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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: [03-31-2023](#)

Check here if Amendment Amendment Number:

This Amendment (Check only one.): is a restatement.

adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: [AMERICAN INTERNATIONAL GROUP, INC.](#)

Address: [1271 Ave of the Americas](#)

[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: [Elaine Rocha](#)

Title: [Senior Vice President and Chief Investment Officer](#)

Phone: [212-770-7000](#)

Signature, Place, and Date of Signing:

[/s/ Elaine Rocha](#)

[New York, NY](#)

[05-12-2023](#)

[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: [2,996](#)

Form 13F Information Table Value Total: [15,228,740,583](#)
(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

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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 NAME OF ISSUER	COLUMN 2 TITLE OF CLASS	COLUMN 3 CUSIP	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
			VALUE (x\$1000)	SHRS OR PRN AMT	SH/ PRN	PUT/ CALL	INVESTMENT DISCRETION	OTHER MANAGER	VOTING AUTHORITY SOLE SHARED NONE		
1 800 FLOWERS.COM INC CL A	CL A	68243Q106	144,130	12,533	SH		SOLE	1	12,533	0	0
10X GENOMICS INC CLASS A	CL A	88025U109	73,866	1,324	SH		SOLE	1	1,324	0	0
1ST SOURCE CORP	COM	336901103	335,880	7,784	SH		SOLE	1	7,784	0	0
1STDIBS.COM INC	COM	320551104	45,361	11,426	SH		SOLE	1	11,426	0	0
22ND CENTURY GROUP INC	COM	90137F103	60,080	78,128	SH		SOLE	1	78,128	0	0
23ANDME HOLDING CO CLASS A	CL A	90138Q108	284,181	124,641	SH		SOLE	1	124,641	0	0
2SEVENTY BIO INC	COM	901384107	184,059	18,045	SH		SOLE	1	18,045	0	0
2U INC	COM	90214J101	253,614	37,024	SH		SOLE	1	37,024	0	0
360 DIGITECH INC	ADR	88557W101	20,079	1,035	SH		SOLE	1	1,035	0	0
3D SYSTEMS CORP	COM	88554D205	744,600	69,459	SH		SOLE	1	69,459	0	0
3M CO W/D	COM	88579Y101	15,124,173	143,889	SH		SOLE	1	143,889	0	0
4D MOLECULAR THERAPEUTICS IN	COM	35104E100	248,963	14,483	SH		SOLE	1	14,483	0	0
5E ADVANCED MATERIALS INC	COM	33830Q109	102,373	18,888	SH		SOLE	1	18,888	0	0
8X8 INC	COM	282914100	256,555	61,524	SH		SOLE	1	61,524	0	0
908 DEVICES INC	COM	65443P102	91,710	10,664	SH		SOLE	1	10,664	0	0
A MARK PRECIOUS METALS INC	COM	00181T107	307,207	8,866	SH		SOLE	1	8,866	0	0
A10 NETWORKS INC	COM	002121101	540,214	34,875	SH		SOLE	1	34,875	0	0
AADI BIOSCIENCE INC	COM	00032Q104	50,600	6,989	SH		SOLE	1	6,989	0	0
AAON INC	COM	000360206	2,304,219	23,831	SH		SOLE	1	23,831	0	0
AAR CORP	COM	000361105	984,682	18,051	SH		SOLE	1	18,051	0	0
AARON S CO INC/THE	COM	00258W108	160,047	16,568	SH		SOLE	1	16,568	0	0
ABBOTT LABORATORIES	COM	002824100	46,345,892	457,692	SH		SOLE	1	457,692	0	0
ABBVIE INC	COM	00287Y109	74,276,938	466,066	SH		SOLE	1	466,066	0	0
ABCELLERA BIOLOGICS INC	COM	00288U106	753,638	99,952	SH		SOLE	1	99,952	0	0
ABERCROMBIE FITCH CO CL A	CL A	002896207	738,150	26,600	SH		SOLE	1	26,600	0	0
ABM INDUSTRIES INC	COM	000957100	1,626,873	36,201	SH		SOLE	1	36,201	0	0
ABSCI CORP	COM	00091E109	44,489	25,422	SH		SOLE	1	25,422	0	0
ACADEMY SPORTS OUTDOORS IN	COM	00402L107	2,715,901	41,623	SH		SOLE	1	41,623	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	10,140,721	140,356	SH		SOLE	1	140,356	0	0

ACADIA PHARMACEUTICALS INC	COM	004225108	1,092,049	58,026	SH	SOLE	1	58,026	0	0
ACADIA REALTY TRUST	COM SH BEN INT	004239109	711,115	50,976	SH	SOLE	1	50,976	0	0
ACCEL ENTERTAINMENT INC	CL A1	00436Q106	245,469	26,945	SH	SOLE	1	26,945	0	0
ACCENTURE PLC CL A	SHS CL A	G1151C101	47,234,961	165,267	SH	SOLE	1	165,267	0	0
ACCO BRANDS CORP	COM	00081T108	236,240	44,406	SH	SOLE	1	44,406	0	0
ACCOLADE INC	COM	00437E102	461,670	32,105	SH	SOLE	1	32,105	0	0
ACI WORLDWIDE INC	COM	004498101	6,107,813	226,383	SH	SOLE	1	226,383	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	252,246	31,180	SH	SOLE	1	31,180	0	0
ACM RESEARCH INC CLASS A	CL A	00108J109	270,750	23,141	SH	SOLE	1	23,141	0	0
ACNB CORP	COM	000868109	129,972	3,993	SH	SOLE	1	3,993	0	0
ACRIVON THERAPEUTICS INC	COM	004890109	53,019	4,178	SH	SOLE	1	4,178	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	19,624,589	229,286	SH	SOLE	1	229,286	0	0
ACUITY BRANDS INC	COM	00508Y102	9,036,547	49,453	SH	SOLE	1	49,453	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	818,606	16,070	SH	SOLE	1	16,070	0	0
ACV AUCTIONS INC A	CL A	00091G104	734,295	56,878	SH	SOLE	1	56,878	0	0
ADAPTHEALTH CORP	CL A	00653Q102	493,720	39,720	SH	SOLE	1	39,720	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	475,142	53,810	SH	SOLE	1	53,810	0	0
ADDUS HOMECARE CORP	COM	006739106	905,218	8,479	SH	SOLE	1	8,479	0	0
ADEIA INC	COM	00676P107	504,586	56,951	SH	SOLE	1	56,951	0	0
ADICET BIO INC	COM	007002108	84,309	14,637	SH	SOLE	1	14,637	0	0
ADIENT PLC	COM	G0084W101	7,866,081	192,043	SH	SOLE	1	192,043	0	0
ADMA BIOLOGICS INC	COM	000899104	334,469	101,048	SH	SOLE	1	101,048	0	0
ADOBE INC	COM	00724F101	61,865,373	160,535	SH	SOLE	1	160,535	0	0
ADT INC	COM	00090Q103	15,205	2,103	SH	SOLE	1	2,103	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	947,542	24,535	SH	SOLE	1	24,535	0	0
ADTHEORENT HOLDINGS CO INC	COM	00739D109	30,047	17,779	SH	SOLE	1	17,779	0	0
ADTRAN HOLDINGS INC	COM	00486H105	658,174	41,499	SH	SOLE	1	41,499	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	1,958,772	16,107	SH	SOLE	1	16,107	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	8,152,370	96,810	SH	SOLE	1	96,810	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	2,009,392	20,504	SH	SOLE	1	20,504	0	0
ADVANCED MICRO DEVICES	COM	007903107	55,043,788	561,614	SH	SOLE	1	561,614	0	0
ADVANSIX INC	COM	00773T101	559,890	14,630	SH	SOLE	1	14,630	0	0
ADVANTAGE SOLUTIONS INC	CL A	00791N102	62,928	39,828	SH	SOLE	1	39,828	0	0
AECOM	COM	00766T100	18,075,088	214,363	SH	SOLE	1	214,363	0	0
AEMETIS INC	COM	00770K202	33,487	14,434	SH	SOLE	1	14,434	0	0
AERCAP HOLDINGS NV	NV SHS	N00985106	1,450,903	25,803	SH	SOLE	1	25,803	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	2,421,545	43,111	SH	SOLE	1	43,111	0	0

AEROVATE THERAPEUTICS INC	COM	008064107	89,393	4,432	SH	SOLE	1	4,432	0	0
AEROVIRONMENT INC	COM	008073108	1,237,135	13,497	SH	SOLE	1	13,497	0	0
AERSALE CORP	COM	00810F106	205,417	11,929	SH	SOLE	1	11,929	0	0
AES CORP	COM	00130H105	4,712,504	195,702	SH	SOLE	1	195,702	0	0
AEVA TECHNOLOGIES INC	COM	00835Q103	55,646	46,761	SH	SOLE	1	46,761	0	0
AEYE INC	CL A	008183105	15,521	49,304	SH	SOLE	1	49,304	0	0
AFC GAMMA INC	COM	00109K105	95,724	7,872	SH	SOLE	1	7,872	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	8,277,450	58,120	SH	SOLE	1	58,120	0	0
AFFIMED NV	COM	N01045108	51,174	68,634	SH	SOLE	1	68,634	0	0
AFFIRM HOLDINGS INC	CL A	00827B106	25,087	2,226	SH	SOLE	1	2,226	0	0
AFLAC INC	COM	001055102	10,150,157	157,318	SH	SOLE	1	157,318	0	0
AGCO CORP	COM	001084102	12,922,010	95,577	SH	SOLE	1	95,577	0	0
AGENUS INC	COM	00847G705	223,470	147,020	SH	SOLE	1	147,020	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	12,792,992	92,475	SH	SOLE	1	92,475	0	0
AGILITI INC	COM	00848J104	248,761	15,567	SH	SOLE	1	15,567	0	0
AGILON HEALTH INC	COM	00857U107	65,384	2,753	SH	SOLE	1	2,753	0	0
AGILYSYS INC	COM	00847J105	893,088	10,824	SH	SOLE	1	10,824	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	605,030	26,340	SH	SOLE	1	26,340	0	0
AGNC INVESTMENT CORP	COM	00123Q104	57,869	5,741	SH	SOLE	1	5,741	0	0
AGREE REALTY CORP	COM	008492100	12,214,570	178,029	SH	SOLE	1	178,029	0	0
AIR LEASE CORP	COM	00912X302	41,142	1,045	SH	SOLE	1	1,045	0	0
AIR PRODUCTS CHEMICALS INC	COM	009158106	19,536,311	68,021	SH	SOLE	1	68,021	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	581,032	27,894	SH	SOLE	1	27,894	0	0
AIRBNB INC CLASS A	CL A	009066101	2,738,915	22,017	SH	SOLE	1	22,017	0	0
AIRSCULPT TECHNOLOGIES INC	COM	009496100	30,109	5,974	SH	SOLE	1	5,974	0	0
AKA BRANDS HOLDING CORP	COM	00152K101	2,940	5,397	SH	SOLE	1	5,397	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	3,742,740	47,800	SH	SOLE	1	47,800	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	643,725	16,825	SH	SOLE	1	16,825	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	98,782	32,072	SH	SOLE	1	32,072	0	0
AKOYA BIOSCIENCES INC	COM	00974H104	62,258	7,611	SH	SOLE	1	7,611	0	0
ALAMO GROUP INC	COM	011311107	1,014,353	5,508	SH	SOLE	1	5,508	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,326,034	26,373	SH	SOLE	1	26,373	0	0
ALASKA AIR GROUP INC	COM	011659109	1,451,522	34,593	SH	SOLE	1	34,593	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,520,818	17,019	SH	SOLE	1	17,019	0	0
ALBEMARLE CORP	COM	012653101	7,843,604	35,485	SH	SOLE	1	35,485	0	0
ALBERTSONS COS INC CLASS A	COM	013091103	48,729	2,345	SH	SOLE	1	2,345	0	0
ALCOA CORP	COM	013872106	11,621,391	273,059	SH	SOLE	1	273,059	0	0
ALECTOR INC	COM	014442107	185,793	30,015	SH	SOLE	1	30,015	0	0

ALERUS FINANCIAL CORP	COM	01446U103	117,422	7,316	SH	SOLE	1	7,316	0	0
ALEXANDER BALDWIN INC	COM	014491104	747,947	39,553	SH	SOLE	1	39,553	0	0
ALEXANDER S INC	COM	014752109	199,950	1,032	SH	SOLE	1	1,032	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	5,387,685	42,899	SH	SOLE	1	42,899	0	0
ALICO INC	COM	016230104	82,038	3,390	SH	SOLE	1	3,390	0	0
ALIGHT INC CLASS A	CL A	01626W101	1,711,448	185,825	SH	SOLE	1	185,825	0	0
ALIGN TECHNOLOGY INC	COM	016255101	8,478,134	25,373	SH	SOLE	1	25,373	0	0
ALIGNMENT HEALTHCARE INC	COM	01625V104	301,928	47,473	SH	SOLE	1	47,473	0	0
ALKAMI TECHNOLOGY INC	COM	01644J108	221,588	17,503	SH	SOLE	1	17,503	0	0
ALKERMES PLC	COM	G01767105	2,218,468	78,697	SH	SOLE	1	78,697	0	0
ALLBIRDS INC CL A	CL A	01675A109	55,914	46,595	SH	SOLE	1	46,595	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	789,924	8,588	SH	SOLE	1	8,588	0	0
ALLEGION PLC	COM	G0176J109	2,580,411	24,177	SH	SOLE	1	24,177	0	0
ALLEGRO MICROSYSTEMS INC	COM	01749D105	4,837,344	100,799	SH	SOLE	1	100,799	0	0
ALLETE INC	COM	018522300	7,421,475	115,294	SH	SOLE	1	115,294	0	0
ALLIANT ENERGY CORP	COM	018802108	3,845,654	72,016	SH	SOLE	1	72,016	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	249,254	6,449	SH	SOLE	1	6,449	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	57,771	1,277	SH	SOLE	1	1,277	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	190,007	38,463	SH	SOLE	1	38,463	0	0
ALLOVIR INC	COM	019818103	59,065	14,991	SH	SOLE	1	14,991	0	0
ALLOVIR INC	COM	019818103	4,447,819	1,128,888	SH	SOLE	2	1,128,888	0	0
ALLSTATE CORP	COM	020002101	9,259,505	83,562	SH	SOLE	1	83,562	0	0
ALLY FINANCIAL INC	COM	02005N100	76,546	3,003	SH	SOLE	1	3,003	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	366,385	1,829	SH	SOLE	1	1,829	0	0
ALPHA OMEGA SEMICONDUCTOR	COM	G6331P104	324,613	12,045	SH	SOLE	1	12,045	0	0
ALPHA METALLURGICAL RESOURCE	COM	020764106	1,147,380	7,355	SH	SOLE	1	7,355	0	0
ALPHA TEKNOVA INC	COM	02080L102	8,978	3,033	SH	SOLE	1	3,033	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	188,953,946	1,821,594	SH	SOLE	1	1,821,594	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	168,067,432	1,616,033	SH	SOLE	1	1,616,033	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	545,735	34,983	SH	SOLE	1	34,983	0	0
ALPINE IMMUNE SCIENCES INC	COM	02083G100	88,147	11,418	SH	SOLE	1	11,418	0	0
ALTA EQUIPMENT GROUP INC	COM	02128L106	158,611	10,007	SH	SOLE	1	10,007	0	0
ALTAIR ENGINEERING INC A	COM	021369103	1,809,024	25,087	SH	SOLE	1	25,087	0	0
ALTERYX INC CLASS A	COM	02156B103	52,544	893	SH	SOLE	1	893	0	0
ALTICE USA INC A	COM	02156K103	7,199	2,105	SH	SOLE	1	2,105	0	0
ALTO INGREDIENTS INC	COM	021513106	52,296	34,864	SH	SOLE	1	34,864	0	0

ALTRIA GROUP INC	COM	02209S103	20,913,706	468,707	SH	SOLE	1	468,707	0	0
ALTUS POWER INC	CL A	02217A102	242,961	44,336	SH	SOLE	1	44,336	0	0
ALX ONCOLOGY HOLDINGS INC	COM	00166B105	46,796	10,353	SH	SOLE	1	10,353	0	0
AMALGAMATED FINANCIAL CORP	COM	022671101	150,772	8,523	SH	SOLE	1	8,523	0	0
AMAZON.COM INC	COM	023135106	285,532,190	2,764,374	SH	SOLE	1	2,764,374	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	374,833	24,214	SH	SOLE	1	24,214	0	0
AMBARELLA INC	COM	G037AX101	1,385,431	17,895	SH	SOLE	1	17,895	0	0
AMC ENTERTAINMENT HLDS CL A	CL A COM	00165C104	26,057	5,201	SH	SOLE	1	5,201	0	0
AMC NETWORKS INC A	COM	00164V103	287,873	16,375	SH	SOLE	1	16,375	0	0
AMCOR PLC	COM	G0250X107	5,663,542	497,675	SH	SOLE	1	497,675	0	0
AMDOCS LTD	COM	G02602103	114,852	1,196	SH	SOLE	1	1,196	0	0
AMEDISYS INC	COM	023436108	3,686,988	50,129	SH	SOLE	1	50,129	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	158,785	5,009	SH	SOLE	1	5,009	0	0
AMERANT BANCORP INC	COM	023576101	291,279	13,386	SH	SOLE	1	13,386	0	0
AMEREN CORPORATION	COM	023608102	6,061,382	70,163	SH	SOLE	1	70,163	0	0
AMERESCO INC CL A	CL A	02361E108	755,576	15,351	SH	SOLE	1	15,351	0	0
AMERICA S CAR MART INC	COM	03062T105	254,026	3,207	SH	SOLE	1	3,207	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	2,604,319	176,564	SH	SOLE	1	176,564	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	504,570	27,142	SH	SOLE	1	27,142	0	0
AMERICAN AXLE MFG HOLDINGS	COM	024061103	482,674	61,802	SH	SOLE	1	61,802	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	1,148,461	85,451	SH	SOLE	1	85,451	0	0
AMERICAN ELECTRIC POWER	COM	025537101	14,741,108	162,008	SH	SOLE	1	162,008	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,407,456	38,571	SH	SOLE	1	38,571	0	0
AMERICAN EXPRESS CO	COM	025816109	30,389,068	184,232	SH	SOLE	1	184,232	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	13,094,420	107,773	SH	SOLE	1	107,773	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	97,401	3,097	SH	SOLE	1	3,097	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	9,779,862	194,199	SH	SOLE	1	194,199	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	48,991	9,039	SH	SOLE	1	9,039	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	18,977	721	SH	SOLE	1	721	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	191,332	15,173	SH	SOLE	1	15,173	0	0
AMERICAN STATES WATER CO	COM	029899101	1,791,845	20,158	SH	SOLE	1	20,158	0	0
AMERICAN TOWER CORP	COM	03027X100	27,857,672	136,330	SH	SOLE	1	136,330	0	0
AMERICAN VANGUARD CORP	COM	030371108	334,523	15,289	SH	SOLE	1	15,289	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	7,696,878	52,542	SH	SOLE	1	52,542	0	0
AMERICAN WELL CORP CLASS A	CL A	03044L105	261,285	110,714	SH	SOLE	1	110,714	0	0

AMERICAN WOODMARK CORP	COM	030506109	469,984	9,026	SH	SOLE	1	9,026	0	0
AMERICOLD REALTY TRUST INC	COM	03064D108	76,957	2,705	SH	SOLE	1	2,705	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	10,609,191	34,614	SH	SOLE	1	34,614	0	0
AMERIS BANCORP	COM	03076K108	1,319,477	36,071	SH	SOLE	1	36,071	0	0
AMERISAFE INC	COM	03071H100	510,842	10,436	SH	SOLE	1	10,436	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	7,159,799	44,718	SH	SOLE	1	44,718	0	0
AMETEK INC	COM	031100100	9,701,504	66,755	SH	SOLE	1	66,755	0	0
AMGEN INC	COM	031162100	45,754,572	189,264	SH	SOLE	1	189,264	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,476,112	133,103	SH	SOLE	1	133,103	0	0
AMKOR TECHNOLOGY INC	COM	031652100	5,280,863	202,954	SH	SOLE	1	202,954	0	0
AMMO INC	COM	00175J107	84,111	42,696	SH	SOLE	1	42,696	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	1,960,428	23,631	SH	SOLE	1	23,631	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	69,090	49,705	SH	SOLE	1	49,705	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	782,625	20,870	SH	SOLE	1	20,870	0	0
AMPHENOL CORP CL A	CL A	032095101	16,284,835	199,276	SH	SOLE	1	199,276	0	0
AMPLIFY ENERGY CORP	COM	03212B103	118,274	17,216	SH	SOLE	1	17,216	0	0
AMPLITUDE INC CLASS A	CL A	03213A104	335,743	26,989	SH	SOLE	1	26,989	0	0
AMRYT PHARMA PLC	SPONSORED ADS	03217L106	29	2	SH	SOLE	2	2	0	0
AMYLYX PHARMACEUTICALS INC	COM	03237H101	714,077	24,338	SH	SOLE	1	24,338	0	0
AMYRIS INC	COM	03236M200	133,556	98,203	SH	SOLE	1	98,203	0	0
AN2 THERAPEUTICS INC	COM	037326105	52,923	5,362	SH	SOLE	1	5,362	0	0
ANALOG DEVICES INC	COM	032654105	36,385,709	184,493	SH	SOLE	1	184,493	0	0
ANAPTYSBIO INC	COM	032724106	212,813	9,780	SH	SOLE	1	9,780	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	286,024	33,375	SH	SOLE	1	33,375	0	0
ANDERSONS INC/THE	COM	034164103	720,290	17,432	SH	SOLE	1	17,432	0	0
ANGEL OAK MORTGAGE REIT INC	COM	03464Y108	42,026	5,757	SH	SOLE	1	5,757	0	0
ANGIODYNAMICS INC	COM	03475V101	211,329	20,438	SH	SOLE	1	20,438	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	275,061	6,925	SH	SOLE	1	6,925	0	0
ANIKA THERAPEUTICS INC	COM	035255108	228,611	7,960	SH	SOLE	1	7,960	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710839	13,808,638	722,587	SH	SOLE	1	722,587	0	0
ANSYS INC	COM	03662Q105	10,641,280	31,975	SH	SOLE	1	31,975	0	0
ANTERIX INC	COM	03676C100	293,527	8,884	SH	SOLE	1	8,884	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	5,421,452	516,821	SH	SOLE	1	516,821	0	0
ANTERO RESOURCES CORP	COM	03674X106	9,859,915	427,021	SH	SOLE	1	427,021	0	0
ANYWHERE REAL ESTATE INC	COM	75605Y106	310,184	58,747	SH	SOLE	1	58,747	0	0

AON PLC CLASS A	CL A	G0403H108	19,754,495	62,655	SH	SOLE	1	62,655	0	0
APA CORP	COM	03743Q108	3,171,693	87,956	SH	SOLE	1	87,956	0	0
APARTMENT INCOME REIT CO	COM	03750L109	8,220,508	229,559	SH	SOLE	1	229,559	0	0
APARTMENT INVT MGMT CO A	COM	03748R747	555,941	72,294	SH	SOLE	1	72,294	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	2,985,416	45,261	SH	SOLE	1	45,261	0	0
API GROUP CORP	COM	00187Y100	2,245,145	99,873	SH	SOLE	1	99,873	0	0
APOGEE ENTERPRISES INC	COM	037598109	524,623	12,130	SH	SOLE	1	12,130	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	708,891	76,143	SH	SOLE	1	76,143	0	0
APOLLO GLOBAL MANAGEMENT INC	COM	03769M106	419,446	6,641	SH	SOLE	1	6,641	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	776,009	21,278	SH	SOLE	1	21,278	0	0
APPFOLIO INC A	COM	03783C100	1,178,203	9,465	SH	SOLE	1	9,465	0	0
APPHARVEST INC	COM	03783T103	30,548	49,890	SH	SOLE	1	49,890	0	0
APPIAN CORP A	COM	03782L101	857,599	19,324	SH	SOLE	1	19,324	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	1,611,799	103,853	SH	SOLE	1	103,853	0	0
APPLE INC	COM	037833100	733,424,246	4,447,691	SH	SOLE	1	4,447,691	0	0
APPLIED DIGITAL CORP	COM	038169207	73,035	32,605	SH	SOLE	1	32,605	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	2,973,360	20,920	SH	SOLE	1	20,920	0	0
APPLIED MATERIALS INC	COM	038222105	37,068,989	301,791	SH	SOLE	1	301,791	0	0
APPLOVIN CORP CLASS A	CL A	03831W108	51,282	3,256	SH	SOLE	1	3,256	0	0
APTARGROUP INC	COM	038336103	11,905,751	100,734	SH	SOLE	1	100,734	0	0
APTIV PLC	COM	G6095L109	10,517,364	93,746	SH	SOLE	1	93,746	0	0
ARAMARK	COM	03852U106	14,381,325	401,713	SH	SOLE	1	401,713	0	0
ARBOR REALTY TRUST INC	COM	038923108	915,971	79,719	SH	SOLE	1	79,719	0	0
ARBUTUS BIOPHARMA CORP	COM	03879J100	166,141	54,832	SH	SOLE	1	54,832	0	0
ARCBEST CORP	COM	03937C105	1,221,330	13,215	SH	SOLE	1	13,215	0	0
ARCELLX INC	COM	03940C100	439,720	14,272	SH	SOLE	1	14,272	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	7,191,709	105,963	SH	SOLE	1	105,963	0	0
ARCH RESOURCES INC	CL A	03940R107	942,305	7,168	SH	SOLE	1	7,168	0	0
ARCHER AVIATION INC A	CL A	03945R102	200,126	69,974	SH	SOLE	1	69,974	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	11,436,946	143,572	SH	SOLE	1	143,572	0	0
ARCHROCK INC	COM	03957W106	721,153	73,813	SH	SOLE	1	73,813	0	0
ARCONIC CORP	COM	03966V107	1,453,614	55,418	SH	SOLE	1	55,418	0	0
ARCOSA INC	COM	039653100	1,668,944	26,445	SH	SOLE	1	26,445	0	0
ARCTURUS THERAPEUTICS HOLDIN	COM	03969T109	267,361	11,154	SH	SOLE	1	11,154	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	512,307	28,087	SH	SOLE	1	28,087	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	220,352	20,032	SH	SOLE	1	20,032	0	0
ARDAGH METAL	CL A	L02235106	7,079	1,735	SH	SOLE	1	1,735	0	0

PACKAGING SA										
Company Name	Exchange	ISIN	Market Cap	Shares	Price	Market Cap	Shares	Price	Market Cap	Shares
ARDMORE SHIPPING CORP	COM	Y0207T100	293,430	19,733	SH	SOLE	1	19,733	0	0
ARENA GROUP HOLDINGS INC/THE	COM	040044109	23,830	5,607	SH	SOLE	1	5,607	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	225,223	24,777	SH	SOLE	1	24,777	0	0
ARES MANAGEMENT CORP A	COM	03990B101	190,410	2,282	SH	SOLE	1	2,282	0	0
ARGAN INC	COM	04010E109	250,226	6,183	SH	SOLE	1	6,183	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	449,045	15,331	SH	SOLE	1	15,331	0	0
ARIS WATER SOLUTIONS INC A	CL A	04041L106	82,784	10,627	SH	SOLE	1	10,627	0	0
ARISTA NETWORKS INC	COM	040413106	12,821,818	76,384	SH	SOLE	1	76,384	0	0
ARKO CORP	COM	041242108	341,850	40,265	SH	SOLE	1	40,265	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	287,868	47,503	SH	SOLE	1	47,503	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	433,179	36,679	SH	SOLE	1	36,679	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	465,119	88,594	SH	SOLE	1	88,594	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	41,390	581	SH	SOLE	1	581	0	0
ARRAY TECHNOLOGIES INC	COM	04271T100	1,592,339	72,776	SH	SOLE	1	72,776	0	0
ARROW ELECTRONICS INC	COM	042735100	11,231,182	89,943	SH	SOLE	1	89,943	0	0
ARROW FINANCIAL CORP	COM	042744102	170,384	6,840	SH	SOLE	1	6,840	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	5,479,034	215,710	SH	SOLE	1	215,710	0	0
ARTERIS INC	COM	04302A104	36,247	8,569	SH	SOLE	1	8,569	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	219,502	3,965	SH	SOLE	1	3,965	0	0
ARTHUR J GALLAGHER CO	COM	363576109	13,402,605	70,057	SH	SOLE	1	70,057	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	927,708	29,009	SH	SOLE	1	29,009	0	0
ARTIVION INC	COM	228903100	279,659	21,348	SH	SOLE	1	21,348	0	0
ARVINAS INC	COM	04335A105	641,419	23,478	SH	SOLE	1	23,478	0	0
ASANA INC CL A	CL A	04342Y104	751,108	35,547	SH	SOLE	1	35,547	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	2,539,530	12,093	SH	SOLE	1	12,093	0	0
ASGN INC	COM	00191U102	8,281,633	100,177	SH	SOLE	1	100,177	0	0
ASHFORD HOSPITALITY TRUST	COM	044103869	53,299	16,604	SH	SOLE	1	16,604	0	0
ASHLAND INC	COM	044186104	7,913,806	77,050	SH	SOLE	1	77,050	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	3,220,439	4,731	SH	SOLE	1	4,731	0	0
ASPEN AEROGELS INC	COM	04523Y105	180,730	24,259	SH	SOLE	1	24,259	0	0
ASPEN TECHNOLOGY INC	COM	29109X106	10,317,688	45,081	SH	SOLE	1	45,081	0	0
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	327,080	10,400	SH	SOLE	1	10,400	0	0
ASSOCIATED BANC CORP	COM	045487105	5,439,292	302,519	SH	SOLE	1	302,519	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	30,225	818	SH	SOLE	1	818	0	0

ASSURANT INC	COM	04621X108	1,724,325	14,361	SH	SOLE	1	14,361	0	0
ASSURED GUARANTY LTD	COM	G0585R106	219,831	4,373	SH	SOLE	1	4,373	0	0
ASTEC INDUSTRIES INC	COM	046224101	513,851	12,457	SH	SOLE	1	12,457	0	0
ASTRA SPACE INC	CL A	04634X103	31,701	74,591	SH	SOLE	1	74,591	0	0
ASTRAZENECA PLC SPONS ADR	SPON ADR	046353108	2,252,979	32,459	SH	SOLE	1	32,459	0	0
ASTRONICS CORP	COM	046433108	165,103	12,358	SH	SOLE	1	12,358	0	0
ATT INC	COM	00206R102	39,387,772	2,046,118	SH	SOLE	1	2,046,118	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	131,938	45,496	SH	SOLE	1	45,496	0	0
ATEA PHARMACEUTICALS INC	COM	04683R106	123,367	36,826	SH	SOLE	1	36,826	0	0
ATERIAN INC	COM	02156U101	27,375	31,828	SH	SOLE	1	31,828	0	0
ATHIRA PHARMA INC	COM	04746L104	41,025	16,410	SH	SOLE	1	16,410	0	0
ATI INC	COM	01741R102	2,687,423	68,105	SH	SOLE	1	68,105	0	0
ATI PHYSICAL THERAPY INC	CL A	00216W109	9,178	36,107	SH	SOLE	1	36,107	0	0
ATKORE INC	COM	047649108	2,672,211	19,022	SH	SOLE	1	19,022	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,432,844	40,880	SH	SOLE	1	40,880	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	55,128	2,032	SH	SOLE	1	2,032	0	0
ATLAS TECHNICAL CONSULTANTS	CL A	049430101	112,697	9,245	SH	SOLE	1	9,245	0	0
ATLASSIAN CORP CL A	CL A	049468101	1,383,396	8,082	SH	SOLE	1	8,082	0	0
ATMOS ENERGY CORP	COM	049560105	5,161,032	45,933	SH	SOLE	1	45,933	0	0
ATN INTERNATIONAL INC	COM	00215F107	243,760	5,957	SH	SOLE	1	5,957	0	0
ATOMERA INC	COM	04965B100	63,407	9,954	SH	SOLE	1	9,954	0	0
ATRICURE INC	COM	04963C209	912,066	22,004	SH	SOLE	1	22,004	0	0
ATRION CORPORATION	COM	049904105	411,909	656	SH	SOLE	1	656	0	0
AUDACY INC	CL A	05070N103	7,839	58,195	SH	SOLE	1	58,195	0	0
AURA BIOSCIENCES INC	COM	05153U107	105,940	11,416	SH	SOLE	1	11,416	0	0
AURINIA PHARMACEUTICALS INC	COM	05156V102	709,583	64,743	SH	SOLE	1	64,743	0	0
AUTODESK INC	COM	052769106	16,060,377	77,154	SH	SOLE	1	77,154	0	0
AUTOHOME INC ADR	ADR	05278C107	25,839	772	SH	SOLE	1	772	0	0
AUTOLIV INC	COM	052800109	11,101,251	118,908	SH	SOLE	1	118,908	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	34,009,627	152,763	SH	SOLE	1	152,763	0	0
AUTONATION INC	COM	05329W102	7,090,446	52,772	SH	SOLE	1	52,772	0	0
AUTOZONE INC	COM	053332102	14,205,649	5,779	SH	SOLE	1	5,779	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	6,381,574	37,972	SH	SOLE	1	37,972	0	0
AVANGRID INC	COM	05351W103	28,434	713	SH	SOLE	1	713	0	0
AVANOS MEDICAL INC	COM	05350V106	752,035	25,287	SH	SOLE	1	25,287	0	0
AVANTAX INC	COM	095229100	671,213	25,502	SH	SOLE	1	25,502	0	0
AVANTOR INC	COM	05352A100	187,406	8,865	SH	SOLE	1	8,865	0	0
AVEANNA HEALTHCARE HOLDINGS	COM	05356F105	22,350	21,490	SH	SOLE	1	21,490	0	0
AVEPOINT INC	CL A	053604104	260,034	63,115	SH	SOLE	1	63,115	0	0
AVERY DENNISON CORP	COM	053611109	4,940,257	27,610	SH	SOLE	1	27,610	0	0

AVIAT NETWORKS INC	COM	05366Y201	186,187	5,403	SH	SOLE	1	5,403	0	0
AVID BIOSERVICES INC	COM	05368M106	626,997	33,422	SH	SOLE	1	33,422	0	0
AVID TECHNOLOGY INC	COM	05367P100	604,166	18,892	SH	SOLE	1	18,892	0	0
AVIDITY BIOSCIENCES INC	COM	05370A108	483,617	31,506	SH	SOLE	1	31,506	0	0
AVIDXCHANGE HOLDINGS INC	COM	05368X102	551,905	70,757	SH	SOLE	1	70,757	0	0
AVIENT CORP	COM	05368V106	7,202,465	174,987	SH	SOLE	1	174,987	0	0
AVIS BUDGET GROUP INC	COM	053774105	7,479,541	38,396	SH	SOLE	1	38,396	0	0
AVISTA CORP	COM	05379B107	1,710,056	40,284	SH	SOLE	1	40,284	0	0
AVNET INC	COM	053807103	6,372,838	140,992	SH	SOLE	1	140,992	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	10,318,046	340,642	SH	SOLE	1	340,642	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	2,378,113	17,847	SH	SOLE	1	17,847	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	42,689	783	SH	SOLE	1	783	0	0
AXOGEN INC	COM	05463X106	184,927	19,569	SH	SOLE	1	19,569	0	0
AXON ENTERPRISE INC	COM	05464C101	23,511,890	104,567	SH	SOLE	1	104,567	0	0
AXONICS INC	COM	05465P101	1,290,835	23,659	SH	SOLE	1	23,659	0	0
AXOS FINANCIAL INC	COM	05465C100	1,146,218	31,046	SH	SOLE	1	31,046	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	954,005	15,467	SH	SOLE	1	15,467	0	0
AXT INC	COM	00246W103	79,043	19,860	SH	SOLE	1	19,860	0	0
AZEK CO INC/THE	CL A	05478C105	26,341	1,119	SH	SOLE	1	1,119	0	0
AZENTA INC	COM	114340102	4,757,251	106,617	SH	SOLE	1	106,617	0	0
AZZ INC	COM	002474104	553,523	13,422	SH	SOLE	1	13,422	0	0
B. RILEY FINANCIAL INC	COM	05580M108	313,397	11,039	SH	SOLE	1	11,039	0	0
BG FOODS INC	COM	05508R106	600,871	38,691	SH	SOLE	1	38,691	0	0
BABCOCK WILCOX ENTERPR	COM	05614L209	177,728	29,328	SH	SOLE	1	29,328	0	0
BABYLON HOLDINGS LTD CL A	CL A	G07031209	10,699	2,102	SH	SOLE	1	2,102	0	0
BADGER METER INC	COM	056525108	1,946,440	15,978	SH	SOLE	1	15,978	0	0
BAKER HUGHES CO	COM	05722G100	9,874,218	342,142	SH	SOLE	1	342,142	0	0
BAKKT HOLDINGS INC	CL A	05759B107	48,513	28,205	SH	SOLE	1	28,205	0	0
BALCHEM CORP	COM	057665200	2,202,396	17,413	SH	SOLE	1	17,413	0	0
BALL CORP	COM	058498106	5,569,361	101,059	SH	SOLE	1	101,059	0	0
BALLY S CORP	COM	05875B106	337,852	17,308	SH	SOLE	1	17,308	0	0
BANC OF CALIFORNIA INC	COM	05990K106	357,118	28,501	SH	SOLE	1	28,501	0	0
BANCFIRST CORP	COM	05945F103	880,278	10,593	SH	SOLE	1	10,593	0	0
BANCORP INC/THE	COM	05969A105	831,907	29,871	SH	SOLE	1	29,871	0	0
BANDWIDTH INC CLASS A	COM	05988J103	170,118	11,192	SH	SOLE	1	11,192	0	0
BANK FIRST CORP	COM	06211J100	274,527	3,731	SH	SOLE	1	3,731	0	0
BANK OF AMERICA CORP	COM	060505104	52,174,723	1,824,291	SH	SOLE	1	1,824,291	0	0
BANK OF HAWAII CORP	COM	062540109	3,200,785	61,459	SH	SOLE	1	61,459	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	165,532	7,562	SH	SOLE	1	7,562	0	0
BANK OF N.T. BUTTERFIELD SON	COM	G0772R208	647,919	23,997	SH	SOLE	1	23,997	0	0

