

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: 12-31-2022

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 02-10-2023
[Signature] [City, State] [Date]

Report Type (Check only one.):

X 13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)

13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)

13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: 2
Form 13F Information Table Entry Total: 3,029
Form 13F Information Table Value Total: 14,315,671,109
(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
2	028-13934	AIG Asset Management (U.S.), LLC

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FORM 13F INFORMATION TABLE

OMB APPROVAL	
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COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8				
NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (x\$1000)	SHRS OR PRN AMT	SH/ PUT/ CALL	INVESTMENT DISCRETION	OTHER MANAGER	SOLE	SHARED	NONE	VOTING AUTHORITY
1 800 FLOWERS.COM INC CL A	CL A	68243Q106	121,670	12,727	SH	SOLE	1	12,727	0	0	
10X GENOMICS INC CLASS A	CL A	88025U109	49,595	1,361	SH	SOLE	1	1,361	0	0	
1LIFE HEALTHCARE INC	COM	68269G107	1,425,430	85,304	SH	SOLE	1	85,304	0	0	
1ST SOURCE CORP	COM	336901103	404,971	7,628	SH	SOLE	1	7,628	0	0	
1STDIBS.COM INC	COM	320551104	56,886	11,198	SH	SOLE	1	11,198	0	0	
22ND CENTURY GROUP INC	COM	90137F103	70,485	76,573	SH	SOLE	1	76,573	0	0	
23ANDME HOLDING CO CLASS A	CL A	90138Q108	263,866	122,160	SH	SOLE	1	122,160	0	0	
2SEVENTY BIO INC	COM	901384107	165,708	17,685	SH	SOLE	1	17,685	0	0	
2U INC	COM	90214J101	224,974	35,881	SH	SOLE	1	35,881	0	0	
360 DIGITECH INC	ADR	88557W101	21,073	1,035	SH	SOLE	1	1,035	0	0	
3D SYSTEMS CORP	COM	88554D205	511,954	69,183	SH	SOLE	1	69,183	0	0	
3M CO W/D	COM	88579Y101	17,261,045	143,938	SH	SOLE	1	143,938	0	0	
4D MOLECULAR THERAPEUTICS IN	COM	35104E100	315,293	14,196	SH	SOLE	1	14,196	0	0	
5E ADVANCED MATERIALS INC	COM	33830Q109	143,282	18,183	SH	SOLE	1	18,183	0	0	
8X8 INC	COM	282914100	261,425	60,515	SH	SOLE	1	60,515	0	0	
908 DEVICES INC	COM	65443P102	78,821	10,344	SH	SOLE	1	10,344	0	0	
A MARK PRECIOUS METALS INC	COM	00181T107	301,804	8,690	SH	SOLE	1	8,690	0	0	
A10 NETWORKS INC	COM	002121101	577,128	34,704	SH	SOLE	1	34,704	0	0	
AADI BIOSCIENCE INC	COM	00032Q104	87,873	6,849	SH	SOLE	1	6,849	0	0	
AAON INC	COM	000360206	1,785,837	23,710	SH	SOLE	1	23,710	0	0	
AAR CORP	COM	000361105	823,735	18,346	SH	SOLE	1	18,346	0	0	
AARON S CO INC/THE	COM	00258W108	197,151	16,498	SH	SOLE	1	16,498	0	0	
ABBOTT LABORATORIES	COM	002824100	50,029,656	455,685	SH	SOLE	1	455,685	0	0	
ABBVIE INC	COM	00287Y109	74,944,860	463,739	SH	SOLE	1	463,739	0	0	
ABCELLERA BIOLOGICS INC	COM	00288U106	992,365	97,963	SH	SOLE	1	97,963	0	0	
ABERCROMBIE FITCH CO CL A	CL A	002896207	607,459	26,515	SH	SOLE	1	26,515	0	0	
ABM INDUSTRIES INC	COM	000957100	1,600,986	36,042	SH	SOLE	1	36,042	0	0	
ABSCI CORP	COM	00091E109	52,324	24,916	SH	SOLE	1	24,916	0	0	
ACADEMY SPORTS OUTDOORS IN	COM	00402L107	2,222,337	42,298	SH	SOLE	1	42,298	0	0	
ACADIA HEALTHCARE CO INC	COM	00404A109	11,662,439	141,672	SH	SOLE	1	141,672	0	0	
ACADIA PHARMACEUTICALS INC	COM	004225108	905,386	56,871	SH	SOLE	1	56,871	0	0	
ACADIA REALTY TRUST	COM SH BEN INT	004239109	728,420	50,761	SH	SOLE	1	50,761	0	0	
ACCEL ENTERTAINMENT INC	CL A1	00436Q106	203,342	26,408	SH	SOLE	1	26,408	0	0	

ACCENTURE PLC CL A	SHS CL A	G1151C101	43,932,004	164,638	SH	SOLE	1	164,638	0	0
ACCO BRANDS CORP	COM	00081T108	243,288	43,522	SH	SOLE	1	43,522	0	0
ACCOLADE INC	COM	00437E102	242,269	31,100	SH	SOLE	1	31,100	0	0
ACI WORLDWIDE INC	COM	004498101	5,218,815	226,905	SH	SOLE	1	226,905	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	481,320	30,560	SH	SOLE	1	30,560	0	0
ACM RESEARCH INC CLASS A	CL A	00108J109	174,871	22,681	SH	SOLE	1	22,681	0	0
ACNB CORP	COM	000868109	155,816	3,914	SH	SOLE	1	3,914	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	17,474,987	228,282	SH	SOLE	1	228,282	0	0
ACUITY BRANDS INC	COM	00508Y102	8,294,411	50,084	SH	SOLE	1	50,084	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	668,745	15,750	SH	SOLE	1	15,750	0	0
ACV AUCTIONS INC A	CL A	00091G104	457,666	55,745	SH	SOLE	1	55,745	0	0
ADAPTHEALTH CORP	CL A	00653Q102	760,670	39,577	SH	SOLE	1	39,577	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	402,926	52,739	SH	SOLE	1	52,739	0	0
ADDUS HOMECARE CORP	COM	006739106	840,293	8,446	SH	SOLE	1	8,446	0	0
ADEIA INC	COM	00676P107	537,554	56,704	SH	SOLE	1	56,704	0	0
ADICET BIO INC	COM	007002108	128,244	14,345	SH	SOLE	1	14,345	0	0
ADIENT PLC	COM	G0084W101	6,646,777	191,605	SH	SOLE	1	191,605	0	0
ADMA BIOLOGICS INC	COM	000899104	341,102	87,913	SH	SOLE	1	87,913	0	0
ADOBE INC	COM	00724F101	54,587,522	162,207	SH	SOLE	1	162,207	0	0
ADT INC	COM	00090Q103	19,491	2,149	SH	SOLE	1	2,149	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	867,123	24,426	SH	SOLE	1	24,426	0	0
ADTHEORENT HOLDINGS CO INC	COM	00739D109	28,926	17,425	SH	SOLE	1	17,425	0	0
ADTRAN HOLDINGS INC	COM	00486H105	775,445	41,269	SH	SOLE	1	41,269	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	2,396,148	16,297	SH	SOLE	1	16,297	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	80,413	981	SH	SOLE	1	981	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,750,856	20,411	SH	SOLE	1	20,411	0	0
ADVANCED MICRO DEVICES	COM	007903107	36,247,753	559,638	SH	SOLE	1	559,638	0	0
ADVANSIX INC	COM	00773T101	554,027	14,572	SH	SOLE	1	14,572	0	0
ADVANTAGE SOLUTIONS INC	CL A	00791N102	81,193	39,035	SH	SOLE	1	39,035	0	0
AECOM	COM	00766T100	18,468,453	217,455	SH	SOLE	1	217,455	0	0
AEMETIS INC	COM	00770K202	56,022	14,147	SH	SOLE	1	14,147	0	0
AERCAP HOLDINGS NV	NV SHS	N00985106	1,402,246	24,044	SH	SOLE	1	24,044	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	2,398,502	42,884	SH	SOLE	1	42,884	0	0
AEROVATE THERAPEUTICS INC	COM	008064107	127,279	4,344	SH	SOLE	1	4,344	0	0
AEROVIRONMENT INC	COM	008073108	1,150,414	13,430	SH	SOLE	1	13,430	0	0
AERSALE CORP	COM	00810F106	159,686	9,845	SH	SOLE	1	9,845	0	0
AES CORP	COM	00130H105	5,610,760	195,089	SH	SOLE	1	195,089	0	0
AEVA TECHNOLOGIES INC	COM	00835Q103	62,329	45,830	SH	SOLE	1	45,830	0	0
AEYE INC	CL A	008183105	23,224	48,322	SH	SOLE	1	48,322	0	0
AFC GAMMA INC	COM	00109K105	121,357	7,715	SH	SOLE	1	7,715	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	9,294,138	58,664	SH	SOLE	1	58,664	0	0
AFFIMED NV	COM	N01045108	85,368	68,845	SH	SOLE	1	68,845	0	0
AFFIRM HOLDINGS INC	CL A	00827B106	21,632	2,237	SH	SOLE	1	2,237	0	0
AFLAC INC	COM	001055102	11,404,073	158,522	SH	SOLE	1	158,522	0	0
AGCO CORP	COM	001084102	13,379,840	96,473	SH	SOLE	1	96,473	0	0
AGENUS INC	COM	00847G705	345,828	144,095	SH	SOLE	1	144,095	0	0

