMER PRODUCTS I	COM	76171L106	13,673	484	SH	SOLE	1	484	0	0
RGC RESOURCES INC	COM	74955L103	77,216	3,855	SH	SOLE	1	3,855	0	0
RH	COM	74967X103	8,880,803	26,945	SH	SOLE	1	26,945	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	407,781	24,729	SH	SOLE	1	24,729	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	117,961	42,280	SH	SOLE	1	42,280	0	0
RICHARDSON ELEC LTD	COM	763165107	95,073	5,762	SH	SOLE	1	5,762	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	106,256	82,369	SH	SOLE	1	82,369	0	0
RILEY EXPLORATION PERMIAN IN	COM	76665T102	152,096	4,258	SH	SOLE	1	4,258	0	0
RIMINI STREET INC	COM	76674Q107	112,522	23,491	SH	SOLE	1	23,491	0	0
RING ENERGY INC	COM	76680V108	98,722	57,732	SH	SOLE	1	57,732	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	51,910	1,586	SH	SOLE	1	1,586	0	0
RIOT PLATFORMS INC	COM	767292105	910,022	76,990	SH	SOLE	1	76,990	0	0
RITHM CAPITAL CORP	COM	64828T201	40,130	4,292	SH	SOLE	1	4,292	0	0
RIVIAN AUTOMOTIVE INC A	CL A	76954A103	76,603	4,598	SH	SOLE	1	4,598	0	0
RLI CORP	COM	749607107	8,356,877	61,236	SH	SOLE	1	61,236	0	0
RLJ LODGING TRUST	COM	74965L101	786,774	76,609	SH	SOLE	1	76,609	0	0
RMR GROUP INC/THE A	COM	74967R106	171,759	7,413	SH	SOLE	1	7,413	0	0
ROBERT HALF INC	COM	770323103	2,485,118	33,038	SH	SOLE	1	33,038	0	0
ROBINHOOD MARKETS INC A	CL A	770700102	59,032	5,915	SH	SOLE	1	5,915	0	0
ROBLOX CORPCLASS A	CL A	771049103	344,041	8,537	SH	SOLE	1	8,537	0	0
ROCKET COS INC CLASS A	CL A	77311W101	13,879	1,549	SH	SOLE	1	1,549	0	0
ROCKET LAB USA INC	COM	773122106	805,464	134,244	SH	SOLE	1	134,244	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	536,589	27,005	SH	SOLE	1	27,005	0	0
ROCKWELL AUTOMATION INC	COM	773903109	10,614,879	32,220	SH	SOLE	1	32,220	0	0
ROCKY BRANDS INC	COM	774515100	70,518	3,358	SH	SOLE	1	3,358	0	0
ROGERS CORP	COM	775133101	1,517,932	9,374	SH	SOLE	1	9,374	0	0
ROIVANT SCIENCES LTD	SHS	G76279101	44,423	4,407	SH	SOLE	1	4,407	0	0
ROIVANT SCIENCES LTD	SHS	G76279101	18,292,146	1,814,697	SH	SOLE	2	1,814,697	0	0
ROKU INC	COM	77543R102	79,694	1,246	SH	SOLE	1	1,246	0	0
ROLLINS INC	COM	775711104	2,831,962	66,121	SH	SOLE	1	66,121	0	0
ROPER TECHNOLOGIES INC	COM	776696106	15,910,153	33,091	SH	SOLE	1	33,091	0	0
ROSS STORES INC	COM	778296103	13,385,743	119,377	SH	SOLE	1	119,377	0	0
ROVER GROUP INC	CL A	77936F103	219,546	44,714	SH	SOLE	1	44,714	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	6,262,058	60,363	SH	SOLE	1	60,363	0	0
ROYAL GOLD INC	COM	780287108	11,370,336	99,062	SH	SOLE	1	99,062	0	0
ROYALTY PHARMA PLCCL A	CL A	G7709Q104	101,719	3,309	SH	SOLE	1	3,309	0	0
RPC INC	COM	749660106	325,818	45,569	SH	SOLE	1	45,569	0	0
RPM INTERNATIONAL INC	COM	749685103	17,466,842	194,660	SH	SOLE	1	194,660	0	0

RPT REALTY	COM	74971D101	482,884	46,209	SH	SOLE	1	46,209	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	204,384	3,003	SH	SOLE	1	3,003	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	1,214,557	19,996	SH	SOLE	1	19,996	0	0
RUSH STREET INTERACTIVE INC	COM	782011100	94,598	30,320	SH	SOLE	1	30,320	0	0
RXO INC	COM	74982T103	1,416,308	62,475	SH	SOLE	1	62,475	0	0
RXSIGHT INC	COM	78349D107	375,610	13,042	SH	SOLE	1	13,042	0	0
RYAN SPECIALTY HOLDINGS INC	CL A	78351F107	77,390	1,724	SH	SOLE	1	1,724	0	0
RYDER SYSTEM INC	COM	783549108	5,945,475	70,120	SH	SOLE	1	70,120	0	0
RYERSON HOLDING CORP	COM	783754104	470,586	10,848	SH	SOLE	1	10,848	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	2,585,871	27,829	SH	SOLE	1	27,829	0	0
ST BANCORP INC	COM	783859101	568,189	20,897	SH	SOLE	1	20,897	0	0
SP GLOBAL INC	COM	78409V104	42,496,344	106,005	SH	SOLE	1	106,005	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	5,392,496	458,156	SH	SOLE	1	458,156	0	0
SABRE CORP	COM	78573M104	562,394	176,299	SH	SOLE	1	176,299	0	0
SAFE BULKERS INC	COM	Y7388L103	110,860	34,006	SH	SOLE	1	34,006	0	0
SAFEHOLD INC	COM	78646V107	393,491	16,582	SH	SOLE	1	16,582	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	555,328	7,743	SH	SOLE	1	7,743	0	0
SAGE THERAPEUTICS INC	COM	78667J108	1,196,518	25,447	SH	SOLE	1	25,447	0	0
SAIA INC	COM	78709Y105	13,713,178	40,049	SH	SOLE	1	40,049	0	0
SALESFORCE INC	COM	79466L302	61,134,208	289,379	SH	SOLE	1	289,379	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	712,175	57,666	SH	SOLE	1	57,666	0	0
SANA BIOTECHNOLOGY INC	COM	799566104	267,532	44,888	SH	SOLE	1	44,888	0	0
SANARA MEDTECH INC	COM	79957L100	73,263	1,827	SH	SOLE	1	1,827	0	0
SANDRIDGE ENERGY INC	COM	80007P869	234,332	15,366	SH	SOLE	1	15,366	0	0
SANDY SPRING BANCORP INC	COM	800363103	478,979	21,119	SH	SOLE	1	21,119	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	90,250	69,423	SH	SOLE	1	69,423	0	0
SANMINA CORP	COM	801056102	1,869,214	31,014	SH	SOLE	1	31,014	0	0
SAPIENS INTERNATIONAL CORP	V SHS	G7T16G103	393,627	14,798	SH	SOLE	1	14,798	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	190,447	1,663	SH	SOLE	1	1,663	0	0
SAUL CENTERS INC	COM	804395101	233,171	6,331	SH	SOLE	1	6,331	0	0
SAVARA INC	COM	805111101	117,247	36,697	SH	SOLE	1	36,697	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	6,913,633	29,831	SH	SOLE	1	29,831	0	0
SCANSOURCE INC	COM	806037107	399,237	13,506	SH	SOLE	1	13,506	0	0
SCHLUMBERGER LTD	COM	806857108	20,248,443	412,224	SH	SOLE	1	412,224	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	14,015	488	SH	SOLE	1	488	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	373,675	12,460	SH	SOLE	1	12,460	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	102,944	13,653	SH	SOLE	1	13,653	0	0