BANK OF NEW YORK MELLON CORP	COM	064058100	10,686,761	235,184	SH	SOLE	1	235,184	0	0
BANK OZK	COM	06417N103	5,812,974	169,970	SH	SOLE	1	169,970	0	0
BANKUNITED INC	COM	06652K103	932,148	41,282	SH	SOLE	1	41,282	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	67,619	2,720	SH	SOLE	1	2,720	0	0
BANNER CORPORATION	COM	06652V208	1,014,870	18,666	SH	SOLE	1	18,666	0	0
BAR HARBOR BANKSHARES	COM	066849100	188,641	7,132	SH	SOLE	1	7,132	0	0
BARK INC	COM	68622E104	75,805	52,279	SH	SOLE	1	52,279	0	0
BARNES GROUP INC	COM	067806109	1,080,914	26,835	SH	SOLE	1	26,835	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	292,778	3,303	SH	SOLE	1	3,303	0	0
BATH BODY WORKS INC	COM	070830104	2,268,106	62,004	SH	SOLE	1	62,004	0	0
BATTALION OIL CORP	COM	07134L107	7,950	1,210	SH	SOLE	1	1,210	0	0
BAXTER INTERNATIONAL INC	COM	071813109	6,330,848	156,086	SH	SOLE	1	156,086	0	0
BAYCOM CORP	COM	07272M107	99,918	5,850	SH	SOLE	1	5,850	0	0
BCB BANCORP INC	COM	055298103	91,070	6,936	SH	SOLE	1	6,936	0	0
BEACHBODY CO INC/THE	CL A	073463101	24,359	50,516	SH	SOLE	1	50,516	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,459,362	24,798	SH	SOLE	1	24,798	0	0
BEAM THERAPEUTICS INC	COM	07373V105	939,238	30,674	SH	SOLE	1	30,674	0	0
BEAUTY HEALTH CO/THE	CL A	88331L108	533,807	42,265	SH	SOLE	1	42,265	0	0
BEAZER HOMES USA INC	COM	07556Q881	227,624	14,334	SH	SOLE	1	14,334	0	0
BECTON DICKINSON AND CO	COM	075887109	18,368,706	74,205	SH	SOLE	1	74,205	0	0
BED BATH BEYOND INC	COM	075896100	18,488	43,258	SH	SOLE	1	43,258	0	0
BEIGENE LTD ADR	SPON ADR	07725L102	150,871	700	SH	SOLE	1	700	0	0
BELDEN INC	COM	077454106	7,472,632	86,120	SH	SOLE	1	86,120	0	0
BELLRING BRANDS INC	COM	07831C103	9,156,710	269,315	SH	SOLE	1	269,315	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	452,100	19,084	SH	SOLE	1	19,084	0	0
BENSON HILL INC	COM	082490103	95,029	82,634	SH	SOLE	1	82,634	0	0
BENTLEY SYSTEMS INC CLASS B	CL B	08265T208	107,819	2,508	SH	SOLE	1	2,508	0	0
BERKSHIRE GREY INC	CL A	084656107	33,417	24,215	SH	SOLE	1	24,215	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	145,409,056	470,930	SH	SOLE	1	470,930	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	587,807	23,456	SH	SOLE	1	23,456	0	0
BERRY CORP	COM	08579X101	288,676	36,774	SH	SOLE	1	36,774	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	88,645	1,505	SH	SOLE	1	1,505	0	0
BEST BUY CO INC	COM	086516101	4,207,795	53,760	SH	SOLE	1	53,760	0	0
BEYOND MEAT INC	COM	08862E109	480,992	29,636	SH	SOLE	1	29,636	0	0
BGC PARTNERS INC CL A	CL A	05541T101	795,954	152,190	SH	SOLE	1	152,190	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	79,638	10,356	SH	SOLE	1	10,356	0	0
BIG LOTS INC	COM	089302103	170,176	15,527	SH	SOLE	1	15,527	0	0
BIGCOMMERCE HOLDINGS SER 1	COM SER 1	08975P108	280,573	31,384	SH	SOLE	1	31,384	0	0

BIGLARI HOLDINGS INC B	COM	08986R309	60,066	355	SH	SOLE	1	355	0	0
BILL HOLDINGS INC	COM	090043100	80,734	995	SH	SOLE	1	995	0	0
BIO RAD LABORATORIES A	COM	090572207	3,317,214	6,925	SH	SOLE	1	6,925	0	0
BIO TECHNE CORP	COM	09073M104	3,233,794	43,588	SH	SOLE	1	43,588	0	0
BIOCRYS T PHARMACEUTICALS INC	COM	09058V103	746,613	89,522	SH	SOLE	1	89,522	0	0
BIOGEN INC	COM	09062X103	15,150,967	54,494	SH	SOLE	1	54,494	0	0
BIOHAVEN LTD	COM	G1110E107	416,903	30,520	SH	SOLE	1	30,520	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	400,918	18,433	SH	SOLE	1	18,433	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	180,672	1,858	SH	SOLE	1	1,858	0	0
BIONANO GENOMICS INC	COM	09075F107	160,294	144,409	SH	SOLE	1	144,409	0	0
BIOVENTUS INC A	CL A	09075A108	16,500	15,421	SH	SOLE	1	15,421	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	172,232	9,230	SH	SOLE	1	9,230	0	0
BIRD GLOBAL INC CLASS A	CL A	09077J107	23,763	84,898	SH	SOLE	1	84,898	0	0
BJ S RESTAURANTS INC	COM	09180C106	362,065	12,425	SH	SOLE	1	12,425	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	15,809,780	207,832	SH	SOLE	1	207,832	0	0
BLACK HILLS CORP	COM	092113109	8,274,934	131,140	SH	SOLE	1	131,140	0	0
BLACK KNIGHT INC	COM	09215C105	93,477	1,624	SH	SOLE	1	1,624	0	0
BLACKBAUD INC	COM	09227Q100	6,291,816	90,791	SH	SOLE	1	90,791	0	0
BLACKLINE INC	COM	09239B109	1,790,353	26,662	SH	SOLE	1	26,662	0	0
BLACKROCK INC	COM	09247X101	32,164,598	48,070	SH	SOLE	1	48,070	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	1,484,495	83,165	SH	SOLE	1	83,165	0	0
BLADE AIR MOBILITY INC	CL A	092667104	92,602	27,397	SH	SOLE	1	27,397	0	0
BLEND LABS INC A	CL A	09352U108	91,019	91,366	SH	SOLE	1	91,366	0	0
BLINK CHARGING CO	COM	09354A100	176,019	20,349	SH	SOLE	1	20,349	0	0
BLOOM ENERGY CORP A	COM	093712107	1,730,542	86,831	SH	SOLE	1	86,831	0	0
BLOOMIN BRANDS INC	COM	094235108	1,224,249	47,729	SH	SOLE	1	47,729	0	0
BLUE BIRD CORP	COM	095306106	172,266	8,432	SH	SOLE	1	8,432	0	0
BLUE FOUNDRY BANCORP	COM	09549B104	116,249	12,211	SH	SOLE	1	12,211	0	0
BLUE OWL CAPITAL INC	CL A	09581B103	69,538	6,276	SH	SOLE	1	6,276	0	0
BLUE RIDGE BANKSHARES INC	COM	095825105	83,793	8,215	SH	SOLE	1	8,215	0	0
BLUEBIRD BIO INC	COM	09609G100	158,192	49,746	SH	SOLE	1	49,746	0	0
BLUEGREEN VACATIONS HOLDING	CL A	096308101	126,386	4,616	SH	SOLE	1	4,616	0	0
BLUELINX HOLDINGS INC	COM	09624H208	287,403	4,229	SH	SOLE	1	4,229	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	1,297,512	28,840	SH	SOLE	1	28,840	0	0
BLUEROCK HOMES TRUST INC	CL A	09631H100	36,667	1,850	SH	SOLE	1	1,850	0	0
BOEING CO/THE	COM	097023105	31,224,024	146,985	SH	SOLE	1	146,985	0	0
BOISE CASCADE CO	COM	09739D100	1,363,986	21,565	SH	SOLE	1	21,565	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	24,648	292	SH	SOLE	1	292	0	0

BOOKING HOLDINGS INC	COM	09857L108	36,937,462	13,926	SH	SOLE	1	13,926	0	0
BOOT BARN HOLDINGS INC	COM	099406100	1,236,510	16,134	SH	SOLE	1	16,134	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	181,024	1,953	SH	SOLE	1	1,953	0	0
BORGWARNER INC	COM	099724106	3,120,744	63,546	SH	SOLE	1	63,546	0	0
BORR DRILLING LTD	LTD SHS	G1466R173	737,208	97,257	SH	SOLE	1	97,257	0	0
BOSTON BEER COMPANY INC A	COM	100557107	4,795,076	14,588	SH	SOLE	1	14,588	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	250,074	10,565	SH	SOLE	1	10,565	0	0
BOSTON PROPERTIES INC	COM	101121101	2,103,266	38,863	SH	SOLE	1	38,863	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	18,812,080	376,016	SH	SOLE	1	376,016	0	0
BOWLERO CORP	CL A	10258P102	241,605	14,254	SH	SOLE	1	14,254	0	0
BOX INC CLASS A	COM	10316T104	1,808,191	67,495	SH	SOLE	1	67,495	0	0
BOXED INC	COM	103174108	5,361	28,248	SH	SOLE	1	28,248	0	0
BOYD GAMING CORP	COM	103304101	7,846,236	122,368	SH	SOLE	1	122,368	0	0
BRADY CORPORATION CL A	CL A	104674106	1,328,313	24,722	SH	SOLE	1	24,722	0	0
BRAEMAR HOTELS RESORTS INC	COM	10482B101	119,841	31,047	SH	SOLE	1	31,047	0	0
BRANDYWINE REALTY TRUST	COM	105368203	438,897	92,790	SH	SOLE	1	92,790	0	0
BRC INC A	CL A	05601U105	67,062	13,047	SH	SOLE	1	13,047	0	0
BREAD FINANCIAL HOLDINGS INC	COM	018581108	828,615	27,329	SH	SOLE	1	27,329	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	847,271	51,102	SH	SOLE	1	51,102	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	43,991,250	2,653,272	SH	SOLE	2	2,653,272	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	106,438	9,819	SH	SOLE	1	9,819	0	0
BRIGHT HEALTH GROUP INC	COM	10920V107	20,526	93,171	SH	SOLE	1	93,171	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	50,505	656	SH	SOLE	1	656	0	0
BRIGHTCOVE	COM	10921T101	89,485	20,109	SH	SOLE	1	20,109	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	4,646,812	105,346	SH	SOLE	1	105,346	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	416,093	17,646	SH	SOLE	1	17,646	0	0
BRIGHTSPIRE CAPITAL INC	CL A	10949T109	266,857	45,230	SH	SOLE	1	45,230	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	111,310	19,806	SH	SOLE	1	19,806	0	0
BRINK S CO/THE	COM	109696104	6,217,811	93,081	SH	SOLE	1	93,081	0	0
BRINKER INTERNATIONAL INC	COM	109641100	902,804	23,758	SH	SOLE	1	23,758	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	38,836,403	560,329	SH	SOLE	1	560,329	0	0
BRISTOW GROUP INC	COM	11040G103	285,958	12,766	SH	SOLE	1	12,766	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	9,958,272	462,745	SH	SOLE	1	462,745	0	0
BROADCOM INC	COM	11135F101	93,695,634	146,048	SH	SOLE	1	146,048	0	0
BROADMARK REALTY CAPITAL INC	COM	11135B100	295,381	62,847	SH	SOLE	1	62,847	0	0

BROADRIDGE FINANCIAL SOLUTIONS	COM	11133T103	4,773,492	32,568	SH	SOLE	1	32,568	0	0
BROADSTONE NET LEASE INC	COM	11135E203	1,421,032	83,541	SH	SOLE	1	83,541	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	264,836	89,775	SH	SOLE	1	89,775	0	0
BROOKFIELD BUSINESS CL A	CL A	11259V106	248,483	12,537	SH	SOLE	1	12,537	0	0
BROOKFIELD INFRASTRUCTURE A	CL A	11275Q107	2,177,440	47,274	SH	SOLE	1	47,274	0	0
BROOKFIELD RENEWABLE CORP A	CL A SUB VTG	11284V105	44,911	1,285	SH	SOLE	1	1,285	0	0
BROOKLINE BANCORP INC	COM	11373M107	489,678	46,636	SH	SOLE	1	46,636	0	0
BROWN BROWN INC	COM	115236101	3,686,536	64,203	SH	SOLE	1	64,203	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	38,267	587	SH	SOLE	1	587	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	3,238,115	50,383	SH	SOLE	1	50,383	0	0
BRP GROUP INC A	COM CL A	05589G102	746,971	29,339	SH	SOLE	1	29,339	0	0
BRT APARTMENTS CORP	COM	055645303	114,455	5,804	SH	SOLE	1	5,804	0	0
BRUKER CORP	COM	116794108	12,213,341	154,913	SH	SOLE	1	154,913	0	0
BRUNSWICK CORP	COM	117043109	9,178,752	111,936	SH	SOLE	1	111,936	0	0
BUCKLE INC/THE	COM	118440106	587,065	16,449	SH	SOLE	1	16,449	0	0
BUILD A BEAR WORKSHOP INC	COM	120076104	149,666	6,440	SH	SOLE	1	6,440	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	20,159,452	227,072	SH	SOLE	1	227,072	0	0
BUMBLE INC A	CL A	12047B105	944,871	48,331	SH	SOLE	1	48,331	0	0
BUNGE LTD	COM	G16962105	3,885,754	40,680	SH	SOLE	1	40,680	0	0
BURLINGTON STORES INC	COM	122017106	191,389	947	SH	SOLE	1	947	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	194,751	11,369	SH	SOLE	1	11,369	0	0
BUTTERFLY NETWORK INC	CL A	124155102	120,604	64,151	SH	SOLE	1	64,151	0	0
BWX TECHNOLOGIES INC	COM	05605H100	68,777	1,091	SH	SOLE	1	1,091	0	0
BYLINE BANCORP INC	COM	124411109	256,521	11,865	SH	SOLE	1	11,865	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	4,001,232	40,266	SH	SOLE	1	40,266	0	0
C3.AI INC A	CL A	12468P104	964,936	28,744	SH	SOLE	1	28,744	0	0
C4 THERAPEUTICS INC	COM	12529R107	63,748	20,302	SH	SOLE	1	20,302	0	0
CABLE ONE INC	COM	12685J105	5,241,834	7,467	SH	SOLE	1	7,467	0	0
CABOT CORP	COM	127055101	8,674,498	113,185	SH	SOLE	1	113,185	0	0
CACI INTERNATIONAL INC CL A	CL A	127190304	10,745,779	36,269	SH	SOLE	1	36,269	0	0
CACTUS INC A	COM	127203107	1,244,486	30,184	SH	SOLE	1	30,184	0	0
CADENCE BANK	COM	12740C103	7,623,425	367,217	SH	SOLE	1	367,217	0	0
CADENCE DESIGN SYS INC	COM	127387108	22,183,403	105,590	SH	SOLE	1	105,590	0	0
CADRE HOLDINGS INC	COM	12763L105	198,103	9,197	SH	SOLE	1	9,197	0	0
CAESARS ENTERTAINMENT INC	COM	12769G100	2,871,297	58,826	SH	SOLE	1	58,826	0	0
CAESARSTONE LTD	COM	M20598104	45,112	10,923	SH	SOLE	1	10,923	0	0
CAL MAINE FOODS INC	COM	128030202	1,260,606	20,703	SH	SOLE	1	20,703	0	0
CALAVO GROWERS INC	COM	128246105	271,877	9,450	SH	SOLE	1	9,450	0	0

CALERES INC	COM	129500104	405,476	18,746	SH	SOLE	1	18,746	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q305	1,376,144	35,744	SH	SOLE	1	35,744	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,726,561	29,666	SH	SOLE	1	29,666	0	0
CALIX INC	COM	13100M509	6,164,404	115,029	SH	SOLE	1	115,029	0	0
CALLON PETROLEUM CO	COM	13123X508	902,612	26,992	SH	SOLE	1	26,992	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	98,240	5,544	SH	SOLE	1	5,544	0	0
CAMBRIDGE BANCORP	COM	132152109	213,743	3,298	SH	SOLE	1	3,298	0	0
CAMDEN NATIONAL CORP	COM	133034108	251,340	6,945	SH	SOLE	1	6,945	0	0
CAMDEN PROPERTY TRUST	COM	133131102	3,131,780	29,872	SH	SOLE	1	29,872	0	0
CAMPBELL SOUP CO	COM	134429109	3,344,653	60,834	SH	SOLE	1	60,834	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	391,834	18,775	SH	SOLE	1	18,775	0	0
CANNAE HOLDINGS INC	COM	13765N107	676,292	33,513	SH	SOLE	1	33,513	0	0
CANO HEALTH INC	CL A	13781Y103	71,106	78,138	SH	SOLE	1	78,138	0	0
CANOO INC	CL A	13803R102	89,299	136,835	SH	SOLE	1	136,835	0	0
CANTALOUPE INC	COM	138103106	157,309	27,598	SH	SOLE	1	27,598	0	0
CAPITAL BANCORP INC/MD	COM	139737100	72,218	4,340	SH	SOLE	1	4,340	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	191,336	6,528	SH	SOLE	1	6,528	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	9,583,690	99,664	SH	SOLE	1	99,664	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	468,085	69,552	SH	SOLE	1	69,552	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	9,115,039	193,937	SH	SOLE	1	193,937	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	148,743	9,818	SH	SOLE	1	9,818	0	0
CARA THERAPEUTICS INC	COM	140755109	120,177	24,476	SH	SOLE	1	24,476	0	0
CARDINAL HEALTH INC	COM	14149Y108	5,280,017	69,934	SH	SOLE	1	69,934	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	443,732	22,343	SH	SOLE	1	22,343	0	0
CARDLYTICS INC	COM	14161W105	52,327	15,413	SH	SOLE	1	15,413	0	0
CAREDX INC	COM	14167L103	224,606	24,574	SH	SOLE	1	24,574	0	0
CAREMAX INC	CL A	14171W103	75,326	28,212	SH	SOLE	1	28,212	0	0
CARETRUST REIT INC	COM	14174T107	1,059,356	54,104	SH	SOLE	1	54,104	0	0
CARGURUS INC	COM	141788109	920,214	49,262	SH	SOLE	1	49,262	0	0
CARIBOU BIOSCIENCES INC	COM	142038108	143,747	27,071	SH	SOLE	1	27,071	0	0
CARLISLE COS INC	COM	142339100	18,086,052	80,002	SH	SOLE	1	80,002	0	0
CARLYLE GROUP INC/THE	COM	14316J108	64,698	2,083	SH	SOLE	1	2,083	0	0
CARMAX INC	COM	143130102	2,762,819	42,981	SH	SOLE	1	42,981	0	0
CARNIVAL CORP	COM	143658300	2,758,303	271,754	SH	SOLE	1	271,754	0	0
CARPARTS.COM INC	COM	14427M107	130,894	24,512	SH	SOLE	1	24,512	0	0
CARPENTER TECHNOLOGY	COM	144285103	1,169,803	26,135	SH	SOLE	1	26,135	0	0
CARRIAGE SERVICES INC	COM	143905107	195,725	6,413	SH	SOLE	1	6,413	0	0
CARRIER GLOBAL CORP	COM	14448C104	10,360,225	226,453	SH	SOLE	1	226,453	0	0

CARS.COM INC	COM	14575E105	692,021	35,856	SH	SOLE	1	35,856	0	0
CARTER BANKSHARES INC	COM	146103106	161,042	11,503	SH	SOLE	1	11,503	0	0
CARTER S INC	COM	146229109	4,234,218	58,874	SH	SOLE	1	58,874	0	0
CARVANA CO	COM	146869102	15,194	1,552	SH	SOLE	1	1,552	0	0
CASA SYSTEMS INC	COM	14713L102	21,680	17,071	SH	SOLE	1	17,071	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	1,992,189	24,101	SH	SOLE	1	24,101	0	0
CASEY S GENERAL STORES INC	COM	147528103	12,443,852	57,488	SH	SOLE	1	57,488	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	281,082	6,490	SH	SOLE	1	6,490	0	0
CASSAVA SCIENCES INC	COM	14817C107	444,001	18,408	SH	SOLE	1	18,408	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	269,050	11,842	SH	SOLE	1	11,842	0	0
CATALENT INC	COM	148806102	3,968,621	60,396	SH	SOLE	1	60,396	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	876,817	52,884	SH	SOLE	1	52,884	0	0
CATERPILLAR INC	COM	149123101	35,204,974	153,841	SH	SOLE	1	153,841	0	0
CATHAY GENERAL BANCORP	COM	149150104	5,011,752	145,184	SH	SOLE	1	145,184	0	0
CATO CORP CLASS A	COM	149205106	76,183	8,618	SH	SOLE	1	8,618	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,497,826	4,714	SH	SOLE	1	4,714	0	0
CBIZ INC	COM	124805102	1,129,609	22,825	SH	SOLE	1	22,825	0	0
CBL ASSOCIATES PROPERTIES	COM	124830878	329,525	12,852	SH	SOLE	1	12,852	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	4,532,077	33,761	SH	SOLE	1	33,761	0	0
CBRE GROUP INC A	COM	12504L109	9,310,433	127,873	SH	SOLE	1	127,873	0	0
CCC INTELLIGENT SOLUTIONS HO	COM	12510Q100	18,281	2,038	SH	SOLE	1	2,038	0	0
CDW CORP/DE	COM	12514G108	7,324,551	37,583	SH	SOLE	1	37,583	0	0
CELANESE CORP	COM	150870103	2,957,670	27,162	SH	SOLE	1	27,162	0	0
CELLDEX THERAPEUTICS INC	COM	15117B202	795,806	22,118	SH	SOLE	1	22,118	0	0
CELSIUS HOLDINGS INC	COM	15118V207	8,247,774	88,743	SH	SOLE	1	88,743	0	0
CELULARITY INC	CL A	151190105	18,987	30,639	SH	SOLE	1	30,639	0	0
CENNTRO ELECTRIC GROUP LTD	LMT ORD SHS	Q6519V120	41,026	88,840	SH	SOLE	1	88,840	0	0
CENTENE CORP	COM	15135B101	10,800,061	170,860	SH	SOLE	1	170,860	0	0
CENTERPOINT ENERGY INC	COM	15189T107	6,429,321	218,239	SH	SOLE	1	218,239	0	0
CENTERSPACE	COM	15202L107	449,277	8,224	SH	SOLE	1	8,224	0	0
CENTRAL GARDEN PET CO	COM	153527106	220,451	5,369	SH	SOLE	1	5,369	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	858,329	21,969	SH	SOLE	1	21,969	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	261,394	14,603	SH	SOLE	1	14,603	0	0
CENTRUS ENERGY CORP CLASS A	CL A	15643U104	165,508	5,140	SH	SOLE	1	5,140	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	283,120	28,312	SH	SOLE	1	28,312	0	0
CENTURY CASINOS INC	COM	156492100	96,426	13,155	SH	SOLE	1	13,155	0	0
CENTURY COMMUNITIES INC	COM	156504300	985,327	15,415	SH	SOLE	1	15,415	0	0

CENTURY THERAPEUTICS INC	COM	15673T100	33,725	9,719	SH	SOLE	1	9,719	0	0
CEPTON INC	COM	15673X101	10,583	22,789	SH	SOLE	1	22,789	0	0
CERBERUS CYBER SENTINEL CORP	COM	15672X102	9,334	27,614	SH	SOLE	1	27,614	0	0
CERENCE INC	COM	156727109	618,738	22,027	SH	SOLE	1	22,027	0	0
CEREVEL THERAPEUTICS HOLDING	COM	15678U128	674,359	27,649	SH	SOLE	1	27,649	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	3,054,519	41,717	SH	SOLE	1	41,717	0	0
CERTARA INC	COM	15687V109	197,702	8,200	SH	SOLE	1	8,200	0	0
CERUS CORP	COM	157085101	247,377	83,292	SH	SOLE	1	83,292	0	0
CEVA INC	COM	157210105	380,253	12,496	SH	SOLE	1	12,496	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	4,480,462	61,808	SH	SOLE	1	61,808	0	0
CHAMPIONX CORP	COM	15872M104	10,883,688	401,168	SH	SOLE	1	401,168	0	0
CHARGE ENTERPRISES INC	COM	159610104	69,062	62,784	SH	SOLE	1	62,784	0	0
CHARGEPOINT HOLDINGS INC	CL A	15961R105	39,420	3,765	SH	SOLE	1	3,765	0	0
CHARLES RIVER LABORATORIES	COM	159864107	2,832,140	14,033	SH	SOLE	1	14,033	0	0
CHART INDUSTRIES INC	COM	16115Q308	10,763,834	85,836	SH	SOLE	1	85,836	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	14,002,577	39,156	SH	SOLE	1	39,156	0	0
CHASE CORP	COM	16150R104	381,636	3,644	SH	SOLE	1	3,644	0	0
CHATHAM LODGING TRUST	COM	16208T102	275,121	26,227	SH	SOLE	1	26,227	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	2,841,410	21,857	SH	SOLE	1	21,857	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	926,126	26,423	SH	SOLE	1	26,423	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	633,841	18,615	SH	SOLE	1	18,615	0	0
CHEGG INC	COM	163092109	978,685	60,042	SH	SOLE	1	60,042	0	0
CHEMED CORP	COM	16359R103	12,350,504	22,967	SH	SOLE	1	22,967	0	0
CHEMOURS CO/THE	COM	163851108	6,865,152	229,297	SH	SOLE	1	229,297	0	0
CHENIERE ENERGY INC	COM	16411R208	503,532	3,195	SH	SOLE	1	3,195	0	0
CHESAPEAKE ENERGY CORP	COM	165167735	92,693	1,219	SH	SOLE	1	1,219	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	1,219,361	9,527	SH	SOLE	1	9,527	0	0
CHEVRON CORP	COM	166764100	85,642,031	524,896	SH	SOLE	1	524,896	0	0
CHICAGO ATLANTIC REAL ESTATE	COM	167239102	35,491	2,627	SH	SOLE	1	2,627	0	0
CHICO S FAS INC	COM	168615102	368,599	67,018	SH	SOLE	1	67,018	0	0
CHILDREN S PLACE INC/THE	COM	168905107	262,068	6,511	SH	SOLE	1	6,511	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	633,067	112,246	SH	SOLE	1	112,246	0	0
CHIMERIX INC	COM	16934W106	51,201	40,636	SH	SOLE	1	40,636	0	0
CHINOOK THERAPEUTICS INC	COM	16961L106	566,411	24,467	SH	SOLE	1	24,467	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	13,133,334	7,688	SH	SOLE	1	7,688	0	0

CHOICE HOTELS INTL INC	COM	169905106	5,034,834	42,963	SH	SOLE	1	42,963	0	0
CHORD ENERGY CORP	COM	674215207	11,284,056	83,834	SH	SOLE	1	83,834	0	0
CHUBB LTD	COM	H1467J104	27,796,867	143,150	SH	SOLE	1	143,150	0	0
CHURCH DWIGHT CO INC	COM	171340102	6,546,230	74,044	SH	SOLE	1	74,044	0	0
CHURCHILL DOWNS INC	COM	171484108	13,105,951	50,986	SH	SOLE	1	50,986	0	0
CHUY S HOLDINGS INC	COM	171604101	350,864	9,787	SH	SOLE	1	9,787	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	19,019	2,325	SH	SOLE	1	2,325	0	0
CIENA CORP	COM	171779309	12,026,660	228,992	SH	SOLE	1	228,992	0	0
CIMPRESS PLC	SHS EURO	G2143T103	373,040	8,513	SH	SOLE	1	8,513	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	4,777,634	42,627	SH	SOLE	1	42,627	0	0
CINEMARK HOLDINGS INC	COM	17243V102	878,334	59,387	SH	SOLE	1	59,387	0	0
CINTAS CORP	COM	172908105	15,523,377	33,551	SH	SOLE	1	33,551	0	0
CIPHER MINING INC	COM	17253J106	43,939	18,858	SH	SOLE	1	18,858	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	317,642	10,207	SH	SOLE	1	10,207	0	0
CIRRUS LOGIC INC	COM	172755100	9,325,301	85,256	SH	SOLE	1	85,256	0	0
CISCO SYSTEMS INC	COM	17275R102	75,705,439	1,448,215	SH	SOLE	1	1,448,215	0	0
CITI TRENDS INC	COM	17306X102	74,406	3,912	SH	SOLE	1	3,912	0	0
CITIGROUP INC	COM	172967424	23,738,109	506,251	SH	SOLE	1	506,251	0	0
CITIZENS NORTHERN CORP	COM	172922106	155,646	7,280	SH	SOLE	1	7,280	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	4,058,677	133,641	SH	SOLE	1	133,641	0	0
CITY HOLDING CO	COM	177835105	731,130	8,045	SH	SOLE	1	8,045	0	0
CITY OFFICE REIT INC	COM	178587101	129,665	18,792	SH	SOLE	1	18,792	0	0
CIVISTA BANCSHARES INC	COM	178867107	125,250	7,420	SH	SOLE	1	7,420	0	0
CIVITAS RESOURCES INC	COM	17888H103	2,657,264	38,883	SH	SOLE	1	38,883	0	0
CLARIVATE PLC	ORD SHS	G21810109	44,603	4,750	SH	SOLE	1	4,750	0	0
CLAROS MORTGAGE TRUST INC	COM	18270D106	517,283	44,402	SH	SOLE	1	44,402	0	0
CLARUS CORP	COM	18270P109	131,582	13,924	SH	SOLE	1	13,924	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	356,757	81,825	SH	SOLE	1	81,825	0	0
CLEAN HARBORS INC	COM	184496107	11,062,941	77,602	SH	SOLE	1	77,602	0	0
CLEANSARK INC	COM	18452B209	97,792	35,177	SH	SOLE	1	35,177	0	0
CLEAR CHANNEL OUTDOOR HOLDIN	COM	18453H106	213,612	178,010	SH	SOLE	1	178,010	0	0
CLEAR SECURE INC CLASS A	CL A	18467V109	815,300	31,154	SH	SOLE	1	31,154	0	0
CLEARFIELD INC	COM	18482P103	324,476	6,966	SH	SOLE	1	6,966	0	0
CLEARWATER PAPER CORP	COM	18538R103	305,191	9,132	SH	SOLE	1	9,132	0	0
CLEARWAY ENERGY INC A	COM	18539C105	504,744	16,808	SH	SOLE	1	16,808	0	0
CLEARWAY ENERGY INC C	COM	18539C204	1,240,511	39,595	SH	SOLE	1	39,595	0	0
CLEVELAND CLIFFS INC	COM	185899101	14,573,468	795,061	SH	SOLE	1	795,061	0	0
CLIPPER REALTY INC	COM	18885T306	33,166	5,778	SH	SOLE	1	5,778	0	0
CLOROX COMPANY	COM	189054109	5,650,750	35,710	SH	SOLE	1	35,710	0	0

CLOUDFLARE INC CLASS A	COM	18915M107	259,465	4,208	SH	SOLE	1	4,208	0	0
CLOVER HEALTH INVESTMENTS CO	CL A	18914F103	157,568	186,449	SH	SOLE	1	186,449	0	0
CME GROUP INC	COM	12572Q105	21,887,863	114,285	SH	SOLE	1	114,285	0	0
CMS ENERGY CORP	COM	125896100	4,851,721	79,044	SH	SOLE	1	79,044	0	0
CNA FINANCIAL CORP	COM	126117100	10,694	274	SH	SOLE	1	274	0	0
CNB FINANCIAL CORP/PA	COM	126128107	186,989	9,739	SH	SOLE	1	9,739	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	5,105,320	230,073	SH	SOLE	1	230,073	0	0
CNX RESOURCES CORP	COM	12653C108	5,478,087	341,953	SH	SOLE	1	341,953	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	184,479	5,123	SH	SOLE	1	5,123	0	0
COCA COLA CO/THE	COM	191216100	63,442,485	1,022,771	SH	SOLE	1	1,022,771	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	4,988,551	9,323	SH	SOLE	1	9,323	0	0
COCA COLA EUROPACIFIC PARTNE	COM	G25839104	3,522,811	59,517	SH	SOLE	1	59,517	0	0
CODEXIS INC	COM	192005106	122,316	29,545	SH	SOLE	1	29,545	0	0
COEUR MINING INC	COM	192108504	536,551	134,474	SH	SOLE	1	134,474	0	0
COGENT BIOSCIENCES INC	COM	19240Q201	333,379	30,897	SH	SOLE	1	30,897	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,495,317	23,467	SH	SOLE	1	23,467	0	0
COGNEX CORP	COM	192422103	13,260,373	267,616	SH	SOLE	1	267,616	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	11,393,301	186,990	SH	SOLE	1	186,990	0	0
COHEN STEERS INC	COM	19247A100	784,214	12,261	SH	SOLE	1	12,261	0	0
COHERENT CORP	COM	19247G107	8,160,658	214,303	SH	SOLE	1	214,303	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	271,090	39,633	SH	SOLE	1	39,633	0	0
COHU INC	COM	192576106	987,506	25,723	SH	SOLE	1	25,723	0	0
COINBASE GLOBAL INC CLASS A	CL A	19260Q107	108,585	1,607	SH	SOLE	1	1,607	0	0
COLGATE PALMOLIVE CO	COM	194162103	16,480,320	219,299	SH	SOLE	1	219,299	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	440,217	18,350	SH	SOLE	1	18,350	0	0
COLONY BANKCORP	COM	19623P101	80,570	7,899	SH	SOLE	1	7,899	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	6,873,207	320,878	SH	SOLE	1	320,878	0	0
COLUMBIA FINANCIAL INC	COM	197641103	296,264	16,207	SH	SOLE	1	16,207	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	4,930,262	54,635	SH	SOLE	1	54,635	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	502,552	13,524	SH	SOLE	1	13,524	0	0
COMCAST CORP CLASS A	COM	20030N101	56,590,759	1,492,766	SH	SOLE	1	1,492,766	0	0
COMERICA INC	COM	200340107	1,543,451	35,547	SH	SOLE	1	35,547	0	0
COMFORT SYSTEMS USA INC	COM	199908104	2,827,683	19,373	SH	SOLE	1	19,373	0	0
COMMERCE BANCSHARES INC	COM	200525103	10,241,125	175,512	SH	SOLE	1	175,512	0	0
COMMERCIAL METALS CO	COM	201723103	11,538,493	235,961	SH	SOLE	1	235,961	0	0

COMMSCOPE HOLDING CO INC	COM	20337X109	630,624	98,999	SH	SOLE	1	98,999	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	1,531,396	29,175	SH	SOLE	1	29,175	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	334,611	68,288	SH	SOLE	1	68,288	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	473,348	12,933	SH	SOLE	1	12,933	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	287,282	7,570	SH	SOLE	1	7,570	0	0
COMMVAULT SYSTEMS INC	COM	204166102	5,094,458	89,786	SH	SOLE	1	89,786	0	0
COMPASS DIVERSIFIED HOLDINGS	SH BEN INT	20451Q104	570,282	29,889	SH	SOLE	1	29,889	0	0
COMPASS INC CLASS A	CL A	20464U100	432,358	133,857	SH	SOLE	1	133,857	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	641,669	18,713	SH	SOLE	1	18,713	0	0
COMPOSECURE INC	CL A	20459V105	29,013	3,942	SH	SOLE	1	3,942	0	0
COMPUTER PROGRAMS SYSTEMS	COM	205306103	231,513	7,666	SH	SOLE	1	7,666	0	0
COMPX INTERNATIONAL INC	COM	20563P101	13,867	767	SH	SOLE	1	767	0	0
COMSTOCK RESOURCES INC	COM	205768302	539,975	50,044	SH	SOLE	1	50,044	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	177,803	14,247	SH	SOLE	1	14,247	0	0
CONAGRA BRANDS INC	COM	205887102	4,857,109	129,316	SH	SOLE	1	129,316	0	0
CONCENTRIX CORP	COM	20602D101	8,007,471	65,878	SH	SOLE	1	65,878	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	84,136	12,373	SH	SOLE	1	12,373	0	0
CONDUENT INC	COM	206787103	281,068	81,944	SH	SOLE	1	81,944	0	0
CONFLUENT INC CLASS A	CL A	20717M103	44,481	1,848	SH	SOLE	1	1,848	0	0
CONMED CORP	COM	207410101	1,659,683	15,980	SH	SOLE	1	15,980	0	0
CONN S INC	COM	208242107	38,166	6,298	SH	SOLE	1	6,298	0	0
CONNECTONE BANCORP INC	COM	20786W107	316,755	17,916	SH	SOLE	1	17,916	0	0
CONOCOPHILLIPS	COM	20825C104	31,998,697	322,535	SH	SOLE	1	322,535	0	0
CONSENSUS CLOUD SOLUTION	COM	20848V105	347,343	10,189	SH	SOLE	1	10,189	0	0
CONSOL ENERGY INC	COM	20854L108	1,085,861	18,635	SH	SOLE	1	18,635	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	104,565	40,529	SH	SOLE	1	40,529	0	0
CONSOLIDATED EDISON INC	COM	209115104	12,454,512	130,182	SH	SOLE	1	130,182	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	9,630,368	42,633	SH	SOLE	1	42,633	0	0
CONSTELLATION ENERGY	COM	21037T109	8,350,438	106,375	SH	SOLE	1	106,375	0	0
CONSTELLIUM SE	CL A	F21107101	932,340	61,017	SH	SOLE	1	61,017	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	518,676	19,253	SH	SOLE	1	19,253	0	0
CONSUMER PORTFOLIO SERVICES	COM	210502100	47,731	4,465	SH	SOLE	1	4,465	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	53,776	15,678	SH	SOLE	1	15,678	0	0
CONTEXTLOGIC INC A	CL A	21077C107	124,503	279,279	SH	SOLE	1	279,279	0	0
COOPER COS INC/THE	COM	216648402	4,999,290	13,390	SH	SOLE	1	13,390	0	0