AGILENT TECHNOLOGIES INC	COM	00846U101	13,812,396	92,298	SH	SOLE	1	92,298	0	0
AGILITI INC	COM	00848J104	253,441	15,539	SH	SOLE	1	15,539	0	0
AGILON HEALTH INC	COM	00857U107	45,708	2,832	SH	SOLE	1	2,832	0	0
AGILYSYS INC	COM	00847J105	852,259	10,769	SH	SOLE	1	10,769	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	724,885	25,815	SH	SOLE	1	25,815	0	0
AGNC INVESTMENT CORP	COM	00123Q104	60,734	5,868	SH	SOLE	1	5,868	0	0
AGREE REALTY CORP	COM	008492100	3,380,027	47,653	SH	SOLE	1	47,653	0	0
AIR LEASE CORP	COM	00912X302	41,033	1,068	SH	SOLE	1	1,068	0	0
AIR PRODUCTS CHEMICALS INC	COM	009158106	20,854,714	67,653	SH	SOLE	1	67,653	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	710,267	27,339	SH	SOLE	1	27,339	0	0
AIRBNB INC CLASS A	CL A	009066101	1,829,957	21,403	SH	SOLE	1	21,403	0	0
AIRSCULPT TECHNOLOGIES INC	COM	009496100	21,664	5,855	SH	SOLE	1	5,855	0	0
AKA BRANDS HOLDING CORP	COM	00152K101	6,718	5,290	SH	SOLE	1	5,290	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	4,019,424	47,680	SH	SOLE	1	47,680	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	903,707	16,491	SH	SOLE	1	16,491	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	71,008	25,180	SH	SOLE	1	25,180	0	0
AKOYA BIOSCIENCES INC	COM	00974H104	71,383	7,459	SH	SOLE	1	7,459	0	0
ALAMO GROUP INC	COM	011311107	776,676	5,485	SH	SOLE	1	5,485	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,299,840	26,270	SH	SOLE	1	26,270	0	0
ALASKA AIR GROUP INC	COM	011659109	1,472,885	34,301	SH	SOLE	1	34,301	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,670,410	16,943	SH	SOLE	1	16,943	0	0
ALBEMARLE CORP	COM	012653101	7,670,121	35,369	SH	SOLE	1	35,369	0	0
ALBERTSONS COS INC CLASS A	COM	013091103	35,901	1,731	SH	SOLE	1	1,731	0	0
ALBIREO PHARMA INC	COM	01345P106	186,127	8,613	SH	SOLE	1	8,613	0	0
ALCOA CORP	COM	013872106	12,530,031	275,567	SH	SOLE	1	275,567	0	0
ALECTOR INC	COM	014442107	271,519	29,417	SH	SOLE	1	29,417	0	0
ALERUS FINANCIAL CORP	COM	01446U103	167,420	7,170	SH	SOLE	1	7,170	0	0
ALEXANDER BALDWIN INC	COM	014491104	737,587	39,380	SH	SOLE	1	39,380	0	0
ALEXANDER S INC	COM	014752109	222,481	1,011	SH	SOLE	1	1,011	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	5,906,773	40,549	SH	SOLE	1	40,549	0	0
ALICO INC	COM	016230104	70,798	2,966	SH	SOLE	1	2,966	0	0
ALIGHT INC CLASS A	CL A	01626W101	1,342,808	160,623	SH	SOLE	1	160,623	0	0
ALIGN TECHNOLOGY INC	COM	016255101	5,357,704	25,404	SH	SOLE	1	25,404	0	0
ALIGNMENT HEALTHCARE INC	COM	01625V104	547,181	46,529	SH	SOLE	1	46,529	0	0
ALKAMI TECHNOLOGY INC	COM	01644J108	250,291	17,155	SH	SOLE	1	17,155	0	0
ALKERMES PLC	COM	G01767105	2,015,433	77,131	SH	SOLE	1	77,131	0	0
ALLBIRDS INC CL A	CL A	01675A109	110,514	45,667	SH	SOLE	1	45,667	0	0
ALLEGIANTRAVEL CO	COM	01748X102	581,247	8,549	SH	SOLE	1	8,549	0	0
ALLEGION PLC	COM	G0176J109	2,539,503	24,126	SH	SOLE	1	24,126	0	0
ALLEGRO MICROSYSTEMS INC	COM	01749D105	3,051,533	101,650	SH	SOLE	1	101,650	0	0
ALLETE INC	COM	018522300	7,454,582	115,557	SH	SOLE	1	115,557	0	0
ALLIANT ENERGY CORP	COM	018802108	3,965,513	71,826	SH	SOLE	1	71,826	0	0