SCHOLASTIC CORP	COM	807066105	598,984	15,402	SH	SOLE	1	15,402	0	0
SCHRODINGER INC	COM	80810D103	1,458,363	29,214	SH	SOLE	1	29,214	0	0
SCHWAB (CHARLES) CORP	COM	808513105	24,842,787	438,299	SH	SOLE	1	438,299	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	9,159,809	81,435	SH	SOLE	1	81,435	0	0
SCILEX HOLDING CO	COM	80880W106	171,378	30,768	SH	SOLE	1	30,768	0	0
SCORPIO TANKERS INC	COM	Y7542C130	1,198,603	25,378	SH	SOLE	1	25,378	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	3,895,619	62,141	SH	SOLE	1	62,141	0	0
SCPHERMACEUTICALS INC	COM	810648105	141,641	13,900	SH	SOLE	1	13,900	0	0
SCULPTOR CAPITAL MANAGEMENT	COM	811246107	106,296	12,038	SH	SOLE	1	12,038	0	0
SEA LTD ADR	SPONS ADS	81141R100	4,002,729	68,965	SH	SOLE	1	68,965	0	0
SEABOARD CORP	COM	811543107	7,121	2	SH	SOLE	1	2	0	0
SEACOAST BANKING CORP/FL	COM	811707801	999,627	45,232	SH	SOLE	1	45,232	0	0
SEACOR MARINE HOLDINGS INC	COM	78413P101	132,519	11,594	SH	SOLE	1	11,594	0	0
SEADRILL LIMITED	COM	G7997W102	1,004,429	24,338	SH	SOLE	1	24,338	0	0
SEAGATE TECHNOLOGY HOLDINGS	ORD SHS	G7997R103	5,906,481	95,466	SH	SOLE	1	95,466	0	0
SEAGEN INC	COM	81181C104	2,446,167	12,710	SH	SOLE	1	12,710	0	0
SEALED AIR CORP	COM	81211K100	1,594,480	39,862	SH	SOLE	1	39,862	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	1,075,336	19,199	SH	SOLE	1	19,199	0	0
SECURITY NATL FINL CORP CL A	CL A	814785309	50,790	5,726	SH	SOLE	1	5,726	0	0
SEER INC	CL A	81578P106	120,504	28,221	SH	SOLE	1	28,221	0	0
SEI INVESTMENTS COMPANY	COM	784117103	9,110,890	152,816	SH	SOLE	1	152,816	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,779,381	55,850	SH	SOLE	1	55,850	0	0
SELECT WATER SOLUTIONS INC	COM	81617J301	332,181	41,010	SH	SOLE	1	41,010	0	0
SELECTA BIOSCIENCES INC	COM	816212104	62,610	55,902	SH	SOLE	1	55,902	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	11,486,079	119,709	SH	SOLE	1	119,709	0	0
SELECTQUOTE INC	COM	816307300	128,068	65,676	SH	SOLE	1	65,676	0	0
SEMLER SCIENTIFIC INC	COM	81684M104	63,186	2,408	SH	SOLE	1	2,408	0	0
SEMPRA ENERGY	COM	816851109	16,958,614	116,482	SH	SOLE	1	116,482	0	0
SEMRUSH HOLDINGS INC A	CL A	81686C104	144,363	15,085	SH	SOLE	1	15,085	0	0
SEMTECH CORP	COM	816850101	874,551	34,350	SH	SOLE	1	34,350	0	0
SENECA FOODS CORP CL A	CL A	817070501	92,190	2,821	SH	SOLE	1	2,821	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	60,467	1,344	SH	SOLE	1	1,344	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	5,947,606	83,616	SH	SOLE	1	83,616	0	0
SENTINELONE INCCLASS A	CL A	81730H109	29,007	1,921	SH	SOLE	1	1,921	0	0
SERES THERAPEUTICS INC	COM	81750R102	224,268	46,820	SH	SOLE	1	46,820	0	0

SERVICE CORP INTERNATIONAL	COM	817565104	14,759,784	228,515	SH	SOLE	1	228,515	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	770,169	88,627	SH	SOLE	1	88,627	0	0
SERVICENOW INC	COM	81762P102	35,254,626	62,734	SH	SOLE	1	62,734	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,115,356	27,257	SH	SOLE	1	27,257	0	0
SES AI CORP	CL A	78397Q109	146,646	60,101	SH	SOLE	1	60,101	0	0
SFL CORP LTD	SHS	G7738W106	517,358	55,451	SH	SOLE	1	55,451	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,575,462	20,271	SH	SOLE	1	20,271	0	0
SHARECARE INC	CL A	81948W104	259,765	148,437	SH	SOLE	1	148,437	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	508,852	26,189	SH	SOLE	1	26,189	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	18,679,066	70,349	SH	SOLE	1	70,349	0	0
SHIFT4 PAYMENTS INC CLASS A	CL A	82452J109	68,589	1,010	SH	SOLE	1	1,010	0	0
SHOALS TECHNOLOGIES GROUPA	CL A	82489W107	2,111,000	82,590	SH	SOLE	1	82,590	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	15,866,513	55,592	SH	SOLE	1	55,592	0	0
SHOE CARNIVAL INC	COM	824889109	211,743	9,018	SH	SOLE	1	9,018	0	0
SHORE BANCSHARES INC	COM	825107105	99,347	8,594	SH	SOLE	1	8,594	0	0
SHUTTERSTOCK INC	COM	825690100	643,515	13,222	SH	SOLE	1	13,222	0	0
SHYFT GROUP INC/THE	COM	825698103	365,711	16,578	SH	SOLE	1	16,578	0	0
SI BONE INC	COM	825704109	451,591	16,738	SH	SOLE	1	16,738	0	0
SIERRA BANCORP	COM	82620P102	112,969	6,657	SH	SOLE	1	6,657	0	0
SIGA TECHNOLOGIES INC	COM	826917106	111,999	22,178	SH	SOLE	1	22,178	0	0
SIGHT SCIENCES INC	COM	82657M105	86,129	10,402	SH	SOLE	1	10,402	0	0
SIGNET JEWELERS LTD	COM	G81276100	1,564,739	23,977	SH	SOLE	1	23,977	0	0
SILGAN HOLDINGS INC	COM	827048109	5,926,052	126,382	SH	SOLE	1	126,382	0	0
SILICON LABORATORIES INC	COM	826919102	9,980,525	63,272	SH	SOLE	1	63,272	0	0
SILK ROAD MEDICAL INC	COM	82710M100	600,935	18,496	SH	SOLE	1	18,496	0	0
SILVERBOW RESOURCES INC	COM	82836G102	247,840	8,511	SH	SOLE	1	8,511	0	0
SILVERCREST ASSET MANAGEME A	CL A	828359109	93,029	4,594	SH	SOLE	1	4,594	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,171,258	67,899	SH	SOLE	1	67,899	0	0
SIMON PROPERTY GROUP INC	COM	828806109	10,301,740	89,208	SH	SOLE	1	89,208	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,772,017	48,429	SH	SOLE	1	48,429	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	11,724,995	84,657	SH	SOLE	1	84,657	0	0
SIMULATIONS PLUS INC	COM	829214105	368,825	8,512	SH	SOLE	1	8,512	0	0
SINCLAIR INC	CL A	829242106	234,304	16,954	SH	SOLE	1	16,954	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	970,326	214,200	SH	SOLE	1	214,200	0	0
SIRIUSPOINT LTD	COM	G8192H106	440,718	48,806	SH	SOLE	1	48,806	0	0
SITE CENTERS CORP	COM	82981J109	1,347,567	101,934	SH	SOLE	1	101,934	0	0

SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	89,370	534	SH	SOLE	1	534	0	0
SITIME CORP	COM	82982T106	1,083,908	9,188	SH	SOLE	1	9,188	0	0
SITIO ROYALTIES CORP A	CL A	82983N108	1,021,220	38,874	SH	SOLE	1	38,874	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	1,010,934	38,912	SH	SOLE	1	38,912	0	0
SJW GROUP	COM	784305104	1,154,431	16,466	SH	SOLE	1	16,466	0	0
SKECHERS USA INC CL A	CL A	830566105	10,671,286	202,645	SH	SOLE	1	202,645	0	0
SKILLSOFT CORP	CL A	83066P200	47,797	38,546	SH	SOLE	1	38,546	0	0
SKYLINE CHAMPION CORP	COM	830830105	1,689,199	25,809	SH	SOLE	1	25,809	0	0
SKYWARD SPECIALTY INSURANCE	COM	830940102	127,483	5,019	SH	SOLE	1	5,019	0	0
SKYWATER TECHNOLOGY INC	COM	83089J108	79,806	8,472	SH	SOLE	1	8,472	0	0
SKYWEST INC	COM	830879102	1,047,766	25,731	SH	SOLE	1	25,731	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	4,770,075	43,094	SH	SOLE	1	43,094	0	0
SKYX PLATFORMS CORP	COM	78471E105	72,788	27,364	SH	SOLE	1	27,364	0	0
SL GREEN REALTY CORP	COM	78440X887	1,060,825	35,302	SH	SOLE	1	35,302	0	0
SLEEP NUMBER CORP	COM	83125X103	314,320	11,522	SH	SOLE	1	11,522	0	0
SLM CORP	COM	78442P106	5,981,149	366,492	SH	SOLE	1	366,492	0	0
SM ENERGY CO	COM	78454L100	2,041,021	64,528	SH	SOLE	1	64,528	0	0
SMART GLOBAL HOLDINGS INC	SHS	G8232Y101	754,260	26,000	SH	SOLE	1	26,000	0	0
SMARTFINANCIAL INC	COM	83190L208	164,164	7,632	SH	SOLE	1	7,632	0	0
SMARTRENT INC	CL A	83193G107	339,801	88,721	SH	SOLE	1	88,721	0	0
SMARTSHEET INC CLASS A	COM	83200N103	89,222	2,332	SH	SOLE	1	2,332	0	0
SMITH (A.O.) CORP	COM	831865209	2,462,511	33,835	SH	SOLE	1	33,835	0	0
SMITHWESSON BRANDS INC	COM	831754106	287,167	22,022	SH	SOLE	1	22,022	0	0
SNAP ON INC	COM	833034101	4,179,331	14,502	SH	SOLE	1	14,502	0	0
SNAP ONE HOLDINGS CORP	COM	83303Y105	102,567	8,804	SH	SOLE	1	8,804	0	0
SOFI TECHNOLOGIES INC	COM	83406F102	68,171	8,174	SH	SOLE	1	8,174	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	4,058,888	15,086	SH	SOLE	1	15,086	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	129,148	15,504	SH	SOLE	1	15,504	0	0
SOLARWINDS CORP	COM	83417Q204	251,657	24,528	SH	SOLE	1	24,528	0	0
SOLID POWER INC	COM	83422N105	189,494	74,604	SH	SOLE	1	74,604	0	0
SOLO BRANDS INC CLASS A	CL A	83425V104	59,821	10,569	SH	SOLE	1	10,569	0	0
SOMALOGIC INC	COM	83444K105	168,050	72,749	SH	SOLE	1	72,749	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	402,382	8,441	SH	SOLE	1	8,441	0	0
SONOCO PRODUCTS CO	COM	835495102	8,720,028	147,747	SH	SOLE	1	147,747	0	0
SONOS INC	COM	83570H108	1,115,568	68,314	SH	SOLE	1	68,314	0	0
SOTERA HEALTH CO	COM	83601L102	2,822,496	149,814	SH	SOLE	1	149,814	0	0
SOUNDHOUND AI INC A	COM	836100107	306,620	67,389	SH	SOLE	1	67,389	0	0
SOUNDTHINKING INC	COM	82536T107	94,217	4,310	SH	SOLE	1	4,310	0	0
SOUTH PLAINS	COM	83946P107	130,333	5,790	SH	SOLE	1	5,790	0	0