COPA HOLDINGS SA CLASS A	COM	P31076105	26,412	286	SH	SOLE	1	286	0	0
COPART INC	COM	217204106	11,303,837	150,297	SH	SOLE	1	150,297	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	1,034,460	47,759	SH	SOLE	1	47,759	0	0
CORE MAIN INC CLASS A	CL A	21874C102	19,820	858	SH	SOLE	1	858	0	0
CORE LABORATORIES N.V.	COM	N22717107	65,070	2,951	SH	SOLE	1	2,951	0	0
COREBRIDGE FINANCIAL INC	COM	21871X109	12,928	807	SH	SOLE	1	807	0	0
CORECIVIC INC	COM	21871N101	573,868	62,377	SH	SOLE	1	62,377	0	0
CORNING INC	COM	219350105	7,924,135	224,607	SH	SOLE	1	224,607	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	5,375,531	226,720	SH	SOLE	1	226,720	0	0
CORSAIR GAMING INC	COM	22041X102	404,177	22,026	SH	SOLE	1	22,026	0	0
CORTEVA INC	COM	22052L104	11,735,301	194,583	SH	SOLE	1	194,583	0	0
CORVEL CORP	COM	221006109	911,822	4,792	SH	SOLE	1	4,792	0	0
COSTAMARE INC	COM	Y1771G102	239,946	25,499	SH	SOLE	1	25,499	0	0
COSTAR GROUP INC	COM	22160N109	10,302,026	149,630	SH	SOLE	1	149,630	0	0
COSTCO WHOLESALE CORP	COM	22160K105	69,812,719	140,505	SH	SOLE	1	140,505	0	0
COTERRA ENERGY INC	COM	127097103	5,715,734	232,915	SH	SOLE	1	232,915	0	0
COTY INC CL A	CL A	222070203	6,820,292	565,530	SH	SOLE	1	565,530	0	0
COUCHBASE INC	COM	22207T101	191,989	13,655	SH	SOLE	1	13,655	0	0
COURSERA INC	COM	22266M104	634,499	55,078	SH	SOLE	1	55,078	0	0
COUSINS PROPERTIES INC	COM	222795502	4,998,751	233,805	SH	SOLE	1	233,805	0	0
COVENANT LOGISTICS GROUP INC	CL A	22284P105	159,071	4,491	SH	SOLE	1	4,491	0	0
CRA INTERNATIONAL INC	COM	12618T105	361,520	3,353	SH	SOLE	1	3,353	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	1,373,538	12,091	SH	SOLE	1	12,091	0	0
CRANE NXT CO	COM	224441105	8,356,892	73,629	SH	SOLE	1	73,629	0	0
CRAWFORD COMPANY CL A	CL A	224633206	62,391	7,463	SH	SOLE	1	7,463	0	0
CREDICORP LTD	COM	G2519Y108	120,078	907	SH	SOLE	1	907	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	30,523	70	SH	SOLE	1	70	0	0
CREDO TECHNOLOGY GROUP HOLDI	ORD SHS	G25457105	444,257	47,161	SH	SOLE	1	47,161	0	0
CRESCENT ENERGY INC A	CL A	44952J104	213,804	18,904	SH	SOLE	1	18,904	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	407,908	25,399	SH	SOLE	1	25,399	0	0
CROCS INC	COM	227046109	15,670,847	123,939	SH	SOLE	1	123,939	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	434,883	19,484	SH	SOLE	1	19,484	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	225,739	21,540	SH	SOLE	1	21,540	0	0
CROWDSTRIKE HOLDINGS INC A	CL A	22788C105	2,053,135	14,958	SH	SOLE	1	14,958	0	0
CROWN CASTLE INC	COM	22822V101	16,909,346	126,340	SH	SOLE	1	126,340	0	0
CROWN HOLDINGS INC	COM	228368106	136,223	1,647	SH	SOLE	1	1,647	0	0
CRYOPORT INC	COM	229050307	511,968	21,332	SH	SOLE	1	21,332	0	0
CRYPTYDE INC	COM	22890A104	2,649	31,844	SH	SOLE	1	31,844	0	0

CS DISCO INC	COM	126327105	72,250	10,881	SH	SOLE	1	10,881	0	0
CSG SYSTEMS INTL INC	COM	126349109	908,121	16,911	SH	SOLE	1	16,911	0	0
CSW INDUSTRIALS INC	COM	126402106	980,429	7,057	SH	SOLE	1	7,057	0	0
CSX CORP	COM	126408103	19,843,034	662,760	SH	SOLE	1	662,760	0	0
CTI BIOPHARMA CORP	COM	12648L601	202,973	48,327	SH	SOLE	1	48,327	0	0
CTO REALTY GROWTH INC	COM	22948Q101	183,543	10,634	SH	SOLE	1	10,634	0	0
CTS CORP	COM	126501105	856,697	17,321	SH	SOLE	1	17,321	0	0
CUBESMART	COM	229663109	16,015,507	346,506	SH	SOLE	1	346,506	0	0
CUE HEALTH INC	COM	229790100	95,643	52,551	SH	SOLE	1	52,551	0	0
CULLEN/FROST BANKERS INC	COM	229899109	10,454,574	99,246	SH	SOLE	1	99,246	0	0
CULLINAN ONCOLOGY INC	COM	230031106	129,277	12,637	SH	SOLE	1	12,637	0	0
CULLINAN ONCOLOGY INC	COM	230031106	12,518,574	1,223,712	SH	SOLE	2	1,223,712	0	0
CUMMINS INC	COM	231021106	10,555,391	44,187	SH	SOLE	1	44,187	0	0
CUMULUS MEDIA INC CL A	CL A	231082801	31,044	8,413	SH	SOLE	1	8,413	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	18,348	10,606	SH	SOLE	1	10,606	0	0
CURTISS WRIGHT CORP	COM	231561101	10,418,376	59,108	SH	SOLE	1	59,108	0	0
CUSHMAN WAKEFIELD PLC	COM	G2717B108	917,222	87,023	SH	SOLE	1	87,023	0	0
CUSTOM TRUCK ONE SOURCE INC	CL A	23204X103	195,545	28,799	SH	SOLE	1	28,799	0	0
CUSTOMERS BANCORP INC	COM	23204G100	308,525	16,659	SH	SOLE	1	16,659	0	0
CUTERA INC	COM	232109108	215,863	9,139	SH	SOLE	1	9,139	0	0
CVB FINANCIAL CORP	COM	126600105	1,212,286	72,679	SH	SOLE	1	72,679	0	0
CVENT HOLDING CORP	COM	126677103	185,224	22,156	SH	SOLE	1	22,156	0	0
CVR ENERGY INC	COM	12662P108	528,381	16,119	SH	SOLE	1	16,119	0	0
CVS HEALTH CORP	COM	126650100	24,941,408	335,640	SH	SOLE	1	335,640	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	1,108,222	7,489	SH	SOLE	1	7,489	0	0
CYTEK BIOSCIENCES INC	COM	23285D109	506,470	55,111	SH	SOLE	1	55,111	0	0
CYTOKINETICS INC	COM	23282W605	1,605,227	45,616	SH	SOLE	1	45,616	0	0
CYXTERA TECHNOLOGIES INC	CL A	23284C102	5,439	17,808	SH	SOLE	1	17,808	0	0
DAILY JOURNAL CORP	COM	233912104	166,417	584	SH	SOLE	1	584	0	0
DAKOTA GOLD CORP	COM	46655E100	91,267	25,212	SH	SOLE	1	25,212	0	0
DANA INC	COM	235825205	3,881,290	257,893	SH	SOLE	1	257,893	0	0
DANAHER CORP	COM	235851102	50,647,438	200,950	SH	SOLE	1	200,950	0	0
DANIMER SCIENTIFIC INC	CL A	236272100	150,889	43,736	SH	SOLE	1	43,736	0	0
DAQO NEW ENERGY CORP ADR	SPNSRD ADS	23703Q203	35,130	750	SH	SOLE	1	750	0	0
DARDEN RESTAURANTS INC	COM	237194105	5,603,138	36,112	SH	SOLE	1	36,112	0	0
DARLING INGREDIENTS INC	COM	237266101	14,445,006	247,346	SH	SOLE	1	247,346	0	0
DASEKE INC	COM	23753F107	150,341	19,449	SH	SOLE	1	19,449	0	0
DATADOG INC CLASS A	COM	23804L103	1,437,433	19,783	SH	SOLE	1	19,783	0	0
DAVE BUSTER S ENTERTAINMEN	COM	238337109	860,445	23,388	SH	SOLE	1	23,388	0	0

DAVITA INC	COM	23918K108	1,232,142	15,191	SH	SOLE	1	15,191	0	0
DAY ONE BIOPHARMACEUTICALS I	COM	23954D109	178,677	13,364	SH	SOLE	1	13,364	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	385,277	24,937	SH	SOLE	1	24,937	0	0
DECKERS OUTDOOR CORP	COM	243537107	18,334,447	40,784	SH	SOLE	1	40,784	0	0
DEERE CO	COM	244199105	33,214,132	80,445	SH	SOLE	1	80,445	0	0
DEFINITIVE HEALTHCARE CORP	CL A	24477E103	4,432	429	SH	SOLE	1	429	0	0
DELEK US HOLDINGS INC	COM	24665A103	769,215	33,517	SH	SOLE	1	33,517	0	0
DELL TECHNOLOGIES C	CL C	24703L202	102,616	2,552	SH	SOLE	1	2,552	0	0
DELTA AIR LINES INC	COM	247361702	9,592,035	274,686	SH	SOLE	1	274,686	0	0
DELUXE CORP	COM	248019101	377,952	23,622	SH	SOLE	1	23,622	0	0
DENALI THERAPEUTICS INC	COM	24823R105	1,210,291	52,530	SH	SOLE	1	52,530	0	0
DENBURY INC	COM	24790A101	2,119,945	24,192	SH	SOLE	1	24,192	0	0
DENNY S CORP	COM	24869P104	300,003	26,882	SH	SOLE	1	26,882	0	0
DENTSPLY SIRONA INC	COM	24906P109	2,291,202	58,330	SH	SOLE	1	58,330	0	0
DESIGN THERAPEUTICS INC	COM	25056L103	94,357	16,353	SH	SOLE	1	16,353	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	239,022	27,348	SH	SOLE	1	27,348	0	0
DESKTOP METAL INC A	CL A	25058X105	297,592	129,388	SH	SOLE	1	129,388	0	0
DESTINATION XL GROUP INC	COM	25065K104	154,407	28,023	SH	SOLE	1	28,023	0	0
DEVON ENERGY CORP	COM	25179M103	10,790,305	213,205	SH	SOLE	1	213,205	0	0
DEXCOM INC	COM	252131107	16,145,418	138,969	SH	SOLE	1	138,969	0	0
DHI GROUP INC	COM	23331S100	79,528	20,497	SH	SOLE	1	20,497	0	0
DHT HOLDINGS INC	COM	Y2065G121	714,660	66,111	SH	SOLE	1	66,111	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	228,108	1,386	SH	SOLE	1	1,386	0	0
DIAMOND OFFSHORE DRILLING IN	COM	25271C201	588,046	48,841	SH	SOLE	1	48,841	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	8,842,416	65,417	SH	SOLE	1	65,417	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	930,893	114,501	SH	SOLE	1	114,501	0	0
DICE THERAPEUTICS INC	COM	23345J104	489,371	17,081	SH	SOLE	1	17,081	0	0
DICK S SPORTING GOODS INC	COM	253393102	13,091,623	92,266	SH	SOLE	1	92,266	0	0
DIEBOLD NIXDORF INC	COM	253651103	42,318	35,265	SH	SOLE	1	35,265	0	0
DIGI INTERNATIONAL INC	COM	253798102	642,244	19,069	SH	SOLE	1	19,069	0	0
DIGIMARC CORP	COM	25381B101	129,670	6,599	SH	SOLE	1	6,599	0	0
DIGITAL REALTY TRUST INC	COM	253868103	7,468,119	75,965	SH	SOLE	1	75,965	0	0
DIGITAL TURBINE INC	COM	25400W102	630,805	51,036	SH	SOLE	1	51,036	0	0
DIGITALBRIDGE GROUP INC	CL A	25401T603	914,190	76,246	SH	SOLE	1	76,246	0	0
DIGITALOCEAN HOLDINGS INC	COM	25402D102	1,318,658	33,665	SH	SOLE	1	33,665	0	0
DILLARDS INC CL A	CL A	254067101	590,746	1,920	SH	SOLE	1	1,920	0	0
DIME COMMUNITY	COM	25432X102	404,348	17,797	SH	SOLE	1	17,797	0	0

BANCSHARES IN

DINE BRANDS GLOBAL INC	COM	254423106	549,710	8,127	SH	SOLE	1	8,127	0	0
DIODES INC	COM	254543101	2,260,283	24,367	SH	SOLE	1	24,367	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	7,196,343	72,808	SH	SOLE	1	72,808	0	0
DISH NETWORK CORP A	COM	25470M109	636,493	68,220	SH	SOLE	1	68,220	0	0
DISTRIBUTION SOLUTIONS GROUP	COM	520776105	107,922	2,374	SH	SOLE	1	2,374	0	0
DIVERSEY HOLDINGS LTD	ORD SHS	G28923103	305,155	37,720	SH	SOLE	1	37,720	0	0
DIVERSIFIED HEALTHCARE TRUST	COM SH BEN INT	25525P107	154,992	114,809	SH	SOLE	1	114,809	0	0
DMC GLOBAL INC	COM	23291C103	224,907	10,237	SH	SOLE	1	10,237	0	0
DOCGO INC	COM	256086109	344,495	39,826	SH	SOLE	1	39,826	0	0
DOCUSIGN INC	COM	256163106	171,344	2,939	SH	SOLE	1	2,939	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	50,910	596	SH	SOLE	1	596	0	0
DOLLAR GENERAL CORP	COM	256677105	14,573,934	69,248	SH	SOLE	1	69,248	0	0
DOLLAR TREE INC	COM	256746108	11,033,971	76,865	SH	SOLE	1	76,865	0	0
DOMA HOLDINGS INC	COM	25703A104	27,316	67,032	SH	SOLE	1	67,032	0	0
DOMINION ENERGY INC	COM	25746U109	12,177,142	217,799	SH	SOLE	1	217,799	0	0
DOMINO S PIZZA INC	COM	25754A201	3,498,601	10,606	SH	SOLE	1	10,606	0	0
DOMO INC CLASS B	COM	257554105	211,828	14,928	SH	SOLE	1	14,928	0	0
DONALDSON CO INC	COM	257651109	12,274,576	187,857	SH	SOLE	1	187,857	0	0
DONEGAL GROUP INC CL A	CL A	257701201	114,753	7,510	SH	SOLE	1	7,510	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	564,563	13,817	SH	SOLE	1	13,817	0	0
DOORDASH INC A	CL A	25809K105	227,545	3,580	SH	SOLE	1	3,580	0	0
DORIAN LPG LTD	COM	Y2106R110	335,790	16,840	SH	SOLE	1	16,840	0	0
DORMAN PRODUCTS INC	COM	258278100	1,251,633	14,510	SH	SOLE	1	14,510	0	0
DOUBLEVERIFY HOLDINGS INC	COM	25862V105	203,603	6,753	SH	SOLE	1	6,753	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	346,134	10,854	SH	SOLE	1	10,854	0	0
DOUGLAS ELLIMAN INC	COM	25961D105	126,733	40,750	SH	SOLE	1	40,750	0	0
DOUGLAS EMMETT INC	COM	25960P109	3,343,551	271,172	SH	SOLE	1	271,172	0	0
DOVER CORP	COM	260003108	5,762,628	37,927	SH	SOLE	1	37,927	0	0
DOW INC	COM	260557103	10,100,092	184,241	SH	SOLE	1	184,241	0	0
DOXIMITY INC CLASS A	CL A	26622P107	44,555	1,376	SH	SOLE	1	1,376	0	0
DR HORTON INC	COM	23331A109	8,400,070	85,987	SH	SOLE	1	85,987	0	0
DRAFTKINGS INC CL A	CL A	26142V105	101,930	5,265	SH	SOLE	1	5,265	0	0
DREAM FINDERS HOMES INC A	CL A	26154D100	134,011	10,114	SH	SOLE	1	10,114	0	0
DRIL QUIP INC	COM	262037104	525,601	18,320	SH	SOLE	1	18,320	0	0
DRIVEN BRANDS HOLDINGS INC	COM	26210V102	19,520	644	SH	SOLE	1	644	0	0
DROPBOX INC CLASS A	COM	26210C104	84,383	3,903	SH	SOLE	1	3,903	0	0
DTE ENERGY COMPANY	COM	233331107	5,759,723	52,581	SH	SOLE	1	52,581	0	0
DTE MIDSTREAM LLC W/I	COM	23345M107	7,370,250	149,286	SH	SOLE	1	149,286	0	0
DUCKHORN PORTFOLIO	COM	26414D106	322,214	20,265	SH	SOLE	1	20,265	0	0

INC/THE										
DUCOMMUN INC	COM	264147109	292,206	5,341	SH	SOLE	1	5,341	0	0
DUKE ENERGY CORP	COM	26441C204	19,415,842	201,263	SH	SOLE	1	201,263	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	40,615	6,366	SH	SOLE	1	6,366	0	0
DUN BRADSTREET HOLDINGS IN	COM	26484T106	29,702	2,530	SH	SOLE	1	2,530	0	0
DUOLINGO	CL A	26603R106	1,655,755	11,612	SH	SOLE	1	11,612	0	0
DUPONT DE NEMOURS INC	COM	26614N102	8,925,317	124,360	SH	SOLE	1	124,360	0	0
DXC TECHNOLOGY CO	COM	23355L106	1,580,273	61,826	SH	SOLE	1	61,826	0	0
DXP ENTERPRISES INC	COM	233377407	224,728	8,348	SH	SOLE	1	8,348	0	0
DYCOM INDUSTRIES INC	COM	267475101	1,480,607	15,810	SH	SOLE	1	15,810	0	0
DYNATRACE INC	COM	268150109	14,193,342	335,540	SH	SOLE	1	335,540	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	639,641	65,203	SH	SOLE	1	65,203	0	0
DYNE THERAPEUTICS INC	COM	26818M108	176,129	15,289	SH	SOLE	1	15,289	0	0
DYNEX CAPITAL INC	COM	26817Q886	308,599	25,462	SH	SOLE	1	25,462	0	0
DZS INC	COM	268211109	76,801	9,734	SH	SOLE	1	9,734	0	0
E2OPEN PARENT HOLDINGS INC	CL A	29788T103	559,657	96,161	SH	SOLE	1	96,161	0	0
EAGLE BANCORP INC	COM	268948106	566,279	16,919	SH	SOLE	1	16,919	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A150	294,749	6,478	SH	SOLE	1	6,478	0	0
EAGLE MATERIALS INC	COM	26969P108	8,184,101	55,769	SH	SOLE	1	55,769	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	158,787	5,597	SH	SOLE	1	5,597	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	274,043	21,064	SH	SOLE	1	21,064	0	0
EAST WEST BANCORP INC	COM	27579R104	12,070,362	217,484	SH	SOLE	1	217,484	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	683,661	49,757	SH	SOLE	1	49,757	0	0
EASTERN BANKSHARES INC	COM	27627N105	938,486	74,365	SH	SOLE	1	74,365	0	0
EASTGROUP PROPERTIES INC	COM	277276101	11,111,488	67,212	SH	SOLE	1	67,212	0	0
EASTMAN CHEMICAL CO	COM	277432100	2,720,387	32,255	SH	SOLE	1	32,255	0	0
EASTMAN KODAK CO	COM	277461406	113,107	27,587	SH	SOLE	1	27,587	0	0
EATON CORP PLC	COM	G29183103	20,515,395	119,735	SH	SOLE	1	119,735	0	0
EBAY INC	COM	278642103	14,644,851	330,062	SH	SOLE	1	330,062	0	0
EBIX INC	COM	278715206	187,390	14,207	SH	SOLE	1	14,207	0	0
ECHOSTAR CORP A	COM	278768106	296,774	16,226	SH	SOLE	1	16,226	0	0
ECOLAB INC	COM	278865100	12,199,064	73,697	SH	SOLE	1	73,697	0	0
ECOVYST INC	COM	27923Q109	450,785	40,795	SH	SOLE	1	40,795	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	1,193,147	28,127	SH	SOLE	1	28,127	0	0
EDGEWISE THERAPEUTICS INC	COM	28036F105	122,021	18,294	SH	SOLE	1	18,294	0	0
EDGIO INC	COM	53261M104	52,430	66,275	SH	SOLE	1	66,275	0	0
EDISON INTERNATIONAL	COM	281020107	7,312,983	103,598	SH	SOLE	1	103,598	0	0

EDITAS MEDICINE INC	COM	28106W103	241,737	33,343	SH	SOLE	1	33,343	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	15,668,235	189,390	SH	SOLE	1	189,390	0	0
EGAIN CORP	COM	28225C806	77,243	10,177	SH	SOLE	1	10,177	0	0
EHEALTH INC	COM	28238P109	111,805	11,945	SH	SOLE	1	11,945	0	0
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	18,044	20,118	SH	SOLE	1	20,118	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	102,201	10,657	SH	SOLE	1	10,657	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	42,121	4,481	SH	SOLE	1	4,481	0	0
ELASTIC NV	COM	N14506104	66,643	1,151	SH	SOLE	1	1,151	0	0
ELECTRONIC ARTS INC	COM	285512109	12,094,625	100,412	SH	SOLE	1	100,412	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	43,814	2,269	SH	SOLE	1	2,269	0	0
ELEVANCE HEALTH INC	COM	036752103	34,553,802	75,148	SH	SOLE	1	75,148	0	0
ELF BEAUTY INC	COM	26856L103	2,218,509	26,940	SH	SOLE	1	26,940	0	0
ELI LILLY CO	COM	532457108	82,000,797	238,777	SH	SOLE	1	238,777	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	422,551	34,607	SH	SOLE	1	34,607	0	0
ELME COMMUNITIES	COM	939653101	852,601	47,738	SH	SOLE	1	47,738	0	0
EMBECTA CORP	COM	29082K105	883,755	31,428	SH	SOLE	1	31,428	0	0
EMCOR GROUP INC	COM	29084Q100	15,584,414	95,851	SH	SOLE	1	95,851	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	280,901	27,114	SH	SOLE	1	27,114	0	0
EMERSON ELECTRIC CO	COM	291011104	14,667,753	168,324	SH	SOLE	1	168,324	0	0
EMPIRE PETROLEUM CORP	COM	292034303	61,777	4,978	SH	SOLE	1	4,978	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	416,801	64,222	SH	SOLE	1	64,222	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	618,721	14,841	SH	SOLE	1	14,841	0	0
ENACT HOLDINGS INC	COM	29249E109	331,447	14,499	SH	SOLE	1	14,499	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	439,138	10,859	SH	SOLE	1	10,859	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	8,328,857	153,953	SH	SOLE	1	153,953	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	638,747	12,661	SH	SOLE	1	12,661	0	0
ENCORE WIRE CORP	COM	292562105	1,798,813	9,706	SH	SOLE	1	9,706	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	4,727,736	136,246	SH	SOLE	1	136,246	0	0
ENERGY FUELS INC	COM	292671708	420,235	75,311	SH	SOLE	1	75,311	0	0
ENERGY RECOVERY INC	COM	29270J100	612,300	26,564	SH	SOLE	1	26,564	0	0
ENERGY VAULT HOLDINGS INC	COM	29280W109	84,686	39,573	SH	SOLE	1	39,573	0	0
ENERPAC TOOL GROUP CORP	CL A	292765104	795,779	31,207	SH	SOLE	1	31,207	0	0
ENERSYS	COM	29275Y102	7,151,440	82,314	SH	SOLE	1	82,314	0	0
ENETI INC	COM	Y2294C107	99,923	10,687	SH	SOLE	1	10,687	0	0
ENFUSION INC CLASS A	CL A	292812104	135,765	12,930	SH	SOLE	1	12,930	0	0
ENGAGESMART INC	COM	29283F103	329,964	17,141	SH	SOLE	1	17,141	0	0
ENHABIT INC	COM	29332G102	50,521	3,632	SH	SOLE	1	3,632	0	0
ENNIS INC	COM	293389102	258,711	12,267	SH	SOLE	1	12,267	0	0

ENOCHIAN BIOSCIENCES INC	COM	29350E104	8,727	9,537	SH	SOLE	1	9,537	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	747,490	16,824	SH	SOLE	1	16,824	0	0
ENOVIS CORP	COM	194014502	3,934,457	73,555	SH	SOLE	1	73,555	0	0
ENOVIX CORP	COM	293594107	782,894	52,508	SH	SOLE	1	52,508	0	0
ENPHASE ENERGY INC	COM	29355A107	10,167,459	48,352	SH	SOLE	1	48,352	0	0
ENPRO INDUSTRIES INC	COM	29355X107	1,180,502	11,363	SH	SOLE	1	11,363	0	0
ENSIGN GROUP INC/THE	COM	29358P101	2,821,201	29,529	SH	SOLE	1	29,529	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,257,461	5,425	SH	SOLE	1	5,425	0	0
ENTEGRIS INC	COM	29362U104	181,078	2,208	SH	SOLE	1	2,208	0	0
ENERGY CORP	COM	29364G103	5,950,265	55,228	SH	SOLE	1	55,228	0	0
ENTERPRISE BANCORP INC	COM	293668109	141,696	4,504	SH	SOLE	1	4,504	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	759,234	17,027	SH	SOLE	1	17,027	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	173,447	28,669	SH	SOLE	1	28,669	0	0
ENVESTNET INC	COM	29404K106	6,532,670	111,346	SH	SOLE	1	111,346	0	0
ENVISTA HOLDINGS CORP	COM	29415F104	10,294,034	251,811	SH	SOLE	1	251,811	0	0
ENVIVA INC	COM	29415B103	13,140	455	SH	SOLE	1	455	0	0
EOG RESOURCES INC	COM	26875P101	21,189,699	184,853	SH	SOLE	1	184,853	0	0
EPAM SYSTEMS INC	COM	29414B104	5,171,205	17,295	SH	SOLE	1	17,295	0	0
EPLUS INC	COM	294268107	711,129	14,501	SH	SOLE	1	14,501	0	0
EPR PROPERTIES	COM	26884U109	4,409,961	115,747	SH	SOLE	1	115,747	0	0
EQRX INC	COM	26886C107	188,229	97,025	SH	SOLE	1	97,025	0	0
EQT CORP	COM	26884L109	3,436,930	107,707	SH	SOLE	1	107,707	0	0
EQUIFAX INC	COM	294429105	6,828,609	33,665	SH	SOLE	1	33,665	0	0
EQUINIX INC	COM	29444U700	19,982,903	27,714	SH	SOLE	1	27,714	0	0
EQUITABLE HOLDINGS INC	COM	29452E101	94,197	3,710	SH	SOLE	1	3,710	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	4,981,649	861,877	SH	SOLE	1	861,877	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	176,853	7,257	SH	SOLE	1	7,257	0	0
EQUITY COMMONWEALTH	COM	294628102	1,047,698	50,589	SH	SOLE	1	50,589	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	155,205	2,312	SH	SOLE	1	2,312	0	0
EQUITY RESIDENTIAL	COM	29476L107	5,565,000	92,750	SH	SOLE	1	92,750	0	0
ERASCA INC	COM	29479A108	104,995	34,882	SH	SOLE	1	34,882	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	78,996	341	SH	SOLE	1	341	0	0
ERMENEGILDO ZEGNA HOLDITALIA	ORD SHS	N30577105	394,373	28,913	SH	SOLE	1	28,913	0	0
ESAB CORP	COM	29605J106	4,712,014	79,770	SH	SOLE	1	79,770	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,343,172	14,072	SH	SOLE	1	14,072	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	56,594	35,594	SH	SOLE	1	35,594	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	132,588	3,391	SH	SOLE	1	3,391	0	0
ESS TECH INC	COM	26916J106	54,117	38,933	SH	SOLE	1	38,933	0	0
ESSENT GROUP LTD	COM	G3198U102	8,648,277	215,937	SH	SOLE	1	215,937	0	0

ESSENTIAL PROPERTIES REALTY	COM	29670E107	1,910,095	76,865	SH	SOLE	1	76,865	0	0
ESSENTIAL UTILITIES INC	COM	29670G102	16,072,541	368,214	SH	SOLE	1	368,214	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	3,666,852	17,533	SH	SOLE	1	17,533	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	18,544,636	75,244	SH	SOLE	1	75,244	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	339,570	12,366	SH	SOLE	1	12,366	0	0
ETSY INC	COM	29786A106	6,355,384	57,086	SH	SOLE	1	57,086	0	0
EURONET WORLDWIDE INC	COM	298736109	8,154,041	72,869	SH	SOLE	1	72,869	0	0
EUROPEAN WAX CENTER INC A	COM	29882P106	223,592	11,768	SH	SOLE	1	11,768	0	0
EVENTBRITE INC CLASS A	COM	29975E109	323,595	37,715	SH	SOLE	1	37,715	0	0
EVERBRIDGE INC	COM	29978A104	669,582	19,313	SH	SOLE	1	19,313	0	0
EVERCOMMERCE INC	COM	29977X105	121,839	11,516	SH	SOLE	1	11,516	0	0
EVERCORE INC A	COM	29977A105	6,361,938	55,139	SH	SOLE	1	55,139	0	0
EVEREST RE GROUP LTD	COM	G3223R108	3,844,061	10,737	SH	SOLE	1	10,737	0	0
EVERGY INC	COM	30034W106	3,803,742	62,234	SH	SOLE	1	62,234	0	0
EVERI HOLDINGS INC	COM	30034T103	714,246	41,647	SH	SOLE	1	41,647	0	0
EVERQUOTE INC CLASS A	COM	30041R108	134,066	9,645	SH	SOLE	1	9,645	0	0
EVERSOURCE ENERGY	COM	30040W108	10,875,479	138,966	SH	SOLE	1	138,966	0	0
EVERTEC INC	COM	30040P103	1,134,574	33,617	SH	SOLE	1	33,617	0	0
EVGO INC	CL A	30052F100	255,520	32,801	SH	SOLE	1	32,801	0	0
EVOLENT HEALTH INC A	COM	30050B101	1,283,982	39,568	SH	SOLE	1	39,568	0	0
EVOLUS INC	COM	30052C107	144,598	17,092	SH	SOLE	1	17,092	0	0
EVOLV TECHNOLOGIES HOLDINGS	CL A	30049H102	126,582	40,571	SH	SOLE	1	40,571	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	2,823,350	56,785	SH	SOLE	1	56,785	0	0
EW SCRIPPS CO/THE A	COM	811054402	300,132	31,895	SH	SOLE	1	31,895	0	0
EXACT SCIENCES CORP	COM	30063P105	129,653	1,912	SH	SOLE	1	1,912	0	0
EXCELERATE ENERGY INC A	CL A	30069T101	198,242	8,954	SH	SOLE	1	8,954	0	0
EXELIXIS INC	COM	30161Q104	9,731,242	501,352	SH	SOLE	1	501,352	0	0
EXELON CORP	COM	30161N101	13,122,797	313,268	SH	SOLE	1	313,268	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	10,732,080	66,317	SH	SOLE	1	66,317	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	426,650	33,621	SH	SOLE	1	33,621	0	0
EXPEDIA GROUP INC	COM	30212P303	4,504,133	46,420	SH	SOLE	1	46,420	0	0
EXPEDITORS INTL WASH INC	COM	302130109	6,018,278	54,652	SH	SOLE	1	54,652	0	0
EXPONENT INC	COM	30214U102	10,185,327	102,170	SH	SOLE	1	102,170	0	0
EXPRESS INC	COM	30219E103	24,442	31,006	SH	SOLE	1	31,006	0	0
EXPRO GROUP HOLDINGS NV	COM	N3144W105	769,211	41,896	SH	SOLE	1	41,896	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	5,956,721	36,560	SH	SOLE	1	36,560	0	0
EXTREME NETWORKS INC	COM	30226D106	1,321,039	69,092	SH	SOLE	1	69,092	0	0
EXXON MOBIL CORP	COM	30231G102	119,009,612	1,085,260	SH	SOLE	1	1,085,260	0	0

EYEPOINT PHARMACEUTICALS INC	COM	30233G209	37,015	12,590	SH	SOLE	1	12,590	0	0
EZCORP INC CL A	CL A	302301106	232,234	27,004	SH	SOLE	1	27,004	0	0
FG ANNUITIES LIFE INC	COM	30190A104	3,280	181	SH	SOLE	1	181	0	0
F45 TRAINING HOLDINGS INC	COM	30322L101	20,806	17,936	SH	SOLE	1	17,936	0	0
F5 INC	COM	315616102	2,376,932	16,315	SH	SOLE	1	16,315	0	0
FABRINET	COM	G3323L100	2,392,183	20,143	SH	SOLE	1	20,143	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	5,172,436	12,461	SH	SOLE	1	12,461	0	0
FAIR ISAAC CORP	COM	303250104	4,911,100	6,989	SH	SOLE	1	6,989	0	0
FARADAY FUTURE INTELLIGENT E	COM	307359109	86,600	244,564	SH	SOLE	1	244,564	0	0
FARMERS MERCHANTS BANCO/OH	COM	30779N105	148,036	6,087	SH	SOLE	1	6,087	0	0
FARMERS NATL BANC CORP	COM	309627107	213,009	16,852	SH	SOLE	1	16,852	0	0
FARMLAND PARTNERS INC	COM	31154R109	257,838	24,097	SH	SOLE	1	24,097	0	0
FARO TECHNOLOGIES INC	COM	311642102	252,671	10,267	SH	SOLE	1	10,267	0	0
FASTENAL CO	COM	311900104	10,200,917	189,116	SH	SOLE	1	189,116	0	0
FASTLY INC CLASS A	CL A	31188V100	973,106	54,792	SH	SOLE	1	54,792	0	0
FATE THERAPEUTICS INC	COM	31189P102	228,678	40,119	SH	SOLE	1	40,119	0	0
FATHOM DIGITAL MANUFACTURING	CL A	31189Y103	7,558	13,917	SH	SOLE	1	13,917	0	0
FB FINANCIAL CORP	COM	30257X104	605,811	19,492	SH	SOLE	1	19,492	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	585,370	4,395	SH	SOLE	1	4,395	0	0
FEDERAL REALTY INVS TRUST	SH BEN INT	313745101	1,971,164	19,945	SH	SOLE	1	19,945	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,771,203	32,673	SH	SOLE	1	32,673	0	0
FEDERATED HERMES INC	CL B	314211103	6,855,792	170,797	SH	SOLE	1	170,797	0	0
FEDEX CORP	COM	31428X106	13,867,972	60,694	SH	SOLE	1	60,694	0	0
FIBROGEN INC	COM	31572Q808	787,639	42,210	SH	SOLE	1	42,210	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	91,307	2,614	SH	SOLE	1	2,614	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	10,131,241	186,476	SH	SOLE	1	186,476	0	0
FIFTH THIRD BANCORP	COM	316773100	5,322,459	199,792	SH	SOLE	1	199,792	0	0
FIGS INC CLASS A	CL A	30260D103	381,038	61,557	SH	SOLE	1	61,557	0	0
FINANCE OF AMERICA COS INC A	CL A	31738L107	23,473	18,930	SH	SOLE	1	18,930	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	140,570	7,291	SH	SOLE	1	7,291	0	0
FIRST ADVANTAGE CORP	COM	31846B108	395,626	28,340	SH	SOLE	1	28,340	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	8,890,906	159,736	SH	SOLE	1	159,736	0	0
FIRST BANCORP INC/ME	COM	31866P102	121,528	4,694	SH	SOLE	1	4,694	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,126,058	98,604	SH	SOLE	1	98,604	0	0
FIRST BANCORP/NC	COM	318910106	749,046	21,088	SH	SOLE	1	21,088	0	0
FIRST BANCSHARES INC/MS	COM	318916103	307,894	11,920	SH	SOLE	1	11,920	0	0

FIRST BANK/HAMILTON NJ	COM	31931U102	75,568	7,482	SH	SOLE	1	7,482	0	0
FIRST BUSEY CORP	COM	319383204	506,771	24,915	SH	SOLE	1	24,915	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	116,640	3,823	SH	SOLE	1	3,823	0	0
FIRST CITIZENS BCSHS CLA	CL A	31946M103	119,691	123	SH	SOLE	1	123	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	691,120	55,601	SH	SOLE	1	55,601	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	190,781	7,616	SH	SOLE	1	7,616	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,110,096	50,992	SH	SOLE	1	50,992	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	200,555	5,351	SH	SOLE	1	5,351	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	8,348,804	261,718	SH	SOLE	1	261,718	0	0
FIRST FOUNDATION INC	COM	32026V104	183,926	24,688	SH	SOLE	1	24,688	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	45,866	2,927	SH	SOLE	1	2,927	0	0
FIRST HAWAIIAN INC	COM	32051X108	192,787	9,345	SH	SOLE	1	9,345	0	0
FIRST HORIZON CORP	COM	320517105	14,720,169	827,906	SH	SOLE	1	827,906	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	10,846,256	203,877	SH	SOLE	1	203,877	0	0
FIRST INTERNET BANCORP	COM	320557101	68,248	4,099	SH	SOLE	1	4,099	0	0
FIRST INTERSTATE BANCYSYS A	COM	32055Y201	1,288,160	43,140	SH	SOLE	1	43,140	0	0
FIRST MERCHANTS CORP	COM	320817109	910,474	27,632	SH	SOLE	1	27,632	0	0
FIRST MID BANCSHARES INC	COM	320866106	244,844	8,995	SH	SOLE	1	8,995	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	141,035	10,447	SH	SOLE	1	10,447	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	861,574	61,585	SH	SOLE	1	61,585	0	0
FIRST SOLAR INC	COM	336433107	5,915,783	27,199	SH	SOLE	1	27,199	0	0
FIRST WATCH RESTAURANT GROUP	COM	33748L101	117,158	7,295	SH	SOLE	1	7,295	0	0
FIRST WESTERN FINANCIAL INC	COM	33751L105	75,458	3,811	SH	SOLE	1	3,811	0	0
FIRSTCASH HOLDINGS INC	COM	33768G107	7,215,790	75,661	SH	SOLE	1	75,661	0	0
FIRSTENERGY CORP	COM	337932107	5,906,286	147,436	SH	SOLE	1	147,436	0	0
FISERV INC	COM	337738108	26,530,741	234,723	SH	SOLE	1	234,723	0	0
FISKER INC	CL A	33813J106	524,737	85,462	SH	SOLE	1	85,462	0	0
FIVE BELOW	COM	33829M101	17,695,089	85,911	SH	SOLE	1	85,911	0	0
FIVE STAR BANCORP	COM	33830T103	129,641	6,075	SH	SOLE	1	6,075	0	0
FIVE9 INC	COM	338307101	75,254	1,041	SH	SOLE	1	1,041	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	4,307,666	20,430	SH	SOLE	1	20,430	0	0
FLEX LNG LTD	LTD SHS	G35947202	466,963	13,906	SH	SOLE	1	13,906	0	0
FLOOR DECOR HOLDINGS INC A	COM	339750101	150,866	1,536	SH	SOLE	1	1,536	0	0
FLOWERS FOODS INC	COM	343498101	8,124,543	296,408	SH	SOLE	1	296,408	0	0
FLOWERVE CORP	COM	34354P105	6,856,338	201,657	SH	SOLE	1	201,657	0	0
FLUENCE ENERGY INC	CL A	34379V103	358,668	17,712	SH	SOLE	1	17,712	0	0