ALLIED MOTION TECHNOLOGIES	COM	019330109	220,034	6,321	SH	SOLE	1	6,321	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	54,662	1,314	SH	SOLE	1	1,314	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	237,120	37,698	SH	SOLE	1	37,698	0	0
ALLOVIR INC	COM	019818103	75,370	14,692	SH	SOLE	1	14,692	0	0
ALLSTATE CORP	COM	020002101	11,382,128	83,939	SH	SOLE	1	83,939	0	0
ALLY FINANCIAL INC	COM	02005N100	75,037	3,069	SH	SOLE	1	3,069	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	447,495	1,883	SH	SOLE	1	1,883	0	0
ALPHA OMEGA SEMICONDUCTOR	COM	G6331P104	342,326	11,982	SH	SOLE	1	11,982	0	0
ALPHA METALLURGICAL RESOURCE	COM	020764106	1,055,326	7,209	SH	SOLE	1	7,209	0	0
ALPHA TEKNOVA INC	COM	02080L102	16,762	2,972	SH	SOLE	1	2,972	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	160,443,167	1,818,465	SH	SOLE	1	1,818,465	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	145,566,179	1,640,552	SH	SOLE	1	1,640,552	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	423,444	34,287	SH	SOLE	1	34,287	0	0
ALPINE IMMUNE SCIENCES INC	COM	02083G100	78,719	10,710	SH	SOLE	1	10,710	0	0
ALTA EQUIPMENT GROUP INC	COM	02128L106	129,368	9,808	SH	SOLE	1	9,808	0	0
ALTAIR ENGINEERING INC A	COM	021369103	1,117,971	24,587	SH	SOLE	1	24,587	0	0
ALTERYX INC CLASS A	COM	02156B103	46,566	919	SH	SOLE	1	919	0	0
ALTICE USA INC A	COM	02156K103	9,899	2,152	SH	SOLE	1	2,152	0	0
ALTO INGREDIENTS INC	COM	021513106	98,410	34,170	SH	SOLE	1	34,170	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	1,837,611	30,755	SH	SOLE	1	30,755	0	0
ALTRIA GROUP INC	COM	02209S103	21,409,878	468,385	SH	SOLE	1	468,385	0	0
ALTUS POWER INC	CL A	02217A102	133,562	20,485	SH	SOLE	1	20,485	0	0
ALX ONCOLOGY HOLDINGS INC	COM	00166B105	114,357	10,147	SH	SOLE	1	10,147	0	0
AMALGAMATED FINANCIAL CORP	COM	022671101	192,453	8,353	SH	SOLE	1	8,353	0	0
AMAZON.COM INC	COM	023135106	230,265,000	2,741,250	SH	SOLE	1	2,741,250	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	420,496	24,111	SH	SOLE	1	24,111	0	0
AMBARELLA INC	COM	G037AX101	1,417,152	17,234	SH	SOLE	1	17,234	0	0
AMC ENTERTAINMENT HLDS CL A	CL A COM	00165C104	21,632	5,315	SH	SOLE	1	5,315	0	0
AMC NETWORKS INC A	COM	00164V103	255,202	16,286	SH	SOLE	1	16,286	0	0
AMCOR PLC	COM	G0250X107	5,926,118	497,575	SH	SOLE	1	497,575	0	0
AMDOCS LTD	COM	G02602103	112,898	1,242	SH	SOLE	1	1,242	0	0
AMEDISYS INC	COM	023436108	4,227,040	50,599	SH	SOLE	1	50,599	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	181,289	4,909	SH	SOLE	1	4,909	0	0
AMERANT BANCORP INC	COM	023576101	352,141	13,120	SH	SOLE	1	13,120	0	0
AMEREN CORPORATION	COM	023608102	6,221,555	69,968	SH	SOLE	1	69,968	0	0
AMERESCO INC CL A	CL A	02361E108	859,728	15,046	SH	SOLE	1	15,046	0	0
AMERICA S CAR MART INC	COM	03062T105	230,582	3,191	SH	SOLE	1	3,191	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	2,237,194	175,880	SH	SOLE	1	175,880	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	716,295	27,030	SH	SOLE	1	27,030	0	0
AMERICAN AXLE MFG HOLDINGS	COM	024061103	481,227	61,538	SH	SOLE	1	61,538	0	0

AMERICAN EAGLE OUTFITTERS	COM	02553E106	1,189,615	85,216	SH	SOLE	1	85,216	0	0
AMERICAN ELECTRIC POWER	COM	025537101	15,327,589	161,428	SH	SOLE	1	161,428	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,751,215	38,387	SH	SOLE	1	38,387	0	0
AMERICAN EXPRESS CO	COM	025816109	27,213,777	184,188	SH	SOLE	1	184,188	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	14,923,983	108,712	SH	SOLE	1	108,712	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	95,423	3,166	SH	SOLE	1	3,166	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	12,235,422	193,476	SH	SOLE	1	193,476	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	108,889	8,860	SH	SOLE	1	8,860	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	18,135	707	SH	SOLE	1	707	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	218,306	14,871	SH	SOLE	1	14,871	0	0
AMERICAN STATES WATER CO	COM	029899101	1,857,293	20,068	SH	SOLE	1	20,068	0	0
AMERICAN TOWER CORP	COM	03027X100	28,768,681	135,791	SH	SOLE	1	135,791	0	0
AMERICAN VANGUARD CORP	COM	030371108	330,383	15,218	SH	SOLE	1	15,218	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	7,527,109	49,384	SH	SOLE	1	49,384	0	0
AMERICAN WELL CORP CLASS A	CL A	03044L105	307,083	108,510	SH	SOLE	1	108,510	0	0
AMERICAN WOODMARK CORP	COM	030506109	439,105	8,987	SH	SOLE	1	8,987	0	0
AMERICOLD REALTY TRUST INC	COM	03064D108	78,249	2,764	SH	SOLE	1	2,764	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	10,842,838	34,823	SH	SOLE	1	34,823	0	0
AMERIS BANCORP	COM	03076K108	1,692,515	35,904	SH	SOLE	1	35,904	0	0
AMERISAFE INC	COM	03071H100	540,020	10,391	SH	SOLE	1	10,391	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	7,382,381	44,550	SH	SOLE	1	44,550	0	0
AMETEK INC	COM	031100100	9,297,109	66,541	SH	SOLE	1	66,541	0	0
AMGEN INC	COM	031162100	49,476,911	188,383	SH	SOLE	1	188,383	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,592,843	130,454	SH	SOLE	1	130,454	0	0
AMKOR TECHNOLOGY INC	COM	031652100	4,877,748	203,409	SH	SOLE	1	203,409	0	0
AMMO INC	COM	00175J107	72,395	41,847	SH	SOLE	1	41,847	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	2,418,943	23,526	SH	SOLE	1	23,526	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	96,945	48,716	SH	SOLE	1	48,716	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	582,031	20,772	SH	SOLE	1	20,772	0	0
AMPHENOL CORP CL A	CL A	032095101	15,140,058	198,845	SH	SOLE	1	198,845	0	0
AMPLIFY ENERGY CORP	COM	03212B103	148,322	16,874	SH	SOLE	1	16,874	0	0
AMPLITUDE INC CLASS A	CL A	03213A104	319,540	26,452	SH	SOLE	1	26,452	0	0
AMYLYX PHARMACEUTICALS INC	COM	03237H101	881,368	23,853	SH	SOLE	1	23,853	0	0
AMYRIS INC	COM	03236M200	144,940	94,732	SH	SOLE	1	94,732	0	0
AN2 THERAPEUTICS INC	COM	037326105	50,080	5,255	SH	SOLE	1	5,255	0	0
ANALOG DEVICES INC	COM	032654105	30,510,892	186,008	SH	SOLE	1	186,008	0	0
ANAPTYSBIO INC	COM	032724106	297,039	9,585	SH	SOLE	1	9,585	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	302,904	32,711	SH	SOLE	1	32,711	0	0