FINANCIAL INC										
SOUTHERN CO/THE	COM	842587107	20,059,747	285,548	SH	SOLE	1	285,548	0	0
SOUTHERN COPPER CORP	COM	84265V105	88,384	1,232	SH	SOLE	1	1,232	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	91,427	3,694	SH	SOLE	1	3,694	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	158,760	4,129	SH	SOLE	1	4,129	0	0
SOUTHERN STATES BANCSHARES	COM	843878307	76,192	3,611	SH	SOLE	1	3,611	0	0
SOUTHLAND HOLDINGS INC	COM	84445C100	14,844	1,808	SH	SOLE	1	1,808	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	413,328	15,800	SH	SOLE	1	15,800	0	0
SOUTHSTATE CORP	COM	840441109	9,903,887	150,515	SH	SOLE	1	150,515	0	0
SOUTHWEST AIRLINES CO	COM	844741108	5,834,626	161,133	SH	SOLE	1	161,133	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	8,157,639	128,164	SH	SOLE	1	128,164	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	9,982,736	1,661,021	SH	SOLE	1	1,661,021	0	0
SOVOS BRANDS INC	COM	84612U107	373,968	19,119	SH	SOLE	1	19,119	0	0
SP PLUS CORP	COM	78469C103	368,534	9,423	SH	SOLE	1	9,423	0	0
SPARTANNASH CO	COM	847215100	422,153	18,754	SH	SOLE	1	18,754	0	0
SPDR PORTFOLIO SP 500 GROWTH	PRTFLO S&P500 GW	78464A409	19,316,376	316,610	SH	SOLE	1	316,610	0	0
SPDR SP MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	12,451,660	26,000	SH	SOLE	1	26,000	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	27,942	358	SH	SOLE	1	358	0	0
SPHERE ENTERTAINMENT CO	CL A	55826T102	344,073	12,562	SH	SOLE	1	12,562	0	0
SPIRE INC	COM	84857L101	6,578,220	103,692	SH	SOLE	1	103,692	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	30,212	1,035	SH	SOLE	1	1,035	0	0
SPIRIT AIRLINES INC	COM	848577102	906,752	52,841	SH	SOLE	1	52,841	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	8,392,508	213,116	SH	SOLE	1	213,116	0	0
SPLUNK INC	COM	848637104	317,527	2,993	SH	SOLE	1	2,993	0	0
SPOK HOLDINGS INC	COM	84863T106	113,709	8,556	SH	SOLE	1	8,556	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	103,888	18,226	SH	SOLE	1	18,226	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	418,554	2,607	SH	SOLE	1	2,607	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	735,392	28,047	SH	SOLE	1	28,047	0	0
SPRINKLR INC A	CL A	85208T107	579,380	41,893	SH	SOLE	1	41,893	0	0
SPROUT SOCIAL INC CLASS A	CL A	85209W109	1,062,049	23,008	SH	SOLE	1	23,008	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	7,507,906	204,408	SH	SOLE	1	204,408	0	0
SPS COMMERCE INC	COM	78463M107	3,785,311	19,709	SH	SOLE	1	19,709	0	0
SPX TECHNOLOGIES INC	COM	78473E103	2,021,691	23,793	SH	SOLE	1	23,793	0	0
SQUARESPACE INC CLASS A	CL A	85225A107	678,583	21,515	SH	SOLE	1	21,515	0	0
SQZ BIOTECHNOLOGIES CO	COM	78472W104	679,637	2,517,173	SH	SOLE	2	2,517,173	0	0

SSC TECHNOLOGIES HOLDINGS	COM	78467J100	117,382	1,937	SH	SOLE	1	1,937	0	0
SSR MINING INC	COM	784730103	26,063	1,838	SH	SOLE	1	1,838	0	0
ST JOE CO/THE	COM	790148100	892,840	18,470	SH	SOLE	1	18,470	0	0
STAAR SURGICAL CO	COM	852312305	5,040,149	95,875	SH	SOLE	1	95,875	0	0
STAG INDUSTRIAL INC	COM	85254J102	9,707,657	270,559	SH	SOLE	1	270,559	0	0
STAGWELL INC	CL A	85256A109	375,720	52,111	SH	SOLE	1	52,111	0	0
STANDARD MOTOR PRODS	COM	853666105	421,762	11,241	SH	SOLE	1	11,241	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	897,486	6,344	SH	SOLE	1	6,344	0	0
STANLEY BLACKDECKER INC	COM	854502101	3,886,060	41,469	SH	SOLE	1	41,469	0	0
STAR HLDGS	SHS BEN INT	85512G106	91,511	6,238	SH	SOLE	1	6,238	0	0
STARBUCKS CORP	COM	855244109	36,198,505	365,420	SH	SOLE	1	365,420	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	9,129,136	470,574	SH	SOLE	1	470,574	0	0
STATE STREET CORP	COM	857477103	6,999,594	95,649	SH	SOLE	1	95,649	0	0
STEEL DYNAMICS INC	COM	858119100	4,839,433	44,427	SH	SOLE	1	44,427	0	0
STEELCASE INC CL A	CL A	858155203	327,498	42,477	SH	SOLE	1	42,477	0	0
STELLAR BANCORP INC	COM	858927106	594,339	25,965	SH	SOLE	1	25,965	0	0
STEM INC	COM	85859N102	392,226	68,571	SH	SOLE	1	68,571	0	0
STEPAN CO	COM	858586100	1,093,302	11,441	SH	SOLE	1	11,441	0	0
STEPSTONE GROUP INC CLASS A	CL A	85914M107	644,589	25,981	SH	SOLE	1	25,981	0	0
STERICYCLE INC	COM	858912108	6,475,222	139,432	SH	SOLE	1	139,432	0	0
STERIS PLC	COM	G8473T100	6,048,362	26,884	SH	SOLE	1	26,884	0	0
STERLING BANCORP INC/MI	COM	85917W102	55,504	10,147	SH	SOLE	1	10,147	0	0
STERLING CHECK CORP	COM	85917T109	139,838	11,406	SH	SOLE	1	11,406	0	0
STERLING INFRASTRUCTURE INC	COM	859241101	804,803	14,423	SH	SOLE	1	14,423	0	0
STEVEN MADDEN LTD	COM	556269108	1,315,249	40,234	SH	SOLE	1	40,234	0	0
STEWART INFORMATION SERVICES	COM	860372101	592,704	14,407	SH	SOLE	1	14,407	0	0
STIFEL FINANCIAL CORP	COM	860630102	9,550,124	160,049	SH	SOLE	1	160,049	0	0
STITCH FIX INC CLASS A	COM	860897107	156,368	40,615	SH	SOLE	1	40,615	0	0
STOCK YARDS BANCORP INC	COM	861025104	593,077	13,072	SH	SOLE	1	13,072	0	0
STOKE THERAPEUTICS INC	COM	86150R107	141,135	13,277	SH	SOLE	1	13,277	0	0
STONECO LTD A	CL A	G85158106	1,786,059	140,193	SH	SOLE	1	140,193	0	0
STONERIDGE INC	COM	86183P102	240,168	12,741	SH	SOLE	1	12,741	0	0
STONEX GROUP INC	COM	861896108	796,322	9,585	SH	SOLE	1	9,585	0	0
STRATEGIC EDUCATION INC	COM	86272C103	823,849	12,144	SH	SOLE	1	12,144	0	0
STRATUS PROPERTIES INC	COM	863167201	71,216	2,713	SH	SOLE	1	2,713	0	0
STRIDE INC	COM	86333M108	845,195	22,702	SH	SOLE	1	22,702	0	0
STRYKER CORP	COM	863667101	31,359,896	102,789	SH	SOLE	1	102,789	0	0
STURM RUGERCO INC	COM	864159108	498,142	9,406	SH	SOLE	1	9,406	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	111,192	5,382	SH	SOLE	1	5,382	0	0