FLUOR CORP	COM	343412102	8,856,240	286,517	SH	SOLE	1	286,517	0	0
FLUSHING FINANCIAL CORP	COM	343873105	200,881	13,491	SH	SOLE	1	13,491	0	0
FLYWIRE CORP VOTING	COM	302492103	807,928	27,518	SH	SOLE	1	27,518	0	0
FMC CORP	COM	302491303	4,234,369	34,671	SH	SOLE	1	34,671	0	0
FNB CORP	COM	302520101	6,451,607	556,173	SH	SOLE	1	556,173	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	1,452,516	28,003	SH	SOLE	1	28,003	0	0
FOCUS UNIVERSAL INC	COM	34417J104	32,036	12,815	SH	SOLE	1	12,815	0	0
FOGHORN THERAPEUTICS INC	COM	344174107	60,128	9,698	SH	SOLE	1	9,698	0	0
FOOT LOCKER INC	COM	344849104	6,371,674	160,536	SH	SOLE	1	160,536	0	0
FORD MOTOR CO	COM	345370860	12,894,601	1,023,381	SH	SOLE	1	1,023,381	0	0
FORESTAR GROUP INC	COM	346232101	136,804	8,792	SH	SOLE	1	8,792	0	0
FORGEROCK INC A	CL A	34631B101	434,990	21,116	SH	SOLE	1	21,116	0	0
FORMFACTOR INC	COM	346375108	1,340,567	42,090	SH	SOLE	1	42,090	0	0
FORRESTER RESEARCH INC	COM	346563109	199,632	6,171	SH	SOLE	1	6,171	0	0
FORTINET INC	COM	34959E109	17,069,786	256,843	SH	SOLE	1	256,843	0	0
FORTIVE CORP	COM	34959J108	6,547,729	96,050	SH	SOLE	1	96,050	0	0
FORTUNE BRANDS INNOVATIONS I	COM	34964C106	11,633,473	198,084	SH	SOLE	1	198,084	0	0
FORWARD AIR CORP	COM	349853101	1,579,762	14,660	SH	SOLE	1	14,660	0	0
FOSSIL GROUP INC	COM	34988V106	72,854	22,767	SH	SOLE	1	22,767	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,227,421	45,697	SH	SOLE	1	45,697	0	0
FOX CORP CLASS A	COM	35137L105	2,742,489	80,543	SH	SOLE	1	80,543	0	0
FOX CORP CLASS B	COM	35137L204	1,171,933	37,430	SH	SOLE	1	37,430	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	10,348,977	85,268	SH	SOLE	1	85,268	0	0
FRANCHISE GROUP INC	COM	35180X105	342,887	12,583	SH	SOLE	1	12,583	0	0
FRANKLIN BSP REALTY TRUST IN	COM	35243J101	540,047	45,268	SH	SOLE	1	45,268	0	0
FRANKLIN COVEY CO	COM	353469109	225,819	5,870	SH	SOLE	1	5,870	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	2,325,682	24,715	SH	SOLE	1	24,715	0	0
FRANKLIN RESOURCES INC	COM	354613101	2,085,641	77,418	SH	SOLE	1	77,418	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	74,831	47,663	SH	SOLE	1	47,663	0	0
FREEPORT MCMORAN INC	COM	35671D857	15,410,265	376,687	SH	SOLE	1	376,687	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	501,873	16,668	SH	SOLE	1	16,668	0	0
FRESHPET INC	COM	358039105	38,390	580	SH	SOLE	1	580	0	0
FRONTDOOR INC	COM	35905A109	1,257,806	45,115	SH	SOLE	1	45,115	0	0
FRONTIER COMMUNICATIONS PARE	COM	35909D109	7,838,231	344,235	SH	SOLE	1	344,235	0	0
FRONTIER GROUP HOLDINGS INC	COM	35909R108	177,199	18,008	SH	SOLE	1	18,008	0	0
FRONTLINE PLC	COM	M46528101	996,780	60,192	SH	SOLE	1	60,192	0	0
FRP HOLDINGS INC	COM	30292L107	187,184	3,234	SH	SOLE	1	3,234	0	0
FTC SOLAR INC	COM	30320C103	46,573	20,699	SH	SOLE	1	20,699	0	0
FTI CONSULTING INC	COM	302941109	10,494,086	53,175	SH	SOLE	1	53,175	0	0

FUBOTV INC	COM	35953D104	109,794	90,739	SH	SOLE	1	90,739	0	0
FUELCELL ENERGY INC	COM	35952H601	562,114	197,233	SH	SOLE	1	197,233	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	70,962	24,899	SH	SOLE	1	24,899	0	0
FULGENT GENETICS INC	COM	359664109	354,285	11,348	SH	SOLE	1	11,348	0	0
FULL HOUSE RESORTS INC	COM	359678109	114,718	15,867	SH	SOLE	1	15,867	0	0
FULTON FINANCIAL CORP	COM	360271100	4,632,810	335,225	SH	SOLE	1	335,225	0	0
FUNKO INC CLASS A	COM	361008105	144,892	15,365	SH	SOLE	1	15,365	0	0
FUTU HOLDINGS LTD ADR	CL A	36118L106	601,667	11,604	SH	SOLE	1	11,604	0	0
FUTUREFUEL CORP	COM	36116M106	104,110	14,107	SH	SOLE	1	14,107	0	0
FVCBANKCORP INC	COM	36120Q101	76,765	7,208	SH	SOLE	1	7,208	0	0
G III APPAREL GROUP LTD	COM	36237H101	364,787	23,459	SH	SOLE	1	23,459	0	0
GAMBLING.COM GROUP LTD	LTD ORD SHS	G3R239101	42,762	4,315	SH	SOLE	1	4,315	0	0
GAMESTOP CORP CLASS A	COM	36467W109	8,982,980	390,225	SH	SOLE	1	390,225	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	127,963	2,458	SH	SOLE	1	2,458	0	0
GANNETT CO INC	COM	36472T109	147,266	78,752	SH	SOLE	1	78,752	0	0
GAP INC/THE	COM	364760108	3,278,261	326,520	SH	SOLE	1	326,520	0	0
GARMIN LTD	COM	H2906T109	4,201,199	41,629	SH	SOLE	1	41,629	0	0
GARTNER INC	COM	366651107	7,797,956	23,937	SH	SOLE	1	23,937	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	15,085	1,086	SH	SOLE	1	1,086	0	0
GATX CORP	COM	361448103	7,801,078	70,906	SH	SOLE	1	70,906	0	0
GCM GROSVENOR INC CLASS A	CL A	36831E108	154,974	19,843	SH	SOLE	1	19,843	0	0
GE HEALTHCARE TECHNOLOGY	COM	36266G107	7,785,057	94,905	SH	SOLE	1	94,905	0	0
GELESIS HOLDINGS INC	COM	36850R204	1,402	8,619	SH	SOLE	1	8,619	0	0
GEN DIGITAL INC	COM	668771108	2,853,691	166,299	SH	SOLE	1	166,299	0	0
GENCO SHIPPING TRADING LTD	COM	Y2685T131	277,135	17,697	SH	SOLE	1	17,697	0	0
GENEDX HOLDINGS CORP	CL A	81663L101	52,123	142,802	SH	SOLE	1	142,802	0	0
GENERAC HOLDINGS INC	COM	368736104	1,888,771	17,487	SH	SOLE	1	17,487	0	0
GENERAL DYNAMICS CORP	COM	369550108	13,481,734	59,076	SH	SOLE	1	59,076	0	0
GENERAL ELECTRIC CO	COM	369604301	27,218,945	284,717	SH	SOLE	1	284,717	0	0
GENERAL MILLS INC	COM	370334104	17,656,976	206,611	SH	SOLE	1	206,611	0	0
GENERAL MOTORS CO	COM	37045V100	13,370,850	364,527	SH	SOLE	1	364,527	0	0
GENERATION BIO CO	COM	37148K100	99,799	23,209	SH	SOLE	1	23,209	0	0
GENESCO INC	COM	371532102	243,371	6,599	SH	SOLE	1	6,599	0	0
GENPACT LTD	COM	G3922B107	12,027,600	260,225	SH	SOLE	1	260,225	0	0
GENTEX CORP	COM	371901109	10,145,767	361,961	SH	SOLE	1	361,961	0	0
GENTHERM INC	COM	37253A103	1,093,058	18,091	SH	SOLE	1	18,091	0	0
GENUINE PARTS CO	COM	372460105	9,284,199	55,491	SH	SOLE	1	55,491	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	1,356,660	270,251	SH	SOLE	1	270,251	0	0
GEO GROUP INC/THE	COM	36162J106	512,945	65,012	SH	SOLE	1	65,012	0	0

GERMAN AMERICAN BANCORP	COM	373865104	445,957	13,364	SH	SOLE	1	13,364	0	0
GERON CORP	COM	374163103	448,279	206,580	SH	SOLE	1	206,580	0	0
GETTY REALTY CORP	COM	374297109	830,600	23,053	SH	SOLE	1	23,053	0	0
GEVO INC	COM	374396406	146,308	95,005	SH	SOLE	1	95,005	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	823,094	16,971	SH	SOLE	1	16,971	0	0
GILEAD SCIENCES INC	COM	375558103	32,838,033	395,782	SH	SOLE	1	395,782	0	0
GINKGO BIOWORKS HOLDINGS INC	CL A	37611X100	12,749	9,586	SH	SOLE	1	9,586	0	0
GLACIER BANCORP INC	COM	37637Q105	9,388,143	223,474	SH	SOLE	1	223,474	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	238,808	18,908	SH	SOLE	1	18,908	0	0
GLADSTONE LAND CORP	COM	376549101	259,007	15,556	SH	SOLE	1	15,556	0	0
GLATFELTER CORP	COM	377320106	67,752	21,239	SH	SOLE	1	21,239	0	0
GLAUKOS CORP	COM	377322102	1,257,560	25,101	SH	SOLE	1	25,101	0	0
GLOBAL INDUSTRIAL CO	COM	37892E102	168,448	6,276	SH	SOLE	1	6,276	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	268,371	29,459	SH	SOLE	1	29,459	0	0
GLOBAL NET LEASE INC	COM	379378201	731,348	56,870	SH	SOLE	1	56,870	0	0
GLOBAL PAYMENTS INC	COM	37940X102	8,570,956	81,442	SH	SOLE	1	81,442	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	81,640	6,568	SH	SOLE	1	6,568	0	0
GLOBALFOUNDRIES INC	ORD SHS	G39387108	2,169,731	30,060	SH	SOLE	1	30,060	0	0
GLOBALSTAR INC	COM	378973408	383,041	330,208	SH	SOLE	1	330,208	0	0
GLOBANT SA	COM	L44385109	99,390	606	SH	SOLE	1	606	0	0
GLOBE LIFE INC	COM	37959E102	2,715,514	24,682	SH	SOLE	1	24,682	0	0
GLOBUS MEDICAL INC A	COM	379577208	6,805,466	120,153	SH	SOLE	1	120,153	0	0
GMS INC	COM	36251C103	1,321,281	22,824	SH	SOLE	1	22,824	0	0
GODADDY INC CLASS A	COM	380237107	130,492	1,679	SH	SOLE	1	1,679	0	0
GOGO INC	COM	38046C109	405,797	27,986	SH	SOLE	1	27,986	0	0
GOLAR LNG LTD	COM	G9456A100	1,052,503	48,727	SH	SOLE	1	48,727	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	482,830	11,097	SH	SOLE	1	11,097	0	0
GOLDEN OCEAN GROUP LTD	LTD SHS	G39637205	564,127	59,257	SH	SOLE	1	59,257	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	28,952,833	88,511	SH	SOLE	1	88,511	0	0
GOODYEAR TIRE RUBBER CO	COM	382550101	6,270,953	569,052	SH	SOLE	1	569,052	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	479,979	9,195	SH	SOLE	1	9,195	0	0
GOPRO INC CLASS A	COM	38268T103	313,741	62,374	SH	SOLE	1	62,374	0	0
GORMAN RUPP CO	COM	383082104	274,500	10,980	SH	SOLE	1	10,980	0	0
GOSSAMER BIO INC	COM	38341P102	38,299	30,396	SH	SOLE	1	30,396	0	0
GRAB HOLDINGS LTD CL A	COM	G4124C109	672,094	223,287	SH	SOLE	1	223,287	0	0
GRACO INC	COM	384109104	19,025,311	260,585	SH	SOLE	1	260,585	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	454,629	93,545	SH	SOLE	1	93,545	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	4,565,326	7,662	SH	SOLE	1	7,662	0	0

GRAND CANYON EDUCATION INC	COM	38526M106	5,390,318	47,325	SH	SOLE	1	47,325	0	0
GRANITE CONSTRUCTION INC	COM	387328107	991,014	24,124	SH	SOLE	1	24,124	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	124,308	25,062	SH	SOLE	1	25,062	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	107,389	4,213	SH	SOLE	1	4,213	0	0
GRAY TELEVISION INC	COM	389375106	345,504	39,622	SH	SOLE	1	39,622	0	0
GREAT LAKES DREDGE DOCK CO	COM	390607109	171,295	31,546	SH	SOLE	1	31,546	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	228,161	4,502	SH	SOLE	1	4,502	0	0
GREEN BRICK PARTNERS INC	COM	392709101	519,800	14,826	SH	SOLE	1	14,826	0	0
GREEN DOT CORP CLASS A	COM	39304D102	440,839	25,660	SH	SOLE	1	25,660	0	0
GREEN PLAINS INC	COM	393222104	921,333	29,730	SH	SOLE	1	29,730	0	0
GREENBRIER COMPANIES INC	COM	393657101	561,173	17,444	SH	SOLE	1	17,444	0	0
GREENE COUNTY BANCORP INC	COM	394357107	74,118	3,268	SH	SOLE	1	3,268	0	0
GREENIDGE GENERATION HOLDING	CL A	39531G100	3,525	7,799	SH	SOLE	1	7,799	0	0
GREENLIGHT BIOSCIENCES HOLDI	COM	39536G105	18,656	43,145	SH	SOLE	1	43,145	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	118,455	12,615	SH	SOLE	1	12,615	0	0
GREIF INC CL A	CL A	397624107	3,247,839	51,252	SH	SOLE	1	51,252	0	0
GREIF INC CL B	COM	397624206	196,197	2,564	SH	SOLE	1	2,564	0	0
GRID DYNAMICS HOLDINGS INC	CL A	39813G109	296,654	25,886	SH	SOLE	1	25,886	0	0
GRIFFON CORP	COM	398433102	769,744	24,047	SH	SOLE	1	24,047	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	3,860,881	136,620	SH	SOLE	1	136,620	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	1,752,491	7,740	SH	SOLE	1	7,740	0	0
GROUPON INC	COM	399473206	44,340	10,532	SH	SOLE	1	10,532	0	0
GROWGENERATION CORP	COM	39986L109	94,758	27,707	SH	SOLE	1	27,707	0	0
GUARANTY BANCSHARES INC	COM	400764106	109,445	3,927	SH	SOLE	1	3,927	0	0
GUARDANT HEALTH INC	COM	40131M109	33,988	1,450	SH	SOLE	1	1,450	0	0
GUESS INC	COM	401617105	328,796	16,896	SH	SOLE	1	16,896	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	67,609	824	SH	SOLE	1	824	0	0
GULFPORT ENERGY CORP	COM	402635502	423,120	5,289	SH	SOLE	1	5,289	0	0
GXO LOGISTICS INC	COM	36262G101	9,233,272	182,982	SH	SOLE	1	182,982	0	0
H WORLD GROUP LTD ADR	ADR	44332N106	133,422	2,724	SH	SOLE	1	2,724	0	0
H.B. FULLER CO.	COM	359694106	2,007,981	29,335	SH	SOLE	1	29,335	0	0
HE EQUIPMENT SERVICES INC	COM	404030108	681,142	15,400	SH	SOLE	1	15,400	0	0
HR BLOCK INC	COM	093671105	8,303,666	235,565	SH	SOLE	1	235,565	0	0
HACKETT GROUP INC/THE	COM	404609109	204,038	11,041	SH	SOLE	1	11,041	0	0
HAEMONETICS	COM	405024100	8,401,442	101,528	SH	SOLE	1	101,528	0	0

CORP/MASS										
HAIN CELESTIAL GROUP INC	COM	405217100	838,584	48,897	SH	SOLE	1	48,897	0	0
HALLIBURTON CO	COM	406216101	8,387,732	265,099	SH	SOLE	1	265,099	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	10,370,647	271,554	SH	SOLE	1	271,554	0	0
HAMILTON LANE INC CLASS A	COM	407497106	1,283,479	17,349	SH	SOLE	1	17,349	0	0
HANCOCK WHITNEY CORP	COM	410120109	6,296,108	172,970	SH	SOLE	1	172,970	0	0
HANESBRANDS INC	COM	410345102	134,745	25,617	SH	SOLE	1	25,617	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	307,129	16,539	SH	SOLE	1	16,539	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	1,202,430	42,043	SH	SOLE	1	42,043	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	7,058,377	54,929	SH	SOLE	1	54,929	0	0
HARBORONE BANCORP INC	COM	41165Y100	257,749	21,127	SH	SOLE	1	21,127	0	0
HARLEY DAVIDSON INC	COM	412822108	7,794,292	205,275	SH	SOLE	1	205,275	0	0
HARMONIC INC	COM	413160102	749,634	51,380	SH	SOLE	1	51,380	0	0
HARMONY BIOSCIENCES HOLDINGS	COM	413197104	474,470	14,532	SH	SOLE	1	14,532	0	0
HARSCO CORP	COM	415864107	293,280	42,940	SH	SOLE	1	42,940	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	5,962,398	85,556	SH	SOLE	1	85,556	0	0
HASBRO INC	COM	418056107	2,354,736	43,858	SH	SOLE	1	43,858	0	0
HAVERTY FURNITURE	COM	419596101	250,940	7,864	SH	SOLE	1	7,864	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	6,485,914	168,904	SH	SOLE	1	168,904	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	253,677	27,694	SH	SOLE	1	27,694	0	0
HAWKINS INC	COM	420261109	462,229	10,558	SH	SOLE	1	10,558	0	0
HAYNES INTERNATIONAL INC	COM	420877201	339,310	6,774	SH	SOLE	1	6,774	0	0
HAYWARD HOLDINGS INC	COM	421298100	7,946	678	SH	SOLE	1	678	0	0
HBT FINANCIAL INC/DE	COM	404111106	114,889	5,826	SH	SOLE	1	5,826	0	0
HCA HEALTHCARE INC	COM	40412C101	16,959,898	64,320	SH	SOLE	1	64,320	0	0
HCI GROUP INC	COM	40416E103	184,706	3,446	SH	SOLE	1	3,446	0	0
HEALTH CATALYST INC	COM	42225T107	308,952	26,474	SH	SOLE	1	26,474	0	0
HEALTHCARE REALTY TRUST INC	CL A	42226K105	11,350,615	587,202	SH	SOLE	1	587,202	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	561,263	40,466	SH	SOLE	1	40,466	0	0
HEALTHEQUITY INC	COM	42226A107	9,969,721	169,813	SH	SOLE	1	169,813	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	3,260,721	148,417	SH	SOLE	1	148,417	0	0
HEALTHSTREAM INC	COM	42222N103	357,557	13,194	SH	SOLE	1	13,194	0	0
HEARTLAND EXPRESS INC	COM	422347104	405,928	25,498	SH	SOLE	1	25,498	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	760,679	19,830	SH	SOLE	1	19,830	0	0
HECLA MINING CO	COM	422704106	1,690,502	267,062	SH	SOLE	1	267,062	0	0
HEICO CORP	COM	422806109	112,202	656	SH	SOLE	1	656	0	0
HEICO CORP CLASS A	COM	422806208	156,285	1,150	SH	SOLE	1	1,150	0	0

HEIDRICK STRUGGLES INTL	COM	422819102	324,518	10,689	SH	SOLE	1	10,689	0	0
HELEN OF TROY LTD	COM	G4388N106	4,592,143	48,252	SH	SOLE	1	48,252	0	0
HELIOGEN INC	COM	42329E105	10,534	43,857	SH	SOLE	1	43,857	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	1,027,172	15,706	SH	SOLE	1	15,706	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	604,200	78,062	SH	SOLE	1	78,062	0	0
HELMERICH PAYNE	COM	423452101	2,010,473	56,237	SH	SOLE	1	56,237	0	0
HENRY SCHEIN INC	COM	806407102	2,999,857	36,790	SH	SOLE	1	36,790	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	761,176	47,278	SH	SOLE	1	47,278	0	0
HERC HOLDINGS INC	COM	42704L104	1,381,265	12,127	SH	SOLE	1	12,127	0	0
HERITAGE COMMERCE CORP	COM	426927109	236,230	28,359	SH	SOLE	1	28,359	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	269,532	7,569	SH	SOLE	1	7,569	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	404,888	18,920	SH	SOLE	1	18,920	0	0
HERON THERAPEUTICS INC	COM	427746102	75,002	49,670	SH	SOLE	1	49,670	0	0
HERSHA HOSPITALITY TRUST A	COM	427825500	101,875	15,160	SH	SOLE	1	15,160	0	0
HERSHEY CO/THE	COM	427866108	10,382,981	40,812	SH	SOLE	1	40,812	0	0
HERTZ GLOBAL HLDGS INC	COM	42806J700	4,055,347	248,947	SH	SOLE	1	248,947	0	0
HESKA CORP	COM	42805E306	517,679	5,303	SH	SOLE	1	5,303	0	0
HESS CORP	COM	42809H107	11,700,312	88,411	SH	SOLE	1	88,411	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	12,470,131	782,808	SH	SOLE	1	782,808	0	0
HEXCEL CORP	COM	428291108	8,875,571	130,045	SH	SOLE	1	130,045	0	0
HF FOODS GROUP INC	COM	40417F109	71,744	18,302	SH	SOLE	1	18,302	0	0
HF SINCLAIR CORP	COM	403949100	10,039,818	207,520	SH	SOLE	1	207,520	0	0
HIBBETT INC	COM	428567101	408,554	6,927	SH	SOLE	1	6,927	0	0
HIGHPEAK ENERGY INC	COM	43114Q105	77,533	3,371	SH	SOLE	1	3,371	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	3,764,317	162,325	SH	SOLE	1	162,325	0	0
HILLENBRAND INC	COM	431571108	1,798,250	37,834	SH	SOLE	1	37,834	0	0
HILLEVAX INC	COM	43157M102	139,265	8,425	SH	SOLE	1	8,425	0	0
HILLMAN SOLUTIONS CORP	COM	431636109	546,980	64,962	SH	SOLE	1	64,962	0	0
HILLTOP HOLDINGS INC	COM	432748101	800,378	26,976	SH	SOLE	1	26,976	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	7,249,243	163,161	SH	SOLE	1	163,161	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	12,424,452	88,198	SH	SOLE	1	88,198	0	0
HIMS HERS HEALTH INC	CL A	433000106	581,094	58,578	SH	SOLE	1	58,578	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	164,342	704	SH	SOLE	1	704	0	0
HIPPO HOLDINGS INC	COM	433539202	134,563	8,291	SH	SOLE	1	8,291	0	0
HIRERIGHT HOLDINGS CORP	COM	433537107	108,593	10,235	SH	SOLE	1	10,235	0	0
HNI CORP	COM	404251100	626,372	22,499	SH	SOLE	1	22,499	0	0
HOLLEY INC	COM	43538H103	68,001	24,818	SH	SOLE	1	24,818	0	0
HOLOGIC INC	COM	436440101	5,784,818	71,683	SH	SOLE	1	71,683	0	0
HOME BANCORP INC	COM	43689E107	116,464	3,526	SH	SOLE	1	3,526	0	0

HOME BANCSHARES INC	COM	436893200	8,266,734	380,780	SH	SOLE	1	380,780	0	0
HOME DEPOT INC	COM	437076102	88,129,620	298,623	SH	SOLE	1	298,623	0	0
HOME POINT CAPITAL INC	COM	43734L106	7,398	3,833	SH	SOLE	1	3,833	0	0
HOMESTREET INC	COM	43785V102	176,176	9,793	SH	SOLE	1	9,793	0	0
HOMETRUST BANCSHARES INC	COM	437872104	171,958	6,993	SH	SOLE	1	6,993	0	0
HONEST CO INC/THE	COM	438333106	57,175	31,764	SH	SOLE	1	31,764	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	40,252,165	210,612	SH	SOLE	1	210,612	0	0
HOPE BANCORP INC	COM	43940T109	623,658	63,509	SH	SOLE	1	63,509	0	0
HORACE MANN EDUCATORS	COM	440327104	751,023	22,432	SH	SOLE	1	22,432	0	0
HORIZON BANCORP INC/IN	COM	440407104	215,150	19,453	SH	SOLE	1	19,453	0	0
HORIZON THERAPEUTICS PLC	COM	G46188101	351,322	3,219	SH	SOLE	1	3,219	0	0
HORMEL FOODS CORP	COM	440452100	4,097,710	102,751	SH	SOLE	1	102,751	0	0
HOST HOTELS RESORTS INC	COM	44107P104	3,199,340	194,017	SH	SOLE	1	194,017	0	0
HOSTESS BRANDS INC	COM	44109J106	1,814,051	72,912	SH	SOLE	1	72,912	0	0
HOULIHAN LOKEY INC	COM	441593100	2,145,867	24,527	SH	SOLE	1	24,527	0	0
HOVNANIAN ENTERPRISES A	CL A	442487401	158,406	2,335	SH	SOLE	1	2,335	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	29,440	368	SH	SOLE	1	368	0	0
HOWMET AEROSPACE INC	COM	443201108	4,243,356	100,150	SH	SOLE	1	100,150	0	0
HP INC	COM	40434L105	12,854,009	437,956	SH	SOLE	1	437,956	0	0
HUB GROUP INC CL A	CL A	443320106	1,481,289	17,647	SH	SOLE	1	17,647	0	0
HUBBELL INC	COM	443510607	20,122,954	82,705	SH	SOLE	1	82,705	0	0
HUBSPOT INC	COM	443573100	295,409	689	SH	SOLE	1	689	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	63,228	9,508	SH	SOLE	1	9,508	0	0
HUDSON TECHNOLOGIES INC	COM	444144109	181,741	20,818	SH	SOLE	1	20,818	0	0
HUMACYTE INC	COM	44486Q103	87,666	28,371	SH	SOLE	1	28,371	0	0
HUMANA INC	COM	444859102	19,246,062	39,645	SH	SOLE	1	39,645	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	5,125,187	29,210	SH	SOLE	1	29,210	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	4,870,029	434,824	SH	SOLE	1	434,824	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	2,247,202	10,855	SH	SOLE	1	10,855	0	0
HUNTSMAN CORP	COM	447011107	50,178	1,834	SH	SOLE	1	1,834	0	0
HURON CONSULTING GROUP INC	COM	447462102	764,801	9,516	SH	SOLE	1	9,516	0	0
HYATT HOTELS CORP CL A	CL A	448579102	53,324	477	SH	SOLE	1	477	0	0
HYCROFT MINING HOLDING CORP	CL A	44862P109	31,943	73,873	SH	SOLE	1	73,873	0	0
HYDROFARM HOLDINGS GROUP INC	COM	44888K209	36,456	21,073	SH	SOLE	1	21,073	0	0
HYLIION HOLDINGS CORP	COM	449109107	131,260	66,293	SH	SOLE	1	66,293	0	0
HYSTER YALE MATERIALS	COM	449172105	260,975	5,231	SH	SOLE	1	5,231	0	0

HYZON MOTORS INC	CL A	44951Y102	34,541	42,376	SH	SOLE	1	42,376	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	273,289	11,141	SH	SOLE	1	11,141	0	0
IAC INC	COM	44891N208	39,938	774	SH	SOLE	1	774	0	0
IBEX LTD	SHS	G4690M101	105,335	4,317	SH	SOLE	1	4,317	0	0
IBEX LTD	SHS NEW	G4690M101	9,856,307	403,947	SH	SOLE	2	403,947	0	0
ICF INTERNATIONAL INC	COM	44925C103	977,208	8,908	SH	SOLE	1	8,908	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	503,148	15,368	SH	SOLE	1	15,368	0	0
ICOSAVAX INC	COM	45114M109	62,222	10,728	SH	SOLE	1	10,728	0	0
ICU MEDICAL INC	COM	44930G107	5,130,586	31,102	SH	SOLE	1	31,102	0	0
IDACORP INC	COM	451107106	8,451,148	78,013	SH	SOLE	1	78,013	0	0
IDEAYA BIOSCIENCES INC	COM	45166A102	293,506	21,377	SH	SOLE	1	21,377	0	0
IDENTIV INC	COM	45170X205	65,403	10,652	SH	SOLE	1	10,652	0	0
IDEX CORP	COM	45167R104	4,766,842	20,633	SH	SOLE	1	20,633	0	0
IDEXX LABORATORIES INC	COM	45168D104	14,878,880	29,753	SH	SOLE	1	29,753	0	0
IDT CORP CLASS B	COM	448947507	255,225	7,489	SH	SOLE	1	7,489	0	0
IES HOLDINGS INC	COM	44951W106	177,660	4,123	SH	SOLE	1	4,123	0	0
IGM BIOSCIENCES INC	COM	449585108	70,156	5,106	SH	SOLE	1	5,106	0	0
IHEARTMEDIA INC CLASS A	CL A	45174J509	226,929	58,187	SH	SOLE	1	58,187	0	0
ILLINOIS TOOL WORKS	COM	452308109	23,472,962	96,418	SH	SOLE	1	96,418	0	0
ILLUMINA INC	COM	452327109	12,369,335	53,190	SH	SOLE	1	53,190	0	0
IMAX CORP	COM	45245E109	435,559	22,709	SH	SOLE	1	22,709	0	0
IMMUNITYBIO INC	COM	45256X103	71,903	39,507	SH	SOLE	1	39,507	0	0
IMMUNOGEN INC	COM	45253H101	397,916	103,624	SH	SOLE	1	103,624	0	0
IMMUNOVANT INC	COM	45258J102	332,752	21,454	SH	SOLE	1	21,454	0	0
IMPINJ INC	COM	453204109	1,403,852	10,359	SH	SOLE	1	10,359	0	0
INARI MEDICAL INC	COM	45332Y109	6,007,734	97,307	SH	SOLE	1	97,307	0	0
INCYTE CORP	COM	45337C102	4,831,683	66,856	SH	SOLE	1	66,856	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	7,238,282	451,546	SH	SOLE	1	451,546	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	172,547	9,710	SH	SOLE	1	9,710	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,640,894	25,006	SH	SOLE	1	25,006	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	904,659	19,518	SH	SOLE	1	19,518	0	0
INDIE SEMICONDUCTOR INC A	CL A	45569U101	543,684	51,534	SH	SOLE	1	51,534	0	0
INDUS REALTY TRUST INC	COM	45580R103	170,896	2,578	SH	SOLE	1	2,578	0	0
INDUSTRIAL LOGISTICS PROPERT	COM SHS BEN INT	456237106	96,291	31,365	SH	SOLE	1	31,365	0	0
INFINERA CORP	COM	45667G103	724,008	93,300	SH	SOLE	1	93,300	0	0
INFORMATICA INC CLASS A	CL A	45674M101	6,576	401	SH	SOLE	1	401	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	86,230	16,941	SH	SOLE	1	16,941	0	0
INGERSOLL RAND INC	COM	45687V106	6,715,834	115,432	SH	SOLE	1	115,432	0	0
INGEVITY CORP	COM	45688C107	5,146,937	71,965	SH	SOLE	1	71,965	0	0
INGLES MARKETS INC CLASS A	COM	457030104	608,748	6,863	SH	SOLE	1	6,863	0	0

INGREDION INC	COM	457187102	10,311,658	101,363	SH	SOLE	1	101,363	0	0
INHIBRX INC	COM	45720L107	296,712	15,724	SH	SOLE	1	15,724	0	0
INNOSPEC INC	COM	45768S105	1,387,893	13,518	SH	SOLE	1	13,518	0	0
INNOVAGE HOLDING CORP	COM	45784A104	73,671	9,232	SH	SOLE	1	9,232	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	1,153,224	15,176	SH	SOLE	1	15,176	0	0
INNOVID CORP	COM	457679108	52,671	37,355	SH	SOLE	1	37,355	0	0
INNOVIVA INC	COM	45781M101	388,271	34,513	SH	SOLE	1	34,513	0	0
INOGEN INC	COM	45780L104	156,562	12,545	SH	SOLE	1	12,545	0	0
INOTIV INC	COM	45783Q100	48,080	11,104	SH	SOLE	1	11,104	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	97,828	119,302	SH	SOLE	1	119,302	0	0
INSEEGO CORP	COM	45782B104	24,223	41,591	SH	SOLE	1	41,591	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	2,441,328	17,077	SH	SOLE	1	17,077	0	0
INSMED INC	COM	457669307	1,112,393	65,243	SH	SOLE	1	65,243	0	0
INSPERITY INC	COM	45778Q107	8,733,368	71,850	SH	SOLE	1	71,850	0	0
INSPIRATO INC	CL A	45791E107	9,493	9,900	SH	SOLE	1	9,900	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	3,230,868	13,803	SH	SOLE	1	13,803	0	0
INSPIRED ENTERTAINMENT INC	COM	45782N108	131,545	10,285	SH	SOLE	1	10,285	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	1,479,197	12,972	SH	SOLE	1	12,972	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	285,600	10,266	SH	SOLE	1	10,266	0	0
INSTIL BIO INC	COM	45783C101	22,193	33,585	SH	SOLE	1	33,585	0	0
INSTRUCTURE HOLDINGS INC	COM	457790103	216,317	8,352	SH	SOLE	1	8,352	0	0
INSULET CORP	COM	45784P101	6,164,540	19,327	SH	SOLE	1	19,327	0	0
INTAPP INC	COM	45827U109	315,584	7,038	SH	SOLE	1	7,038	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,395,078	18,001	SH	SOLE	1	18,001	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	6,436,350	112,112	SH	SOLE	1	112,112	0	0
INTEGRAL AD SCIENCE HOLDING	COM	45828L108	263,025	18,432	SH	SOLE	1	18,432	0	0
INTEL CORP	COM	458140100	42,603,771	1,304,064	SH	SOLE	1	1,304,064	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	1,491,135	40,009	SH	SOLE	1	40,009	0	0
INTER PARFUMS INC	COM	458334109	1,393,241	9,795	SH	SOLE	1	9,795	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	13,096,493	158,630	SH	SOLE	1	158,630	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	158,514	11,803	SH	SOLE	1	11,803	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	18,637,770	178,711	SH	SOLE	1	178,711	0	0
INTERDIGITAL INC	COM	45867G101	1,169,170	16,038	SH	SOLE	1	16,038	0	0
INTERFACE INC	COM	458665304	254,976	31,401	SH	SOLE	1	31,401	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	4,573,433	106,806	SH	SOLE	1	106,806	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	1,270,776	47,417	SH	SOLE	1	47,417	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	389,819	15,121	SH	SOLE	1	15,121	0	0

INTERNATIONAL PAPER CO	COM	460146103	3,718,543	103,121	SH	SOLE	1	103,121	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	979,688	23,505	SH	SOLE	1	23,505	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	3,927,219	105,457	SH	SOLE	1	105,457	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	30,978,927	236,318	SH	SOLE	1	236,318	0	0
INTL FLAVORS FRAGRANCES	COM	459506101	6,643,926	72,248	SH	SOLE	1	72,248	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	2,394,405	44,218	SH	SOLE	1	44,218	0	0
INTREPID POTASH INC	COM	46121Y201	148,322	5,374	SH	SOLE	1	5,374	0	0
INTUIT INC	COM	461202103	44,624,016	100,092	SH	SOLE	1	100,092	0	0
INTUITIVE SURGICAL INC	COM	46120E602	28,311,441	110,821	SH	SOLE	1	110,821	0	0
INVENTRUST PROPERTIES CORP	COM	46124J201	765,391	32,709	SH	SOLE	1	32,709	0	0
INVESCO LTD	COM	G491BT108	2,011,165	122,632	SH	SOLE	1	122,632	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B704	215,379	19,421	SH	SOLE	1	19,421	0	0
INVESTORS TITLE CO	COM	461804106	94,677	627	SH	SOLE	1	627	0	0
INVITAE CORP	COM	46185L103	158,887	117,694	SH	SOLE	1	117,694	0	0
INVITATION HOMES INC	COM	46187W107	4,933,153	157,962	SH	SOLE	1	157,962	0	0
INVIVYD INC	COM	00534A102	29,731	24,776	SH	SOLE	1	24,776	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	73,124	2,046	SH	SOLE	1	2,046	0	0
IONQ INC	COM	46222L108	356,786	58,014	SH	SOLE	1	58,014	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	444,637	72,772	SH	SOLE	1	72,772	0	0
IPG PHOTONICS CORP	COM	44980X109	6,117,902	49,614	SH	SOLE	1	49,614	0	0
IQIYI INC ADR	ADR	46267X108	41,802	5,742	SH	SOLE	1	5,742	0	0
IQVIA HOLDINGS INC	COM	46266C105	10,982,706	55,220	SH	SOLE	1	55,220	0	0
IRADIMED CORP	COM	46266A109	135,364	3,440	SH	SOLE	1	3,440	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,805,753	14,559	SH	SOLE	1	14,559	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	15,665,379	252,953	SH	SOLE	1	252,953	0	0
IROBOT CORP	COM	462726100	640,635	14,680	SH	SOLE	1	14,680	0	0
IRON MOUNTAIN INC	COM	46284V101	4,250,154	80,328	SH	SOLE	1	80,328	0	0
IRONNET INC	COM	46323Q105	11,359	32,308	SH	SOLE	1	32,308	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	782,825	74,413	SH	SOLE	1	74,413	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	8,404,968	102,300	SH	SOLE	1	102,300	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	160,356	1,400	SH	SOLE	1	1,400	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	1,510,454	14,200	SH	SOLE	1	14,200	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	8,847,280	75,200	SH	SOLE	1	75,200	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,190,552	22,100	SH	SOLE	1	22,100	0	0
ISHARES CORE SP SMALL CAP ETF	CORE S&P SCP ETF	464287804	1,611,119	16,661	SH	SOLE	1	16,661	0	0

ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	13,898,548	126,800	SH	SOLE	1	126,800	0	0
ISHARES MSCI CHINA A ETF	ETF	46434V514	4,171,926	127,699	SH	SOLE	1	127,699	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	68,022,672	951,100	SH	SOLE	1	951,100	0	0
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	1,959,741	49,664	SH	SOLE	1	49,664	0	0
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	5,352,000	30,000	SH	SOLE	1	30,000	0	0
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	1,338,435	14,700	SH	SOLE	1	14,700	0	0
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	1,814,958	17,090	SH	SOLE	1	17,090	0	0
ISHARES SP 500 GROWTH ETF	ETF	464287309	1,344,885	21,050	SH	SOLE	1	21,050	0	0
ISHARES SP 500 VALUE ETF	S&P 500 VAL ETF	464287408	14,670,943	96,672	SH	SOLE	1	96,672	0	0
ITEOS THERAPEUTICS INC	COM	46565G104	175,705	12,910	SH	SOLE	1	12,910	0	0
ITRON INC	COM	465741106	1,366,122	24,637	SH	SOLE	1	24,637	0	0
ITT INC	COM	45073V108	11,012,916	127,612	SH	SOLE	1	127,612	0	0
IVANHOE ELECTRIC INC /U	COM	46578C108	271,771	22,368	SH	SOLE	1	22,368	0	0
IVERIC BIO INC	COM	46583P102	1,603,688	65,914	SH	SOLE	1	65,914	0	0
JJ SNACK FOODS CORP	COM	466032109	1,228,299	8,287	SH	SOLE	1	8,287	0	0
JABIL INC	COM	466313103	18,171,539	206,120	SH	SOLE	1	206,120	0	0
JACK HENRY ASSOCIATES INC	COM	426281101	3,691,133	24,490	SH	SOLE	1	24,490	0	0
JACK IN THE BOX INC	COM	466367109	990,555	11,309	SH	SOLE	1	11,309	0	0
JACKSON FINANCIAL INC A	CL A	46817M107	1,350,913	36,111	SH	SOLE	1	36,111	0	0
JACOBS SOLUTIONS INC	COM	46982L108	4,600,869	39,153	SH	SOLE	1	39,153	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	415,416	20,117	SH	SOLE	1	20,117	0	0
JAMF HOLDING CORP	COM	47074L105	18,235	939	SH	SOLE	1	939	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	5,448,439	204,521	SH	SOLE	1	204,521	0	0
JANUS INTERNATIONAL GROUP IN	COM	47103N106	388,701	39,422	SH	SOLE	1	39,422	0	0
JANUX THERAPEUTICS INC	COM	47103J105	100,212	8,282	SH	SOLE	1	8,282	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	14,214,643	97,141	SH	SOLE	1	97,141	0	0
JBG SMITH PROPERTIES	COM	46590V100	110,540	7,340	SH	SOLE	1	7,340	0	0
JD.COM INC ADR	ADR	47215P106	1,089,218	24,817	SH	SOLE	1	24,817	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	8,866,315	279,342	SH	SOLE	1	279,342	0	0
JELD WEN HOLDING INC	COM	47580P103	509,742	40,264	SH	SOLE	1	40,264	0	0
JETBLUE AIRWAYS CORP	COM	477143101	3,637,860	499,706	SH	SOLE	1	499,706	0	0
JM SMUCKER CO/THE	COM	832696405	5,009,244	31,831	SH	SOLE	1	31,831	0	0
JOANN INC	COM	47768J101	8,460	5,321	SH	SOLE	1	5,321	0	0
JOBY AVIATION INC	COM	G65163100	539,727	124,361	SH	SOLE	1	124,361	0	0
JOHN B. SANFILIPPO SON INC	COM	800422107	472,679	4,877	SH	SOLE	1	4,877	0	0