ANDERSONS INC/THE	COM	034164103	606,972	17,347	SH	SOLE	1	17,347	0	0
ANGEL OAK MORTGAGE INC	COM	03464Y108	26,687	5,642	SH	SOLE	1	5,642	0	0
ANGIODYNAMICS INC	COM	03475V101	280,357	20,360	SH	SOLE	1	20,360	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	277,185	6,890	SH	SOLE	1	6,890	0	0
ANIKA THERAPEUTICS INC	COM	035255108	234,550	7,924	SH	SOLE	1	7,924	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710839	15,360,343	728,669	SH	SOLE	1	728,669	0	0
ANSYS INC	COM	03662Q105	7,709,620	31,912	SH	SOLE	1	31,912	0	0
ANTERIX INC	COM	03676C100	280,104	8,707	SH	SOLE	1	8,707	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	5,628,722	521,661	SH	SOLE	1	521,661	0	0
ANTERO RESOURCES CORP	COM	03674X106	13,358,363	431,054	SH	SOLE	1	431,054	0	0
ANYWHERE REAL ESTATE INC	COM	75605Y106	373,821	58,501	SH	SOLE	1	58,501	0	0
AON PLC CLASS A	CL A	G0403H108	18,844,890	62,787	SH	SOLE	1	62,787	0	0
APA CORP	COM	03743Q108	4,089,355	87,604	SH	SOLE	1	87,604	0	0
APARTMENT INCOME REIT CO	COM	03750L109	8,013,547	233,563	SH	SOLE	1	233,563	0	0
APARTMENT INVT MGMT CO A	COM	03748R747	504,488	70,855	SH	SOLE	1	70,855	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	2,293,907	44,361	SH	SOLE	1	44,361	0	0
API GROUP CORP	COM	00187Y100	1,841,236	97,886	SH	SOLE	1	97,886	0	0
APOGEE ENTERPRISES INC	COM	037598109	536,943	12,077	SH	SOLE	1	12,077	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	814,317	75,680	SH	SOLE	1	75,680	0	0
APOLLO GLOBAL MANAGEMENT INC	COM	03769M106	435,558	6,828	SH	SOLE	1	6,828	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	627,693	21,213	SH	SOLE	1	21,213	0	0
APPFOLIO INC A	COM	03783C100	966,335	9,170	SH	SOLE	1	9,170	0	0
APPHARVEST INC	COM	03783T103	20,327	35,824	SH	SOLE	1	35,824	0	0
APPIAN CORP A	COM	03782L101	616,654	18,939	SH	SOLE	1	18,939	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	1,606,199	101,787	SH	SOLE	1	101,787	0	0
APPLE INC	COM	037833100	578,351,692	4,451,256	SH	SOLE	1	4,451,256	0	0
APPLIED DIGITAL CORP	COM	038169207	58,797	31,955	SH	SOLE	1	31,955	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	2,625,079	20,829	SH	SOLE	1	20,829	0	0
APPLIED MATERIALS INC	COM	038222105	29,791,756	305,933	SH	SOLE	1	305,933	0	0
APPLOVIN CORP CLASS A	CL A	03831W108	35,286	3,351	SH	SOLE	1	3,351	0	0
APTARGROUP INC	COM	038336103	11,182,546	101,678	SH	SOLE	1	101,678	0	0
APTIV PLC	COM	G6095L109	8,712,777	93,555	SH	SOLE	1	93,555	0	0
ARAMARK	COM	03852U106	98,555	2,384	SH	SOLE	1	2,384	0	0
ARBOR REALTY TRUST INC	COM	038923108	1,030,574	78,133	SH	SOLE	1	78,133	0	0
ARBUTUS BIOPHARMA CORP	COM	03879J100	125,217	53,741	SH	SOLE	1	53,741	0	0
ARCBEST CORP	COM	03937C105	930,692	13,288	SH	SOLE	1	13,288	0	0
ARCELLX INC	COM	03940C100	433,379	13,989	SH	SOLE	1	13,989	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	6,628,124	105,577	SH	SOLE	1	105,577	0	0
ARCH RESOURCES INC	CL A	03940R107	1,003,100	7,025	SH	SOLE	1	7,025	0	0
ARCHER AVIATION INC A	CL A	03945R102	128,246	68,581	SH	SOLE	1	68,581	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	13,327,503	143,538	SH	SOLE	1	143,538	0	0

ARCHROCK INC	COM	03957W106	659,779	73,472	SH	SOLE	1	73,472	0	0
ARCONIC CORP	COM	03966V107	1,167,440	55,172	SH	SOLE	1	55,172	0	0
ARCOSA INC	COM	039653100	1,430,609	26,327	SH	SOLE	1	26,327	0	0
ARCTURUS THERAPEUTICS HOLDIN	COM	03969T109	185,424	10,933	SH	SOLE	1	10,933	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	578,358	27,967	SH	SOLE	1	27,967	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	290,568	19,633	SH	SOLE	1	19,633	0	0
ARDAGH METAL PACKAGING SA	CL A	L02235106	8,557	1,779	SH	SOLE	1	1,779	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	278,689	19,340	SH	SOLE	1	19,340	0	0
ARENA GROUP HOLDINGS INC/THE	COM	040044109	58,302	5,495	SH	SOLE	1	5,495	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	249,893	24,285	SH	SOLE	1	24,285	0	0
ARES MANAGEMENT CORP A	COM	03990B101	160,766	2,349	SH	SOLE	1	2,349	0	0
ARGAN INC	COM	04010E109	228,545	6,197	SH	SOLE	1	6,197	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	388,422	15,026	SH	SOLE	1	15,026	0	0
ARIS WATER SOLUTION INC A	CL A	04041L106	150,095	10,416	SH	SOLE	1	10,416	0	0
ARISTA NETWORKS INC	COM	040413106	9,242,744	76,166	SH	SOLE	1	76,166	0	0
ARKO CORP	COM	041242108	341,750	39,463	SH	SOLE	1	39,463	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	166,037	47,304	SH	SOLE	1	47,304	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	419,980	36,520	SH	SOLE	1	36,520	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	402,793	71,544	SH	SOLE	1	71,544	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	41,017	598	SH	SOLE	1	598	0	0
ARRAY TECHNOLOGIES INC	COM	04271T100	1,378,751	71,327	SH	SOLE	1	71,327	0	0
ARROW ELECTRONICS INC	COM	042735100	10,018,747	95,809	SH	SOLE	1	95,809	0	0
ARROW FINANCIAL CORP	COM	042744102	227,266	6,704	SH	SOLE	1	6,704	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	8,617,215	212,456	SH	SOLE	1	212,456	0	0
ARTERIS INC	COM	04302A104	36,116	8,399	SH	SOLE	1	8,399	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	227,700	3,887	SH	SOLE	1	3,887	0	0
ARTHUR J GALLAGHER CO	COM	363576109	13,108,809	69,528	SH	SOLE	1	69,528	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	844,401	28,431	SH	SOLE	1	28,431	0	0
ARTIVION INC	COM	228903100	257,720	21,264	SH	SOLE	1	21,264	0	0
ARVINAS INC	COM	04335A105	787,172	23,010	SH	SOLE	1	23,010	0	0
ASANA INC CL A	CL A	04342Y104	479,733	34,839	SH	SOLE	1	34,839	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	2,157,991	12,039	SH	SOLE	1	12,039	0	0
ASGN INC	COM	00191U102	8,181,896	100,416	SH	SOLE	1	100,416	0	0
ASHFORD HOSPITALITY TRUST	COM	044103869	72,740	16,273	SH	SOLE	1	16,273	0	0
ASHLAND INC	COM	044186104	8,342,392	77,582	SH	SOLE	1	77,582	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	2,594,307	4,748	SH	SOLE	1	4,748	0	0
ASPEN AEROGELS INC	COM	04523Y105	173,466	14,713	SH	SOLE	1	14,713	0	0
ASPEN TECHNOLOGY INC	COM	29109X106	9,314,274	45,347	SH	SOLE	1	45,347	0	0
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	234,462	10,194	SH	SOLE	1	10,194	0	0
ASSOCIATED BANC	COM	045487105	7,001,488	303,226	SH	SOLE	1	303,226	0	0