SUMMIT HOTEL PROPERTIES INC	COM	866082100	367,476	56,448	SH	SOLE	1	56,448	0	0
SUMMIT MATERIALS INCCL A	CL A	86614U100	2,177,965	57,542	SH	SOLE	1	57,542	0	0
SUMMIT THERAPEUTICS INC	COM	86627T108	139,995	55,775	SH	SOLE	1	55,775	0	0
SUN COMMUNITIES INC	COM	866674104	176,773	1,355	SH	SOLE	1	1,355	0	0
SUN COUNTRY AIRLINES HOLDING	COM	866683105	453,826	20,188	SH	SOLE	1	20,188	0	0
SUNCOKE ENERGY INC	COM	86722A103	353,387	44,903	SH	SOLE	1	44,903	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	890,360	48,627	SH	SOLE	1	48,627	0	0
SUNOPTA INC	COM	8676EP108	292,527	43,726	SH	SOLE	1	43,726	0	0
SUNPOWER CORP	COM	867652406	458,728	46,809	SH	SOLE	1	46,809	0	0
SUNRUN INC	COM	86771W105	5,807,536	325,170	SH	SOLE	1	325,170	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,132,064	111,864	SH	SOLE	1	111,864	0	0
SUPER GROUP SGHC LTD	LTD ORD SHS	G8588X103	190,487	65,685	SH	SOLE	1	65,685	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	22,634,642	90,811	SH	SOLE	1	90,811	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	802,211	26,687	SH	SOLE	1	26,687	0	0
SURGERY PARTNERS INC	COM	86881A100	1,462,490	32,507	SH	SOLE	1	32,507	0	0
SURMODICS INC	COM	868873100	207,554	6,629	SH	SOLE	1	6,629	0	0
SUTRO BIOPHARMA INC	COM	869367102	134,618	28,950	SH	SOLE	1	28,950	0	0
SWEETGREEN INC CLASS A	CL A	87043Q108	596,425	46,523	SH	SOLE	1	46,523	0	0
SWK HOLDINGS CORP	COM	78501P203	30,333	1,812	SH	SOLE	1	1,812	0	0
SYLVAMO CORP	COM	871332102	781,090	19,310	SH	SOLE	1	19,310	0	0
SYNAPTICS INC	COM	87157D109	6,682,949	78,273	SH	SOLE	1	78,273	0	0
SYNCHRONY FINANCIAL	COM	87165B103	3,935,873	116,034	SH	SOLE	1	116,034	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	663,732	31,712	SH	SOLE	1	31,712	0	0
SYNEOS HEALTH INC	COM	87166B102	6,588,378	156,345	SH	SOLE	1	156,345	0	0
SYNOPSYS INC	COM	871607107	24,932,012	57,261	SH	SOLE	1	57,261	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	6,666,374	220,376	SH	SOLE	1	220,376	0	0
SYSCO CORP	COM	871829107	9,845,375	132,687	SH	SOLE	1	132,687	0	0
SYSTEM1 INC	CL A	87200P109	53,658	11,924	SH	SOLE	1	11,924	0	0
T MOBILE US INC	COM	872590104	30,250,337	217,785	SH	SOLE	1	217,785	0	0
T ROWE PRICE GROUP INC	COM	74144T108	8,287,352	73,981	SH	SOLE	1	73,981	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	279,216	11,200	SH	SOLE	1	11,200	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	7,094,731	48,211	SH	SOLE	1	48,211	0	0
TAL EDUCATION GROUPADR	ADR	874080104	31,701	5,319	SH	SOLE	1	5,319	0	0
TALOS ENERGY INC	COM	87484T108	830,203	59,856	SH	SOLE	1	59,856	0	0
TANDEM DIABETES CARE INC	COM	875372203	104,320	4,251	SH	SOLE	1	4,251	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	1,215,351	55,068	SH	SOLE	1	55,068	0	0

TANGO THERAPEUTICS INC	COM	87583X109	71,337	21,487	SH	SOLE	1	21,487	0	0
TAPESTRY INC	COM	876030107	2,694,303	62,951	SH	SOLE	1	62,951	0	0
TARGA RESOURCES CORP	COM	87612G101	4,921,615	64,673	SH	SOLE	1	64,673	0	0
TARGET CORP	COM	87612E106	20,187,691	153,053	SH	SOLE	1	153,053	0	0
TARGET HOSPITALITY CORP	COM	87615L107	201,984	15,051	SH	SOLE	1	15,051	0	0
TARO PHARMACEUTICAL INDUS	LTD SHS	M8737E108	149,292	3,936	SH	SOLE	1	3,936	0	0
TARSUS PHARMACEUTICALS INC	COM	87650L103	205,076	11,349	SH	SOLE	1	11,349	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	10,450,631	214,284	SH	SOLE	1	214,284	0	0
TD SYNnex CORP	COM	87162W100	5,886,374	62,621	SH	SOLE	1	62,621	0	0
TE CONNECTIVITY LTD	COM	H84989104	13,582,345	96,906	SH	SOLE	1	96,906	0	0
TECHNIPFMC PLC	COM	G87110105	65,001	3,911	SH	SOLE	1	3,911	0	0
TECHTARGET	COM	87874R100	435,633	13,994	SH	SOLE	1	13,994	0	0
TEEKAY CORP	COM	Y8564W103	193,896	32,102	SH	SOLE	1	32,102	0	0
TEEKAY TANKERS LTD CLASS A	CL A	Y8565N300	440,257	11,516	SH	SOLE	1	11,516	0	0
TEGNA INC	COM	87901J105	7,232,679	445,362	SH	SOLE	1	445,362	0	0
TEJON RANCH CO	COM	879080109	173,563	10,085	SH	SOLE	1	10,085	0	0
TELA BIO INC	COM	872381108	77,373	7,638	SH	SOLE	1	7,638	0	0
TELADOC HEALTH INC	COM	87918A105	36,765	1,452	SH	SOLE	1	1,452	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	5,235,897	12,736	SH	SOLE	1	12,736	0	0
TELEFLEX INC	COM	879369106	3,078,622	12,720	SH	SOLE	1	12,720	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	437,425	53,150	SH	SOLE	1	53,150	0	0
TELLURIAN INC	COM	87968A104	361,961	256,710	SH	SOLE	1	256,710	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	10,410,907	259,818	SH	SOLE	1	259,818	0	0
TENABLE HOLDINGS INC	COM	88025T102	2,395,032	54,995	SH	SOLE	1	54,995	0	0
TENAYA THERAPEUTICS INC	COM	87990A106	129,322	22,031	SH	SOLE	1	22,031	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	65,689	8,901	SH	SOLE	1	8,901	0	0
TENET HEALTHCARE CORP	COM	88033G407	12,511,443	153,741	SH	SOLE	1	153,741	0	0
TENNANT CO	COM	880345103	806,801	9,947	SH	SOLE	1	9,947	0	0
TERADATA CORP	COM	88076W103	8,197,367	153,480	SH	SOLE	1	153,480	0	0
TERADYNE INC	COM	880770102	4,864,342	43,693	SH	SOLE	1	43,693	0	0
TERAWULF INC	COM	88080T104	42,427	24,244	SH	SOLE	1	24,244	0	0
TEREX CORP	COM	880779103	8,018,835	134,027	SH	SOLE	1	134,027	0	0
TERNS PHARMACEUTICALS INC	COM	880881107	180,486	20,627	SH	SOLE	1	20,627	0	0
TERRAN ORBITAL CORP	COM	88105P103	61,527	41,018	SH	SOLE	1	41,018	0	0
TERRENO REALTY CORP	COM	88146M101	2,367,219	39,388	SH	SOLE	1	39,388	0	0
TESLA INC	COM	88160R101	223,284,051	852,978	SH	SOLE	1	852,978	0	0
TETRA TECH INC	COM	88162G103	13,160,930	80,377	SH	SOLE	1	80,377	0	0

TETRA TECHNOLOGIES INC	COM	88162F105	203,936	60,336	SH	SOLE	1	60,336	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,447,447	192,224	SH	SOLE	1	192,224	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	4,884,569	94,846	SH	SOLE	1	94,846	0	0
TEXAS INSTRUMENTS INC	COM	882508104	60,276,277	334,831	SH	SOLE	1	334,831	0	0
TEXAS PACIFIC LAND CORP	COM	88262P102	140,866	107	SH	SOLE	1	107	0	0
TEXAS ROADHOUSE INC	COM	882681109	11,419,213	101,703	SH	SOLE	1	101,703	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	818,828	20,793	SH	SOLE	1	20,793	0	0
TEXTRON INC	COM	883203101	3,693,274	54,610	SH	SOLE	1	54,610	0	0
TFS FINANCIAL CORP	COM	87240R107	5,606	446	SH	SOLE	1	446	0	0
TG THERAPEUTICS INC	COM	88322Q108	1,640,607	66,047	SH	SOLE	1	66,047	0	0
THE CIGNA GROUP	COM	125523100	21,980,240	78,333	SH	SOLE	1	78,333	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	307,271	29,688	SH	SOLE	1	29,688	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	61,765,287	118,381	SH	SOLE	1	118,381	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	428,260	16,100	SH	SOLE	1	16,100	0	0
THESEUS PHARMACEUTICALS INC	COM	88369M101	90,884	9,741	SH	SOLE	1	9,741	0	0
THIRD COAST BANCSHARES INC	COM	88422P109	98,410	6,201	SH	SOLE	1	6,201	0	0
THIRD HARMONIC BIO INC	COM	88427A107	45,099	9,376	SH	SOLE	1	9,376	0	0
THOR INDUSTRIES INC	COM	885160101	8,352,761	80,703	SH	SOLE	1	80,703	0	0
THORNE HEALTHTECH INC	COM	885260109	31,767	6,759	SH	SOLE	1	6,759	0	0
THOUGHTWORKS HOLDING INC	COM	88546E105	336,481	44,567	SH	SOLE	1	44,567	0	0
THREDUP INC CLASS A	CL A	88556E102	84,334	34,563	SH	SOLE	1	34,563	0	0
THRYV HOLDINGS INC	COM	886029206	409,516	16,647	SH	SOLE	1	16,647	0	0
TIDEWATER INC	COM	88642R109	1,268,689	22,884	SH	SOLE	1	22,884	0	0
TILE SHOP HLDGS INC	COM	88677Q109	76,840	13,870	SH	SOLE	1	13,870	0	0
TILLY S INC CLASS A SHRS	COM	886885102	75,568	10,780	SH	SOLE	1	10,780	0	0
TIMBERLAND BANCORP INC	COM	887098101	92,958	3,634	SH	SOLE	1	3,634	0	0
TIMKEN CO	COM	887389104	9,092,316	99,337	SH	SOLE	1	99,337	0	0
TIMKENSTEEL CORP	COM	887399103	498,483	23,110	SH	SOLE	1	23,110	0	0
TINGO GROUP INC	COM	55328R109	71,125	58,781	SH	SOLE	1	58,781	0	0
TIPTREE INC	COM	88822Q103	173,426	11,554	SH	SOLE	1	11,554	0	0
TITAN INTERNATIONAL INC	COM	88830M102	322,439	28,087	SH	SOLE	1	28,087	0	0
TITAN MACHINERY INC	COM	88830R101	292,404	9,912	SH	SOLE	1	9,912	0	0
TJX COMPANIES INC	COM	872540109	29,582,468	348,891	SH	SOLE	1	348,891	0	0
TOAST INC CLASS A	CL A	888787108	148,646	6,586	SH	SOLE	1	6,586	0	0
TOLL BROTHERS INC	COM	889478103	12,287,083	155,395	SH	SOLE	1	155,395	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	410,955	7,378	SH	SOLE	1	7,378	0	0
TOOTSIE ROLL INDS	COM	890516107	35,410	1,000	SH	SOLE	1	1,000	0	0