JOHN BEAN TECHNOLOGIES CORP	COM	477839104	1,889,078	17,285	SH	SOLE	1	17,285	0	0
JOHN MARSHALL BANCORP INC	COM	47805L101	120,377	5,573	SH	SOLE	1	5,573	0	0
JOHNSON JOHNSON	COM	478160104	106,465,625	686,875	SH	SOLE	1	686,875	0	0
JOHNSON CONTROLS INTERNATION	COM	G51502105	10,817,138	179,627	SH	SOLE	1	179,627	0	0
JOHNSON OUTDOORS INC A	COM	479167108	162,125	2,573	SH	SOLE	1	2,573	0	0
JOINT CORP/THE	COM	47973J102	114,225	6,787	SH	SOLE	1	6,787	0	0
JONES LANG LASALLE INC	COM	48020Q107	10,655,397	73,238	SH	SOLE	1	73,238	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	37,623	20,337	SH	SOLE	1	20,337	0	0
JOYY INC ADR	ADS RESTG COM A	46591M109	23,385	750	SH	SOLE	1	750	0	0
JPMORGAN CHASE CO	COM	46625H100	99,905,550	766,676	SH	SOLE	1	766,676	0	0
JUNIPER NETWORKS INC	COM	48203R104	3,025,277	87,893	SH	SOLE	1	87,893	0	0
KADANT INC	COM	48282T104	1,168,129	5,602	SH	SOLE	1	5,602	0	0
KAISER ALUMINUM CORP	COM	483007704	645,773	8,653	SH	SOLE	1	8,653	0	0
KALEYRA INC	COM	483379202	7,168	4,344	SH	SOLE	1	4,344	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	92,858	11,814	SH	SOLE	1	11,814	0	0
KAMAN CORP	COM	483548103	349,758	15,300	SH	SOLE	1	15,300	0	0
KANZHUN LTD ADR	LTD SPONS ADS	48553T106	47,575	2,500	SH	SOLE	1	2,500	0	0
KAR AUCTION SERVICES INC	COM	48238T109	807,736	59,045	SH	SOLE	1	59,045	0	0
KARAT PACKAGING INC	COM	48563L101	36,498	2,738	SH	SOLE	1	2,738	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	2,841,395	15,643	SH	SOLE	1	15,643	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	146,171	37,576	SH	SOLE	1	37,576	0	0
KB HOME	COM	48666K109	6,498,834	161,743	SH	SOLE	1	161,743	0	0
KBR INC	COM	48242W106	11,676,545	212,108	SH	SOLE	1	212,108	0	0
KE HOLDINGS INC ADR	SPON ADS	482497104	177,096	9,400	SH	SOLE	1	9,400	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	233,085	28,705	SH	SOLE	1	28,705	0	0
KELLOGG CO	COM	487836108	6,094,431	91,016	SH	SOLE	1	91,016	0	0
KELLY SERVICES INC A	COM	488152208	306,550	18,478	SH	SOLE	1	18,478	0	0
KEMPER CORP	COM	488401100	5,394,122	98,685	SH	SOLE	1	98,685	0	0
KENNAMETAL INC	COM	489170100	1,223,863	44,375	SH	SOLE	1	44,375	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,068,711	64,419	SH	SOLE	1	64,419	0	0
KEROS THERAPEUTICS INC	COM	492327101	396,555	9,287	SH	SOLE	1	9,287	0	0
KEURIG DR PEPPER INC	COM	49271V100	11,030,610	312,659	SH	SOLE	1	312,659	0	0
KEYCORP	COM	493267108	3,171,366	253,304	SH	SOLE	1	253,304	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	9,440,121	58,460	SH	SOLE	1	58,460	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	79,518	25,405	SH	SOLE	1	25,405	0	0
KFORCE INC	COM	493732101	603,879	9,549	SH	SOLE	1	9,549	0	0
KILROY REALTY CORP	COM	49427F108	5,271,642	162,705	SH	SOLE	1	162,705	0	0

KIMBALL ELECTRONICS INC	COM	49428J109	278,861	11,571	SH	SOLE	1	11,571	0	0
KIMBALL INTERNATIONAL B	COM	494274103	214,111	17,267	SH	SOLE	1	17,267	0	0
KIMBERLY CLARK CORP	COM	494368103	15,028,479	111,969	SH	SOLE	1	111,969	0	0
KIMCO REALTY CORP	COM	49446R109	3,275,904	167,737	SH	SOLE	1	167,737	0	0
KINDER MORGAN INC	COM	49456B101	9,468,497	540,748	SH	SOLE	1	540,748	0	0
KINETIK HOLDINGS INC	CL A	02215L209	250,400	8,000	SH	SOLE	1	8,000	0	0
KINIKA PHARMACEUTICALS A	COM	G5269C101	161,777	15,035	SH	SOLE	1	15,035	0	0
KINNATE BIOPHARMA INC	COM	49705R105	88,144	14,103	SH	SOLE	1	14,103	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	13,117,756	43,704	SH	SOLE	1	43,704	0	0
KIRBY CORP	COM	497266106	6,441,465	92,417	SH	SOLE	1	92,417	0	0
KITE REALTY GROUP TRUST	COM	49803T300	9,226,473	441,036	SH	SOLE	1	441,036	0	0
KKR CO INC	COM	48251W104	302,358	5,757	SH	SOLE	1	5,757	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	355,824	31,240	SH	SOLE	1	31,240	0	0
KLA CORP	COM	482480100	19,497,459	48,845	SH	SOLE	1	48,845	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	14,026,408	247,904	SH	SOLE	1	247,904	0	0
KNOWLES CORP	COM	49926D109	833,340	49,020	SH	SOLE	1	49,020	0	0
KODIAK SCIENCES INC	COM	50015M109	99,777	16,093	SH	SOLE	1	16,093	0	0
KOHL'S CORP	COM	500255104	4,012,864	170,470	SH	SOLE	1	170,470	0	0
KONTOOR BRANDS INC	COM	50050N103	1,448,893	29,942	SH	SOLE	1	29,942	0	0
KOPPERS HOLDINGS INC	COM	50060P106	389,041	11,125	SH	SOLE	1	11,125	0	0
KORE GROUP HOLDINGS INC	COM	50066V107	24,801	20,329	SH	SOLE	1	20,329	0	0
KORN FERRY	COM	500643200	1,480,902	28,622	SH	SOLE	1	28,622	0	0
KOSMOS ENERGY LTD	COM	500688106	1,621,511	217,945	SH	SOLE	1	217,945	0	0
KRAFT HEINZ CO/THE	COM	500754106	13,008,665	336,402	SH	SOLE	1	336,402	0	0
KRATOS DEFENSE SECURITY	COM	50077B207	804,095	59,651	SH	SOLE	1	59,651	0	0
KRISPY KREME INC	COM	50101L106	539,087	34,668	SH	SOLE	1	34,668	0	0
KROGER CO	COM	501044101	11,731,596	237,626	SH	SOLE	1	237,626	0	0
KRONOS BIO INC	COM	50107A104	28,669	19,636	SH	SOLE	1	19,636	0	0
KRONOS WORLDWIDE INC	COM	50105F105	98,483	10,693	SH	SOLE	1	10,693	0	0
KRYSTAL BIOTECH INC	COM	501147102	824,298	10,296	SH	SOLE	1	10,296	0	0
KULICKE SOFFA INDUSTRIES	COM	501242101	1,606,255	30,485	SH	SOLE	1	30,485	0	0
KURA ONCOLOGY INC	COM	50127T109	383,667	31,371	SH	SOLE	1	31,371	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	147,021	2,233	SH	SOLE	1	2,233	0	0
KYMERA THERAPEUTICS INC	COM	501575104	540,718	18,249	SH	SOLE	1	18,249	0	0
KYNDRYL HOLDINGS INC	COM	50155Q100	4,663,127	315,930	SH	SOLE	1	315,930	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	9,806,898	49,974	SH	SOLE	1	49,974	0	0
LA Z BOY INC	COM	505336107	682,798	23,480	SH	SOLE	1	23,480	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	6,348,281	27,671	SH	SOLE	1	27,671	0	0

LADDER CAPITAL CORP REIT	COM	505743104	518,229	54,839	SH	SOLE	1	54,839	0	0
LAKELAND BANCORP INC	COM	511637100	469,779	30,037	SH	SOLE	1	30,037	0	0
LAKELAND FINANCIAL CORP	COM	511656100	842,508	13,450	SH	SOLE	1	13,450	0	0
LAM RESEARCH CORP	COM	512807108	24,984,025	47,129	SH	SOLE	1	47,129	0	0
LAMAR ADVERTISING CO A	COM	512816109	13,485,550	135,004	SH	SOLE	1	135,004	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	4,187,176	40,061	SH	SOLE	1	40,061	0	0
LANCASTER COLONY CORP	COM	513847103	8,077,667	39,815	SH	SOLE	1	39,815	0	0
LANDS END INC	COM	51509F105	71,607	7,367	SH	SOLE	1	7,367	0	0
LANDSEA HOMES CORP	COM	51509P103	27,621	4,558	SH	SOLE	1	4,558	0	0
LANDSTAR SYSTEM INC	COM	515098101	9,964,346	55,586	SH	SOLE	1	55,586	0	0
LANTHEUS HOLDINGS INC	COM	516544103	11,434,147	138,495	SH	SOLE	1	138,495	0	0
LAS VEGAS SANDS CORP	COM	517834107	5,160,331	89,823	SH	SOLE	1	89,823	0	0
LATCH INC	COM	51818V106	39,978	52,458	SH	SOLE	1	52,458	0	0
LATHAM GROUP INC	COM	51819L107	59,448	20,786	SH	SOLE	1	20,786	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	20,257,460	212,120	SH	SOLE	1	212,120	0	0
LAUREATE EDUCATION INC	COM	518613203	763,212	64,899	SH	SOLE	1	64,899	0	0
LAZARD LTD CL A	CL A	G54050102	27,581	833	SH	SOLE	1	833	0	0
LCI INDUSTRIES	COM	50189K103	1,494,452	13,602	SH	SOLE	1	13,602	0	0
LEAFLY HOLDINGS INC	COM	52178J105	5,889	14,725	SH	SOLE	1	14,725	0	0
LEAR CORP	COM	521865204	12,726,091	91,233	SH	SOLE	1	91,233	0	0
LEGACY HOUSING CORP	COM	52472M101	96,093	4,222	SH	SOLE	1	4,222	0	0
LEGALZOOMCOM INC	COM	52466B103	434,313	46,302	SH	SOLE	1	46,302	0	0
LEGEND BIOTECH CORP ADR	SPONS ADS	52490G102	28,932	600	SH	SOLE	1	600	0	0
LEGGETT PLATT INC	COM	524660107	6,522,776	204,604	SH	SOLE	1	204,604	0	0
LEIDOS HOLDINGS INC	COM	525327102	3,433,009	37,291	SH	SOLE	1	37,291	0	0
LEMAITRE VASCULAR INC	COM	525558201	547,075	10,629	SH	SOLE	1	10,629	0	0
LEMONADE INC	COM	52567D107	322,875	22,642	SH	SOLE	1	22,642	0	0
LENDINGCLUB CORP	COM	52603A208	367,306	50,944	SH	SOLE	1	50,944	0	0
LENDINGTREE INC	COM	52603B107	153,295	5,750	SH	SOLE	1	5,750	0	0
LENNAR CORP B SHS	COM	526057302	13,218	148	SH	SOLE	1	148	0	0
LENNAR CORP A	COM	526057104	7,230,937	68,794	SH	SOLE	1	68,794	0	0
LENNOX INTERNATIONAL INC	COM	526107107	12,513,744	49,800	SH	SOLE	1	49,800	0	0
LESLIE S INC	COM	527064109	131,338	11,929	SH	SOLE	1	11,929	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	97,669	40,193	SH	SOLE	1	40,193	0	0
LGI HOMES INC	COM	50187T106	1,277,250	11,201	SH	SOLE	1	11,201	0	0
LI CYCLE HOLDINGS CORP	COM	50202P105	371,394	65,967	SH	SOLE	1	65,967	0	0
LIBERTY BROADBAND A	COM	530307107	17,656	215	SH	SOLE	1	215	0	0
LIBERTY BROADBAND C	COM	530307305	119,854	1,467	SH	SOLE	1	1,467	0	0

LIBERTY ENERGY INC	COM	53115L104	832,061	64,954	SH	SOLE	1	64,954	0	0
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	153,394	18,459	SH	SOLE	1	18,459	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	582,008	70,461	SH	SOLE	1	70,461	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	24,017	855	SH	SOLE	1	855	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	49,374	1,764	SH	SOLE	1	1,764	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	167,125	4,833	SH	SOLE	1	4,833	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	612,619	18,184	SH	SOLE	1	18,184	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	15,053	223	SH	SOLE	1	223	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	159,163	2,127	SH	SOLE	1	2,127	0	0
LIFE STORAGE INC	COM	53223X107	17,191,536	131,143	SH	SOLE	1	131,143	0	0
LIFE TIME GROUP HOLDINGS INC	COM	53190C102	323,876	20,293	SH	SOLE	1	20,293	0	0
LIFECORE BIOMEDICAL INC	COM	514766104	47,735	12,645	SH	SOLE	1	12,645	0	0
LIFESTANCE HEALTH GROUP INC	COM	53228F101	259,106	34,873	SH	SOLE	1	34,873	0	0
LIFETIME BRANDS INC	COM	53222Q103	36,309	6,175	SH	SOLE	1	6,175	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	611,651	8,315	SH	SOLE	1	8,315	0	0
LIGHT WONDER INC	COM	80874P109	11,360,559	189,185	SH	SOLE	1	189,185	0	0
LIGHTNING EMOTORS INC	COM	53228T101	7,995	27,906	SH	SOLE	1	27,906	0	0
LIGHTWAVE LOGIC INC	COM	532275104	285,181	54,528	SH	SOLE	1	54,528	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	15,107,563	89,341	SH	SOLE	1	89,341	0	0
LINCOLN NATIONAL CORP	COM	534187109	946,526	42,124	SH	SOLE	1	42,124	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	154,958	16,209	SH	SOLE	1	16,209	0	0
LINDE PLC	PLC SHS	G54950103	53,494,786	150,503	SH	SOLE	1	150,503	0	0
LINDSAY CORP	COM	535555106	908,140	6,009	SH	SOLE	1	6,009	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	311,521	28,141	SH	SOLE	1	28,141	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	578,550	55,737	SH	SOLE	1	55,737	0	0
LIQUIDIA CORP	COM	53635D202	159,158	23,033	SH	SOLE	1	23,033	0	0
LIQUIDITY SERVICES INC	COM	53635B107	175,201	13,303	SH	SOLE	1	13,303	0	0
LITHIA MOTORS INC	CL A	536797103	9,656,267	42,180	SH	SOLE	1	42,180	0	0
LITTELFUSE INC	COM	537008104	10,238,893	38,192	SH	SOLE	1	38,192	0	0
LIVANOVA PLC	COM	G5509L101	4,704,897	107,960	SH	SOLE	1	107,960	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	2,744,350	39,205	SH	SOLE	1	39,205	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	385,119	15,803	SH	SOLE	1	15,803	0	0
LIVENT CORP	COM	53814L108	1,945,764	89,584	SH	SOLE	1	89,584	0	0
LIVEPERSON INC	COM	538146101	169,287	38,387	SH	SOLE	1	38,387	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	763,800	34,829	SH	SOLE	1	34,829	0	0
LIVEVOX HOLDINGS	CL A	53838L100	33,721	10,913	SH	SOLE	1	10,913	0	0

INC										
LKQ CORP	COM	501889208	4,399,865	77,517	SH	SOLE	1	77,517	0	0
LL FLOORING HOLDINGS INC	COM	55003T107	52,835	13,904	SH	SOLE	1	13,904	0	0
LOCAL BOUNTI CORP	COM	53960E106	24,887	31,222	SH	SOLE	1	31,222	0	0
LOCKHEED MARTIN CORP	COM	539830109	28,240,890	59,740	SH	SOLE	1	59,740	0	0
LOEWS CORP	COM	540424108	3,071,463	52,938	SH	SOLE	1	52,938	0	0
LORDSTOWN MOTORS CORP CL A	COM	54405Q100	56,427	85,096	SH	SOLE	1	85,096	0	0
LOUISIANA PACIFIC CORP	COM	546347105	5,998,391	110,651	SH	SOLE	1	110,651	0	0
LOVESAC CO/THE	COM	54738L109	194,295	6,723	SH	SOLE	1	6,723	0	0
LOWE S COS INC	COM	548661107	36,410,938	182,082	SH	SOLE	1	182,082	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	239,642	1,184	SH	SOLE	1	1,184	0	0
LSB INDUSTRIES INC	COM	502160104	368,492	35,672	SH	SOLE	1	35,672	0	0
LTC PROPERTIES INC	COM	502175102	767,766	21,855	SH	SOLE	1	21,855	0	0
LUCID GROUP INC	COM	549498103	860,473	107,024	SH	SOLE	1	107,024	0	0
LUFAX HOLDING LTD ADR	CL A	54975P102	16,863	8,266	SH	SOLE	1	8,266	0	0
LULU S FASHION LOUNGE HOLDIN	COM	55003A108	19,126	8,036	SH	SOLE	1	8,036	0	0
LULULEMON ATHLETICA INC	COM	550021109	3,005,296	8,252	SH	SOLE	1	8,252	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	181,928	68,652	SH	SOLE	1	68,652	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	5,708,371	105,691	SH	SOLE	1	105,691	0	0
LUMINAR TECHNOLOGIES INC	CL A	550424105	786,796	121,232	SH	SOLE	1	121,232	0	0
LUTHER BURBANK CORP	COM	550550107	67,924	7,165	SH	SOLE	1	7,165	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	221,322	13,096	SH	SOLE	1	13,096	0	0
LXP INDUSTRIAL TRUST	COM	529043101	1,534,241	148,811	SH	SOLE	1	148,811	0	0
LYELL IMMUNOPHARMA INC	COM	55083R104	197,079	83,508	SH	SOLE	1	83,508	0	0
LYFT INC A	COM	55087P104	42,049	4,536	SH	SOLE	1	4,536	0	0
LYONDELLBASELL INDU CL A	CL A	N53745100	6,475,781	68,972	SH	SOLE	1	68,972	0	0
M T BANK CORP	COM	55261F104	6,950,604	58,130	SH	SOLE	1	58,130	0	0
M/I HOMES INC	COM	55305B101	920,672	14,593	SH	SOLE	1	14,593	0	0
MACATAWA BANK CORP	COM	554225102	129,569	12,678	SH	SOLE	1	12,678	0	0
MACERICH CO/THE	COM	554382101	4,599,573	433,922	SH	SOLE	1	433,922	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	7,462,073	105,337	SH	SOLE	1	105,337	0	0
MACROGENICS INC	COM	556099109	208,597	29,093	SH	SOLE	1	29,093	0	0
MACY S INC	COM	55616P104	7,316,154	418,305	SH	SOLE	1	418,305	0	0
MADISON SQUARE GARDEN ENTERT	CL A	55826T102	743,396	12,585	SH	SOLE	1	12,585	0	0
MADISON SQUARE GARDEN SPORTS	CL A	55825T103	45,400	233	SH	SOLE	1	233	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	1,488,688	6,145	SH	SOLE	1	6,145	0	0
MAGNITE INC	COM	55955D100	591,510	63,878	SH	SOLE	1	63,878	0	0

MAGNOLIA OIL GAS CORP A	COM	559663109	1,842,077	84,190	SH	SOLE	1	84,190	0	0
MALIBU BOATS INC A	COM	56117J100	554,508	9,823	SH	SOLE	1	9,823	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	14,960,213	96,611	SH	SOLE	1	96,611	0	0
MANITOWOC COMPANY INC	COM	563571405	286,275	16,751	SH	SOLE	1	16,751	0	0
MANNKIND CORP	COM	56400P706	503,722	122,859	SH	SOLE	1	122,859	0	0
MANPOWERGROUP INC	COM	56418H100	6,437,835	78,006	SH	SOLE	1	78,006	0	0
MARATHON DIGITAL HOLDINGS IN	COM	565788106	492,706	56,503	SH	SOLE	1	56,503	0	0
MARATHON OIL CORP	COM	565849106	4,541,906	189,562	SH	SOLE	1	189,562	0	0
MARATHON PETROLEUM CORP	COM	56585A102	16,062,972	119,135	SH	SOLE	1	119,135	0	0
MARAVAI LIFESCIENCES HLDGS A	CL A	56600D107	22,892	1,634	SH	SOLE	1	1,634	0	0
MARCUS MILLICHAP INC	COM	566324109	440,453	13,717	SH	SOLE	1	13,717	0	0
MARCUS CORPORATION	COM	566330106	208,432	13,027	SH	SOLE	1	13,027	0	0
MARINE PRODUCTS CORP	COM	568427108	52,945	4,014	SH	SOLE	1	4,014	0	0
MARINEMAX INC	COM	567908108	337,640	11,744	SH	SOLE	1	11,744	0	0
MARKEL CORP	COM	570535104	191,612	150	SH	SOLE	1	150	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	4,648,134	11,879	SH	SOLE	1	11,879	0	0
MARKETWISE INC	CL A	57064P107	15,201	8,217	SH	SOLE	1	8,217	0	0
MARKFORGED HOLDING CORP	COM	57064N102	52,647	54,909	SH	SOLE	1	54,909	0	0
MARQETA INC A	COM	57142B104	957,680	209,558	SH	SOLE	1	209,558	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	14,480,680	87,212	SH	SOLE	1	87,212	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	7,972,653	59,118	SH	SOLE	1	59,118	0	0
MARSH MCLENNAN COS	COM	571748102	27,065,707	162,508	SH	SOLE	1	162,508	0	0
MARTEN TRANSPORT LTD	COM	573075108	666,084	31,794	SH	SOLE	1	31,794	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	5,993,413	16,880	SH	SOLE	1	16,880	0	0
MARVELL TECHNOLOGY INC	COM	573874104	1,989,115	45,938	SH	SOLE	1	45,938	0	0
MASCO CORP	COM	574599106	3,059,421	61,533	SH	SOLE	1	61,533	0	0
MASIMO CORP	COM	574795100	13,800,455	74,783	SH	SOLE	1	74,783	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	975,051	10,742	SH	SOLE	1	10,742	0	0
MASTEC INC	COM	576323109	8,635,499	91,439	SH	SOLE	1	91,439	0	0
MASTERBRAND INC	COM	57638P104	77,297	9,614	SH	SOLE	1	9,614	0	0
MASTERCARD INC A	COM	57636Q104	91,851,151	252,748	SH	SOLE	1	252,748	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	258,412	8,492	SH	SOLE	1	8,492	0	0
MATADOR RESOURCES CO	COM	576485205	10,788,627	226,414	SH	SOLE	1	226,414	0	0
MATCH GROUP INC	COM	57667L107	2,958,564	77,066	SH	SOLE	1	77,066	0	0
MATERION CORP	COM	576690101	1,293,980	11,155	SH	SOLE	1	11,155	0	0
MATIV HOLDINGS INC	COM	808541106	638,539	29,741	SH	SOLE	1	29,741	0	0
MATSON INC	COM	57686G105	1,218,879	20,427	SH	SOLE	1	20,427	0	0
MATTEL INC	COM	577081102	10,081,739	547,623	SH	SOLE	1	547,623	0	0

MATTERPORT INC	CL A	577096100	295,271	108,158	SH	SOLE	1	108,158	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	589,473	16,347	SH	SOLE	1	16,347	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	1,812,732	35,502	SH	SOLE	1	35,502	0	0
MAXCYTE INC	COM	57777K106	210,543	42,534	SH	SOLE	1	42,534	0	0
MAXIMUS INC	COM	577933104	9,632,408	122,394	SH	SOLE	1	122,394	0	0
MAXLINEAR INC	COM	57776J100	1,397,661	39,695	SH	SOLE	1	39,695	0	0
MBIA INC	COM	55262C100	214,647	23,180	SH	SOLE	1	23,180	0	0
MCCORMICK CO NON VTG SHRS	COM	579780206	6,339,354	76,185	SH	SOLE	1	76,185	0	0
MCDONALD S CORP	COM	580135101	53,803,115	192,422	SH	SOLE	1	192,422	0	0
MCGRATH RENTCORP	COM	580589109	1,091,260	11,695	SH	SOLE	1	11,695	0	0
MCKESSON CORP	COM	58155Q103	12,793,589	35,932	SH	SOLE	1	35,932	0	0
MDC HOLDINGS INC	COM	552676108	1,237,426	31,835	SH	SOLE	1	31,835	0	0
MDU RESOURCES GROUP INC	COM	552690109	9,563,222	313,754	SH	SOLE	1	313,754	0	0
MEDIAALPHA INC CLASS A	CL A	58450V104	178,142	11,892	SH	SOLE	1	11,892	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	7,596,686	924,171	SH	SOLE	1	924,171	0	0
MEDIFAST INC	COM	58470H101	615,903	5,941	SH	SOLE	1	5,941	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	9,565,351	50,866	SH	SOLE	1	50,866	0	0
MEDTRONIC PLC	COM	G5960L103	28,030,042	347,681	SH	SOLE	1	347,681	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	81,795	15,821	SH	SOLE	1	15,821	0	0
MERCADOLIBRE INC	COM	58733R102	3,566,670	2,706	SH	SOLE	1	2,706	0	0
MERCANTILE BANK CORP	COM	587376104	227,240	7,431	SH	SOLE	1	7,431	0	0
MERCER INTERNATIONAL INC	COM	588056101	24,965	2,554	SH	SOLE	1	2,554	0	0
MERCHANTS BANCORP/IN	COM	58844R108	197,722	7,593	SH	SOLE	1	7,593	0	0
MERCK CO. INC.	COM	58933Y105	71,087,777	668,181	SH	SOLE	1	668,181	0	0
MERCURY GENERAL CORP	COM	589400100	463,341	14,598	SH	SOLE	1	14,598	0	0
MERCURY SYSTEMS INC	COM	589378108	4,578,818	89,570	SH	SOLE	1	89,570	0	0
MERIDIANLINK INC	COM	58985J105	191,944	11,095	SH	SOLE	1	11,095	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	2,261,465	30,581	SH	SOLE	1	30,581	0	0
MERITAGE HOMES CORP	COM	59001A102	2,317,219	19,846	SH	SOLE	1	19,846	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	183,594	44,670	SH	SOLE	1	44,670	0	0
MESA LABORATORIES INC	COM	59064R109	485,924	2,781	SH	SOLE	1	2,781	0	0
META PLATFORMS INC CLASS A	COM	30303M102	148,697,952	701,604	SH	SOLE	1	701,604	0	0
METHODE ELECTRONICS INC	COM	591520200	850,702	19,387	SH	SOLE	1	19,387	0	0
METLIFE INC	COM	59156R108	9,981,092	172,266	SH	SOLE	1	172,266	0	0
METROCITY BANKSHARES INC	COM	59165J105	152,204	8,906	SH	SOLE	1	8,906	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	168,637	4,976	SH	SOLE	1	4,976	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	9,654,095	6,309	SH	SOLE	1	6,309	0	0

MFA FINANCIAL INC	COM	55272X607	491,486	49,545	SH	SOLE	1	49,545	0	0
MGE ENERGY INC	COM	55277P104	1,364,895	17,573	SH	SOLE	1	17,573	0	0
MGIC INVESTMENT CORP	COM	552848103	6,076,334	452,782	SH	SOLE	1	452,782	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	3,794,712	85,428	SH	SOLE	1	85,428	0	0
MGP INGREDIENTS INC	COM	55303J106	749,677	7,751	SH	SOLE	1	7,751	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	16,422,220	196,016	SH	SOLE	1	196,016	0	0
MICRON TECHNOLOGY INC	COM	595112103	22,600,287	374,549	SH	SOLE	1	374,549	0	0
MICROSOFT CORP	COM	594918104	703,393,187	2,439,796	SH	SOLE	1	2,439,796	0	0
MICROSTRATEGY INC CL A	CL A	594972408	1,363,380	4,664	SH	SOLE	1	4,664	0	0
MICROVAST HOLDINGS INC	COM	59516C106	103,194	83,221	SH	SOLE	1	83,221	0	0
MICROVISION INC	COM	594960304	213,384	79,919	SH	SOLE	1	79,919	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	4,733,443	31,339	SH	SOLE	1	31,339	0	0
MID PENN BANCORP INC	COM	59540G107	177,144	6,917	SH	SOLE	1	6,917	0	0
MIDDLEBY CORP	COM	596278101	12,191,501	83,156	SH	SOLE	1	83,156	0	0
MIDDLESEX WATER CO	COM	596680108	741,906	9,497	SH	SOLE	1	9,497	0	0
MIDLAND STATES BANCORP INC	COM	597742105	218,870	10,218	SH	SOLE	1	10,218	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	166,740	6,828	SH	SOLE	1	6,828	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	189,123	5,350	SH	SOLE	1	5,350	0	0
MILLERKNOLL INC	COM	600544100	848,102	41,472	SH	SOLE	1	41,472	0	0
MIMEDX GROUP INC	COM	602496101	185,695	54,456	SH	SOLE	1	54,456	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	1,069,434	17,700	SH	SOLE	1	17,700	0	0
MINERALYS THERAPEUTICS INC	COM	603170101	91,439	5,839	SH	SOLE	1	5,839	0	0
MINISO GROUP HOLDING LTD ADR	SPONS ADS	66981J102	23,062	1,300	SH	SOLE	1	1,300	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	16,694	449	SH	SOLE	1	449	0	0
MIRION TECHNOLOGIES INC	CL A	60471A101	564,665	66,120	SH	SOLE	1	66,120	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	213,322	8,881	SH	SOLE	1	8,881	0	0
MISSION PRODUCE INC	COM	60510V108	214,934	19,346	SH	SOLE	1	19,346	0	0
MISTER CAR WASH INC	COM	60646V105	52,582	6,100	SH	SOLE	1	6,100	0	0
MITEK SYSTEMS INC	COM	606710200	195,406	20,376	SH	SOLE	1	20,376	0	0
MKS INSTRUMENTS INC	COM	55306N104	7,821,069	88,254	SH	SOLE	1	88,254	0	0
MODEL N INC	COM	607525102	603,397	18,028	SH	SOLE	1	18,028	0	0
MODERNA INC	COM	60770K107	18,034,746	117,429	SH	SOLE	1	117,429	0	0
MODINE MANUFACTURING CO	COM	607828100	553,615	24,018	SH	SOLE	1	24,018	0	0
MODIVCARE INC	COM	60783X104	580,993	6,910	SH	SOLE	1	6,910	0	0
MOELIS CO CLASS A	COM	60786M105	1,182,645	30,766	SH	SOLE	1	30,766	0	0
MOHAWK INDUSTRIES INC	COM	608190104	1,434,549	14,314	SH	SOLE	1	14,314	0	0
MOLINA HEALTHCARE	COM	60855R100	5,501,467	20,567	SH	SOLE	1	20,567	0	0

Company Name	Exchange	Symbol	Market Cap	Shares	Price	Market Cap	Shares	Price	Market Cap	Shares	Price
INC											
MOLSON COORS BEVERAGE CO B	CL B	60871R209	2,630,512	50,900	SH	SOLE	1	50,900	0	0	0
MOMENTIVE GLOBAL INC	COM	60878Y108	586,228	62,900	SH	SOLE	1	62,900	0	0	0
MOMENTUS INC	CL A	60879E101	15,841	27,079	SH	SOLE	1	27,079	0	0	0
MONARCH CASINO RESORT INC	COM	609027107	538,626	7,264	SH	SOLE	1	7,264	0	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	30,072,537	431,333	SH	SOLE	1	431,333	0	0	0
MONEYGRAM INTERNATIONAL INC	COM	60935Y208	471,682	45,267	SH	SOLE	1	45,267	0	0	0
MONEYLION INC	CL A	60938K106	39,968	70,391	SH	SOLE	1	70,391	0	0	0
MONGODB INC	COM	60937P106	230,089	987	SH	SOLE	1	987	0	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	6,583,102	13,152	SH	SOLE	1	13,152	0	0	0
MONRO INC	COM	610236101	843,029	17,055	SH	SOLE	1	17,055	0	0	0
MONSTER BEVERAGE CORP	COM	61174X109	15,034,008	278,356	SH	SOLE	1	278,356	0	0	0
MONTAUK RENEWABLES INC	COM	61218C103	244,631	31,084	SH	SOLE	1	31,084	0	0	0
MONTE ROSA THERAPEUTICS INC	COM	61225M102	111,825	14,355	SH	SOLE	1	14,355	0	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	472,877	13,257	SH	SOLE	1	13,257	0	0	0
MOODY S CORP	COM	615369105	16,718,791	54,633	SH	SOLE	1	54,633	0	0	0
MOOG INC CLASS A	COM	615394202	1,575,428	15,637	SH	SOLE	1	15,637	0	0	0
MORGAN STANLEY	COM	617446448	35,849,530	408,309	SH	SOLE	1	408,309	0	0	0
MORNINGSTAR INC	COM	617700109	72,888	359	SH	SOLE	1	359	0	0	0
MORPHIC HOLDING INC	COM	61775R105	467,526	12,421	SH	SOLE	1	12,421	0	0	0
MOSAIC CO/THE	COM	61945C103	4,826,576	105,200	SH	SOLE	1	105,200	0	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	68,210	9,168	SH	SOLE	1	9,168	0	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	13,484,162	47,126	SH	SOLE	1	47,126	0	0	0
MOVADO GROUP INC	COM	624580106	238,733	8,298	SH	SOLE	1	8,298	0	0	0
MP MATERIALS CORP	CL A	553368101	4,027,590	142,873	SH	SOLE	1	142,873	0	0	0
MR COOPER GROUP INC	COM	62482R107	1,550,592	37,847	SH	SOLE	1	37,847	0	0	0
MRC GLOBAL INC	COM	55345K103	389,519	40,074	SH	SOLE	1	40,074	0	0	0
MSA SAFETY INC	COM	553498106	7,599,221	56,923	SH	SOLE	1	56,923	0	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	6,132,000	73,000	SH	SOLE	1	73,000	0	0	0
MSCI INC	COM	55354G100	13,925,087	24,880	SH	SOLE	1	24,880	0	0	0
MUELLER INDUSTRIES INC	COM	624756102	2,249,002	30,607	SH	SOLE	1	30,607	0	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	1,049,292	75,272	SH	SOLE	1	75,272	0	0	0
MULLEN AUTOMOTIVE INC	COM	62526P109	64,195	488,916	SH	SOLE	1	488,916	0	0	0
MULTIPLAN CORP	COM	62548M100	193,328	182,385	SH	SOLE	1	182,385	0	0	0
MURPHY OIL CORP	COM	626717102	10,914,684	295,151	SH	SOLE	1	295,151	0	0	0
MURPHY USA INC	COM	626755102	10,423,672	40,394	SH	SOLE	1	40,394	0	0	0
MVB FINANCIAL CORP	COM	553810102	102,003	4,942	SH	SOLE	1	4,942	0	0	0
MYERS INDUSTRIES INC	COM	628464109	424,828	19,824	SH	SOLE	1	19,824	0	0	0

MYR GROUP INC/DELAWARE	COM	55405W104	1,129,554	8,964	SH	SOLE	1	8,964	0	0
MYRIAD GENETICS INC	COM	62855J104	1,010,737	43,510	SH	SOLE	1	43,510	0	0
N ABLE INC	COM	62878D100	490,257	37,141	SH	SOLE	1	37,141	0	0
N B T BANCORP INC	COM	628778102	771,824	22,896	SH	SOLE	1	22,896	0	0
NABORS INDUSTRIES LTD	COM	G6359F137	602,723	4,944	SH	SOLE	1	4,944	0	0
NACCO INDUSTRIES CL A	CL A	629579103	70,553	1,956	SH	SOLE	1	1,956	0	0
NANO X IMAGING LTD	LTD ORD SHS	M70700105	127,396	22,079	SH	SOLE	1	22,079	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	221,928	22,417	SH	SOLE	1	22,417	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	571,254	15,201	SH	SOLE	1	15,201	0	0
NASDAQ INC	COM	631103108	6,536,892	119,570	SH	SOLE	1	119,570	0	0
NATERA INC	COM	632307104	78,783	1,419	SH	SOLE	1	1,419	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	551,622	16,486	SH	SOLE	1	16,486	0	0
NATIONAL BEVERAGE CORP	COM	635017106	678,770	12,875	SH	SOLE	1	12,875	0	0
NATIONAL ENERGY SERVICES REU	COM	G6375R107	96,842	18,411	SH	SOLE	1	18,411	0	0
NATIONAL FUEL GAS CO	COM	636180101	8,177,832	141,632	SH	SOLE	1	141,632	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	352,485	6,070	SH	SOLE	1	6,070	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	10,563,236	201,550	SH	SOLE	1	201,550	0	0
NATIONAL PRESTO INDS INC	COM	637215104	201,564	2,796	SH	SOLE	1	2,796	0	0
NATIONAL RESEARCH CORP	COM	637372202	295,476	6,791	SH	SOLE	1	6,791	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	12,361,426	279,987	SH	SOLE	1	279,987	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	5,447,820	130,393	SH	SOLE	1	130,393	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	807,577	42,865	SH	SOLE	1	42,865	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	265,669	1,095	SH	SOLE	1	1,095	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,039,904	20,161	SH	SOLE	1	20,161	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	52,570	4,474	SH	SOLE	1	4,474	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	66,120	6,476	SH	SOLE	1	6,476	0	0
NAUTILUS BIOTECHNOLOGY INC	COM	63909J108	63,727	23,006	SH	SOLE	1	23,006	0	0
NAVIENT CORP	COM	63938C108	3,273,505	204,722	SH	SOLE	1	204,722	0	0
NCINO INC	COM	63947X101	19,006	767	SH	SOLE	1	767	0	0
NCR CORPORATION	COM	62886E108	5,021,533	212,867	SH	SOLE	1	212,867	0	0
NECESSITY RETAIL REIT INC/TH	COM	02607T109	405,104	64,507	SH	SOLE	1	64,507	0	0
NEKTAR THERAPEUTICS	COM	640268108	69,924	99,479	SH	SOLE	1	99,479	0	0
NELNET INC CL A	CL A	64031N108	646,538	7,036	SH	SOLE	1	7,036	0	0
NEOGAMES SA	CL A	L6673X107	95,441	6,279	SH	SOLE	1	6,279	0	0
NEOGEN CORP	COM	640491106	8,076,035	436,071	SH	SOLE	1	436,071	0	0
NEOGENOMICS INC	COM	64049M209	1,196,798	68,742	SH	SOLE	1	68,742	0	0