CORP										
ASSOCIATED CAPITAL GROUP A	COM	045528106	33,718	803	SH	SOLE	1	803	0	0
ASSURANT INC	COM	04621X108	1,790,984	14,321	SH	SOLE	1	14,321	0	0
ASSURED GUARANTY LTD	COM	G0585R106	299,906	4,817	SH	SOLE	1	4,817	0	0
ASTEC INDUSTRIES INC	COM	046224101	504,225	12,401	SH	SOLE	1	12,401	0	0
ASTRA SPACE INC	CL A	04634X103	31,713	73,106	SH	SOLE	1	73,106	0	0
ASTRAZENECA PLC SPONS ADR	SPON ADR	046353108	2,226,010	32,832	SH	SOLE	1	32,832	0	0
ASTRONICS CORP	COM	046433108	123,209	11,962	SH	SOLE	1	11,962	0	0
ATT INC	COM	00206R102	37,536,407	2,038,914	SH	SOLE	1	2,038,914	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	143,874	43,864	SH	SOLE	1	43,864	0	0
ATEA PHARMACEUTICALS INC	COM	04683R106	173,607	36,093	SH	SOLE	1	36,093	0	0
ATERIAN INC	COM	02156U101	24,030	31,195	SH	SOLE	1	31,195	0	0
ATHIRA PHARMA INC	COM	04746L104	50,983	16,083	SH	SOLE	1	16,083	0	0
ATI INC	COM	01741R102	2,025,762	67,842	SH	SOLE	1	67,842	0	0
ATI PHYSICAL THERAPY INC	CL A	00216W109	10,793	35,388	SH	SOLE	1	35,388	0	0
ATKORE INC	COM	047649108	2,211,690	19,500	SH	SOLE	1	19,500	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,245,080	35,432	SH	SOLE	1	35,432	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	52,164	1,991	SH	SOLE	1	1,991	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	1,518,653	15,066	SH	SOLE	1	15,066	0	0
ATLAS TECHNICAL CONSULTANTS	CL A	049430101	46,664	9,061	SH	SOLE	1	9,061	0	0
ATLASSIAN CORP CL A	CL A	049468101	1,025,322	7,968	SH	SOLE	1	7,968	0	0
ATMOS ENERGY CORP	COM	049560105	5,031,495	44,896	SH	SOLE	1	44,896	0	0
ATN INTERNATIONAL INC	COM	00215F107	268,598	5,928	SH	SOLE	1	5,928	0	0
ATOMERA INC	COM	04965B100	60,682	9,756	SH	SOLE	1	9,756	0	0
ATRICURE INC	COM	04963C209	957,055	21,565	SH	SOLE	1	21,565	0	0
ATRION CORPORATION	COM	049904105	359,726	643	SH	SOLE	1	643	0	0
AUDACY INC	CL A	05070N103	12,839	57,037	SH	SOLE	1	57,037	0	0
AURA BIOSCIENCES INC	COM	05153U107	91,014	8,668	SH	SOLE	1	8,668	0	0
AURINIA PHARMACEUTICALS INC	COM	05156V102	274,126	63,455	SH	SOLE	1	63,455	0	0
AUTODESK INC	COM	052769106	14,371,985	76,909	SH	SOLE	1	76,909	0	0
AUTOHOME INC ADR	ADR	05278C107	23,623	772	SH	SOLE	1	772	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	36,385,066	152,328	SH	SOLE	1	152,328	0	0
AUTONATION INC	COM	05329W102	5,715,549	53,267	SH	SOLE	1	53,267	0	0
AUTOZONE INC	COM	053332102	14,358,100	5,822	SH	SOLE	1	5,822	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	6,116,278	37,867	SH	SOLE	1	37,867	0	0
AVANGRID INC	COM	05351W103	31,332	729	SH	SOLE	1	729	0	0
AVANOS MEDICAL INC	COM	05350V106	681,263	25,176	SH	SOLE	1	25,176	0	0
AVANTOR INC	COM	05352A100	192,383	9,122	SH	SOLE	1	9,122	0	0
AVAYA HOLDINGS CORP	COM	05351X101	7,915	40,382	SH	SOLE	1	40,382	0	0
AVEANNA HEALTHCARE HOLDINGS	COM	05356F105	16,428	21,062	SH	SOLE	1	21,062	0	0
AVEPOINT INC	CL A	053604104	254,240	61,859	SH	SOLE	1	61,859	0	0
VERY DENNISON CORP	COM	053611109	4,988,541	27,561	SH	SOLE	1	27,561	0	0
AVIAT NETWORKS INC	COM	05366Y201	165,151	5,295	SH	SOLE	1	5,295	0	0
AVID BIOSERVICES INC	COM	05368M106	458,155	33,272	SH	SOLE	1	33,272	0	0
AVID TECHNOLOGY INC	COM	05367P100	499,786	18,796	SH	SOLE	1	18,796	0	0

AVIDITY BIOSCIENCES INC	COM	05370A108	561,629	25,310	SH	SOLE	1	25,310	0	0
AVIDXCHANGE HOLDINGS INC	COM	05368X102	689,329	69,349	SH	SOLE	1	69,349	0	0
AVIENT CORP	COM	05368V106	5,919,107	175,329	SH	SOLE	1	175,329	0	0
AVIS BUDGET GROUP INC	COM	053774105	6,353,271	38,756	SH	SOLE	1	38,756	0	0
AVISTA CORP	COM	05379B107	1,778,211	40,104	SH	SOLE	1	40,104	0	0
AVNET INC	COM	053807103	5,926,231	142,526	SH	SOLE	1	142,526	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	64,719	2,541	SH	SOLE	1	2,541	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	1,410,545	17,774	SH	SOLE	1	17,774	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	43,336	800	SH	SOLE	1	800	0	0
AXOGEN INC	COM	05463X106	191,406	19,179	SH	SOLE	1	19,179	0	0
AXON ENTERPRISE INC	COM	05464C101	17,514,907	105,556	SH	SOLE	1	105,556	0	0
AXONICS INC	COM	05465P101	1,449,946	23,188	SH	SOLE	1	23,188	0	0
AXOS FINANCIAL INC	COM	05465C100	1,180,119	30,877	SH	SOLE	1	30,877	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	1,169,291	15,160	SH	SOLE	1	15,160	0	0
AXT INC	COM	00246W103	85,252	19,464	SH	SOLE	1	19,464	0	0
AZEK CO INC/THE	CL A	05478C105	23,246	1,144	SH	SOLE	1	1,144	0	0
AZENTA INC	COM	114340102	6,801,843	116,830	SH	SOLE	1	116,830	0	0
AZZ INC	COM	002474104	537,152	13,362	SH	SOLE	1	13,362	0	0
BG FOODS INC	COM	05508R106	429,565	38,526	SH	SOLE	1	38,526	0	0
B. RILEY FINANCIAL INC	COM	05580M108	374,661	10,955	SH	SOLE	1	10,955	0	0
BABCOCK WILCOX ENTERPR	COM	05614L209	165,853	28,744	SH	SOLE	1	28,744	0	0
BABYLON HOLDINGS LTD CL A	CL A	G07031209	13,906	2,060	SH	SOLE	1	2,060	0	0
BADGER METER INC	COM	056525108	1,734,122	15,905	SH	SOLE	1	15,905	0	0
BAKER HUGHES CO	COM	05722G100	10,027,325	339,564	SH	SOLE	1	339,564	0	0
BAKKT HOLDINGS INC	CL A	05759B107	32,896	27,644	SH	SOLE	1	27,644	0	0
BALCHEM CORP	COM	057665200	2,117,143	17,338	SH	SOLE	1	17,338	0	0
BALL CORP	COM	058498106	5,157,316	100,847	SH	SOLE	1	100,847	0	0
BALLY S CORP	COM	05875B106	328,762	16,964	SH	SOLE	1	16,964	0	0
BANC OF CALIFORNIA INC	COM	05990K106	459,947	28,873	SH	SOLE	1	28,873	0	0
BANCFIRST CORP	COM	05945F103	928,447	10,529	SH	SOLE	1	10,529	0	0
BANCORP INC/THE	COM	05969A105	844,787	29,767	SH	SOLE	1	29,767	0	0
BANDWIDTH INC CLASS A	COM	05988J103	251,739	10,969	SH	SOLE	1	10,969	0	0
BANK FIRST CORP	COM	06211J100	339,350	3,656	SH	SOLE	1	3,656	0	0
BANK OF AMERICA CORP	COM	060505104	60,195,468	1,817,496	SH	SOLE	1	1,817,496	0	0
BANK OF HAWAII CORP	COM	062540109	4,833,074	62,314	SH	SOLE	1	62,314	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	243,674	7,411	SH	SOLE	1	7,411	0	0
BANK OF N.T. BUTTERFIELD SON	COM	G0772R208	701,101	23,519	SH	SOLE	1	23,519	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	10,680,358	234,630	SH	SOLE	1	234,630	0	0
BANK OZK	COM	06417N103	6,906,905	172,414	SH	SOLE	1	172,414	0	0
BANKUNITED INC	COM	06652K103	1,436,014	42,273	SH	SOLE	1	42,273	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	78,431	2,665	SH	SOLE	1	2,665	0	0
BANNER CORPORATION	COM	06652V208	1,174,446	18,583	SH	SOLE	1	18,583	0	0
BAR HARBOR BANKSHARES	COM	066849100	223,960	6,990	SH	SOLE	1	6,990	0	0
BARK INC	COM	68622E104	84,133	56,465	SH	SOLE	1	56,465	0	0
BARNES GROUP INC	COM	067806109	1,091,757	26,726	SH	SOLE	1	26,726	0	0