TOPBUILD CORP	COM	89055F103	12,743,954	47,906	SH	SOLE	1	47,906	0	0
TOPGOLF CALLAWAY BRANDS CORP	COM	131193104	5,519,015	278,036	SH	SOLE	1	278,036	0	0
TORO CO	COM	891092108	16,091,195	158,300	SH	SOLE	1	158,300	0	0
TORRID HOLDINGS INC	COM	89142B107	16,337	5,814	SH	SOLE	1	5,814	0	0
TOWNE BANK	COM	89214P109	785,582	33,803	SH	SOLE	1	33,803	0	0
TOWNSQUARE MEDIA INC CL A	CL A	892231101	66,970	5,623	SH	SOLE	1	5,623	0	0
TPG INC	CL A	872657101	22,004	752	SH	SOLE	1	752	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	246,494	33,265	SH	SOLE	1	33,265	0	0
TPI COMPOSITES INC	COM	87266J104	209,142	20,168	SH	SOLE	1	20,168	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	7,243,457	32,761	SH	SOLE	1	32,761	0	0
TRADE DESK INC/THECLASS A	COM	88339J105	632,895	8,196	SH	SOLE	1	8,196	0	0
TRADEWEB MARKETS INC CLASS A	CL A	892672106	96,420	1,408	SH	SOLE	1	1,408	0	0
TRAEGER INC	COM	89269P103	71,889	16,915	SH	SOLE	1	16,915	0	0
TRANE TECHNOLOGIES PLC	PLC SHS	G8994E103	11,934,815	62,401	SH	SOLE	1	62,401	0	0
TRANSCAT INC	COM	893529107	303,277	3,555	SH	SOLE	1	3,555	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	33,297	909	SH	SOLE	1	909	0	0
TRANSDIGM GROUP INC	COM	893641100	12,840,281	14,360	SH	SOLE	1	14,360	0	0
TRANSMEDICS GROUP INC	COM	89377M109	1,282,459	15,271	SH	SOLE	1	15,271	0	0
TRANSPHORM INC	COM	89386L100	44,241	13,012	SH	SOLE	1	13,012	0	0
TRANSUNION	COM	89400J107	134,806	1,721	SH	SOLE	1	1,721	0	0
TRAVEL LEISURE CO	COM	894164102	4,655,075	115,396	SH	SOLE	1	115,396	0	0
TRAVELERS COS INC/THE	COM	89417E109	13,129,564	75,605	SH	SOLE	1	75,605	0	0
TRAVERE THERAPEUTICS INC	COM	89422G107	538,568	35,063	SH	SOLE	1	35,063	0	0
TREACE MEDICAL CONCEPTS INC	COM	89455T109	556,749	21,765	SH	SOLE	1	21,765	0	0
TREDEGAR CORP	COM	894650100	84,736	12,704	SH	SOLE	1	12,704	0	0
TREEHOUSE FOODS INC	COM	89469A104	1,391,798	27,626	SH	SOLE	1	27,626	0	0
TREVI THERAPEUTICS INC	COM	89532M101	47,888	20,037	SH	SOLE	1	20,037	0	0
TREX COMPANY INC	COM	89531P105	10,827,890	165,160	SH	SOLE	1	165,160	0	0
TRI POINTE HOMES INC	COM	87265H109	1,752,884	53,344	SH	SOLE	1	53,344	0	0
TRICO BANCSHARES	COM	896095106	496,738	14,962	SH	SOLE	1	14,962	0	0
TRIMAS CORP	COM	896215209	549,333	19,983	SH	SOLE	1	19,983	0	0
TRIMBLE INC	COM	896239100	3,550,951	67,075	SH	SOLE	1	67,075	0	0
TRINET GROUP INC	COM	896288107	1,722,851	18,141	SH	SOLE	1	18,141	0	0
TRINITY INDUSTRIES INC	COM	896522109	1,121,496	43,621	SH	SOLE	1	43,621	0	0
TRINSEO PLC	COM	G9059U107	238,247	18,804	SH	SOLE	1	18,804	0	0
TRIP.COM GROUP LTD ADR	ADS	89677Q107	270,515	7,729	SH	SOLE	1	7,729	0	0
TRIPADVISOR INC	COM	896945201	2,638,021	159,977	SH	SOLE	1	159,977	0	0
TRITON INTERNATIONAL LTD	COM	G9078F107	2,189,238	26,294	SH	SOLE	1	26,294	0	0
TRIUMPH FINANCIAL	COM	89679E300	724,086	11,925	SH	SOLE	1	11,925	0	0

INC										
TRIUMPH GROUP INC	COM	896818101	428,522	34,642	SH	SOLE	1	34,642	0	0
TRONOX HOLDINGS PLC	COM	G9087Q102	716,704	56,389	SH	SOLE	1	56,389	0	0
TRUEBLUE INC	COM	89785X101	289,824	16,365	SH	SOLE	1	16,365	0	0
TRUECAR INC	COM	89785L107	95,942	42,452	SH	SOLE	1	42,452	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	12,421,769	409,284	SH	SOLE	1	409,284	0	0
TRUPANION INC	COM	898202106	413,851	21,029	SH	SOLE	1	21,029	0	0
TRUSTCO BANK CORP NY	COM	898349204	286,586	10,017	SH	SOLE	1	10,017	0	0
TRUSTMARK CORP	COM	898402102	690,730	32,705	SH	SOLE	1	32,705	0	0
TTEC HOLDINGS INC	COM	89854H102	352,410	10,414	SH	SOLE	1	10,414	0	0
TTM TECHNOLOGIES	COM	87305R109	764,083	54,970	SH	SOLE	1	54,970	0	0
TUCOWS INC CLASS A	COM	898697206	132,597	4,780	SH	SOLE	1	4,780	0	0
TURNING POINT BRANDS INC	COM	90041L105	198,010	8,247	SH	SOLE	1	8,247	0	0
TURTLE BEACH CORP	COM	900450206	87,736	7,531	SH	SOLE	1	7,531	0	0
TUSIMPLE HOLDINGS INC A	CL A	90089L108	131,982	79,507	SH	SOLE	1	79,507	0	0
TUTOR PERINI CORP	COM	901109108	146,139	20,439	SH	SOLE	1	20,439	0	0
TWILIO INC A	CL A	90138F102	113,180	1,779	SH	SOLE	1	1,779	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	560,543	27,397	SH	SOLE	1	27,397	0	0
TWO HARBORS INVESTMENT CORP	coM	90187B804	724,716	52,213	SH	SOLE	1	52,213	0	0
TYLER TECHNOLOGIES INC	COM	902252105	5,347,058	12,839	SH	SOLE	1	12,839	0	0
TYRA BIOSCIENCES INC	COM	90240B106	114,629	6,731	SH	SOLE	1	6,731	0	0
TYSON FOODS INC CL A	CL A	902494103	3,943,759	77,268	SH	SOLE	1	77,268	0	0
U HAUL HOLDING CO	COM	023586100	6,251	113	SH	SOLE	1	113	0	0
U HAUL HOLDING CO NON VOTING	COM	023586506	51,633	1,019	SH	SOLE	1	1,019	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	857,620	7,065	SH	SOLE	1	7,065	0	0
UBIQUITI INC	COM	90353W103	12,478	71	SH	SOLE	1	71	0	0
UDEMY INC	COM	902685106	443,213	41,306	SH	SOLE	1	41,306	0	0
UDR INC	COM	902653104	3,614,268	84,131	SH	SOLE	1	84,131	0	0
UFP INDUSTRIES INC	COM	90278Q108	11,843,885	122,039	SH	SOLE	1	122,039	0	0
UFP TECHNOLOGIES INC	COM	902673102	736,242	3,798	SH	SOLE	1	3,798	0	0
UGI CORP	COM	902681105	8,515,211	315,729	SH	SOLE	1	315,729	0	0
UIPATH INC CLASS A	CL A	90364P105	101,674	6,136	SH	SOLE	1	6,136	0	0
ULTA BEAUTY INC	COM	90384S303	7,271,634	15,452	SH	SOLE	1	15,452	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	919,463	23,907	SH	SOLE	1	23,907	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	57,985	1,257	SH	SOLE	1	1,257	0	0
UMB FINANCIAL CORP	COM	902788108	5,285,694	86,793	SH	SOLE	1	86,793	0	0
UMH PROPERTIES INC	COM	903002103	423,438	26,498	SH	SOLE	1	26,498	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	2,054,971	284,622	SH	SOLE	1	284,622	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	1,918,376	285,898	SH	SOLE	1	285,898	0	0
UNIFIRST CORP/MA	COM	904708104	1,250,621	8,068	SH	SOLE	1	8,068	0	0
UNION PACIFIC CORP	COM	907818108	33,036,513	161,453	SH	SOLE	1	161,453	0	0