NERDWALLET INC CL A	CL A	64082B102	202,978	12,545	SH	SOLE	1	12,545	0	0
NERDY INC	CL A	64081V109	112,618	26,942	SH	SOLE	1	26,942	0	0
NETAPP INC	COM	64110D104	9,468,891	148,299	SH	SOLE	1	148,299	0	0
NETFLIX INC	COM	64110L106	52,326,746	151,461	SH	SOLE	1	151,461	0	0
NETGEAR INC	COM	64111Q104	286,831	15,496	SH	SOLE	1	15,496	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	1,060,279	37,008	SH	SOLE	1	37,008	0	0
NETSTREIT CORP	COM	64119V303	486,266	26,601	SH	SOLE	1	26,601	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	15,131,074	149,487	SH	SOLE	1	149,487	0	0
NEVRO CORP	COM	64157F103	608,947	16,845	SH	SOLE	1	16,845	0	0
NEW FORTRESS ENERGY INC	CL A	644393100	24,133	820	SH	SOLE	1	820	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	10,373,681	194,994	SH	SOLE	1	194,994	0	0
NEW RELIC INC	COM	64829B100	59,705	793	SH	SOLE	1	793	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	9,500,932	1,050,988	SH	SOLE	1	1,050,988	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604840	503,219	50,524	SH	SOLE	1	50,524	0	0
NEW YORK TIMES CO A	COM	650111107	9,875,870	254,009	SH	SOLE	1	254,009	0	0
NEWELL BRANDS INC	COM	651229106	1,271,069	102,176	SH	SOLE	1	102,176	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	461,828	65,230	SH	SOLE	1	65,230	0	0
NEWMARKET CORP	COM	651587107	3,766,594	10,320	SH	SOLE	1	10,320	0	0
NEWMONT CORP	COM	651639106	12,085,538	246,543	SH	SOLE	1	246,543	0	0
NEWPARK RESOURCES INC	COM	651718504	160,287	41,633	SH	SOLE	1	41,633	0	0
NEWS CORP CLASS A	COM	65249B109	1,792,039	103,766	SH	SOLE	1	103,766	0	0
NEWS CORP CLASS B	COM	65249B208	557,795	32,002	SH	SOLE	1	32,002	0	0
NEXPOINT REAL ESTATE FINANCE	COM	65342V101	60,768	3,878	SH	SOLE	1	3,878	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	539,936	12,364	SH	SOLE	1	12,364	0	0
NEXSTAR MEDIA GROUP INC	CL A	65336K103	10,045,877	58,183	SH	SOLE	1	58,183	0	0
NEXTDECADE CORP	COM	65342K105	86,781	17,461	SH	SOLE	1	17,461	0	0
NEXTERA ENERGY INC	COM	65339F101	40,035,506	519,402	SH	SOLE	1	519,402	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	520,681	29,907	SH	SOLE	1	29,907	0	0
NEXTTIER OILFIELD SOLUTIONS I	COM	65290C105	754,288	94,879	SH	SOLE	1	94,879	0	0
NEXTNAV INC	COM	65345N106	64,901	31,971	SH	SOLE	1	31,971	0	0
NEXTRACKER INC CL A	CL A	65290E101	539,766	14,886	SH	SOLE	1	14,886	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	79,609	19,512	SH	SOLE	1	19,512	0	0
NI HOLDINGS INC	COM	65342T106	53,066	4,082	SH	SOLE	1	4,082	0	0
NICOLET BANKSHARES INC	COM	65406E102	374,013	5,932	SH	SOLE	1	5,932	0	0
NIKE INC CL B	COM	654106103	39,930,358	325,590	SH	SOLE	1	325,590	0	0
NIKOLA CORP	COM	654110105	197,904	163,557	SH	SOLE	1	163,557	0	0
NIO INC ADR	ADR	62914V106	204,199	19,429	SH	SOLE	1	19,429	0	0
NISOURCE INC	COM	65473P105	3,082,338	110,241	SH	SOLE	1	110,241	0	0
NKARTA INC	COM	65487U108	56,129	15,811	SH	SOLE	1	15,811	0	0

NL INDUSTRIES	COM	629156407	24,458	4,036	SH	SOLE	1	4,036	0	0
NLIGHT INC	COM	65487K100	218,290	21,443	SH	SOLE	1	21,443	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,003,198	44,926	SH	SOLE	1	44,926	0	0
NOBLE CORP PLC	ORD SHS A	G65431127	1,606,666	40,706	SH	SOLE	1	40,706	0	0
NOODLES CO	COM	65540B105	95,734	19,739	SH	SOLE	1	19,739	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	392,357	99,080	SH	SOLE	1	99,080	0	0
NORDSON CORP	COM	655663102	3,264,555	14,688	SH	SOLE	1	14,688	0	0
NORDSTROM INC	COM	655664100	2,820,567	173,360	SH	SOLE	1	173,360	0	0
NORFOLK SOUTHERN CORP	COM	655844108	12,621,632	59,536	SH	SOLE	1	59,536	0	0
NORTHEAST BANK	COM	66405S100	106,298	3,158	SH	SOLE	1	3,158	0	0
NORTHERN OIL AND GAS INC	COM	665531307	1,110,112	36,577	SH	SOLE	1	36,577	0	0
NORTHERN TRUST CORP	COM	665859104	5,200,639	59,011	SH	SOLE	1	59,011	0	0
NORTHFIELD BANCORP INC	COM	66611T108	273,920	23,253	SH	SOLE	1	23,253	0	0
NORTHROP GRUMMAN CORP	COM	666807102	17,465,482	37,827	SH	SOLE	1	37,827	0	0
NORTHWEST BANCSHARES INC	COM	667340103	802,293	66,691	SH	SOLE	1	66,691	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	901,595	18,957	SH	SOLE	1	18,957	0	0
NORTHWEST PIPE CO	COM	667746101	147,281	4,716	SH	SOLE	1	4,716	0	0
NORTHWESTERN CORP	COM	668074305	6,745,145	116,577	SH	SOLE	1	116,577	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	1,540,052	114,502	SH	SOLE	1	114,502	0	0
NOV INC	COM	62955J103	11,218,504	606,078	SH	SOLE	1	606,078	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	718,031	115,439	SH	SOLE	1	115,439	0	0
NOVANTA INC	COM	67000B104	11,431,889	71,858	SH	SOLE	1	71,858	0	0
NOVAVAX INC	COM	670002401	8,850	1,277	SH	SOLE	1	1,277	0	0
NOVOCURE LTD	COM	G6674U108	92,435	1,537	SH	SOLE	1	1,537	0	0
NOW INC	COM	67011P100	671,565	60,230	SH	SOLE	1	60,230	0	0
NRG ENERGY INC	COM	629377508	2,146,074	62,586	SH	SOLE	1	62,586	0	0
NRG ENERGY INC	COM NEW	629377508	1,166	34	SH	SOLE	2	34	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	1,055,591	26,853	SH	SOLE	1	26,853	0	0
NUCOR CORP	COM	670346105	12,445,493	80,569	SH	SOLE	1	80,569	0	0
NURIX THERAPEUTICS INC	COM	67080M103	198,868	22,395	SH	SOLE	1	22,395	0	0
NUSCALE POWER CORP	CL A	67079K100	137,532	15,130	SH	SOLE	1	15,130	0	0
NUTANIX INC A	COM	67059N108	75,033	2,887	SH	SOLE	1	2,887	0	0
NUTEX HEALTH INC	COM	67079U108	123,393	122,171	SH	SOLE	1	122,171	0	0
NUVALENT INC A	COM	670703107	253,464	9,715	SH	SOLE	1	9,715	0	0
NUVASIVE INC	COM	670704105	1,180,309	28,572	SH	SOLE	1	28,572	0	0
NUVATION BIO INC	CL A	67080N101	93,254	56,177	SH	SOLE	1	56,177	0	0
NV5 GLOBAL INC	COM	62945V109	760,645	7,316	SH	SOLE	1	7,316	0	0
NVENT ELECTRIC PLC	COM	G6700G107	11,036,739	257,027	SH	SOLE	1	257,027	0	0
NVIDIA CORP	COM	67066G104	235,655,068	848,382	SH	SOLE	1	848,382	0	0
NVR INC	COM	62944T105	4,591,485	824	SH	SOLE	1	824	0	0

NXP SEMICONDUCTORS NV	COM	N6596X109	16,660,236	89,343	SH	SOLE	1	89,343	0	0
O I GLASS INC	COM	67098H104	1,908,480	84,037	SH	SOLE	1	84,037	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	19,106,295	22,505	SH	SOLE	1	22,505	0	0
OAK STREET HEALTH INC	COM	67181A107	45,333	1,172	SH	SOLE	1	1,172	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	13,585,330	217,609	SH	SOLE	1	217,609	0	0
OCEANEERING INTL INC	COM	675232102	962,986	54,622	SH	SOLE	1	54,622	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	517,810	28,020	SH	SOLE	1	28,020	0	0
OCUGEN INC	COM	67577C105	89,448	104,850	SH	SOLE	1	104,850	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	195,986	37,189	SH	SOLE	1	37,189	0	0
ODP CORP/THE	COM	88337F105	983,803	21,872	SH	SOLE	1	21,872	0	0
OFFERPAD SOLUTIONS INC	CL A	67623L109	17,365	32,951	SH	SOLE	1	32,951	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	322,346	26,207	SH	SOLE	1	26,207	0	0
OFG BANCORP	COM	67103X102	636,045	25,503	SH	SOLE	1	25,503	0	0
OGE ENERGY CORP	COM	670837103	11,633,325	308,904	SH	SOLE	1	308,904	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	286,769	34,426	SH	SOLE	1	34,426	0	0
OKTA INC	COM	679295105	139,881	1,622	SH	SOLE	1	1,622	0	0
OLAPLEX HOLDINGS INC	COM	679369108	7,895	1,849	SH	SOLE	1	1,849	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	13,123,363	38,503	SH	SOLE	1	38,503	0	0
OLD NATIONAL BANCORP	COM	680033107	8,516,048	590,572	SH	SOLE	1	590,572	0	0
OLD REPUBLIC INTL CORP	COM	680223104	10,628,555	425,653	SH	SOLE	1	425,653	0	0
OLD SECOND BANCORP INC	COM	680277100	287,485	20,447	SH	SOLE	1	20,447	0	0
OLIN CORP	COM	680665205	10,535,954	189,837	SH	SOLE	1	189,837	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	5,178,214	89,372	SH	SOLE	1	89,372	0	0
OLO INC CLASS A	CL A	68134L109	354,177	43,404	SH	SOLE	1	43,404	0	0
OLYMPIC STEEL INC	COM	68162K106	273,476	5,238	SH	SOLE	1	5,238	0	0
OMEGA FLEX INC	COM	682095104	175,518	1,575	SH	SOLE	1	1,575	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	9,907,482	361,455	SH	SOLE	1	361,455	0	0
OMNIAB INC	COM	68218J103	136,870	37,193	SH	SOLE	1	37,193	0	0
OMNICELL INC	COM	68213N109	5,272,673	89,870	SH	SOLE	1	89,870	0	0
OMNICOM GROUP	COM	681919106	5,189,077	55,004	SH	SOLE	1	55,004	0	0
ON SEMICONDUCTOR	COM	682189105	10,963,378	133,180	SH	SOLE	1	133,180	0	0
ON24 INC	COM	68339B104	178,932	20,426	SH	SOLE	1	20,426	0	0
ONCOLOGY INSTITUTE INC/THE	COM	68236X100	11,744	17,324	SH	SOLE	1	17,324	0	0
ONDAS HOLDINGS INC	COM	68236H204	18,813	17,419	SH	SOLE	1	17,419	0	0
ONE GAS INC	COM	68235P108	8,632,188	108,951	SH	SOLE	1	108,951	0	0
ONE GROUP HOSPITALITY INC/TH	COM	88338K103	88,225	10,892	SH	SOLE	1	10,892	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	180,597	7,876	SH	SOLE	1	7,876	0	0

ONEMAIN HOLDINGS INC	COM	68268W103	42,864	1,156	SH	SOLE	1	1,156	0	0
ONEOK INC	COM	682680103	7,784,095	122,507	SH	SOLE	1	122,507	0	0
ONESPAN INC	COM	68287N100	373,818	21,361	SH	SOLE	1	21,361	0	0
ONESPAWORLD HOLDINGS LTD	COM	P73684113	384,052	32,031	SH	SOLE	1	32,031	0	0
ONEWATER MARINE INC CL A	CL A	68280L101	154,394	5,520	SH	SOLE	1	5,520	0	0
ONTO INNOVATION INC	COM	683344105	2,378,472	27,065	SH	SOLE	1	27,065	0	0
OOMA INC	COM	683416101	141,338	11,298	SH	SOLE	1	11,298	0	0
OPEN LENDING CORP CL A	CL A	68373J104	358,491	50,922	SH	SOLE	1	50,922	0	0
OPENDOOR TECHNOLOGIES INC	COM	683712103	9,367	5,322	SH	SOLE	1	5,322	0	0
OPKO HEALTH INC	COM	68375N103	284,493	194,858	SH	SOLE	1	194,858	0	0
OPORTUN FINANCIAL CORP	COM	68376D104	52,427	13,582	SH	SOLE	1	13,582	0	0
OPPENHEIMER HOLDINGS CL A	CL A	683797104	148,966	3,805	SH	SOLE	1	3,805	0	0
OPPI INC	CL A	68386H103	9,528	4,648	SH	SOLE	1	4,648	0	0
OPTIMIZERX CORP	COM	68401U204	117,991	8,065	SH	SOLE	1	8,065	0	0
OPTION CARE HEALTH INC	COM	68404L201	10,713,130	337,209	SH	SOLE	1	337,209	0	0
ORACLE CORP	COM	68389X105	37,508,459	403,664	SH	SOLE	1	403,664	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	237,408	39,241	SH	SOLE	1	39,241	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X301	193,655	18,048	SH	SOLE	1	18,048	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	72,953	34,250	SH	SOLE	1	34,250	0	0
ORGANON CO	COM	68622V106	1,623,891	69,043	SH	SOLE	1	69,043	0	0
ORIGIN BANCORP INC	COM	68621T102	348,570	10,842	SH	SOLE	1	10,842	0	0
ORIGIN MATERIALS INC	COM	68622D106	216,519	50,707	SH	SOLE	1	50,707	0	0
ORION ENGINEERED CARBONS SA	COM	L72967109	761,776	29,198	SH	SOLE	1	29,198	0	0
ORION OFFICE REIT INC	COM	68629Y103	208,551	31,127	SH	SOLE	1	31,127	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	8,960,698	105,706	SH	SOLE	1	105,706	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	98,208	4,945	SH	SOLE	1	4,945	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	313,426	18,712	SH	SOLE	1	18,712	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	324,203	7,320	SH	SOLE	1	7,320	0	0
OSCAR HEALTH INC CLASS A	CL A	687793109	380,896	58,241	SH	SOLE	1	58,241	0	0
OSHKOSH CORP	COM	688239201	8,393,195	100,904	SH	SOLE	1	100,904	0	0
OSI SYSTEMS INC	COM	671044105	892,784	8,722	SH	SOLE	1	8,722	0	0
OTIS WORLDWIDE CORP	COM	68902V107	9,792,004	116,019	SH	SOLE	1	116,019	0	0
OTTER TAIL CORP	COM	689648103	1,625,280	22,489	SH	SOLE	1	22,489	0	0
OUSTER INC	COM	68989M103	112,914	134,952	SH	SOLE	1	134,952	0	0
OUTBRAIN INC	COM	69002R103	72,651	17,591	SH	SOLE	1	17,591	0	0
OUTFRONT MEDIA INC	COM	69007J106	1,297,231	79,928	SH	SOLE	1	79,928	0	0
OUTLOOK THERAPEUTICS INC	COM	69012T206	81,359	74,641	SH	SOLE	1	74,641	0	0
OUTSET MEDICAL INC	COM	690145107	430,302	23,386	SH	SOLE	1	23,386	0	0

OVERSTOCK.COM INC	COM	690370101	416,711	20,558	SH	SOLE	1	20,558	0	0
OVINTIV INC	COM	69047Q102	119,461	3,311	SH	SOLE	1	3,311	0	0
OWENS MINOR INC	COM	690732102	588,460	40,444	SH	SOLE	1	40,444	0	0
OWENS CORNING	COM	690742101	13,814,360	144,200	SH	SOLE	1	144,200	0	0
OWLET INC	CL A	69120X107	11,094	34,198	SH	SOLE	1	34,198	0	0
OXFORD INDUSTRIES INC	COM	691497309	861,826	8,162	SH	SOLE	1	8,162	0	0
OZON HOLDINGS PLC ADR	SPNSRD ADS	69269L104	0	701	SH	SOLE	1	701	0	0
P G E CORP	COM	69331C108	7,129,094	440,884	SH	SOLE	1	440,884	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	91,129	3,183	SH	SOLE	1	3,183	0	0
P3 HEALTH PARTNERS INC	CL A	744413105	12,435	11,731	SH	SOLE	1	11,731	0	0
PACCAR INC	COM	693718108	13,997,524	191,223	SH	SOLE	1	191,223	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	1,384,343	119,546	SH	SOLE	1	119,546	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,231,553	51,272	SH	SOLE	1	51,272	0	0
PACIRA BIOSCIENCES INC	COM	695127100	1,003,436	24,588	SH	SOLE	1	24,588	0	0
PACKAGING CORP OF AMERICA	COM	695156109	4,298,593	30,963	SH	SOLE	1	30,963	0	0
PACTIV EVERGREEN INC	COM	69526K105	166,904	20,863	SH	SOLE	1	20,863	0	0
PACWEST BANCORP	COM	695263103	1,767,221	181,626	SH	SOLE	1	181,626	0	0
PAGERDUTY INC	COM	69553P100	1,459,995	41,738	SH	SOLE	1	41,738	0	0
PALANTIR TECHNOLOGIES INC A	CL A	69608A108	231,293	27,372	SH	SOLE	1	27,372	0	0
PALO ALTO NETWORKS INC	COM	697435105	3,254,364	16,293	SH	SOLE	1	16,293	0	0
PALOMAR HOLDINGS INC	COM	69753M105	735,098	13,317	SH	SOLE	1	13,317	0	0
PAPA JOHN S INTL INC	COM	698813102	4,872,398	65,026	SH	SOLE	1	65,026	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	791,729	27,114	SH	SOLE	1	27,114	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	434,586	12,797	SH	SOLE	1	12,797	0	0
PARAGON 28 INC	COM	69913P105	401,640	23,529	SH	SOLE	1	23,529	0	0
PARAMOUNT GLOBAL CLASS A	CL A	92556H107	2,403	93	SH	SOLE	1	93	0	0
PARAMOUNT GLOBAL CLASS B	CL B	92556H206	3,074,496	137,808	SH	SOLE	1	137,808	0	0
PARAMOUNT GROUP INC	COM	69924R108	412,219	90,399	SH	SOLE	1	90,399	0	0
PARDES BIOSCIENCES INC	COM	69945Q105	21,874	16,571	SH	SOLE	1	16,571	0	0
PARK AEROSPACE CORP	COM	70014A104	127,197	9,457	SH	SOLE	1	9,457	0	0
PARK HOTELS RESORTS INC	COM	700517105	4,287,808	346,910	SH	SOLE	1	346,910	0	0
PARK NATIONAL CORP	COM	700658107	929,826	7,842	SH	SOLE	1	7,842	0	0
PARKE BANCORP INC	COM	700885106	86,731	4,878	SH	SOLE	1	4,878	0	0
PARKER HANNIFIN CORP	COM	701094104	13,422,889	39,936	SH	SOLE	1	39,936	0	0
PARSONS CORP	COM	70202L102	726,533	16,239	SH	SOLE	1	16,239	0	0
PATHWARD FINANCIAL INC	COM	59100U108	617,662	14,887	SH	SOLE	1	14,887	0	0

PATRICK INDUSTRIES INC	COM	703343103	812,164	11,803	SH	SOLE	1	11,803	0	0
PATTERSON COS INC	COM	703395103	4,671,445	174,503	SH	SOLE	1	174,503	0	0
PATTERSON UTI ENERGY INC	COM	703481101	1,372,094	117,273	SH	SOLE	1	117,273	0	0
PAYCHEX INC	COM	704326107	14,686,657	128,167	SH	SOLE	1	128,167	0	0
PAYCOM SOFTWARE INC	COM	70432V102	4,928,306	16,211	SH	SOLE	1	16,211	0	0
PAYCOR HCM INC	COM	70435P102	16,204	611	SH	SOLE	1	611	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	12,694,488	63,862	SH	SOLE	1	63,862	0	0
PAYONEER GLOBAL INC	COM	70451X104	747,873	119,088	SH	SOLE	1	119,088	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	29,939,801	394,256	SH	SOLE	1	394,256	0	0
PAYSAFE LTD	LTD SHS	G6964L206	234,907	13,602	SH	SOLE	1	13,602	0	0
PBF ENERGY INC CLASS A	COM	69318G106	10,074,739	232,351	SH	SOLE	1	232,351	0	0
PC CONNECTION INC	COM	69318J100	276,279	6,145	SH	SOLE	1	6,145	0	0
PCB BANCORP	COM	69320M109	79,608	5,494	SH	SOLE	1	5,494	0	0
PDC ENERGY INC	COM	69327R101	9,136,729	142,361	SH	SOLE	1	142,361	0	0
PDD HOLDINGS INC	ADR	722304102	2,948,639	38,849	SH	SOLE	1	38,849	0	0
PDF SOLUTIONS INC	COM	693282105	694,639	16,383	SH	SOLE	1	16,383	0	0
PEABODY ENERGY CORP	COM	704551100	1,454,848	56,830	SH	SOLE	1	56,830	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	244,661	8,260	SH	SOLE	1	8,260	0	0
PEAR THERAPEUTICS INC	CL A	704723105	8,563	33,579	SH	SOLE	1	33,579	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	997,121	71,020	SH	SOLE	1	71,020	0	0
PEDIATRIX MEDICAL GROUP INC	COM	58502B106	665,955	44,665	SH	SOLE	1	44,665	0	0
PEGASYSTEMS INC	COM	705573103	29,815	615	SH	SOLE	1	615	0	0
PELOTON INTERACTIVE INC A	CL A	70614W100	35,165	3,101	SH	SOLE	1	3,101	0	0
PENN ENTERTAINMENT INC	COM	707569109	7,098,765	239,338	SH	SOLE	1	239,338	0	0
PENNANT GROUP INC/THE	COM	70805E109	177,915	12,459	SH	SOLE	1	12,459	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	770,400	12,924	SH	SOLE	1	12,924	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	598,843	48,568	SH	SOLE	1	48,568	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	36,871	260	SH	SOLE	1	260	0	0
PENTAIR PLC	COM	G7S00T104	2,467,916	44,652	SH	SOLE	1	44,652	0	0
PENUMBRA INC	COM	70975L107	16,373,038	58,750	SH	SOLE	1	58,750	0	0
PEOPLES BANCORP INC	COM	709789101	345,771	13,428	SH	SOLE	1	13,428	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	146,393	3,377	SH	SOLE	1	3,377	0	0
PEPGEN INC	COM	713317105	88,741	7,256	SH	SOLE	1	7,256	0	0
PEPSICO INC	COM	713448108	79,686,065	437,115	SH	SOLE	1	437,115	0	0
PERDOCEO EDUCATION CORP	COM	71363P106	493,056	36,713	SH	SOLE	1	36,713	0	0
PERELLA WEINBERG PARTNERS	CL A	71367G102	162,208	17,825	SH	SOLE	1	17,825	0	0
PERFICIENT INC	COM	71375U101	1,348,726	18,683	SH	SOLE	1	18,683	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	14,548,396	241,107	SH	SOLE	1	241,107	0	0

PERIMETER SOLUTIONS SA	COM	L7579L106	457,805	56,659	SH	SOLE	1	56,659	0	0
PERKINELMER INC	COM	714046109	4,568,952	34,286	SH	SOLE	1	34,286	0	0
PERMIAN RESOURCES CORP	CL A	71424F105	1,191,918	113,516	SH	SOLE	1	113,516	0	0
PERRIGO CO PLC	COM	G97822103	7,451,813	207,745	SH	SOLE	1	207,745	0	0
PETCO HEALTH AND WELLNESS CO	COM	71601V105	7,290	810	SH	SOLE	1	810	0	0
PETIQ INC	COM	71639T106	149,692	13,085	SH	SOLE	1	13,085	0	0
PETMED EXPRESS INC	COM	716382106	179,890	11,077	SH	SOLE	1	11,077	0	0
PFIZER INC	COM	717081103	60,356,950	1,479,337	SH	SOLE	1	1,479,337	0	0
PFSWEB INC	COM	717098206	34,543	8,147	SH	SOLE	1	8,147	0	0
PGT INNOVATIONS INC	COM	69336V101	795,560	31,683	SH	SOLE	1	31,683	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	84,538	11,840	SH	SOLE	1	11,840	0	0
PHENOMEX INC	COM	084310101	37,648	32,455	SH	SOLE	1	32,455	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	170,527	11,131	SH	SOLE	1	11,131	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	39,581,528	407,008	SH	SOLE	1	407,008	0	0
PHILLIPS 66	COM	718546104	12,823,962	126,494	SH	SOLE	1	126,494	0	0
PHILLIPS EDISON COMPANY IN	COM	71844V201	1,844,759	56,553	SH	SOLE	1	56,553	0	0
PHOTRONICS INC	COM	719405102	544,421	32,836	SH	SOLE	1	32,836	0	0
PHREESIA INC	COM	71944F106	774,056	23,972	SH	SOLE	1	23,972	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	6,866,949	459,943	SH	SOLE	1	459,943	0	0
PIEDMONT LITHIUM INC	COM	72016P105	503,279	8,381	SH	SOLE	1	8,381	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	433,167	59,338	SH	SOLE	1	59,338	0	0
PILGRIM S PRIDE CORP	COM	72147K108	1,610,060	69,459	SH	SOLE	1	69,459	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	6,510,094	118,022	SH	SOLE	1	118,022	0	0
PINNACLE WEST CAPITAL	COM	723484101	2,433,302	30,708	SH	SOLE	1	30,708	0	0
PINTEREST INC CLASS A	CL A	72352L106	179,491	6,582	SH	SOLE	1	6,582	0	0
PIONEER BANCORP INC/NY	COM	723561106	55,236	5,602	SH	SOLE	1	5,602	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	14,699,561	71,972	SH	SOLE	1	71,972	0	0
PIPER SANDLER COS	COM	724078100	1,283,113	9,257	SH	SOLE	1	9,257	0	0
PITNEY BOWES INC	COM	724479100	364,921	93,810	SH	SOLE	1	93,810	0	0
PJT PARTNERS INC A	COM	69343T107	822,749	11,397	SH	SOLE	1	11,397	0	0
PLANET FITNESS INC CL A	CL A	72703H101	88,233	1,136	SH	SOLE	1	1,136	0	0
PLANET LABS PBC	CL A	72703X106	369,003	93,894	SH	SOLE	1	93,894	0	0
PLAYSTUDIOS INC	CL A	72815G108	141,131	38,247	SH	SOLE	1	38,247	0	0
PLAYTIKA HOLDING CORP	COM	72815L107	14,739	1,309	SH	SOLE	1	1,309	0	0
PLBY GROUP INC	COM	72814P109	42,962	21,698	SH	SOLE	1	21,698	0	0
PLEXUS CORP	COM	729132100	1,464,233	15,007	SH	SOLE	1	15,007	0	0
PLUG POWER INC	COM	72919P202	75,817	6,469	SH	SOLE	1	6,469	0	0
PLYMOUTH INDUSTRIAL REIT INC	COM	729640102	382,067	18,185	SH	SOLE	1	18,185	0	0

PMV PHARMACEUTICALS INC	COM	69353Y103	84,787	17,775	SH	SOLE	1	17,775	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	16,655,565	131,043	SH	SOLE	1	131,043	0	0
PNM RESOURCES INC	COM	69349H107	8,413,462	172,832	SH	SOLE	1	172,832	0	0
POINT BIOPHARMA GLOBAL INC	COM	730541109	304,598	41,898	SH	SOLE	1	41,898	0	0
POLARIS INC	COM	731068102	9,322,458	84,267	SH	SOLE	1	84,267	0	0
POLYMET MINING CORP	RIGHT	731916144	38	14,131	SH	SOLE	1	14,131	0	0
POLYMET MINING CORP	COM	731916409	27,561	12,819	SH	SOLE	1	12,819	0	0
POOL CORP	COM	73278L105	4,604,791	13,447	SH	SOLE	1	13,447	0	0
POPULAR INC	COM	733174700	40,646	708	SH	SOLE	1	708	0	0
PORCH GROUP INC	COM	733245104	56,558	39,551	SH	SOLE	1	39,551	0	0
PORTILLO S INC CL A	CL A	73642K106	329,354	15,412	SH	SOLE	1	15,412	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	8,802,253	180,042	SH	SOLE	1	180,042	0	0
POST HOLDINGS INC	COM	737446104	7,435,215	82,733	SH	SOLE	1	82,733	0	0
POSTAL REALTY TRUST INC A	CL A	73757R102	131,729	8,655	SH	SOLE	1	8,655	0	0
POTLATCHDELTIC CORP	COM	737630103	8,030,732	162,237	SH	SOLE	1	162,237	0	0
POWELL INDUSTRIES INC	COM	739128106	212,396	4,987	SH	SOLE	1	4,987	0	0
POWER INTEGRATIONS INC	COM	739276103	9,710,916	114,732	SH	SOLE	1	114,732	0	0
POWERSCHOOL HOLDINGS INC A	CL A	73939C106	436,278	22,012	SH	SOLE	1	22,012	0	0
PPG INDUSTRIES INC	COM	693506107	9,172,404	68,666	SH	SOLE	1	68,666	0	0
PPL CORP	COM	69351T106	6,585,285	236,966	SH	SOLE	1	236,966	0	0
PRA GROUP INC	COM	69354N106	820,498	21,060	SH	SOLE	1	21,060	0	0
PRAXIS PRECISION MEDICINES I	COM	74006W108	18,622	23,019	SH	SOLE	1	23,019	0	0
PRECIGEN INC	COM	74017N105	62,408	58,875	SH	SOLE	1	58,875	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	397,427	7,251	SH	SOLE	1	7,251	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	154,544	1,207	SH	SOLE	1	1,207	0	0
PREMIER FINANCIAL CORP	COM	74052F108	354,442	17,098	SH	SOLE	1	17,098	0	0
PREMIER INC CLASS A	COM	74051N102	38,358	1,185	SH	SOLE	1	1,185	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	1,702,534	27,184	SH	SOLE	1	27,184	0	0
PRICESMART INC	COM	741511109	1,000,363	13,995	SH	SOLE	1	13,995	0	0
PRIME MEDICINE INC	COM	74168J101	62,570	5,087	SH	SOLE	1	5,087	0	0
PRIMERICA INC	COM	74164M108	9,805,795	56,931	SH	SOLE	1	56,931	0	0
PRIMIS FINANCIAL CORP	COM	74167B109	102,983	10,694	SH	SOLE	1	10,694	0	0
PRIMO WATER CORP	COM	74167P108	1,167,536	76,061	SH	SOLE	1	76,061	0	0
PRIMORIS SERVICES CORP	COM	74164F103	631,419	25,605	SH	SOLE	1	25,605	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	4,623,819	62,215	SH	SOLE	1	62,215	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	30,702	8,552	SH	SOLE	1	8,552	0	0
PRIVIA HEALTH GROUP INC	COM	74276R102	687,710	24,908	SH	SOLE	1	24,908	0	0

PROASSURANCE CORP	COM	74267C106	544,033	29,439	SH	SOLE	1	29,439	0	0
PROCEPT BIOROBOTICS CORP	COM	74276L105	355,284	12,510	SH	SOLE	1	12,510	0	0
PROCORE TECHNOLOGIES INC	COM	74275K108	60,250	962	SH	SOLE	1	962	0	0
PROCTER GAMBLE CO/THE	COM	742718109	92,103,939	619,436	SH	SOLE	1	619,436	0	0
PROFRAC HOLDING CORP A	CL A	74319N100	143,133	11,297	SH	SOLE	1	11,297	0	0
PROG HOLDINGS INC	COM	74319R101	649,491	27,301	SH	SOLE	1	27,301	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,348,639	23,475	SH	SOLE	1	23,475	0	0
PROGRESSIVE CORP	COM	743315103	26,980,258	188,594	SH	SOLE	1	188,594	0	0
PROGYNY INC	COM	74340E103	4,876,105	151,809	SH	SOLE	1	151,809	0	0
PROLOGIS INC	COM	74340W103	34,412,315	275,806	SH	SOLE	1	275,806	0	0
PROMETHEUS BIOSCIENCES INC	COM	74349U108	1,802,225	16,793	SH	SOLE	1	16,793	0	0
PROPETRO HOLDING CORP	COM	74347M108	346,918	48,250	SH	SOLE	1	48,250	0	0
PROS HOLDINGS INC	COM	74346Y103	547,151	19,969	SH	SOLE	1	19,969	0	0
PROSPERITY BANCSHARES INC	COM	743606105	8,665,584	140,858	SH	SOLE	1	140,858	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	516,488	22,456	SH	SOLE	1	22,456	0	0
PROTERRA INC	COM	74374T109	164,034	107,917	SH	SOLE	1	107,917	0	0
PROTHENA CORP PLC	COM	G72800108	915,356	18,885	SH	SOLE	1	18,885	0	0
PROTO LABS INC	COM	743713109	491,283	14,820	SH	SOLE	1	14,820	0	0
PROVENTION BIO INC	COM	74374N102	733,749	30,446	SH	SOLE	1	30,446	0	0
PROVIDENT BANCORP INC	COM	74383L105	47,606	6,960	SH	SOLE	1	6,960	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	768,312	40,058	SH	SOLE	1	40,058	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	8,401,254	101,538	SH	SOLE	1	101,538	0	0
PTC INC	COM	69370C100	4,199,789	32,752	SH	SOLE	1	32,752	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,642,358	33,905	SH	SOLE	1	33,905	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	8,457,479	135,428	SH	SOLE	1	135,428	0	0
PUBLIC STORAGE	COM	74460D109	14,858,037	49,176	SH	SOLE	1	49,176	0	0
PUBMATIC INC CLASS A	CL A	74467Q103	288,078	20,845	SH	SOLE	1	20,845	0	0
PULMONX CORP	COM	745848101	184,548	16,507	SH	SOLE	1	16,507	0	0
PULTEGROUP INC	COM	745867101	3,594,302	61,673	SH	SOLE	1	61,673	0	0
PURE CYCLE CORP	COM	746228303	88,811	9,398	SH	SOLE	1	9,398	0	0
PURE STORAGE INC CLASS A	COM	74624M102	108,239	4,243	SH	SOLE	1	4,243	0	0
PURECYCLE TECHNOLOGIES INC	COM	74623V103	359,023	51,289	SH	SOLE	1	51,289	0	0
PURPLE INNOVATION INC	COM	74640Y106	80,203	30,380	SH	SOLE	1	30,380	0	0
PVH CORP	COM	693656100	8,717,797	97,777	SH	SOLE	1	97,777	0	0
Q2 HOLDINGS INC	COM	74736L109	663,903	26,966	SH	SOLE	1	26,966	0	0
QCR HOLDINGS INC	COM	74727A104	335,472	7,640	SH	SOLE	1	7,640	0	0
QIAGEN N.V.	COM	N72482123	104,858	2,283	SH	SOLE	1	2,283	0	0
QORVO INC	COM	74736K101	2,753,563	27,110	SH	SOLE	1	27,110	0	0
QUAD GRAPHICS INC	CL A	747301109	67,147	15,652	SH	SOLE	1	15,652	0	0

QUAKER CHEMICAL CORPORATION	COM	747316107	1,465,226	7,402	SH	SOLE	1	7,402	0	0
QUALCOMM INC	COM	747525103	49,580,140	388,620	SH	SOLE	1	388,620	0	0
QUALYS INC	COM	74758T303	9,310,602	71,609	SH	SOLE	1	71,609	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	389,349	18,084	SH	SOLE	1	18,084	0	0
QUANTA SERVICES INC	COM	74762E102	6,576,614	39,466	SH	SOLE	1	39,466	0	0
QUANTERIX CORP	COM	74766Q101	184,636	16,383	SH	SOLE	1	16,383	0	0
QUANTUM SI INC	CL A	74765K105	77,588	44,084	SH	SOLE	1	44,084	0	0
QUANTUMSCAPE CORP	CL A	74767V109	21,219	2,594	SH	SOLE	1	2,594	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	4,653,136	32,889	SH	SOLE	1	32,889	0	0
QUIDELORTHO CORP	COM	219798105	7,349,569	82,496	SH	SOLE	1	82,496	0	0
QUINSTREET INC	COM	74874Q100	439,139	27,671	SH	SOLE	1	27,671	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	143,434	43,730	SH	SOLE	1	43,730	0	0
QURATE RETAIL INC	COM	74915M100	166,937	168,999	SH	SOLE	1	168,999	0	0
R1 RCM INC	COM	77634L105	4,248,480	283,232	SH	SOLE	1	283,232	0	0
RACKSPACE TECHNOLOGY INC	COM	750102105	52,262	27,799	SH	SOLE	1	27,799	0	0
RADIAN GROUP INC	COM	750236101	1,899,473	85,949	SH	SOLE	1	85,949	0	0
RADIANT LOGISTICS INC	COM	75025X100	117,247	17,873	SH	SOLE	1	17,873	0	0
RADIUS GLOBAL INFRASTRUCTU A	CL A	750481103	543,362	37,039	SH	SOLE	1	37,039	0	0
RADNET INC	COM	750491102	680,315	27,180	SH	SOLE	1	27,180	0	0
RALLYBIO CORP	COM	75120L100	51,853	9,081	SH	SOLE	1	9,081	0	0
RALPH LAUREN CORP	COM	751212101	1,300,987	11,151	SH	SOLE	1	11,151	0	0
RAMACO RESOURCES INC	COM	75134P303	95,324	10,820	SH	SOLE	1	10,820	0	0
RAMBUS INC	COM	750917106	2,993,276	58,394	SH	SOLE	1	58,394	0	0
RANGE RESOURCES CORP	COM	75281A109	9,887,233	373,526	SH	SOLE	1	373,526	0	0
RANGER OIL CORP A	COM	70788V102	427,636	10,471	SH	SOLE	1	10,471	0	0
RANPAK HOLDINGS CORP	CL A	75321W103	109,474	20,972	SH	SOLE	1	20,972	0	0
RAPID7 INC	COM	753422104	1,308,665	28,505	SH	SOLE	1	28,505	0	0
RAPT THERAPEUTICS INC	COM	75382E109	264,112	14,393	SH	SOLE	1	14,393	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	5,894,851	63,202	SH	SOLE	1	63,202	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	212,271	33,855	SH	SOLE	1	33,855	0	0
RAYONIER INC	COM	754907103	7,557,969	227,239	SH	SOLE	1	227,239	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	37,498,083	382,907	SH	SOLE	1	382,907	0	0
RBB BANCORP	COM	74930B105	109,415	7,059	SH	SOLE	1	7,059	0	0
RBC BEARINGS INC	COM	75524B104	3,204,459	13,769	SH	SOLE	1	13,769	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	324,718	4,154	SH	SOLE	1	4,154	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	182,629	9,735	SH	SOLE	1	9,735	0	0
READY CAPITAL CORP	COM	75574U101	414,611	40,768	SH	SOLE	1	40,768	0	0
REALREAL INC/THE	COM	88339P101	53,796	42,695	SH	SOLE	1	42,695	0	0
REALTY INCOME CORP	COM	756109104	11,792,590	186,238	SH	SOLE	1	186,238	0	0