BARRETT BUSINESS SVCS INC	COM	068463108	302,041	3,238	SH	SOLE	1	3,238	0	0
BATH BODY WORKS INC	COM	070830104	2,605,179	61,822	SH	SOLE	1	61,822	0	0
BATTALION OIL CORP	COM	07134L107	11,526	1,187	SH	SOLE	1	1,187	0	0
BAXTER INTERNATIONAL INC	COM	071813109	7,923,337	155,451	SH	SOLE	1	155,451	0	0
BAYCOM CORP	COM	07272M107	110,046	5,798	SH	SOLE	1	5,798	0	0
BCB BANCORP INC	COM	055298103	122,296	6,798	SH	SOLE	1	6,798	0	0
BEACHBODY CO INC/THE	CL A	073463101	26,042	49,510	SH	SOLE	1	49,510	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,283,061	24,305	SH	SOLE	1	24,305	0	0
BEAM THERAPEUTICS INC	COM	07373V105	1,175,803	30,064	SH	SOLE	1	30,064	0	0
BEAUTY HEALTH CO/THE	CL A	88331L108	408,299	44,868	SH	SOLE	1	44,868	0	0
BEAZER HOMES USA INC	COM	07556Q881	176,586	13,839	SH	SOLE	1	13,839	0	0
BECTON DICKINSON AND CO	COM	075887109	18,885,844	74,266	SH	SOLE	1	74,266	0	0
BED BATH BEYOND INC	COM	075896100	104,790	41,749	SH	SOLE	1	41,749	0	0
BEIGENE LTD ADR	SPON ADR	07725L102	153,958	700	SH	SOLE	1	700	0	0
BELDEN INC	COM	077454106	6,206,480	86,321	SH	SOLE	1	86,321	0	0
BELLRING BRANDS INC	COM	07831C103	6,972,619	271,943	SH	SOLE	1	271,943	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	507,110	19,000	SH	SOLE	1	19,000	0	0
BENEFITFOCUS INC	COM	08180D106	129,348	12,366	SH	SOLE	1	12,366	0	0
BENSON HILL INC	COM	082490103	206,522	80,989	SH	SOLE	1	80,989	0	0
BENTLEY SYSTEMS INC CLASS B	CL B	08265T208	95,431	2,582	SH	SOLE	1	2,582	0	0
BERKELEY LIGHTS INC	COM	084310101	71,588	26,712	SH	SOLE	1	26,712	0	0
BERKSHIRE GREY INC	CL A	084656107	14,121	23,383	SH	SOLE	1	23,383	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	144,928,158	469,175	SH	SOLE	1	469,175	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	708,989	23,712	SH	SOLE	1	23,712	0	0
BERRY CORP	COM	08579X101	288,336	36,042	SH	SOLE	1	36,042	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	96,205	1,592	SH	SOLE	1	1,592	0	0
BEST BUY CO INC	COM	086516101	4,376,258	54,560	SH	SOLE	1	54,560	0	0
BEYOND MEAT INC	COM	08862E109	357,556	29,046	SH	SOLE	1	29,046	0	0
BGC PARTNERS INC CL A	CL A	05541T101	562,333	149,160	SH	SOLE	1	149,160	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	89,625	10,150	SH	SOLE	1	10,150	0	0
BIG LOTS INC	COM	089302103	227,277	15,461	SH	SOLE	1	15,461	0	0
BIGCOMMERCE HOLDINGS SER 1	COM SER 1	08975P108	268,834	30,759	SH	SOLE	1	30,759	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	48,441	349	SH	SOLE	1	349	0	0
BILL.COM HOLDINGS INC	COM	090043100	110,812	1,017	SH	SOLE	1	1,017	0	0
BIO RAD LABORATORIES A	COM	090572207	2,905,586	6,910	SH	SOLE	1	6,910	0	0
BIO TECHNE CORP	COM	09073M104	3,596,578	43,395	SH	SOLE	1	43,395	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	1,007,255	87,740	SH	SOLE	1	87,740	0	0
BIOGEN INC	COM	09062X103	15,042,848	54,322	SH	SOLE	1	54,322	0	0
BIOHAVEN LTD	COM	G1110E107	415,192	29,913	SH	SOLE	1	29,913	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	334,061	18,355	SH	SOLE	1	18,355	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	196,424	1,898	SH	SOLE	1	1,898	0	0
BIONANO GENOMICS INC	COM	09075F107	206,641	141,535	SH	SOLE	1	141,535	0	0

BIOVENTUS INC A	CL A	09075A108	39,448	15,114	SH	SOLE	1	15,114	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	194,308	9,046	SH	SOLE	1	9,046	0	0
BIRD GLOBAL INC CLASS A	CL A	09077J107	14,994	83,209	SH	SOLE	1	83,209	0	0
BJ S RESTAURANTS INC	COM	09180C106	326,453	12,375	SH	SOLE	1	12,375	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	13,944,940	210,776	SH	SOLE	1	210,776	0	0
BLACK HILLS CORP	COM	092113109	9,245,630	131,442	SH	SOLE	1	131,442	0	0
BLACK KNIGHT INC	COM	09215C105	102,629	1,662	SH	SOLE	1	1,662	0	0
BLACKBAUD INC	COM	09227Q100	5,355,024	90,979	SH	SOLE	1	90,979	0	0
BLACKLINE INC	COM	09239B109	1,757,832	26,131	SH	SOLE	1	26,131	0	0
BLACKROCK INC	COM	09247X101	34,041,168	48,038	SH	SOLE	1	48,038	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	1,705,540	80,564	SH	SOLE	1	80,564	0	0
BLADE AIR MOBILITY INC	CL A	092667104	96,130	26,852	SH	SOLE	1	26,852	0	0
BLEND LABS INC A	CL A	09352U108	128,949	89,548	SH	SOLE	1	89,548	0	0
BLINK CHARGING CO	COM	09354A100	185,832	16,940	SH	SOLE	1	16,940	0	0
BLOOM ENERGY CORP A	COM	093712107	1,627,169	85,103	SH	SOLE	1	85,103	0	0
BLOOMIN BRANDS INC	COM	094235108	956,082	47,519	SH	SOLE	1	47,519	0	0
BLUCORA INC	COM	095229100	661,227	25,900	SH	SOLE	1	25,900	0	0
BLUE BIRD CORP	COM	095306106	88,507	8,264	SH	SOLE	1	8,264	0	0
BLUE FOUNDRY BANCORP	COM	09549B104	155,793	12,124	SH	SOLE	1	12,124	0	0
BLUE OWL CAPITAL INC	CL A	09581B103	67,480	6,366	SH	SOLE	1	6,366	0	0
BLUE RIDGE BANKSHARES INC	COM	095825105	100,569	8,052	SH	SOLE	1	8,052	0	0
BLUEBIRD BIO INC	COM	09609G100	271,776	39,274	SH	SOLE	1	39,274	0	0
BLUEGREEN VACATIONS HOLDING	CL A	096308101	139,352	5,583	SH	SOLE	1	5,583	0	0
BLUELINX HOLDINGS INC	COM	09624H208	294,751	4,145	SH	SOLE	1	4,145	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	1,238,333	28,266	SH	SOLE	1	28,266	0	0
BLUEROCK HOMES TRUST INC	CL A	09631H100	38,635	1,813	SH	SOLE	1	1,813	0	0
BOEING CO/THE	COM	097023105	27,789,634	145,885	SH	SOLE	1	145,885	0	0
BOISE CASCADE CO	COM	09739D100	1,474,208	21,468	SH	SOLE	1	21,468	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	30,929	298	SH	SOLE	1	298	0	0
BOOKING HOLDINGS INC	COM	09857L108	28,107,110	13,947	SH	SOLE	1	13,947	0	0
BOOT BARN HOLDINGS INC	COM	099406100	1,004,259	16,063	SH	SOLE	1	16,063	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	210,085	2,010	SH	SOLE	1	2,010	0	0
BORGWARNER INC	COM	099724106	2,550,804	63,374	SH	SOLE	1	63,374	0	0
BORR DRILLING LTD	LTD SHS	G1466R173	473,750	95,322	SH	SOLE	1	95,322	0	0
BOSTON BEER COMPANY INC A	COM	100557107	4,852,512	14,726	SH	SOLE	1	14,726	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	274,408	10,355	SH	SOLE	1	10,355	0	0
BOSTON PROPERTIES INC	COM	101121101	2,619,333	38,759	SH	SOLE	1	38,759	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	17,321,730	374,362	SH	SOLE	1	374,362	0	0
BOWLERO CORP	CL A	10258P102	188,329	13,971	SH	SOLE	1	13,971	0	0
BOX INC CLASS A	COM	10316T104	2,059,281	66,151	SH	SOLE	1	66,151	0	0
BOXED INC	COM	103174108	5,301	27,199	SH	SOLE	1	27,199	0	0
BOYD GAMING CORP	COM	103304101	6,735,164	123,513	SH	SOLE	1	123,513	0	0
BRADY CORPORATION CL A	CL A	104674106	1,170,765	24,857	SH	SOLE	1	24,857	0	0