UNIQUE NV	COM	N90064101	26,679	2,328	SH	SOLE	1	2,328	0	0
UNISYS CORP	COM	909214306	127,372	32,003	SH	SOLE	1	32,003	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	4,872,401	88,799	SH	SOLE	1	88,799	0	0
UNITED BANKSHARES INC	COM	909907107	7,857,743	264,838	SH	SOLE	1	264,838	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,551,529	62,086	SH	SOLE	1	62,086	0	0
UNITED FIRE GROUP INC	COM	910340108	256,783	11,332	SH	SOLE	1	11,332	0	0
UNITED HOMES GROUP INC	CL A	91060H108	33,056	2,962	SH	SOLE	1	2,962	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	42,107	9,441	SH	SOLE	1	9,441	0	0
UNITED NATURAL FOODS INC	COM	911163103	622,394	31,836	SH	SOLE	1	31,836	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	34,022,009	189,802	SH	SOLE	1	189,802	0	0
UNITED RENTALS INC	COM	911363109	8,349,351	18,747	SH	SOLE	1	18,747	0	0
UNITED STATES LIMEMINERAL	COM	911922102	206,801	990	SH	SOLE	1	990	0	0
UNITED STATES STEEL CORP	COM	912909108	8,542,191	341,551	SH	SOLE	1	341,551	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	15,594,663	70,644	SH	SOLE	1	70,644	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	119,812,978	249,278	SH	SOLE	1	249,278	0	0
UNITI GROUP INC	COM	91325V108	591,369	128,002	SH	SOLE	1	128,002	0	0
UNITIL CORP	COM	913259107	434,889	8,576	SH	SOLE	1	8,576	0	0
UNITY BANCORP INC	COM	913290102	83,178	3,526	SH	SOLE	1	3,526	0	0
UNITY SOFTWARE INC	COM	91332U101	158,787	3,657	SH	SOLE	1	3,657	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	8,526,551	237,906	SH	SOLE	1	237,906	0	0
UNIVERSAL CORP/VA	COM	913456109	648,071	12,977	SH	SOLE	1	12,977	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	9,500,329	65,915	SH	SOLE	1	65,915	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	328,397	6,902	SH	SOLE	1	6,902	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	2,685,088	17,019	SH	SOLE	1	17,019	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	211,653	13,717	SH	SOLE	1	13,717	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	94,065	3,265	SH	SOLE	1	3,265	0	0
UNIVERSAL TECHNICAL INSTITUT	COM	913915104	109,067	15,784	SH	SOLE	1	15,784	0	0
UNIVEST FINANCIAL CORP	COM	915271100	252,541	13,968	SH	SOLE	1	13,968	0	0
UNUM GROUP	COM	91529Y106	13,332,532	279,508	SH	SOLE	1	279,508	0	0
UPBOUND GROUP INC	COM	76009N100	913,385	29,341	SH	SOLE	1	29,341	0	0
UPSTART HOLDINGS INC	COM	91680M107	1,242,893	34,708	SH	SOLE	1	34,708	0	0
UPWORK INC	COM	91688F104	556,589	59,592	SH	SOLE	1	59,592	0	0
URANIUM ENERGY CORP	COM	916896103	602,368	177,167	SH	SOLE	1	177,167	0	0
URBAN EDGE PROPERTIES	COM	91704F104	954,793	61,879	SH	SOLE	1	61,879	0	0
URBAN ONE INC	CL A	91705J105	23,942	3,997	SH	SOLE	1	3,997	0	0
URBAN ONE INC	CL D NON VTG	91705J204	36,210	6,035	SH	SOLE	1	6,035	0	0

URBAN OUTFITTERS INC	COM	917047102	1,129,170	34,083	SH	SOLE	1	34,083	0	0
UROGEN PHARMA LTD	COM	M96088105	97,466	9,417	SH	SOLE	1	9,417	0	0
URSTADT BIDDLE CLASS A	COM	917286205	326,532	15,359	SH	SOLE	1	15,359	0	0
US BANCORP	COM	902973304	14,423,315	436,541	SH	SOLE	1	436,541	0	0
US FOODS HOLDING CORP	COM	912008109	15,040,432	341,828	SH	SOLE	1	341,828	0	0
US SILICA HOLDINGS INC	COM	90346E103	492,284	40,584	SH	SOLE	1	40,584	0	0
US XPRESS ENTERPRISES INCA	CL A	90338N202	91,394	14,885	SH	SOLE	1	14,885	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	384,229	6,095	SH	SOLE	1	6,095	0	0
USCB FINANCIAL HOLDINGS INC	CL A	90355N101	51,673	5,066	SH	SOLE	1	5,066	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	153,873	1,651	SH	SOLE	1	1,651	0	0
UTZ BRANDS INC	CL A	918090101	567,332	34,678	SH	SOLE	1	34,678	0	0
UWM HOLDINGS CORP	CL A	91823B109	6,434	1,149	SH	SOLE	1	1,149	0	0
V2X INC	COM	92242T101	275,157	5,552	SH	SOLE	1	5,552	0	0
VAALCO ENERGY INC	COM	91851C201	195,088	51,885	SH	SOLE	1	51,885	0	0
VAIL RESORTS INC	COM	91879Q109	99,445	395	SH	SOLE	1	395	0	0
VALARIS LTD	CL A	G9460G101	7,535,868	119,750	SH	SOLE	1	119,750	0	0
VALERO ENERGY CORP	COM	91913Y100	12,712,739	108,378	SH	SOLE	1	108,378	0	0
VALHI INC	COM	918905209	14,945	1,163	SH	SOLE	1	1,163	0	0
VALLEY NATIONAL BANCORP	COM	919794107	6,510,101	840,013	SH	SOLE	1	840,013	0	0
VALMONT INDUSTRIES	COM	920253101	9,246,367	31,769	SH	SOLE	1	31,769	0	0
VALUE LINE INC	COM	920437100	18,590	405	SH	SOLE	1	405	0	0
VALVOLINE INC	COM	92047W101	7,883,177	210,162	SH	SOLE	1	210,162	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	200,224	30,383	SH	SOLE	1	30,383	0	0
VAREX IMAGING CORP	COM	92214X106	493,179	20,924	SH	SOLE	1	20,924	0	0
VARONIS SYSTEMS INC	COM	922280102	1,395,341	52,358	SH	SOLE	1	52,358	0	0
VAXCYTE INC	COM	92243G108	2,209,945	44,252	SH	SOLE	1	44,252	0	0
VAXXINITY INC A	CL A	92244V104	51,695	20,514	SH	SOLE	1	20,514	0	0
VECTOR GROUP LTD	COM	92240M108	991,276	77,383	SH	SOLE	1	77,383	0	0
VEECO INSTRUMENTS INC	COM	922417100	702,682	27,363	SH	SOLE	1	27,363	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	532,487	2,693	SH	SOLE	1	2,693	0	0
VELO3D INC	COM	92259N104	92,541	42,843	SH	SOLE	1	42,843	0	0
VELOCITY FINANCIAL INC	COM	92262D101	48,599	4,215	SH	SOLE	1	4,215	0	0
VENTAS INC	COM	92276F100	5,120,475	108,324	SH	SOLE	1	108,324	0	0
VENTYX BIOSCIENCES INC	COM	92332V107	738,853	22,526	SH	SOLE	1	22,526	0	0
VERA BRADLEY INC	COM	92335C106	80,687	12,627	SH	SOLE	1	12,627	0	0
VERA THERAPEUTICS INC	CL A	92337R101	261,214	16,275	SH	SOLE	1	16,275	0	0
VERACYTE INC	COM	92337F107	892,469	35,040	SH	SOLE	1	35,040	0	0
VERADIGM INC	COM	01988P108	731,115	58,025	SH	SOLE	1	58,025	0	0
VERDE CLEAN FUELS INC	CL A	923372106	13,456	2,067	SH	SOLE	1	2,067	0	0