REATA PHARMACEUTICALS INC A	COM	75615P103	1,213,236	13,344	SH	SOLE	1	13,344	0	0
RECURSION PHARMACEUTICALS A	CL A	75629V104	439,927	65,956	SH	SOLE	1	65,956	0	0
RED RIVER BANCSHARES INC	COM	75686R202	101,272	2,105	SH	SOLE	1	2,105	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,091,252	24,484	SH	SOLE	1	24,484	0	0
RED VIOLET INC	COM	75704L104	82,685	4,698	SH	SOLE	1	4,698	0	0
REDFIN CORP	COM	75737F108	464,778	51,300	SH	SOLE	1	51,300	0	0
REDWIRE CORP	COM	75776W103	28,821	9,512	SH	SOLE	1	9,512	0	0
REDWOOD TRUST INC	COM	758075402	416,909	61,856	SH	SOLE	1	61,856	0	0
REGAL REXNORD CORP	COM	758750103	14,362,763	102,059	SH	SOLE	1	102,059	0	0
REGENCY CENTERS CORP	COM	758849103	2,568,275	41,979	SH	SOLE	1	41,979	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	31,338,494	38,140	SH	SOLE	1	38,140	0	0
REGENXBIO INC	COM	75901B107	411,633	21,768	SH	SOLE	1	21,768	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	95,411	3,657	SH	SOLE	1	3,657	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	5,189,562	279,610	SH	SOLE	1	279,610	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	13,658,482	102,881	SH	SOLE	1	102,881	0	0
RELAY THERAPEUTICS INC	COM	75943R102	676,604	41,081	SH	SOLE	1	41,081	0	0
RELIANCE STEEL ALUMINUM	COM	759509102	23,249,604	90,557	SH	SOLE	1	90,557	0	0
RELMADA THERAPEUTICS INC	COM	75955J402	29,875	13,219	SH	SOLE	1	13,219	0	0
REMITLY GLOBAL INC	COM	75960P104	819,770	48,364	SH	SOLE	1	48,364	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	13,536,172	67,566	SH	SOLE	1	67,566	0	0
RENASANT CORP	COM	75970E107	916,269	29,963	SH	SOLE	1	29,963	0	0
RENT THE RUNWAY INC A	CL A	76010Y103	65,063	22,829	SH	SOLE	1	22,829	0	0
REPAY HOLDINGS CORP	CL A	76029L100	277,845	42,290	SH	SOLE	1	42,290	0	0
REPLIGEN CORP	COM	759916109	13,452,301	79,902	SH	SOLE	1	79,902	0	0
REPLIMUNE GROUP INC	COM	76029N106	397,774	22,524	SH	SOLE	1	22,524	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	178,206	4,200	SH	SOLE	1	4,200	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	40,532	29,803	SH	SOLE	1	29,803	0	0
REPUBLIC SERVICES INC	COM	760759100	8,944,127	66,145	SH	SOLE	1	66,145	0	0
RESERVOIR MEDIA INC	COM	76119X105	64,365	9,872	SH	SOLE	1	9,872	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	1,444,796	79,037	SH	SOLE	1	79,037	0	0
RESMED INC	COM	761152107	9,881,486	45,123	SH	SOLE	1	45,123	0	0
RESOURCES CONNECTION INC	COM	76122Q105	298,755	17,512	SH	SOLE	1	17,512	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	922,672	66,094	SH	SOLE	1	66,094	0	0
REV GROUP INC	COM	749527107	189,994	15,846	SH	SOLE	1	15,846	0	0
REVANCE THERAPEUTICS INC	COM	761330109	1,255,127	38,967	SH	SOLE	1	38,967	0	0
REVOLUTION	COM	76155X100	909,157	41,974	SH	SOLE	1	41,974	0	0

MEDICINES INC										
REVOLVE GROUP INC	CL A	76156B107	518,373	19,710	SH	SOLE	1	19,710	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	241,757	8,456	SH	SOLE	1	8,456	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	17,409,688	291,864	SH	SOLE	1	291,864	0	0
REYNOLDS CONSUMER PRODUCTS I	COM	76171L106	15,015	546	SH	SOLE	1	546	0	0
RH	COM	74967X103	7,027,148	28,853	SH	SOLE	1	28,853	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	119,355	34,899	SH	SOLE	1	34,899	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	109,941	83,289	SH	SOLE	1	83,289	0	0
RIGETTI COMPUTING INC	COM	76655K103	28,540	39,453	SH	SOLE	1	39,453	0	0
RILEY EXPLORATION PERMIAN IN	COM	76665T102	197,227	5,182	SH	SOLE	1	5,182	0	0
RIMINI STREET INC	COM	76674Q107	98,138	23,820	SH	SOLE	1	23,820	0	0
RING ENERGY INC	COM	76680V108	86,452	45,501	SH	SOLE	1	45,501	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	38,890	1,268	SH	SOLE	1	1,268	0	0
RIOT PLATFORMS INC	COM	767292105	764,475	76,524	SH	SOLE	1	76,524	0	0
RITCHIE BROS AUCTIONEERS	COM	767744105	55,620	988	SH	SOLE	1	988	0	0
RITE AID CORP	COM	767754872	59,933	26,756	SH	SOLE	1	26,756	0	0
RITHM CAPITAL CORP	COM	64828T201	34,848	4,356	SH	SOLE	1	4,356	0	0
RIVIAN AUTOMOTIVE INC A	CL A	76954A103	847,158	54,726	SH	SOLE	1	54,726	0	0
RLI CORP	COM	749607107	10,750,292	80,884	SH	SOLE	1	80,884	0	0
RLJ LODGING TRUST	COM	74965L101	820,694	77,424	SH	SOLE	1	77,424	0	0
RMR GROUP INC/THE A	COM	74967R106	193,835	7,387	SH	SOLE	1	7,387	0	0
ROBERT HALF INTL INC	COM	770323103	2,702,398	33,541	SH	SOLE	1	33,541	0	0
ROBINHOOD MARKETS INC A	CL A	770700102	55,823	5,749	SH	SOLE	1	5,749	0	0
ROBLOX CORP CLASS A	CL A	771049103	299,432	6,657	SH	SOLE	1	6,657	0	0
ROCKET COS INC CLASS A	CL A	77311W101	13,101	1,446	SH	SOLE	1	1,446	0	0
ROCKET LAB USA INC	COM	773122106	420,511	104,087	SH	SOLE	1	104,087	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	461,602	26,947	SH	SOLE	1	26,947	0	0
ROCKWELL AUTOMATION INC	COM	773903109	9,959,693	33,940	SH	SOLE	1	33,940	0	0
ROCKY BRANDS INC	COM	774515100	76,685	3,324	SH	SOLE	1	3,324	0	0
ROGERS CORP	COM	775133101	1,674,504	10,246	SH	SOLE	1	10,246	0	0
ROIVANT SCIENCES LTD	SHS	G76279101	13,392,464	1,814,697	SH	SOLE	2	1,814,697	0	0
ROKU INC	COM	77543R102	91,621	1,392	SH	SOLE	1	1,392	0	0
ROLLINS INC	COM	775711104	2,415,656	64,366	SH	SOLE	1	64,366	0	0
ROOT INC/OH CLASS A	CL A	77664L207	17,161	3,805	SH	SOLE	1	3,805	0	0
ROPER TECHNOLOGIES INC	COM	776696106	14,497,379	32,897	SH	SOLE	1	32,897	0	0
ROSS STORES INC	COM	778296103	12,525,675	118,022	SH	SOLE	1	118,022	0	0
ROVER GROUP INC	CL A	77936F103	204,878	45,227	SH	SOLE	1	45,227	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	3,891,358	59,592	SH	SOLE	1	59,592	0	0

ROYAL GOLD INC	COM	780287108	13,140,401	101,306	SH	SOLE	1	101,306	0	0
ROYALTY PHARMA PLC CL A	CL A	G7709Q104	134,860	3,743	SH	SOLE	1	3,743	0	0
RPC INC	COM	749660106	316,451	41,151	SH	SOLE	1	41,151	0	0
RPM INTERNATIONAL INC	COM	749685103	17,378,208	199,200	SH	SOLE	1	199,200	0	0
RPT REALTY	COM	74971D101	439,143	46,177	SH	SOLE	1	46,177	0	0
RUMBLEON INC B	CL B	781386305	30,676	5,062	SH	SOLE	1	5,062	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	189,492	3,164	SH	SOLE	1	3,164	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	1,097,242	20,096	SH	SOLE	1	20,096	0	0
RUSH STREET INTERACTIVE INC	COM	782011100	91,163	29,313	SH	SOLE	1	29,313	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	281,816	17,163	SH	SOLE	1	17,163	0	0
RXO INC	COM	74982T103	167,922	8,550	SH	SOLE	1	8,550	0	0
RXSIGHT INC	COM	78349D107	191,169	11,461	SH	SOLE	1	11,461	0	0
RYAN SPECIALTY HOLDINGS INC	CL A	78351F107	49,214	1,223	SH	SOLE	1	1,223	0	0
RYDER SYSTEM INC	COM	783549108	6,917,796	77,519	SH	SOLE	1	77,519	0	0
RYERSON HOLDING CORP	COM	783754104	341,135	9,377	SH	SOLE	1	9,377	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	2,330,916	25,977	SH	SOLE	1	25,977	0	0
S T BANCORP INC	COM	783859101	670,577	21,322	SH	SOLE	1	21,322	0	0
SP GLOBAL INC	COM	78409V104	36,599,404	106,156	SH	SOLE	1	106,156	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	5,353,124	465,489	SH	SOLE	1	465,489	0	0
SABRE CORP	COM	78573M104	764,448	178,193	SH	SOLE	1	178,193	0	0
SAFE BULKERS INC	COM	Y7388L103	127,534	34,562	SH	SOLE	1	34,562	0	0
SAFEHOLD INC	COM	78646V107	642,892	21,889	SH	SOLE	1	21,889	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	581,480	7,803	SH	SOLE	1	7,803	0	0
SAGE THERAPEUTICS INC	COM	78667J108	1,054,958	25,142	SH	SOLE	1	25,142	0	0
SAIA INC	COM	78709Y105	14,525,263	53,386	SH	SOLE	1	53,386	0	0
SALESFORCE INC	COM	79466L302	59,273,927	296,696	SH	SOLE	1	296,696	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	911,259	58,489	SH	SOLE	1	58,489	0	0
SANA BIOTECHNOLOGY INC	COM	799566104	140,479	42,960	SH	SOLE	1	42,960	0	0
SANDRIDGE ENERGY INC	COM	80007P869	221,035	15,339	SH	SOLE	1	15,339	0	0
SANDY SPRING BANCORP INC	COM	800363103	547,918	21,090	SH	SOLE	1	21,090	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	113,666	64,583	SH	SOLE	1	64,583	0	0
SANMINA CORP	COM	801056102	1,904,291	31,223	SH	SOLE	1	31,223	0	0
SAPIENS INTERNATIONAL CORP	V SHS	G7T16G103	336,139	15,476	SH	SOLE	1	15,476	0	0
SARCOS TECHNOLOGY AND ROBOTI	COM	80359A106	25,067	52,805	SH	SOLE	1	52,805	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	172,563	1,252	SH	SOLE	1	1,252	0	0
SAUL CENTERS INC	COM	804395101	254,124	6,516	SH	SOLE	1	6,516	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	8,129,198	31,138	SH	SOLE	1	31,138	0	0

SCANSOURCE INC	COM	806037107	419,798	13,791	SH	SOLE	1	13,791	0	0
SCHLUMBERGER LTD	COM	806857108	20,584,684	419,240	SH	SOLE	1	419,240	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	14,525	543	SH	SOLE	1	543	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	385,298	12,389	SH	SOLE	1	12,389	0	0
SCHOLASTIC CORP	COM	807066105	549,607	16,061	SH	SOLE	1	16,061	0	0
SCHRODINGER INC	COM	80810D103	685,844	26,048	SH	SOLE	1	26,048	0	0
SCHWAB (CHARLES) CORP	COM	808513105	23,795,134	454,279	SH	SOLE	1	454,279	0	0
SCIENCE 37 HOLDINGS INC	COM	808644108	8,547	30,353	SH	SOLE	1	30,353	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	9,058,341	84,295	SH	SOLE	1	84,295	0	0
SCILEX HOLDING CO	COM	80880W106	252,298	30,768	SH	SOLE	1	30,768	0	0
SCORPIO TANKERS INC	COM	Y7542C130	1,278,462	22,704	SH	SOLE	1	22,704	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	4,399,827	63,089	SH	SOLE	1	63,089	0	0
SCULPTOR CAPITAL MANAGEMENT	COM	811246107	103,225	11,989	SH	SOLE	1	11,989	0	0
SEA LTD ADR	SPONS ADS	81141R100	5,900,892	68,179	SH	SOLE	1	68,179	0	0
SEABOARD CORP	COM	811543107	11,310	3	SH	SOLE	1	3	0	0
SEACOAST BANKING CORP/FL	COM	811707801	950,844	40,120	SH	SOLE	1	40,120	0	0
SEAGATE TECHNOLOGY HOLDINGS	ORD SHS	G7997R103	6,296,409	95,227	SH	SOLE	1	95,227	0	0
SEAGEN INC	COM	81181C104	2,445,838	12,080	SH	SOLE	1	12,080	0	0
SEALED AIR CORP	COM	81211K100	1,835,390	39,978	SH	SOLE	1	39,978	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	1,176,232	19,185	SH	SOLE	1	19,185	0	0
SECUREWORKS CORP A	COM	81374A105	41,076	4,793	SH	SOLE	1	4,793	0	0
SEER INC	CL A	81578P106	96,106	24,898	SH	SOLE	1	24,898	0	0
SEI INVESTMENTS COMPANY	COM	784117103	9,054,687	157,336	SH	SOLE	1	157,336	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	239,869	34,464	SH	SOLE	1	34,464	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,469,547	56,849	SH	SOLE	1	56,849	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	11,563,815	121,303	SH	SOLE	1	121,303	0	0
SELECTQUOTE INC	COM	816307300	141,794	65,343	SH	SOLE	1	65,343	0	0
SEMPRA ENERGY	COM	816851109	17,465,782	115,545	SH	SOLE	1	115,545	0	0
SEMTECH CORP	COM	816850101	835,051	34,592	SH	SOLE	1	34,592	0	0
SENECA FOODS CORP CL A	CL A	817070501	146,304	2,799	SH	SOLE	1	2,799	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	76,130	1,522	SH	SOLE	1	1,522	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	162,058	228,251	SH	SOLE	1	228,251	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	6,484,020	84,692	SH	SOLE	1	84,692	0	0
SENTINELONE INC CLASS A	CL A	81730H109	41,996	2,567	SH	SOLE	1	2,567	0	0
SERES THERAPEUTICS INC	COM	81750R102	192,814	34,006	SH	SOLE	1	34,006	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	16,319,912	237,277	SH	SOLE	1	237,277	0	0

SERVICE PROPERTIES TRUST	COM	81761L102	893,970	89,756	SH	SOLE	1	89,756	0	0
SERVICENOW INC	COM	81762P102	28,665,324	61,683	SH	SOLE	1	61,683	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,492,000	27,311	SH	SOLE	1	27,311	0	0
SFL CORP LTD	SHS	G7738W106	526,690	55,441	SH	SOLE	1	55,441	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,135,436	20,462	SH	SOLE	1	20,462	0	0
SHARECARE INC	CL A	81948W104	204,307	143,878	SH	SOLE	1	143,878	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	504,924	26,547	SH	SOLE	1	26,547	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	15,853,253	70,531	SH	SOLE	1	70,531	0	0
SHIFT4 PAYMENTS INC CLASS A	CL A	82452J109	56,926	751	SH	SOLE	1	751	0	0
SHOALS TECHNOLOGIES GROUP A	CL A	82489W107	1,790,268	78,555	SH	SOLE	1	78,555	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	15,739,039	72,587	SH	SOLE	1	72,587	0	0
SHOE CARNIVAL INC	COM	824889109	237,724	9,268	SH	SOLE	1	9,268	0	0
SHORE BANCSHARES INC	COM	825107105	122,637	8,588	SH	SOLE	1	8,588	0	0
SHOTSPOTTER INC	COM	82536T107	169,469	4,310	SH	SOLE	1	4,310	0	0
SHUTTERSTOCK INC	COM	825690100	950,116	13,087	SH	SOLE	1	13,087	0	0
SHYFT GROUP INC/THE	COM	825698103	379,129	16,665	SH	SOLE	1	16,665	0	0
SI BONE INC	COM	825704109	322,470	16,394	SH	SOLE	1	16,394	0	0
SIERRA BANCORP	COM	82620P102	114,186	6,631	SH	SOLE	1	6,631	0	0
SIGA TECHNOLOGIES INC	COM	826917106	130,721	22,734	SH	SOLE	1	22,734	0	0
SIGHT SCIENCES INC	COM	82657M105	91,901	10,515	SH	SOLE	1	10,515	0	0
SIGNET JEWELERS LTD	COM	G81276100	1,903,043	24,467	SH	SOLE	1	24,467	0	0
SILGAN HOLDINGS INC	COM	827048109	6,928,260	129,090	SH	SOLE	1	129,090	0	0
SILICON LABORATORIES INC	COM	826919102	11,236,926	64,178	SH	SOLE	1	64,178	0	0
SILK ROAD MEDICAL INC	COM	82710M100	708,644	18,110	SH	SOLE	1	18,110	0	0
SILVERBOW RESOURCES INC	COM	82836G102	129,400	5,663	SH	SOLE	1	5,663	0	0
SILVERCREST ASSET MANAGEME A	CL A	828359109	84,846	4,667	SH	SOLE	1	4,667	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,167,318	66,742	SH	SOLE	1	66,742	0	0
SIMON PROPERTY GROUP INC	COM	828806109	10,021,539	89,502	SH	SOLE	1	89,502	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,917,908	48,225	SH	SOLE	1	48,225	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	9,424,106	85,955	SH	SOLE	1	85,955	0	0
SIMULATIONS PLUS INC	COM	829214105	375,863	8,554	SH	SOLE	1	8,554	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	331,926	19,343	SH	SOLE	1	19,343	0	0
SINGULAR GENOMICS SYSTEMS IN	COM	82933R100	32,968	27,246	SH	SOLE	1	27,246	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	859,636	216,533	SH	SOLE	1	216,533	0	0
SIRIUSPOINT LTD	COM	G8192H106	405,224	49,843	SH	SOLE	1	49,843	0	0

SITE CENTERS CORP	COM	82981J109	1,281,050	104,320	SH	SOLE	1	104,320	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	79,111	578	SH	SOLE	1	578	0	0
SITIME CORP	COM	82982T106	4,618,208	32,470	SH	SOLE	1	32,470	0	0
SITIO ROYALTIES CORP A	CL A	82983N108	774,299	34,261	SH	SOLE	1	34,261	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	149,870	5,611	SH	SOLE	1	5,611	0	0
SJW GROUP	COM	784305104	1,121,319	14,729	SH	SOLE	1	14,729	0	0
SKECHERS USA INC CL A	CL A	830566105	9,845,194	207,180	SH	SOLE	1	207,180	0	0
SKILLSOFT CORP	CL A	83066P200	78,358	39,179	SH	SOLE	1	39,179	0	0
SKILLZ INC	COM	83067L109	89,978	151,682	SH	SOLE	1	151,682	0	0
SKYLINE CHAMPION CORP	COM	830830105	1,937,022	25,748	SH	SOLE	1	25,748	0	0
SKYWARD SPECIALTY INSURANCE	COM	830940102	109,569	5,010	SH	SOLE	1	5,010	0	0
SKYWATER TECHNOLOGY INC	COM	83089J108	64,547	5,672	SH	SOLE	1	5,672	0	0
SKYWEST INC	COM	830879102	605,130	27,295	SH	SOLE	1	27,295	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	5,091,191	43,153	SH	SOLE	1	43,153	0	0
SL GREEN REALTY CORP	COM	78440X887	110,967	4,718	SH	SOLE	1	4,718	0	0
SLEEP NUMBER CORP	COM	83125X103	355,310	11,684	SH	SOLE	1	11,684	0	0
SLM CORP	COM	78442P106	4,601,460	371,385	SH	SOLE	1	371,385	0	0
SM ENERGY CO	COM	78454L100	1,865,234	66,237	SH	SOLE	1	66,237	0	0
SMART GLOBAL HOLDINGS INC	SHS	G8232Y101	457,808	26,555	SH	SOLE	1	26,555	0	0
SMARTFINANCIAL INC	COM	83190L208	173,295	7,489	SH	SOLE	1	7,489	0	0
SMARTRENT INC	CL A	83193G107	149,229	58,521	SH	SOLE	1	58,521	0	0
SMARTSHEET INC CLASS A	COM	83200N103	90,390	1,891	SH	SOLE	1	1,891	0	0
SMITH (A.O.) CORP	COM	831865209	2,390,170	34,565	SH	SOLE	1	34,565	0	0
SMITH WESSON BRANDS INC	COM	831754106	269,835	21,920	SH	SOLE	1	21,920	0	0
SNAP ON INC	COM	833034101	3,574,473	14,478	SH	SOLE	1	14,478	0	0
SNAP ONE HOLDINGS CORP	COM	83303Y105	81,261	8,691	SH	SOLE	1	8,691	0	0
SOFI TECHNOLOGIES INC	COM	83406F102	49,209	8,107	SH	SOLE	1	8,107	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	4,477,487	14,731	SH	SOLE	1	14,731	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	130,158	15,241	SH	SOLE	1	15,241	0	0
SOLARWINDS CORP	COM	83417Q204	200,440	23,307	SH	SOLE	1	23,307	0	0
SOLID POWER INC	COM	83422N105	192,616	63,992	SH	SOLE	1	63,992	0	0
SOLO BRANDS INC CLASS A	CL A	83425V104	76,158	10,607	SH	SOLE	1	10,607	0	0
SOMALOGIC INC	COM	83444K105	189,549	74,333	SH	SOLE	1	74,333	0	0
SONDER HOLDINGS INC	COM	83542D102	69,200	91,402	SH	SOLE	1	91,402	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	528,674	9,729	SH	SOLE	1	9,729	0	0
SONOCO PRODUCTS CO	COM	835495102	9,177,999	150,459	SH	SOLE	1	150,459	0	0
SONOS INC	COM	83570H108	1,366,768	69,662	SH	SOLE	1	69,662	0	0
SOTERA HEALTH CO	COM	83601L102	2,737,185	152,830	SH	SOLE	1	152,830	0	0

SOUTH PLAINS FINANCIAL INC	COM	83946P107	100,927	4,714	SH	SOLE	1	4,714	0	0
SOUTHERN CO/THE	COM	842587107	19,799,337	284,555	SH	SOLE	1	284,555	0	0
SOUTHERN COPPER CORP	COM	84265V105	93,940	1,232	SH	SOLE	1	1,232	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	112,270	3,657	SH	SOLE	1	3,657	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	139,090	3,718	SH	SOLE	1	3,718	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	544,281	16,394	SH	SOLE	1	16,394	0	0
SOUTHSTATE CORP	COM	840441109	10,847,981	152,231	SH	SOLE	1	152,231	0	0
SOUTHWEST AIRLINES CO	COM	844741108	5,248,507	161,294	SH	SOLE	1	161,294	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	8,241,527	131,970	SH	SOLE	1	131,970	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	8,515,750	1,703,150	SH	SOLE	1	1,703,150	0	0
SOVOS BRANDS INC	COM	84612U107	308,430	18,491	SH	SOLE	1	18,491	0	0
SP PLUS CORP	COM	78469C103	333,059	9,713	SH	SOLE	1	9,713	0	0
SPARTANNASH CO	COM	847215100	472,688	19,060	SH	SOLE	1	19,060	0	0
SPDR PORTFOLIO SP 500 GROWTH	PRTFLO S&P500 GW	78464A409	24,381,098	440,410	SH	SOLE	1	440,410	0	0
SPDR SP MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	16,136,032	35,200	SH	SOLE	1	35,200	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	26,554	401	SH	SOLE	1	401	0	0
SPIRE GLOBAL INC	CL A	848560108	40,325	60,367	SH	SOLE	1	60,367	0	0
SPIRE INC	COM	84857L101	7,376,063	105,162	SH	SOLE	1	105,162	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	52,727	1,527	SH	SOLE	1	1,527	0	0
SPIRIT AIRLINES INC	COM	848577102	903,606	52,627	SH	SOLE	1	52,627	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	8,585,082	215,489	SH	SOLE	1	215,489	0	0
SPLUNK INC	COM	848637104	232,125	2,421	SH	SOLE	1	2,421	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	152,869	18,027	SH	SOLE	1	18,027	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	278,330	2,083	SH	SOLE	1	2,083	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	447,438	17,383	SH	SOLE	1	17,383	0	0
SPROUT SOCIAL INC CLASS A	CL A	85209W109	1,374,853	22,583	SH	SOLE	1	22,583	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	7,475,822	213,412	SH	SOLE	1	213,412	0	0
SPS COMMERCE INC	COM	78463M107	3,013,560	19,787	SH	SOLE	1	19,787	0	0
SPX TECHNOLOGIES INC	COM	78473E103	1,693,638	23,996	SH	SOLE	1	23,996	0	0
SQUARESPACE INC CLASS A	CL A	85225A107	466,987	14,699	SH	SOLE	1	14,699	0	0
SQZ BIOTECHNOLOGIES CO	COM	78472W104	1,409,617	2,517,173	SH	SOLE	2	2,517,173	0	0
SSC TECHNOLOGIES HOLDINGS	COM	78467J100	125,363	2,220	SH	SOLE	1	2,220	0	0
SSR MINING INC	COM	784730103	31,344	2,073	SH	SOLE	1	2,073	0	0
ST JOE CO/THE	COM	790148100	781,186	18,774	SH	SOLE	1	18,774	0	0
STAAR SURGICAL CO	COM	852312305	6,205,836	97,042	SH	SOLE	1	97,042	0	0
STAG INDUSTRIAL INC	COM	85254J102	2,945,418	87,091	SH	SOLE	1	87,091	0	0

STAGWELL INC	CL A	85256A109	274,740	37,027	SH	SOLE	1	37,027	0	0
STANDARD MOTOR PRODS	COM	853666105	403,094	10,921	SH	SOLE	1	10,921	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	790,595	6,457	SH	SOLE	1	6,457	0	0
STANLEY BLACK DECKER INC	COM	854502101	3,235,770	40,156	SH	SOLE	1	40,156	0	0
STAR HLDGS	SHS BEN INT	85512G106	122,147	7,024	SH	SOLE	1	7,024	0	0
STARBUCKS CORP	COM	855244109	37,856,357	363,549	SH	SOLE	1	363,549	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	8,447,099	477,507	SH	SOLE	1	477,507	0	0
STATE STREET CORP	COM	857477103	7,789,636	102,915	SH	SOLE	1	102,915	0	0
STEEL DYNAMICS INC	COM	858119100	5,159,154	45,632	SH	SOLE	1	45,632	0	0
STEELCASE INC CL A	CL A	858155203	353,716	42,009	SH	SOLE	1	42,009	0	0
STELLAR BANCORP INC	COM	858927106	609,024	24,747	SH	SOLE	1	24,747	0	0
STEM INC	COM	85859N102	394,417	69,562	SH	SOLE	1	69,562	0	0
STEPAN CO	COM	858586100	1,199,990	11,647	SH	SOLE	1	11,647	0	0
STEPSTONE GROUP INC CLASS A	CL A	85914M107	644,490	26,555	SH	SOLE	1	26,555	0	0
STERICYCLE INC	COM	858912108	6,202,781	142,233	SH	SOLE	1	142,233	0	0
STERIS PLC	COM	G8473T100	5,155,952	26,955	SH	SOLE	1	26,955	0	0
STERLING BANCORP INC/MI	COM	85917W102	47,340	8,364	SH	SOLE	1	8,364	0	0
STERLING CHECK CORP	COM	85917T109	127,422	11,428	SH	SOLE	1	11,428	0	0
STERLING INFRASTRUCTURE INC	COM	859241101	535,472	14,136	SH	SOLE	1	14,136	0	0
STEVEN MADDEN LTD	COM	556269108	1,504,260	41,785	SH	SOLE	1	41,785	0	0
STEWART INFORMATION SERVICES	COM	860372101	591,854	14,668	SH	SOLE	1	14,668	0	0
STIFEL FINANCIAL CORP	COM	860630102	9,603,189	162,518	SH	SOLE	1	162,518	0	0
STITCH FIX INC CLASS A	COM	860897107	206,337	40,379	SH	SOLE	1	40,379	0	0
STOCK YARDS BANCORP INC	COM	861025104	762,035	13,820	SH	SOLE	1	13,820	0	0
STOKE THERAPEUTICS INC	COM	86150R107	90,239	10,833	SH	SOLE	1	10,833	0	0
STONECO LTD A	CL A	G85158106	1,276,290	133,783	SH	SOLE	1	133,783	0	0
STONERIDGE INC	COM	86183P102	237,658	12,709	SH	SOLE	1	12,709	0	0
STONEX GROUP INC	COM	861896108	994,509	9,606	SH	SOLE	1	9,606	0	0
STRATEGIC EDUCATION INC	COM	86272C103	1,111,017	12,368	SH	SOLE	1	12,368	0	0
STRATUS PROPERTIES INC	COM	863167201	56,280	2,814	SH	SOLE	1	2,814	0	0
STRIDE INC	COM	86333M108	898,001	22,879	SH	SOLE	1	22,879	0	0
STRYKER CORP	COM	863667101	29,243,832	102,441	SH	SOLE	1	102,441	0	0
STURM RUGER CO INC	COM	864159108	542,234	9,440	SH	SOLE	1	9,440	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	111,448	5,371	SH	SOLE	1	5,371	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	401,303	57,329	SH	SOLE	1	57,329	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	1,635,127	57,393	SH	SOLE	1	57,393	0	0
SUMO LOGIC INC	COM	86646P103	679,937	56,756	SH	SOLE	1	56,756	0	0
SUN COMMUNITIES INC	COM	866674104	172,578	1,225	SH	SOLE	1	1,225	0	0

SUN COUNTRY AIRLINES HOLDING	COM	866683105	369,943	18,046	SH	SOLE	1	18,046	0	0
SUNCOKE ENERGY INC	COM	86722A103	408,608	45,502	SH	SOLE	1	45,502	0	0
SUNLIGHT FINANCIAL HOLDINGS	COM	86738J106	3,544	11,348	SH	SOLE	1	11,348	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	748,573	47,924	SH	SOLE	1	47,924	0	0
SUNOPTA INC	COM	8676EP108	362,970	47,139	SH	SOLE	1	47,139	0	0
SUNPOWER CORP	COM	867652406	2,357,381	170,331	SH	SOLE	1	170,331	0	0
SUNRUN INC	COM	86771W105	6,624,675	328,768	SH	SOLE	1	328,768	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,143,254	115,714	SH	SOLE	1	115,714	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	10,034,986	94,181	SH	SOLE	1	94,181	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	44,828	5,696	SH	SOLE	1	5,696	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	991,361	27,363	SH	SOLE	1	27,363	0	0
SURGERY PARTNERS INC	COM	86881A100	855,787	24,827	SH	SOLE	1	24,827	0	0
SURMODICS INC	COM	868873100	149,870	6,579	SH	SOLE	1	6,579	0	0
SUTRO BIOPHARMA INC	COM	869367102	120,203	26,018	SH	SOLE	1	26,018	0	0
SWEETGREEN INC CLASS A	CL A	87043Q108	335,756	42,826	SH	SOLE	1	42,826	0	0
SWK HOLDINGS CORP	COM	78501P203	30,683	1,718	SH	SOLE	1	1,718	0	0
SYLVAMO CORP	COM	871332102	855,625	18,496	SH	SOLE	1	18,496	0	0
SYNAPTICS INC	COM	87157D109	8,840,871	79,540	SH	SOLE	1	79,540	0	0
SYNCHRONY FINANCIAL	COM	87165B103	3,449,353	118,616	SH	SOLE	1	118,616	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	613,304	29,039	SH	SOLE	1	29,039	0	0
SYNEOS HEALTH INC	COM	87166B102	5,658,664	158,862	SH	SOLE	1	158,862	0	0
SYNOPSIS INC	COM	871607107	22,757,464	58,919	SH	SOLE	1	58,919	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	6,920,379	224,469	SH	SOLE	1	224,469	0	0
SYSCO CORP	COM	871829107	10,246,490	132,675	SH	SOLE	1	132,675	0	0
T MOBILE US INC	COM	872590104	32,058,451	221,337	SH	SOLE	1	221,337	0	0
T ROWE PRICE GROUP INC	COM	74144T108	8,360,019	74,048	SH	SOLE	1	74,048	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	155,350	9,461	SH	SOLE	1	9,461	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	5,843,672	48,983	SH	SOLE	1	48,983	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	34,095	5,319	SH	SOLE	1	5,319	0	0
TALARIS THERAPEUTICS INC	COM	87410C104	20,928	11,132	SH	SOLE	1	11,132	0	0
TALOS ENERGY INC	COM	87484T108	563,875	37,997	SH	SOLE	1	37,997	0	0
TANDEM DIABETES CARE INC	COM	875372203	203,009	4,999	SH	SOLE	1	4,999	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	1,090,486	55,552	SH	SOLE	1	55,552	0	0
TANGO THERAPEUTICS INC	COM	87583X109	88,903	22,507	SH	SOLE	1	22,507	0	0
TAPESTRY INC	COM	876030107	2,769,128	64,234	SH	SOLE	1	64,234	0	0

TARGA RESOURCES CORP	COM	87612G101	4,597,309	63,020	SH	SOLE	1	63,020	0	0
TARGET CORP	COM	87612E106	22,751,931	137,366	SH	SOLE	1	137,366	0	0
TARGET HOSPITALITY CORP	COM	87615L107	185,419	14,111	SH	SOLE	1	14,111	0	0
TARSUS PHARMACEUTICALS INC	COM	87650L103	111,496	8,870	SH	SOLE	1	8,870	0	0
TATTOOED CHEF INC	CL A	87663X102	34,050	23,979	SH	SOLE	1	23,979	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	8,286,848	216,593	SH	SOLE	1	216,593	0	0
TD SYNnex CORP	COM	87162W100	6,271,508	64,795	SH	SOLE	1	64,795	0	0
TE CONNECTIVITY LTD	COM	H84989104	12,734,665	97,100	SH	SOLE	1	97,100	0	0
TECHTARGET	COM	87874R100	532,120	14,732	SH	SOLE	1	14,732	0	0
TEEKAY CORP	COM	Y8564W103	205,782	33,298	SH	SOLE	1	33,298	0	0
TEEKAY TANKERS LTD CLASS A	CL A	Y8565N300	473,733	11,035	SH	SOLE	1	11,035	0	0
TEGNA INC	COM	87901J105	7,602,144	449,565	SH	SOLE	1	449,565	0	0
TEJON RANCH CO	COM	879080109	183,285	10,032	SH	SOLE	1	10,032	0	0
TELADOC HEALTH INC	COM	87918A105	43,771	1,690	SH	SOLE	1	1,690	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	5,689,077	12,717	SH	SOLE	1	12,717	0	0
TELEFLEX INC	COM	879369106	3,225,143	12,732	SH	SOLE	1	12,732	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	577,945	54,990	SH	SOLE	1	54,990	0	0
TELLURIAN INC	COM	87968A104	302,924	246,280	SH	SOLE	1	246,280	0	0
TELOS CORPORATION	COM	87969B101	65,783	26,001	SH	SOLE	1	26,001	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	10,381,250	262,883	SH	SOLE	1	262,883	0	0
TENABLE HOLDINGS INC	COM	88025T102	2,564,970	53,988	SH	SOLE	1	53,988	0	0
TENAYA THERAPEUTICS INC	COM	87990A106	59,556	20,897	SH	SOLE	1	20,897	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	73,700	8,901	SH	SOLE	1	8,901	0	0
TENET HEALTHCARE CORP	COM	88033G407	9,912,088	166,814	SH	SOLE	1	166,814	0	0
TENNANT CO	COM	880345103	693,592	10,121	SH	SOLE	1	10,121	0	0
TENON MEDICAL INC	COM	88066N105	6,443	3,640	SH	SOLE	1	3,640	0	0
TERADATA CORP	COM	88076W103	6,338,018	157,349	SH	SOLE	1	157,349	0	0
TERADYNE INC	COM	880770102	4,637,659	43,137	SH	SOLE	1	43,137	0	0
TERAWULF INC	COM	88080T104	31,819	33,929	SH	SOLE	1	33,929	0	0
TEREX CORP	COM	880779103	6,563,279	135,661	SH	SOLE	1	135,661	0	0
TERRAN ORBITAL CORP	COM	88105P103	36,522	19,849	SH	SOLE	1	19,849	0	0
TERRENO REALTY CORP	COM	88146M101	2,515,653	38,942	SH	SOLE	1	38,942	0	0
TESLA INC	COM	88160R101	174,288,806	840,108	SH	SOLE	1	840,108	0	0
TETRA TECH INC	COM	88162G103	12,079,528	82,224	SH	SOLE	1	82,224	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	159,212	60,080	SH	SOLE	1	60,080	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,696,864	191,736	SH	SOLE	1	191,736	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	4,762,290	97,269	SH	SOLE	1	97,269	0	0
TEXAS INSTRUMENTS INC	COM	882508104	61,711,236	331,763	SH	SOLE	1	331,763	0	0