BRAEMAR HOTELS RESORTS INC	COM	10482B101	133,090	32,382	SH	SOLE	1	32,382	0	0
BRANDYWINE REALTY TRUST	COM	105368203	568,199	92,390	SH	SOLE	1	92,390	0	0
BRC INC A	CL A	05601U105	78,129	12,787	SH	SOLE	1	12,787	0	0
BREAD FINANCIAL HOLDINGS INC	COM	018581108	1,024,540	27,205	SH	SOLE	1	27,205	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	381,648	50,085	SH	SOLE	1	50,085	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	170,712	9,623	SH	SOLE	1	9,623	0	0
BRIGHT HEALTH GROUP INC	COM	10920V107	59,346	91,316	SH	SOLE	1	91,316	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	42,466	673	SH	SOLE	1	673	0	0
BRIGHTCOVE	COM	10921T101	103,073	19,708	SH	SOLE	1	19,708	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	5,519,779	107,661	SH	SOLE	1	107,661	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	361,529	17,567	SH	SOLE	1	17,567	0	0
BRIGHTSPIRE CAPITAL INC	CL A	10949T109	276,176	44,330	SH	SOLE	1	44,330	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	144,752	21,009	SH	SOLE	1	21,009	0	0
BRINK S CO/THE	COM	109696104	5,011,519	93,307	SH	SOLE	1	93,307	0	0
BRINKER INTERNATIONAL INC	COM	109641100	754,799	23,654	SH	SOLE	1	23,654	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	40,114,355	557,531	SH	SOLE	1	557,531	0	0
BRISTOW GROUP INC	COM	11040G103	344,795	12,709	SH	SOLE	1	12,709	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	10,588,704	467,080	SH	SOLE	1	467,080	0	0
BROADCOM INC	COM	11135F101	79,120,250	141,506	SH	SOLE	1	141,506	0	0
BROADMARK REALTY CAPITAL INC	COM	11135B100	219,285	61,597	SH	SOLE	1	61,597	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	4,355,469	32,472	SH	SOLE	1	32,472	0	0
BROADSTONE NET LEASE INC	COM	11135E203	1,327,226	81,877	SH	SOLE	1	81,877	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	240,205	87,987	SH	SOLE	1	87,987	0	0
BROOKFIELD BUSINESS CL A	CL A	11259V106	230,892	12,288	SH	SOLE	1	12,288	0	0
BROOKFIELD INFRASTRUCTURE A	CL A	11275Q107	1,802,354	46,333	SH	SOLE	1	46,333	0	0
BROOKFIELD RENEWABLE COR A	CL A SUB VTG	11284V105	36,160	1,313	SH	SOLE	1	1,313	0	0
BROOKLINE BANCORP INC	COM	11373M107	579,626	40,963	SH	SOLE	1	40,963	0	0
BROWN BROWN INC	COM	115236101	3,645,510	63,990	SH	SOLE	1	63,990	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	39,653	603	SH	SOLE	1	603	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	3,299,172	50,231	SH	SOLE	1	50,231	0	0
BRP GROUP INC A	COM CL A	05589G102	722,926	28,756	SH	SOLE	1	28,756	0	0
BRT APARTMENTS CORP	COM	055645303	111,712	5,688	SH	SOLE	1	5,688	0	0
BRUKER CORP	COM	116794108	10,688,778	156,383	SH	SOLE	1	156,383	0	0
BRUNSWICK CORP	COM	117043109	8,144,031	112,986	SH	SOLE	1	112,986	0	0
BUCKLE INC/THE	COM	118440106	742,380	16,370	SH	SOLE	1	16,370	0	0
BUILD A BEAR WORKSHOP INC	COM	120076104	152,504	6,397	SH	SOLE	1	6,397	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	14,870,496	229,200	SH	SOLE	1	229,200	0	0
BUMBLE INC A	CL A	12047B105	859,072	40,811	SH	SOLE	1	40,811	0	0
BUNGE LTD	COM	G16962105	141,973	1,423	SH	SOLE	1	1,423	0	0
BURLINGTON STORES	COM	122017106	200,327	988	SH	SOLE	1	988	0	0

INC											
BUSINESS FIRST BANCSHARES	COM	12326C105	246,684	11,142	SH	SOLE	1	11,142	0	0	
BUTTERFLY NETWORK INC	CL A	124155102	154,668	62,873	SH	SOLE	1	62,873	0	0	
BWX TECHNOLOGIES INC	COM	05605H100	64,933	1,118	SH	SOLE	1	1,118	0	0	
BYLINE BANCORP INC	COM	124411109	267,118	11,629	SH	SOLE	1	11,629	0	0	
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	3,677,141	40,161	SH	SOLE	1	40,161	0	0	
C3.AI INC A	CL A	12468P104	310,019	27,705	SH	SOLE	1	27,705	0	0	
C4 THERAPEUTICS INC	COM	12529R107	117,392	19,897	SH	SOLE	1	19,897	0	0	
CABLE ONE INC	COM	12685J105	5,365,289	7,537	SH	SOLE	1	7,537	0	0	
CABOT CORP	COM	127055101	7,575,512	113,338	SH	SOLE	1	113,338	0	0	
CACI INTERNATIONAL INC CL A	CL A	127190304	10,999,189	36,592	SH	SOLE	1	36,592	0	0	
CACTUS INC A	COM	127203107	1,401,651	27,888	SH	SOLE	1	27,888	0	0	
CADENCE BANK	COM	12740C103	9,076,927	368,083	SH	SOLE	1	368,083	0	0	
CADENCE DESIGN SYS INC	COM	127387108	16,930,653	105,395	SH	SOLE	1	105,395	0	0	
CADRE HOLDINGS INC	COM	12763L105	181,542	9,014	SH	SOLE	1	9,014	0	0	
CAESARS ENTERTAINMENT INC	COM	12769G100	2,441,546	58,691	SH	SOLE	1	58,691	0	0	
CAESARSTONE LTD	COM	M20598104	61,131	10,706	SH	SOLE	1	10,706	0	0	
CAL MAINE FOODS INC	COM	128030202	1,122,269	20,611	SH	SOLE	1	20,611	0	0	
CALAVO GROWERS INC	COM	128246105	276,713	9,412	SH	SOLE	1	9,412	0	0	
CALERES INC	COM	129500104	428,712	19,242	SH	SOLE	1	19,242	0	0	
CALIFORNIA RESOURCES CORP	COM	13057Q305	1,524,242	35,032	SH	SOLE	1	35,032	0	0	
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,791,124	29,537	SH	SOLE	1	29,537	0	0	
CALIX INC	COM	13100M509	7,889,021	115,286	SH	SOLE	1	115,286	0	0	
CALLON PETROLEUM CO	COM	13123X508	997,202	26,886	SH	SOLE	1	26,886	0	0	
CAMBIUM NETWORKS CORP	COM	G17766109	117,755	5,434	SH	SOLE	1	5,434	0	0	
CAMBRIDGE BANCORP	COM	132152109	268,450	3,232	SH	SOLE	1	3,232	0	0	
CAMDEN NATIONAL CORP	COM	133034108	283,784	6,807	SH	SOLE	1	6,807	0	0	
CAMDEN PROPERTY TRUST	COM	133131102	3,227,738	28,850	SH	SOLE	1	28,850	0	0	
CAMPBELL SOUP CO	COM	134429109	3,444,271	60,692	SH	SOLE	1	60,692	0	0	
CAMPING WORLD HOLDINGS INC A	COM	13462K109	410,710	18,401	SH	SOLE	1	18,401	0	0	
CANNAE HOLDINGS INC	COM	13765N107	678,291	32,847	SH	SOLE	1	32,847	0	0	
CANO HEALTH INC	CL A	13781Y103	104,919	76,583	SH	SOLE	1	76,583	0	0	
CANOO INC	CL A	13803R102	97,661	79,399	SH	SOLE	1	79,399	0	0	
CANTALOUPE INC	COM	138103106	120,199	27,632	SH	SOLE	1	27,632	0	0	
CAPITAL BANCORP INC/MD	COM	139737100	100,139	4,254	SH	SOLE	1	4,254	0	0	
CAPITAL CITY BANK GROUP INC	COM	139674105	207,968	6,399	SH	SOLE	1	6,399	0	0	
CAPITAL ONE FINANCIAL CORP	COM	14040H105	9,239,852	99,396	SH	SOLE	1	99,396	0	0	
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	610,785	70,611	SH	SOLE	1	70,611	0	0	
CAPRI HOLDINGS LTD	COM	G1890L107	11,495,755	200,554	SH	SOLE	1	200,554	0	0	
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	169,925	9,622	SH	SOLE	1	9,622	0	0	
CARA THERAPEUTICS INC	COM	140755109	261,734	24,370	SH	SOLE	1	24,370	0	0	
CARDINAL HEALTH INC	COM	14149Y108	5,454,388	70,956	SH	SOLE	1	70,956	0	0	
CARDIOVASCULAR SYSTEMS INC	COM	141619106	303,004	22,247	SH	SOLE	1	22,247	0	0	