VERICEL CORP	COM	92346J108	960,590	25,568	SH	SOLE	1	25,568	0	0
VERINT SYSTEMS INC	COM	92343X100	1,068,033	30,463	SH	SOLE	1	30,463	0	0
VERIS RESIDENTIAL INC	COM	554489104	682,767	42,540	SH	SOLE	1	42,540	0	0
VERISIGN INC	COM	92343E102	5,837,935	25,835	SH	SOLE	1	25,835	0	0
VERISK ANALYTICS INC	COM	92345Y106	13,473,422	59,609	SH	SOLE	1	59,609	0	0
VERITEX HOLDINGS INC	COM	923451108	507,168	28,286	SH	SOLE	1	28,286	0	0
VERITIV CORP	COM	923454102	887,309	7,064	SH	SOLE	1	7,064	0	0
VERITONE INC	COM	92347M100	49,431	12,610	SH	SOLE	1	12,610	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	47,092,209	1,266,260	SH	SOLE	1	1,266,260	0	0
VERRA MOBILITY CORP	COM	92511U102	1,479,237	75,012	SH	SOLE	1	75,012	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	57,977	10,048	SH	SOLE	1	10,048	0	0
VERTEX ENERGY INC	COM	92534K107	203,156	32,505	SH	SOLE	1	32,505	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	33,437,784	95,018	SH	SOLE	1	95,018	0	0
VERTIV HOLDINGS CO	CL A	92537N108	77,010	3,109	SH	SOLE	1	3,109	0	0
VERVE THERAPEUTICS INC	COM	92539P101	457,838	24,418	SH	SOLE	1	24,418	0	0
VF CORP	COM	918204108	2,133,308	111,750	SH	SOLE	1	111,750	0	0
VIAD CORP	COM	92552R406	294,605	10,960	SH	SOLE	1	10,960	0	0
VIAANT TECHNOLOGY INC A	CL A	92557A101	31,961	6,933	SH	SOLE	1	6,933	0	0
VIASAT INC	COM	92552V100	201,638	4,887	SH	SOLE	1	4,887	0	0
VIATRIS INC	COM	92556V106	3,240,077	324,657	SH	SOLE	1	324,657	0	0
VIAVI SOLUTIONS INC	COM	925550105	1,360,053	120,040	SH	SOLE	1	120,040	0	0
VICARIOUS SURGICAL INC	CL A	92561V109	61,720	33,727	SH	SOLE	1	33,727	0	0
VICI PROPERTIES INC	COM	925652109	8,652,459	275,293	SH	SOLE	1	275,293	0	0
VICOR CORP	COM	925815102	2,390,796	44,274	SH	SOLE	1	44,274	0	0
VICTORIA S SECRETCO	COM	926400102	93,913	5,388	SH	SOLE	1	5,388	0	0
VICTORY CAPITAL HOLDING A	CL A	92645B103	420,870	13,344	SH	SOLE	1	13,344	0	0
VIEMED HEALTHCARE INC	COM	92663R105	160,705	16,432	SH	SOLE	1	16,432	0	0
VIEWRAY INC	COM	92672L107	25,361	72,008	SH	SOLE	1	72,008	0	0
VIGIL NEUROSCIENCE INC	COM	92673K108	72,700	7,734	SH	SOLE	1	7,734	0	0
VIKING THERAPEUTICS INC	COM	92686J106	750,199	46,280	SH	SOLE	1	46,280	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	93,699	4,106	SH	SOLE	1	4,106	0	0
VIMEO INC	COM	92719V100	301,988	73,298	SH	SOLE	1	73,298	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	100,865	6,113	SH	SOLE	1	6,113	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	1,092,934	44,555	SH	SOLE	1	44,555	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	471,847	121,610	SH	SOLE	1	121,610	0	0
VIRGINIA NATIONAL BANKSHARES	COM	928031103	73,109	2,274	SH	SOLE	1	2,274	0	0
VIRIDIAN THERAPEUTICS INC	COM	92790C104	483,222	20,312	SH	SOLE	1	20,312	0	0

VIRTU FINANCIAL INC CLASS A	COM	928254101	13,604	796	SH	SOLE	1	796	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	734,588	3,720	SH	SOLE	1	3,720	0	0
VISA INC CLASS A SHARES	COM	92826C839	115,671,521	487,079	SH	SOLE	1	487,079	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	7,450,695	253,425	SH	SOLE	1	253,425	0	0
VISHAY PRECISION GROUP	COM	92835K103	221,600	5,965	SH	SOLE	1	5,965	0	0
VISTA OUTDOOR INC	COM	928377100	839,010	30,322	SH	SOLE	1	30,322	0	0
VISTEON CORP	COM	92839U206	8,049,771	56,053	SH	SOLE	1	56,053	0	0
VISTRA CORP	COM	92840M102	115,579	4,403	SH	SOLE	1	4,403	0	0
VITA COCO CO INC/THE	COM	92846Q107	369,839	13,764	SH	SOLE	1	13,764	0	0
VITAL ENERGY INC	COM	516806205	414,116	9,172	SH	SOLE	1	9,172	0	0
VITAL FARMS INC	COM	92847W103	176,265	14,701	SH	SOLE	1	14,701	0	0
VITESSE ENERGY INC	COM	92852X103	270,390	12,071	SH	SOLE	1	12,071	0	0
VIVID SEATS INC CLASS A	CL A	92854T100	97,178	12,270	SH	SOLE	1	12,270	0	0
VIZIO HOLDINGCORP A	CL A	92858V101	246,463	36,513	SH	SOLE	1	36,513	0	0
VONTIER CORP	COM	928881101	7,576,823	235,232	SH	SOLE	1	235,232	0	0
VOR BIOPHARMA INC	COM	929033108	56,034	18,134	SH	SOLE	1	18,134	0	0
VORNADO REALTY TRUST	COM	929042109	4,412,537	243,249	SH	SOLE	1	243,249	0	0
VOXX INTERNATIONAL CORP	CL A	91829F104	83,491	6,690	SH	SOLE	1	6,690	0	0
VOYA FINANCIAL INC	COM	929089100	10,628,784	148,219	SH	SOLE	1	148,219	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	175,036	15,287	SH	SOLE	1	15,287	0	0
VSE CORP	COM	918284100	281,271	5,143	SH	SOLE	1	5,143	0	0
VULCAN MATERIALS CO	COM	929160109	8,288,752	36,767	SH	SOLE	1	36,767	0	0
VUZIX CORP	COM	92921W300	144,906	28,413	SH	SOLE	1	28,413	0	0
WT OFFSHORE INC	COM	92922P106	183,179	47,333	SH	SOLE	1	47,333	0	0
WABASH NATIONAL CORP	COM	929566107	653,564	25,490	SH	SOLE	1	25,490	0	0
WABTEC CORP	COM	929740108	5,340,161	48,693	SH	SOLE	1	48,693	0	0
WALDENCAST ACQUISITION COR A	CL A ORD SHS	G9503X103	74,564	9,646	SH	SOLE	1	9,646	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	8,903,267	312,505	SH	SOLE	1	312,505	0	0
WALKERDUNLOP INC	COM	93148P102	1,348,247	17,047	SH	SOLE	1	17,047	0	0
WALMART INC	COM	931142103	57,733,629	367,309	SH	SOLE	1	367,309	0	0
WALT DISNEY CO/THE	COM	254687106	49,479,244	554,203	SH	SOLE	1	554,203	0	0
WARBY PARKER INC CLASS A	CL A	93403J106	477,104	40,813	SH	SOLE	1	40,813	0	0
WARNER BROS DISCOVERY INC	COM	934423104	10,011,121	798,335	SH	SOLE	1	798,335	0	0
WARRIOR MET COAL INC	COM	93627C101	1,083,161	27,809	SH	SOLE	1	27,809	0	0
WASHINGTON FEDERAL INC	COM	938824109	933,875	35,214	SH	SOLE	1	35,214	0	0
WASHINGTON TRUST BANCORP	COM	940610108	218,394	8,146	SH	SOLE	1	8,146	0	0
WASTE MANAGEMENT INC	COM	94106L109	20,443,443	117,884	SH	SOLE	1	117,884	0	0
WATERS CORP	COM	941848103	4,503,193	16,895	SH	SOLE	1	16,895	0	0

WATERSTONE FINANCIAL INC	COM	94188P101	128,657	8,879	SH	SOLE	1	8,879	0	0
WATSCO INC	COM	942622200	19,260,039	50,489	SH	SOLE	1	50,489	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	9,971,211	54,271	SH	SOLE	1	54,271	0	0
WAVE LIFE SCIENCES LTD	LTD SHS	Y95308105	103,591	28,459	SH	SOLE	1	28,459	0	0
WAYFAIR INCCLASS A	COM	94419L101	65,725	1,011	SH	SOLE	1	1,011	0	0
WD 40 CO	COM	929236107	1,376,202	7,295	SH	SOLE	1	7,295	0	0
WEATHERFORD INTERNATIONAL PL	ORD SHS	G48833118	2,278,007	34,297	SH	SOLE	1	34,297	0	0
WEAVE COMMUNICATIONS INC	COM	94724R108	175,538	15,800	SH	SOLE	1	15,800	0	0
WEBSTER FINANCIAL CORP	COM	947890109	9,949,390	263,560	SH	SOLE	1	263,560	0	0
WEC ENERGY GROUP INC	COM	92939U106	11,001,851	124,681	SH	SOLE	1	124,681	0	0
WEIBO CORP SPON ADR	ADR	948596101	9,020	688	SH	SOLE	1	688	0	0
WEIS MARKETS INC	COM	948849104	509,571	7,936	SH	SOLE	1	7,936	0	0
WELLS FARGOCO	COM	949746101	41,937,795	982,610	SH	SOLE	1	982,610	0	0
WELLTOWER INC	COM	95040Q104	10,886,985	134,590	SH	SOLE	1	134,590	0	0
WENDY S CO/THE	COM	95058W100	5,567,978	255,999	SH	SOLE	1	255,999	0	0
WERNER ENTERPRISES INC	COM	950755108	5,251,898	118,875	SH	SOLE	1	118,875	0	0
WESBANCO INC	COM	950810101	711,728	27,791	SH	SOLE	1	27,791	0	0
WESCO INTERNATIONAL INC	COM	95082P105	12,184,317	68,046	SH	SOLE	1	68,046	0	0
WEST BANCORPORATION	COM	95123P106	143,690	7,805	SH	SOLE	1	7,805	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	7,962,643	20,819	SH	SOLE	1	20,819	0	0
WESTAMERICA BANCORPORATION	COM	957090103	539,187	14,078	SH	SOLE	1	14,078	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	35,121	963	SH	SOLE	1	963	0	0
WESTERN DIGITAL CORP	COM	958102105	5,972,989	157,474	SH	SOLE	1	157,474	0	0
WESTERN UNION CO	COM	959802109	6,631,497	565,345	SH	SOLE	1	565,345	0	0
WESTLAKE CORP	COM	960413102	6,207,900	51,962	SH	SOLE	1	51,962	0	0
WESTROCK CO	COM	96145D105	2,327,402	80,062	SH	SOLE	1	80,062	0	0
WESTROCK COFFEE CO	COM	96145W103	148,626	13,673	SH	SOLE	1	13,673	0	0
WEX INC	COM	96208T104	11,799,228	64,806	SH	SOLE	1	64,806	0	0
WEYCO GROUP INC	COM	962149100	76,253	2,857	SH	SOLE	1	2,857	0	0
WEYERHAEUSER CO	COM	962166104	6,727,133	200,750	SH	SOLE	1	200,750	0	0
WHIRLPOOL CORP	COM	963320106	2,204,621	14,817	SH	SOLE	1	14,817	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	30,556	22	SH	SOLE	1	22	0	0
WHITESTONE REIT	COM	966084204	252,278	26,008	SH	SOLE	1	26,008	0	0
WIDEOPENWEST INC	COM	96758W101	208,898	24,751	SH	SOLE	1	24,751	0	0
WILEY (JOHN)SONS CLASS A	COM	968223206	780,342	22,931	SH	SOLE	1	22,931	0	0
WILLDAN GROUP INC	COM	96924N100	112,412	5,867	SH	SOLE	1	5,867	0	0
WILLIAMS COS INC	COM	969457100	11,596,865	355,405	SH	SOLE	1	355,405	0	0
WILLIAMS SONOMA INC	COM	969904101	12,403,627	99,118	SH	SOLE	1	99,118	0	0