TEXAS PACIFIC LAND CORP	COM	88262P102	144,587	85	SH	SOLE	1	85	0	0
TEXAS ROADHOUSE INC	COM	882681109	14,581,833	134,942	SH	SOLE	1	134,942	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	673,604	20,978	SH	SOLE	1	20,978	0	0
TEXTRON INC	COM	883203101	4,002,461	56,668	SH	SOLE	1	56,668	0	0
TFS FINANCIAL CORP	COM	87240R107	6,366	504	SH	SOLE	1	504	0	0
TG THERAPEUTICS INC	COM	88322Q108	966,892	64,288	SH	SOLE	1	64,288	0	0
THE CIGNA GROUP	COM	125523100	20,029,464	78,384	SH	SOLE	1	78,384	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	341,949	31,516	SH	SOLE	1	31,516	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	68,280,825	118,467	SH	SOLE	1	118,467	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	398,396	15,987	SH	SOLE	1	15,987	0	0
THESEUS PHARMACEUTICALS INC	COM	88369M101	72,825	8,201	SH	SOLE	1	8,201	0	0
THIRD COAST BANCSHARES INC	COM	88422P109	96,868	6,166	SH	SOLE	1	6,166	0	0
THIRD HARMONIC BIO INC	COM	88427A107	25,132	6,100	SH	SOLE	1	6,100	0	0
THOR INDUSTRIES INC	COM	885160101	6,575,078	82,560	SH	SOLE	1	82,560	0	0
THORNE HEALTHTECH INC	COM	885260109	31,102	6,732	SH	SOLE	1	6,732	0	0
THOUGHTWORKS HOLDING INC	COM	88546E105	9,458	1,285	SH	SOLE	1	1,285	0	0
THREDUP INC CLASS A	CL A	88556E102	71,685	28,334	SH	SOLE	1	28,334	0	0
THRYV HOLDINGS INC	COM	886029206	327,636	14,208	SH	SOLE	1	14,208	0	0
TIDEWATER INC	COM	88642R109	990,874	22,479	SH	SOLE	1	22,479	0	0
TILE SHOP HLDGS INC	COM	88677Q109	70,134	14,954	SH	SOLE	1	14,954	0	0
TILLY S INC CLASS A SHRS	COM	886885102	84,139	10,913	SH	SOLE	1	10,913	0	0
TIMKEN CO	COM	887389104	8,342,795	102,090	SH	SOLE	1	102,090	0	0
TIMKENSTEEL CORP	COM	887399103	437,611	23,861	SH	SOLE	1	23,861	0	0
TIPTREE INC	COM	88822Q103	174,184	11,955	SH	SOLE	1	11,955	0	0
TITAN INTERNATIONAL INC	COM	88830M102	292,591	27,919	SH	SOLE	1	27,919	0	0
TITAN MACHINERY INC	COM	88830R101	297,527	9,771	SH	SOLE	1	9,771	0	0
TJX COMPANIES INC	COM	872540109	26,798,101	341,987	SH	SOLE	1	341,987	0	0
TOAST INC CLASS A	CL A	888787108	67,326	3,793	SH	SOLE	1	3,793	0	0
TOLL BROTHERS INC	COM	889478103	9,545,610	159,014	SH	SOLE	1	159,014	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	496,178	7,494	SH	SOLE	1	7,494	0	0
TOOTSIE ROLL INDS	COM	890516107	400,604	8,920	SH	SOLE	1	8,920	0	0
TOPBUILD CORP	COM	89055F103	10,294,813	49,461	SH	SOLE	1	49,461	0	0
TOPGOLF CALLAWAY BRANDS CORP	COM	131193104	6,054,681	280,050	SH	SOLE	1	280,050	0	0
TORO CO	COM	891092108	18,009,587	162,015	SH	SOLE	1	162,015	0	0
TORRID HOLDINGS INC	COM	89142B107	30,738	7,050	SH	SOLE	1	7,050	0	0
TOWNE BANK	COM	89214P109	888,911	33,355	SH	SOLE	1	33,355	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	241,569	33,274	SH	SOLE	1	33,274	0	0
TPI COMPOSITES INC	COM	87266J104	230,424	17,657	SH	SOLE	1	17,657	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	7,554,891	32,143	SH	SOLE	1	32,143	0	0

TRADE DESK INC/THE CLASS A	COM	88339J105	397,742	6,530	SH	SOLE	1	6,530	0	0
TRADEWEB MARKETS INC CLASS A	CL A	892672106	111,497	1,411	SH	SOLE	1	1,411	0	0
TRAEGER INC	COM	89269P103	65,875	16,028	SH	SOLE	1	16,028	0	0
TRANE TECHNOLOGIES PLC	PLC SHS	G8994E103	11,559,831	62,832	SH	SOLE	1	62,832	0	0
TRANSCAT INC	COM	893529107	307,233	3,437	SH	SOLE	1	3,437	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	25,688	606	SH	SOLE	1	606	0	0
TRANSDIGM GROUP INC	COM	893641100	10,481,588	14,221	SH	SOLE	1	14,221	0	0
TRANSMEDICS GROUP INC	COM	89377M109	1,115,200	14,726	SH	SOLE	1	14,726	0	0
TRANSPHORM INC	COM	89386L100	43,814	10,981	SH	SOLE	1	10,981	0	0
TRANSUNION	COM	89400J107	162,558	2,616	SH	SOLE	1	2,616	0	0
TRAVEL LEISURE CO	COM	894164102	4,926,538	125,677	SH	SOLE	1	125,677	0	0
TRAVELCENTERS OF AMERICA INC	COM	89421B109	527,131	6,094	SH	SOLE	1	6,094	0	0
TRAVELERS COS INC/THE	COM	89417E109	12,866,035	75,060	SH	SOLE	1	75,060	0	0
TRAVERE THERAPEUTICS INC	COM	89422G107	667,908	29,698	SH	SOLE	1	29,698	0	0
TREACE MEDICAL CONCEPTS INC	COM	89455T109	447,248	17,755	SH	SOLE	1	17,755	0	0
TREAN INSURANCE GROUP INC	COM	89457R101	66,763	10,909	SH	SOLE	1	10,909	0	0
TREDEGAR CORP	COM	894650100	134,330	14,713	SH	SOLE	1	14,713	0	0
TREEHOUSE FOODS INC	COM	89469A104	1,399,130	27,744	SH	SOLE	1	27,744	0	0
TREX COMPANY INC	COM	89531P105	8,267,038	169,859	SH	SOLE	1	169,859	0	0
TRI POINTE HOMES INC	COM	87265H109	1,394,727	55,084	SH	SOLE	1	55,084	0	0
TRICO BANCSHARES	COM	896095106	626,262	15,058	SH	SOLE	1	15,058	0	0
TRIMAS CORP	COM	896215209	563,246	20,217	SH	SOLE	1	20,217	0	0
TRIMBLE INC	COM	896239100	3,509,047	66,941	SH	SOLE	1	66,941	0	0
TRINET GROUP INC	COM	896288107	1,457,026	18,075	SH	SOLE	1	18,075	0	0
TRINITY INDUSTRIES INC	COM	896522109	1,091,572	44,810	SH	SOLE	1	44,810	0	0
TRINSEO PLC	COM	G9059U107	398,235	19,100	SH	SOLE	1	19,100	0	0
TRIP.COM GROUP LTD ADR	ADS	89677Q107	291,151	7,729	SH	SOLE	1	7,729	0	0
TRIPADVISOR INC	COM	896945201	3,211,263	161,695	SH	SOLE	1	161,695	0	0
TRITON INTERNATIONAL LTD	COM	G9078F107	1,778,695	28,135	SH	SOLE	1	28,135	0	0
TRIUMPH FINANCIAL INC	COM	89679E300	726,447	12,512	SH	SOLE	1	12,512	0	0
TRIUMPH GROUP INC	COM	896818101	406,021	35,032	SH	SOLE	1	35,032	0	0
TRONOX HOLDINGS PLC	COM	G9087Q102	812,039	56,470	SH	SOLE	1	56,470	0	0
TRUEBLUE INC	COM	89785X101	313,316	17,602	SH	SOLE	1	17,602	0	0
TRUECAR INC	COM	89785L107	96,977	42,164	SH	SOLE	1	42,164	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	14,993,259	439,685	SH	SOLE	1	439,685	0	0
TRUPANION INC	COM	898202106	902,792	21,049	SH	SOLE	1	21,049	0	0
TRUSTCO BANK CORP NY	COM	898349204	327,513	10,254	SH	SOLE	1	10,254	0	0
TRUSTMARK CORP	COM	898402102	825,696	33,429	SH	SOLE	1	33,429	0	0
TTEC HOLDINGS INC	COM	89854H102	383,246	10,294	SH	SOLE	1	10,294	0	0

TTM TECHNOLOGIES	COM	87305R109	747,144	55,385	SH	SOLE	1	55,385	0	0
TUCOWS INC CLASS A	COM	898697206	93,010	4,782	SH	SOLE	1	4,782	0	0
TUPPERWARE BRANDS CORP	COM	899896104	53,235	21,294	SH	SOLE	1	21,294	0	0
TURNING POINT BRANDS INC	COM	90041L105	150,024	7,144	SH	SOLE	1	7,144	0	0
TURTLE BEACH CORP	COM	900450206	74,900	7,475	SH	SOLE	1	7,475	0	0
TUSIMPLE HOLDINGS INC A	CL A	90089L108	100,414	68,309	SH	SOLE	1	68,309	0	0
TUTOR PERINI CORP	COM	901109108	125,263	20,302	SH	SOLE	1	20,302	0	0
TWILIO INC A	CL A	90138F102	137,924	2,070	SH	SOLE	1	2,070	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	412,845	27,377	SH	SOLE	1	27,377	0	0
TWO HARBORS INVESTMENT CORP	coM	90187B804	778,100	52,896	SH	SOLE	1	52,896	0	0
TYLER TECHNOLOGIES INC	COM	902252105	4,461,726	12,581	SH	SOLE	1	12,581	0	0
TYRA BIOSCIENCES INC	COM	90240B106	102,848	6,400	SH	SOLE	1	6,400	0	0
TYSON FOODS INC CL A	CL A	902494103	4,594,571	77,454	SH	SOLE	1	77,454	0	0
U HAUL HOLDING CO	COM	023586100	5,428	91	SH	SOLE	1	91	0	0
U HAUL HOLDING CO NON VOTING	COM	023586506	42,258	815	SH	SOLE	1	815	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	687,916	7,026	SH	SOLE	1	7,026	0	0
UBIQUITI INC	COM	90353W103	13,041	48	SH	SOLE	1	48	0	0
UDEMY INC	COM	902685106	311,213	35,245	SH	SOLE	1	35,245	0	0
UDR INC	COM	902653104	3,454,419	84,131	SH	SOLE	1	84,131	0	0
UFP INDUSTRIES INC	COM	90278Q108	9,802,704	123,351	SH	SOLE	1	123,351	0	0
UFP TECHNOLOGIES INC	COM	902673102	428,212	3,298	SH	SOLE	1	3,298	0	0
UGI CORP	COM	902681105	11,239,333	323,341	SH	SOLE	1	323,341	0	0
UIPATH INC CLASS A	CL A	90364P105	69,538	3,960	SH	SOLE	1	3,960	0	0
ULTA BEAUTY INC	COM	90384S303	8,332,927	15,271	SH	SOLE	1	15,271	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	818,322	24,678	SH	SOLE	1	24,678	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	36,972	922	SH	SOLE	1	922	0	0
UMB FINANCIAL CORP	COM	902788108	5,074,512	87,916	SH	SOLE	1	87,916	0	0
UMH PROPERTIES INC	COM	903002103	376,642	25,466	SH	SOLE	1	25,466	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	2,763,146	291,164	SH	SOLE	1	291,164	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	2,495,127	292,512	SH	SOLE	1	292,512	0	0
UNIFI INC	COM	904677200	56,479	6,913	SH	SOLE	1	6,913	0	0
UNIFIRST CORP/MA	COM	904708104	1,441,914	8,182	SH	SOLE	1	8,182	0	0
UNION PACIFIC CORP	COM	907818108	32,320,545	160,591	SH	SOLE	1	160,591	0	0
UNIQUIRE NV	COM	N90064101	52,505	2,607	SH	SOLE	1	2,607	0	0
UNISYS CORP	COM	909214306	124,024	31,965	SH	SOLE	1	31,965	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	3,926,524	88,735	SH	SOLE	1	88,735	0	0
UNITED BANKSHARES INC	COM	909907107	9,463,520	268,850	SH	SOLE	1	268,850	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,647,607	58,592	SH	SOLE	1	58,592	0	0
UNITED FIRE GROUP INC	COM	910340108	310,024	11,677	SH	SOLE	1	11,677	0	0

UNITED NATURAL FOODS INC	COM	911163103	858,852	32,594	SH	SOLE	1	32,594	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	37,005,532	190,760	SH	SOLE	1	190,760	0	0
UNITED RENTALS INC	COM	911363109	7,513,899	18,986	SH	SOLE	1	18,986	0	0
UNITED STATES LIME MINERAL	COM	911922102	149,484	979	SH	SOLE	1	979	0	0
UNITED STATES STEEL CORP	COM	912909108	9,125,213	349,625	SH	SOLE	1	349,625	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	15,747,747	70,315	SH	SOLE	1	70,315	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	116,369,616	246,238	SH	SOLE	1	246,238	0	0
UNITI GROUP INC	COM	91325V108	459,945	129,562	SH	SOLE	1	129,562	0	0
UNITIL CORP	COM	913259107	495,392	8,685	SH	SOLE	1	8,685	0	0
UNITY BANCORP INC	COM	913290102	78,421	3,438	SH	SOLE	1	3,438	0	0
UNITY SOFTWARE INC	COM	91332U101	101,894	3,141	SH	SOLE	1	3,141	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	8,818,452	251,740	SH	SOLE	1	251,740	0	0
UNIVERSAL CORP/VA	COM	913456109	699,153	13,219	SH	SOLE	1	13,219	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	10,434,664	67,264	SH	SOLE	1	67,264	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	59,268	5,845	SH	SOLE	1	5,845	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	336,193	6,988	SH	SOLE	1	6,988	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	2,210,650	17,393	SH	SOLE	1	17,393	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	258,524	14,189	SH	SOLE	1	14,189	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	101,063	3,467	SH	SOLE	1	3,467	0	0
UNIVERSAL TECHNICAL INSTITUT	COM	913915104	117,932	15,980	SH	SOLE	1	15,980	0	0
UNIVEST FINANCIAL CORP	COM	915271100	330,318	13,914	SH	SOLE	1	13,914	0	0
UNUM GROUP	COM	91529Y106	11,419,271	288,657	SH	SOLE	1	288,657	0	0
UPBOUND GROUP INC	COM	76009N100	668,878	27,290	SH	SOLE	1	27,290	0	0
UPLAND SOFTWARE INC	COM	91544A109	61,344	14,266	SH	SOLE	1	14,266	0	0
UPSTART HOLDINGS INC	COM	91680M107	12,299	774	SH	SOLE	1	774	0	0
UPWORK INC	COM	91688F104	663,646	58,626	SH	SOLE	1	58,626	0	0
UR ENERGY INC	COM	91688R108	107,141	101,076	SH	SOLE	1	101,076	0	0
URANIUM ENERGY CORP	COM	916896103	496,979	172,562	SH	SOLE	1	172,562	0	0
URBAN EDGE PROPERTIES	COM	91704F104	943,720	62,664	SH	SOLE	1	62,664	0	0
URBAN ONE INC	CL A	91705J105	30,170	3,996	SH	SOLE	1	3,996	0	0
URBAN ONE INC	CL D NON VTG	91705J204	28,699	5,218	SH	SOLE	1	5,218	0	0
URBAN OUTFITTERS INC	COM	917047102	959,583	34,617	SH	SOLE	1	34,617	0	0
URSTADT BIDDLE CLASS A	COM	917286205	274,373	15,616	SH	SOLE	1	15,616	0	0
US BANCORP	COM	902973304	15,695,954	435,394	SH	SOLE	1	435,394	0	0
US CELLULAR CORP	COM	911684108	147,017	7,092	SH	SOLE	1	7,092	0	0
US FOODS HOLDING CORP	COM	912008109	11,663,620	315,745	SH	SOLE	1	315,745	0	0

US SILICA HOLDINGS INC	COM	90346E103	484,310	40,562	SH	SOLE	1	40,562	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	385,388	6,127	SH	SOLE	1	6,127	0	0
USCB FINANCIAL HOLDINGS INC	CL A	90355N101	51,458	5,203	SH	SOLE	1	5,203	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	157,603	1,663	SH	SOLE	1	1,663	0	0
UTZ BRANDS INC	CL A	918090101	522,445	31,721	SH	SOLE	1	31,721	0	0
UWM HOLDINGS CORP	CL A	91823B109	6,570	1,338	SH	SOLE	1	1,338	0	0
V2X INC	COM	92242T101	230,535	5,804	SH	SOLE	1	5,804	0	0
VAALCO ENERGY INC	COM	91851C201	232,344	51,290	SH	SOLE	1	51,290	0	0
VACASA INC CL A	CL A	91854V107	53,696	55,805	SH	SOLE	1	55,805	0	0
VAIL RESORTS INC	COM	91879Q109	137,404	588	SH	SOLE	1	588	0	0
VALARIS LTD	CL A	G9460G101	7,911,361	121,601	SH	SOLE	1	121,601	0	0
VALERO ENERGY CORP	COM	91913Y100	15,980,431	114,473	SH	SOLE	1	114,473	0	0
VALHI INC	COM	918905209	20,230	1,162	SH	SOLE	1	1,162	0	0
VALLEY NATIONAL BANCORP	COM	919794107	7,874,633	852,233	SH	SOLE	1	852,233	0	0
VALMONT INDUSTRIES	COM	920253101	10,512,933	32,927	SH	SOLE	1	32,927	0	0
VALUE LINE INC	COM	920437100	21,555	446	SH	SOLE	1	446	0	0
VALVOLINE INC	COM	92047W101	9,298,198	266,119	SH	SOLE	1	266,119	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	206,307	30,384	SH	SOLE	1	30,384	0	0
VAREX IMAGING CORP	COM	92214X106	385,282	21,181	SH	SOLE	1	21,181	0	0
VARONIS SYSTEMS INC	COM	922280102	1,343,443	51,651	SH	SOLE	1	51,651	0	0
VAXART INC	COM	92243A200	46,959	62,058	SH	SOLE	1	62,058	0	0
VAXCYTE INC	COM	92243G108	1,297,295	34,613	SH	SOLE	1	34,613	0	0
VBI VACCINES INC	COM	91822J103	28,196	93,056	SH	SOLE	1	93,056	0	0
VECTOR GROUP LTD	COM	92240M108	933,441	77,722	SH	SOLE	1	77,722	0	0
VEECO INSTRUMENTS INC	COM	922417100	586,210	27,743	SH	SOLE	1	27,743	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	380,997	2,073	SH	SOLE	1	2,073	0	0
VELO3D INC	COM	92259N104	62,670	27,608	SH	SOLE	1	27,608	0	0
VELOCITY FINANCIAL INC	COM	92262D101	37,511	4,154	SH	SOLE	1	4,154	0	0
VENTAS INC	COM	92276F100	4,706,423	108,568	SH	SOLE	1	108,568	0	0
VENTYX BIOSCIENCES INC	COM	92332V107	403,173	12,035	SH	SOLE	1	12,035	0	0
VERA THERAPEUTICS INC	CL A	92337R101	81,294	10,476	SH	SOLE	1	10,476	0	0
VERACYTE INC	COM	92337F107	771,223	34,584	SH	SOLE	1	34,584	0	0
VERADIGM INC	COM	01988P108	768,893	58,919	SH	SOLE	1	58,919	0	0
VERICEL CORP	COM	92346J108	755,400	25,764	SH	SOLE	1	25,764	0	0
VERINT SYSTEMS INC	COM	92343X100	1,164,755	31,277	SH	SOLE	1	31,277	0	0
VERIS RESIDENTIAL INC	COM	554489104	682,136	46,594	SH	SOLE	1	46,594	0	0
VERISIGN INC	COM	92343E102	5,500,709	26,029	SH	SOLE	1	26,029	0	0
VERISK ANALYTICS INC	COM	92345Y106	11,993,936	62,514	SH	SOLE	1	62,514	0	0
VERITEX HOLDINGS INC	COM	923451108	525,377	28,772	SH	SOLE	1	28,772	0	0
VERITIV CORP	COM	923454102	967,873	7,162	SH	SOLE	1	7,162	0	0
VERITONE INC	COM	92347M100	88,016	15,097	SH	SOLE	1	15,097	0	0

VERIZON COMMUNICATIONS INC	COM	92343V104	48,139,286	1,237,832	SH	SOLE	1	1,237,832	0	0
VERRA MOBILITY CORP	COM	92511U102	1,294,211	76,490	SH	SOLE	1	76,490	0	0
VERTEX ENERGY INC	COM	92534K107	257,888	26,102	SH	SOLE	1	26,102	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	29,546,634	93,778	SH	SOLE	1	93,778	0	0
VERTIV HOLDINGS CO	CL A	92537N108	47,023	3,286	SH	SOLE	1	3,286	0	0
VERU INC	COM	92536C103	36,383	31,365	SH	SOLE	1	31,365	0	0
VERVE THERAPEUTICS INC	COM	92539P101	325,431	22,568	SH	SOLE	1	22,568	0	0
VF CORP	COM	918204108	2,565,668	111,989	SH	SOLE	1	111,989	0	0
VIA RENEWABLES INC	CL A	92556D304	21,799	1,186	SH	SOLE	1	1,186	0	0
VIAD CORP	COM	92552R406	231,699	11,118	SH	SOLE	1	11,118	0	0
VIAANT TECHNOLOGY INC A	CL A	92557A101	30,215	6,946	SH	SOLE	1	6,946	0	0
VIASAT INC	COM	92552V100	188,286	5,564	SH	SOLE	1	5,564	0	0
VIATRIS INC	COM	92556V106	3,166,567	329,165	SH	SOLE	1	329,165	0	0
VIAVI SOLUTIONS INC	COM	925550105	1,327,877	122,611	SH	SOLE	1	122,611	0	0
VICARIOUS SURGICAL INC	CL A	92561V109	60,552	26,675	SH	SOLE	1	26,675	0	0
VICI PROPERTIES INC	COM	925652109	8,927,181	273,672	SH	SOLE	1	273,672	0	0
VICOR CORP	COM	925815102	2,102,724	44,796	SH	SOLE	1	44,796	0	0
VICTORIA S SECRET CO	COM	926400102	4,268,648	124,997	SH	SOLE	1	124,997	0	0
VICTORY CAPITAL HOLDING A	CL A	92645B103	228,335	7,801	SH	SOLE	1	7,801	0	0
VIEW INC	CL A	92671V106	32,673	65,346	SH	SOLE	1	65,346	0	0
VIEWRAY INC	COM	92672L107	247,238	71,456	SH	SOLE	1	71,456	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	93,488	4,086	SH	SOLE	1	4,086	0	0
VIMEO INC	COM	92719V100	264,657	69,101	SH	SOLE	1	69,101	0	0
VINCO VENTURES INC	COM	927330100	36,402	113,296	SH	SOLE	1	113,296	0	0
VINTAGE WINE ESTATES INC	COM	92747V106	16,725	15,631	SH	SOLE	1	15,631	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	92,795	6,113	SH	SOLE	1	6,113	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	926,146	39,800	SH	SOLE	1	39,800	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	473,749	116,975	SH	SOLE	1	116,975	0	0
VIRIDIAN THERAPEUTICS INC	COM	92790C104	469,393	18,451	SH	SOLE	1	18,451	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	17,936	949	SH	SOLE	1	949	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	719,865	3,781	SH	SOLE	1	3,781	0	0
VISA INC CLASS A SHARES	COM	92826C839	108,682,768	482,049	SH	SOLE	1	482,049	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	5,910,810	261,309	SH	SOLE	1	261,309	0	0
VISHAY PRECISION GROUP	COM	92835K103	250,351	5,995	SH	SOLE	1	5,995	0	0
VISTA OUTDOOR INC	COM	928377100	846,624	30,553	SH	SOLE	1	30,553	0	0
VISTAGEN THERAPEUTICS INC	COM	92840H202	12,455	99,879	SH	SOLE	1	99,879	0	0
VISTEON CORP	COM	92839U206	8,871,873	56,570	SH	SOLE	1	56,570	0	0

VISTRA CORP	COM	92840M102	121,056	5,044	SH	SOLE	1	5,044	0	0
VITA COCO CO INC/THE	COM	92846Q107	264,026	13,457	SH	SOLE	1	13,457	0	0
VITAL ENERGY INC	COM	516806205	412,957	9,068	SH	SOLE	1	9,068	0	0
VITAL FARMS INC	COM	92847W103	220,580	14,417	SH	SOLE	1	14,417	0	0
VITESSE ENERGY INC	COM	92852X103	4,719	248	SH	SOLE	1	248	0	0
VIVID SEATS INC CLASS A	CL A	92854T100	94,406	12,373	SH	SOLE	1	12,373	0	0
VIZIO HOLDING CORP A	CL A	92858V101	300,480	32,732	SH	SOLE	1	32,732	0	0
VONTIER CORP	COM	928881101	6,677,877	244,253	SH	SOLE	1	244,253	0	0
VORNADO REALTY TRUST	COM	929042109	3,823,595	248,770	SH	SOLE	1	248,770	0	0
VOYA FINANCIAL INC	COM	929089100	10,695,704	149,674	SH	SOLE	1	149,674	0	0
VSE CORP	COM	918284100	229,798	5,118	SH	SOLE	1	5,118	0	0
VULCAN MATERIALS CO	COM	929160109	6,271,033	36,553	SH	SOLE	1	36,553	0	0
VUZIX CORP	COM	92921W300	118,508	28,625	SH	SOLE	1	28,625	0	0
WT OFFSHORE INC	COM	92922P106	231,821	45,634	SH	SOLE	1	45,634	0	0
WABASH NATIONAL CORP	COM	929566107	638,578	25,969	SH	SOLE	1	25,969	0	0
WABTEC CORP	COM	929740108	4,988,018	49,357	SH	SOLE	1	49,357	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	9,565,070	276,607	SH	SOLE	1	276,607	0	0
WALKER DUNLOP INC	COM	93148P102	1,276,533	16,759	SH	SOLE	1	16,759	0	0
WALMART INC	COM	931142103	54,046,470	366,541	SH	SOLE	1	366,541	0	0
WALT DISNEY CO/THE	COM	254687106	54,696,213	546,252	SH	SOLE	1	546,252	0	0
WARBY PARKER INC CLASS A	CL A	93403J106	426,639	40,287	SH	SOLE	1	40,287	0	0
WARNER BROS DISCOVERY INC	COM	934423104	12,191,800	807,404	SH	SOLE	1	807,404	0	0
WARRIOR MET COAL INC	COM	93627C101	1,032,469	28,125	SH	SOLE	1	28,125	0	0
WASHINGTON FEDERAL INC	COM	938824109	1,066,941	35,423	SH	SOLE	1	35,423	0	0
WASHINGTON TRUST BANCORP	COM	940610108	285,910	8,249	SH	SOLE	1	8,249	0	0
WASTE MANAGEMENT INC	COM	94106L109	19,125,482	117,212	SH	SOLE	1	117,212	0	0
WATERS CORP	COM	941848103	5,119,732	16,535	SH	SOLE	1	16,535	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	138,167	9,132	SH	SOLE	1	9,132	0	0
WATSCO INC	COM	942622200	16,355,015	51,405	SH	SOLE	1	51,405	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	9,271,402	55,082	SH	SOLE	1	55,082	0	0
WAYFAIR INC CLASS A	COM	94419L101	35,542	1,035	SH	SOLE	1	1,035	0	0
WD 40 CO	COM	929236107	1,327,007	7,453	SH	SOLE	1	7,453	0	0
WEATHERFORD INTERNATIONAL PL	ORD SHS	G48833118	2,024,903	34,118	SH	SOLE	1	34,118	0	0
WEAVE COMMUNICATIONS INC	COM	94724R108	75,748	15,241	SH	SOLE	1	15,241	0	0
WEBSTER FINANCIAL CORP	COM	947890109	10,583,482	268,480	SH	SOLE	1	268,480	0	0
WEC ENERGY GROUP INC	COM	92939U106	11,780,596	124,281	SH	SOLE	1	124,281	0	0
WEIBO CORP SPON ADR	ADR	948596101	13,801	688	SH	SOLE	1	688	0	0
WEIS MARKETS INC	COM	948849104	671,687	7,933	SH	SOLE	1	7,933	0	0

WEJO GROUP LTD	LTD ORD SHS	G9525W109	13,664	27,716	SH	SOLE	1	27,716	0	0
WELLS FARGO CO	COM	949746101	37,229,695	995,979	SH	SOLE	1	995,979	0	0
WELLTOWER INC	COM	95040Q104	9,195,605	128,269	SH	SOLE	1	128,269	0	0
WENDY S CO/THE	COM	95058W100	5,745,128	263,780	SH	SOLE	1	263,780	0	0
WERNER ENTERPRISES INC	COM	950755108	5,491,371	120,716	SH	SOLE	1	120,716	0	0
WESBANCO INC	COM	950810101	849,070	27,657	SH	SOLE	1	27,657	0	0
WESCO INTERNATIONAL INC	COM	95082P105	86,851	562	SH	SOLE	1	562	0	0
WEST BANCORPORATION	COM	95123P106	142,853	7,819	SH	SOLE	1	7,819	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	7,086,351	20,453	SH	SOLE	1	20,453	0	0
WESTAMERICA BANCORPORATION	COM	957090103	632,471	14,277	SH	SOLE	1	14,277	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	48,903	1,376	SH	SOLE	1	1,376	0	0
WESTERN DIGITAL CORP	COM	958102105	5,933,289	157,507	SH	SOLE	1	157,507	0	0
WESTERN UNION CO	COM	959802109	6,432,390	576,896	SH	SOLE	1	576,896	0	0
WESTLAKE CORP	COM	960413102	6,160,626	53,118	SH	SOLE	1	53,118	0	0
WESTROCK CO	COM	96145D105	2,432,572	79,835	SH	SOLE	1	79,835	0	0
WEWORK INC CL A	CL A	96209A104	1,671	2,150	SH	SOLE	1	2,150	0	0
WEX INC	COM	96208T104	12,396,760	67,414	SH	SOLE	1	67,414	0	0
WEYCO GROUP INC	COM	962149100	72,054	2,848	SH	SOLE	1	2,848	0	0
WEYERHAEUSER CO	COM	962166104	6,021,360	199,846	SH	SOLE	1	199,846	0	0
WHEELS UP EXPERIENCE INC	CL A	96328L106	49,266	77,854	SH	SOLE	1	77,854	0	0
WHIRLPOOL CORP	COM	963320106	1,951,388	14,781	SH	SOLE	1	14,781	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	35,815	26	SH	SOLE	1	26	0	0
WHITESTONE REIT	COM	966084204	234,720	25,513	SH	SOLE	1	25,513	0	0
WHOLE EARTH BRANDS INC	CL A	96684W100	50,232	19,622	SH	SOLE	1	19,622	0	0
WIDEPENWEST INC	COM	96758W101	275,019	25,872	SH	SOLE	1	25,872	0	0
WILEY (JOHN) SONS CLASS A	COM	968223206	3,347,945	86,354	SH	SOLE	1	86,354	0	0
WILLDAN GROUP INC	COM	96924N100	87,550	5,605	SH	SOLE	1	5,605	0	0
WILLIAMS COS INC	COM	969457100	10,499,941	351,639	SH	SOLE	1	351,639	0	0
WILLIAMS SONOMA INC	COM	969904101	12,526,357	102,962	SH	SOLE	1	102,962	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	6,735,767	28,986	SH	SOLE	1	28,986	0	0
WILLSCOT MOBILE MINI HOLDING	COM CL A	971378104	120,388	2,568	SH	SOLE	1	2,568	0	0
WINGSTOP INC	COM	974155103	11,075,198	60,329	SH	SOLE	1	60,329	0	0
WINMARK CORP	COM	974250102	435,144	1,358	SH	SOLE	1	1,358	0	0
WINNEBAGO INDUSTRIES	COM	974637100	941,606	16,319	SH	SOLE	1	16,319	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	6,839,135	93,751	SH	SOLE	1	93,751	0	0
WISDOMTREE INC	COM	97717P104	426,608	72,800	SH	SOLE	1	72,800	0	0
WIX.COM LTD	COM	M98068105	1,175,844	11,782	SH	SOLE	1	11,782	0	0
WM TECHNOLOGY INC	COM	92971A109	31,073	36,591	SH	SOLE	1	36,591	0	0
WOLFSPEED INC	COM	977852102	12,467,932	191,962	SH	SOLE	1	191,962	0	0

WOLVERINE WORLD WIDE INC	COM	978097103	722,050	42,349	SH	SOLE	1	42,349	0	0
WOODWARD INC	COM	980745103	8,971,867	92,142	SH	SOLE	1	92,142	0	0
WORKDAY INC CLASS A	COM	98138H101	2,268,635	10,984	SH	SOLE	1	10,984	0	0
WORKHORSE GROUP INC	COM	98138J206	97,972	73,663	SH	SOLE	1	73,663	0	0
WORKIVA INC	COM	98139A105	2,356,761	23,013	SH	SOLE	1	23,013	0	0
WORLD ACCEPTANCE CORP	COM	981419104	174,493	2,095	SH	SOLE	1	2,095	0	0
WORLD FUEL SERVICES CORP	COM	981475106	856,385	33,518	SH	SOLE	1	33,518	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	6,122,360	67,087	SH	SOLE	1	67,087	0	0
WORTHINGTON INDUSTRIES	COM	981811102	3,985,802	61,652	SH	SOLE	1	61,652	0	0
WP CAREY INC	COM	92936U109	162,722	2,101	SH	SOLE	1	2,101	0	0
WR BERKLEY CORP	COM	084423102	3,764,675	60,467	SH	SOLE	1	60,467	0	0
WSFS FINANCIAL CORP	COM	929328102	1,259,145	33,479	SH	SOLE	1	33,479	0	0
WW GRAINGER INC	COM	384802104	8,625,279	12,522	SH	SOLE	1	12,522	0	0
WW INTERNATIONAL INC	COM	98262P101	107,853	26,178	SH	SOLE	1	26,178	0	0
WYNDHAM HOTELS RESORTS INC	COM	98311A105	9,265,460	136,558	SH	SOLE	1	136,558	0	0
WYNN RESORTS LTD	COM	983134107	3,140,754	28,065	SH	SOLE	1	28,065	0	0
XCEL ENERGY INC	COM	98389B100	12,013,357	178,134	SH	SOLE	1	178,134	0	0
XENCOR INC	COM	98401F105	878,507	31,499	SH	SOLE	1	31,499	0	0
XENIA HOTELS RESORTS INC	COM	984017103	817,065	62,419	SH	SOLE	1	62,419	0	0
XERIS BIOPHARMA HOLDINGS INC	COM	98422E103	104,157	63,900	SH	SOLE	1	63,900	0	0
XEROX HOLDINGS CORP	COM	98421M106	3,497,802	227,130	SH	SOLE	1	227,130	0	0
XOMETRY INC A	CL A	98423F109	246,616	16,474	SH	SOLE	1	16,474	0	0
XOS INC	COM	98423B108	14,274	27,188	SH	SOLE	1	27,188	0	0
XPEL INC	COM	98379L100	790,666	11,636	SH	SOLE	1	11,636	0	0
XPENG INC ADR	ADS	98422D105	57,772	5,200	SH	SOLE	1	5,200	0	0
XPERI INC	COM	98423J101	248,996	22,781	SH	SOLE	1	22,781	0	0
XPO INC	COM	983793100	5,657,561	177,353	SH	SOLE	1	177,353	0	0
XPONENTIAL FITNESS INC A	CL A	98422X101	299,585	9,858	SH	SOLE	1	9,858	0	0
XYLEM INC	COM	98419M100	5,134,174	49,037	SH	SOLE	1	49,037	0	0
Y MABS THERAPEUTICS INC	COM	984241109	88,777	17,720	SH	SOLE	1	17,720	0	0
YANDEX NV A	CL A	N97284108	0	4,192	SH	SOLE	1	4,192	0	0
YELP INC	COM	985817105	1,137,896	37,065	SH	SOLE	1	37,065	0	0
YETI HOLDINGS INC	COM	98585X104	5,339,760	133,494	SH	SOLE	1	133,494	0	0
YEXT INC	COM	98585N106	521,823	54,300	SH	SOLE	1	54,300	0	0
YORK WATER CO	COM	987184108	306,106	6,848	SH	SOLE	1	6,848	0	0
YUM BRANDS INC	COM	988498101	11,108,060	84,101	SH	SOLE	1	84,101	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	376,220	5,935	SH	SOLE	1	5,935	0	0
ZAI LAB LTD ADR	ADR	98887Q104	31,697	953	SH	SOLE	1	953	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	4,502,244	14,158	SH	SOLE	1	14,158	0	0

ZENTALIS PHARMACEUTICALS INC	COM	98943L107	389,735	22,659	SH	SOLE	1	22,659	0	0
ZETA GLOBAL HOLDINGS CORP A	CL A	98956A105	580,618	53,612	SH	SOLE	1	53,612	0	0
ZIFF DAVIS INC	COM	48123V102	7,367,452	94,394	SH	SOLE	1	94,394	0	0
ZILLOW GROUP INC A	COM	98954M101	25,477	583	SH	SOLE	1	583	0	0
ZILLOW GROUP INC C	COM	98954M200	72,708	1,635	SH	SOLE	1	1,635	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	8,122,804	62,870	SH	SOLE	1	62,870	0	0
ZIMVIE INC	COM	98888T107	72,611	10,043	SH	SOLE	1	10,043	0	0
ZIONS BANCORP NA	COM	989701107	1,214,799	40,588	SH	SOLE	1	40,588	0	0
ZIPRECRUITER INC A	CL A	98980B103	560,960	35,192	SH	SOLE	1	35,192	0	0
ZOETIS INC	COM	98978V103	26,871,572	161,449	SH	SOLE	1	161,449	0	0
ZOOM VIDEO COMMUNICATIONS A	CL A	98980L101	1,203,297	16,296	SH	SOLE	1	16,296	0	0
ZOOMINFO TECHNOLOGIES INC	COM	98980F104	101,039	4,089	SH	SOLE	1	4,089	0	0
ZSCALER INC	COM	98980G102	1,053,923	9,021	SH	SOLE	1	9,021	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	159,006	5,548	SH	SOLE	1	5,548	0	0
ZUMIEZ INC	COM	989817101	157,459	8,539	SH	SOLE	1	8,539	0	0
ZUORA INC CLASS A	COM	98983V106	600,576	60,787	SH	SOLE	1	60,787	0	0
ZURN ELKAY WATER SOLUTIONS C	COM	98983L108	1,280,468	59,947	SH	SOLE	1	59,947	0	0
ZYNEX INC	COM	98986M103	141,360	11,780	SH	SOLE	1	11,780	0	0