WILLIS LEASE FINANCE CORP	COM	970646105	53,373	1,364	SH	SOLE	1	1,364	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	6,816,548	28,945	SH	SOLE	1	28,945	0	0
WILLSCOT MOBILE MINI HOLDING	COM CL A	971378104	106,667	2,232	SH	SOLE	1	2,232	0	0
WINGSTOP INC	COM	974155103	9,105,879	45,493	SH	SOLE	1	45,493	0	0
WINMARK CORP	COM	974250102	457,146	1,375	SH	SOLE	1	1,375	0	0
WINNEBAGO INDUSTRIES	COM	974637100	1,066,373	15,990	SH	SOLE	1	15,990	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	6,702,463	92,295	SH	SOLE	1	92,295	0	0
WISDOMTREE INC	COM	97717P104	499,182	72,767	SH	SOLE	1	72,767	0	0
WIX.COM LTD	COM	M98068105	821,989	10,506	SH	SOLE	1	10,506	0	0
WOLFSPEED INC	COM	977852102	10,436,578	187,742	SH	SOLE	1	187,742	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	614,571	41,836	SH	SOLE	1	41,836	0	0
WOODWARD INC	COM	980745103	10,766,587	90,544	SH	SOLE	1	90,544	0	0
WORKDAY INC CLASS A	COM	98138H101	2,507,605	11,101	SH	SOLE	1	11,101	0	0
WORKHORSE GROUP INC	COM	98138J206	69,617	79,873	SH	SOLE	1	79,873	0	0
WORKIVA INC	COM	98139A105	2,394,601	23,555	SH	SOLE	1	23,555	0	0
WORLD ACCEPTANCE CORP	COM	981419104	266,010	1,985	SH	SOLE	1	1,985	0	0
WORLD KINECT CORP	COM	981475106	685,790	33,162	SH	SOLE	1	33,162	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	7,145,787	65,878	SH	SOLE	1	65,878	0	0
WORTHINGTON INDUSTRIES	COM	981811102	4,191,820	60,340	SH	SOLE	1	60,340	0	0
WP CAREY INC	COM	92936U109	127,621	1,889	SH	SOLE	1	1,889	0	0
WR BERKLEY CORP	COM	084423102	3,314,931	55,657	SH	SOLE	1	55,657	0	0
WSFS FINANCIAL CORP	COM	929328102	1,241,403	32,911	SH	SOLE	1	32,911	0	0
WW GRAINGER INC	COM	384802104	10,082,123	12,785	SH	SOLE	1	12,785	0	0
WW INTERNATIONAL INC	COM	98262P101	176,380	26,247	SH	SOLE	1	26,247	0	0
WYNDHAM HOTELSRESORTS INC	COM	98311A105	8,883,381	129,552	SH	SOLE	1	129,552	0	0
WYNN RESORTS LTD	COM	983134107	2,968,169	28,105	SH	SOLE	1	28,105	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	114,966	59,261	SH	SOLE	1	59,261	0	0
XCEL ENERGY INC	COM	98389B100	11,109,344	178,693	SH	SOLE	1	178,693	0	0
XENCOR INC	COM	98401F105	780,937	31,275	SH	SOLE	1	31,275	0	0
XENIA HOTELSRESORTS INC	COM	984017103	736,569	59,835	SH	SOLE	1	59,835	0	0
XERIS BIOPHARMA HOLDINGS INC	COM	98422E103	167,801	64,046	SH	SOLE	1	64,046	0	0
XEROX HOLDINGS CORP	COM	98421M106	3,346,259	224,732	SH	SOLE	1	224,732	0	0
XOMA CORP	COM	98419J206	66,474	3,519	SH	SOLE	1	3,519	0	0
XOMETRY INC A	CL A	98423F109	346,229	16,347	SH	SOLE	1	16,347	0	0
XP INC CLASS A	CL A	G98239109	75,705	3,227	SH	SOLE	1	3,227	0	0
XPEL INC	COM	98379L100	1,008,956	11,980	SH	SOLE	1	11,980	0	0
XPENG INC ADR	ADS	98422D105	69,784	5,200	SH	SOLE	1	5,200	0	0
XPERI INC	COM	98423J101	298,347	22,688	SH	SOLE	1	22,688	0	0
XPO INC	COM	983793100	10,309,188	174,732	SH	SOLE	1	174,732	0	0

XPONENTIAL FITNESS INC A	CL A	98422X101	205,258	11,899	SH	SOLE	1	11,899	0	0
XYLEM INC	COM	98419M100	7,325,368	65,045	SH	SOLE	1	65,045	0	0
Y MABS THERAPEUTICS INC	COM	984241109	120,237	17,708	SH	SOLE	1	17,708	0	0
YANDEX NV A	CL A	N97284108	0	4,192	SH	SOLE	1	4,192	0	0
YELP INC	COM	985817105	1,319,972	36,253	SH	SOLE	1	36,253	0	0
YETI HOLDINGS INC	COM	98585X104	5,108,703	131,532	SH	SOLE	1	131,532	0	0
YEXT INC	COM	98585N106	582,895	51,538	SH	SOLE	1	51,538	0	0
YORK WATER CO	COM	987184108	283,153	6,861	SH	SOLE	1	6,861	0	0
YUMBRANDS INC	COM	988498101	12,028,357	86,816	SH	SOLE	1	86,816	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	335,328	5,935	SH	SOLE	1	5,935	0	0
ZAI LAB LTD ADR	ADR	98887Q104	26,427	953	SH	SOLE	1	953	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	4,157,595	14,054	SH	SOLE	1	14,054	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	667,054	23,646	SH	SOLE	1	23,646	0	0
ZETA GLOBAL HOLDINGS CORP A	CL A	98956A105	551,915	64,627	SH	SOLE	1	64,627	0	0
ZEVIA PBC A	CL A	98955K104	51,737	12,004	SH	SOLE	1	12,004	0	0
ZEVRA THERAPEUTICS INC	COM	488445206	85,155	16,697	SH	SOLE	1	16,697	0	0
ZIFF DAVIS INC	COM	48123V102	6,555,304	93,567	SH	SOLE	1	93,567	0	0
ZILLOW GROUP INC A	COM	98954M101	24,256	493	SH	SOLE	1	493	0	0
ZILLOW GROUP INC C	COM	98954M200	69,158	1,376	SH	SOLE	1	1,376	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	9,085,149	62,398	SH	SOLE	1	62,398	0	0
ZIMVIE INC	COM	98888T107	139,690	12,439	SH	SOLE	1	12,439	0	0
ZIONS BANCORP NA	COM	989701107	1,076,549	40,080	SH	SOLE	1	40,080	0	0
ZIPRECRUITER INC A	CL A	98980B103	596,434	33,583	SH	SOLE	1	33,583	0	0
ZOETIS INC	COM	98978V103	26,089,298	151,497	SH	SOLE	1	151,497	0	0
ZOOM VIDEO COMMUNICATIONS A	CL A	98980L101	1,067,209	15,722	SH	SOLE	1	15,722	0	0
ZOOMINFO TECHNOLOGIES INC	COM	98980F104	10,372,348	408,521	SH	SOLE	1	408,521	0	0
ZSCALER INC	COM	98980G102	1,381,511	9,443	SH	SOLE	1	9,443	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	139,144	5,548	SH	SOLE	1	5,548	0	0
ZUMIEZ INC	COM	989817101	127,766	7,669	SH	SOLE	1	7,669	0	0
ZUORA INC CLASS A	COM	98983V106	653,494	59,571	SH	SOLE	1	59,571	0	0
ZURA BIO LTD	CL A	G9TY5A101	29,922	3,649	SH	SOLE	1	3,649	0	0
ZURN ELKAY WATER SOLUTIONS C	COM	98983L108	1,916,665	71,278	SH	SOLE	1	71,278	0	0
ZYMEWORKS INC	COM	98985Y108	221,970	25,691	SH	SOLE	1	25,691	0	0
ZYNEX INC	COM	98986M103	102,306	10,668	SH	SOLE	1	10,668	0	0