CARDLYTICS INC	COM	14161W105	87,318	15,107	SH	SOLE	1	15,107	0	0
CAREDX INC	COM	14167L103	274,821	24,086	SH	SOLE	1	24,086	0	0
CAREMAX INC	CL A	14171W103	100,926	27,651	SH	SOLE	1	27,651	0	0
CARETRUST REIT INC	COM	14174T107	975,877	52,523	SH	SOLE	1	52,523	0	0
CARGURUS INC	COM	141788109	676,431	48,282	SH	SOLE	1	48,282	0	0
CARIBOU BIOSCIENCES INC	COM	142038108	166,615	26,531	SH	SOLE	1	26,531	0	0
CARLISLE COS INC	COM	142339100	19,031,094	80,760	SH	SOLE	1	80,760	0	0
CARLYLE GROUP INC/THE	COM	14316J108	63,529	2,129	SH	SOLE	1	2,129	0	0
CARMAX INC	COM	143130102	2,609,928	42,863	SH	SOLE	1	42,863	0	0
CARNIVAL CORP	COM	143658300	2,182,745	270,812	SH	SOLE	1	270,812	0	0
CARPARTS.COM INC	COM	14427M107	150,397	24,025	SH	SOLE	1	24,025	0	0
CARPENTER TECHNOLOGY	COM	144285103	961,179	26,020	SH	SOLE	1	26,020	0	0
CARRIAGE SERVICES INC	COM	143905107	173,089	6,285	SH	SOLE	1	6,285	0	0
CARRIER GLOBAL CORP	COM	14448C104	9,337,598	226,366	SH	SOLE	1	226,366	0	0
CARS.COM INC	COM	14575E105	491,107	35,665	SH	SOLE	1	35,665	0	0
CARTER BANKSHARES INC	COM	146103106	187,036	11,274	SH	SOLE	1	11,274	0	0
CARTER S INC	COM	146229109	4,433,848	59,427	SH	SOLE	1	59,427	0	0
CARVANA CO	COM	146869102	7,570	1,597	SH	SOLE	1	1,597	0	0
CASA SYSTEMS INC	COM	14713L102	45,676	16,731	SH	SOLE	1	16,731	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	1,873,382	23,621	SH	SOLE	1	23,621	0	0
CASEY S GENERAL STORES INC	COM	147528103	13,016,787	58,020	SH	SOLE	1	58,020	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	291,415	6,360	SH	SOLE	1	6,360	0	0
CASSAVA SCIENCES INC	COM	14817C107	532,961	18,042	SH	SOLE	1	18,042	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	273,229	11,607	SH	SOLE	1	11,607	0	0
CATALENT INC	COM	148806102	2,711,357	60,239	SH	SOLE	1	60,239	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	979,085	52,639	SH	SOLE	1	52,639	0	0
CATERPILLAR INC	COM	149123101	36,707,539	153,229	SH	SOLE	1	153,229	0	0
CATHAY GENERAL BANCORP	COM	149150104	6,085,746	149,197	SH	SOLE	1	149,197	0	0
CATO CORP CLASS A	COM	149205106	79,995	8,574	SH	SOLE	1	8,574	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,085,774	4,799	SH	SOLE	1	4,799	0	0
CBIZ INC	COM	124805102	1,061,668	22,661	SH	SOLE	1	22,661	0	0
CBL ASSOCIATES PROPERTIES	COM	124830878	290,716	12,596	SH	SOLE	1	12,596	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	4,222,944	33,657	SH	SOLE	1	33,657	0	0
CBRE GROUP INC A	COM	12504L109	9,825,406	127,669	SH	SOLE	1	127,669	0	0
CCC INTELLIGENT SOLUTIONS HO	COM	12510Q100	18,192	2,091	SH	SOLE	1	2,091	0	0
CDW CORP/DE	COM	12514G108	6,693,536	37,482	SH	SOLE	1	37,482	0	0
CELANESE CORP	COM	150870103	2,769,682	27,090	SH	SOLE	1	27,090	0	0
CELLDEX THERAPEUTICS INC	COM	15117B202	966,144	21,677	SH	SOLE	1	21,677	0	0
CELSIUS HOLDINGS INC	COM	15118V207	9,237,087	88,784	SH	SOLE	1	88,784	0	0
CELULARITY INC	CL A	151190105	38,737	30,029	SH	SOLE	1	30,029	0	0
CENNTRO ELECTRIC GROUP LTD	LMT ORD SHS	Q6519V120	38,312	87,072	SH	SOLE	1	87,072	0	0
CENTENE CORP	COM	15135B101	14,299,346	174,361	SH	SOLE	1	174,361	0	0
CENTERPOINT ENERGY INC	COM	15189T107	6,530,772	217,765	SH	SOLE	1	217,765	0	0
CENTERSPACE	COM	15202L107	480,331	8,187	SH	SOLE	1	8,187	0	0
CENTRAL GARDEN PET CO	COM	153527106	200,283	5,348	SH	SOLE	1	5,348	0	0

CENTRAL GARDEN AND PET CO A	COM	153527205	783,948	21,898	SH	SOLE	1	21,898	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	295,135	14,553	SH	SOLE	1	14,553	0	0
CENTRUS ENERGY CORP CLASS A	CL A	15643U104	163,602	5,037	SH	SOLE	1	5,037	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	230,504	28,179	SH	SOLE	1	28,179	0	0
CENTURY CASINOS INC	COM	156492100	90,645	12,894	SH	SOLE	1	12,894	0	0
CENTURY COMMUNITIES INC	COM	156504300	767,503	15,347	SH	SOLE	1	15,347	0	0
CENTURY THERAPEUTICS INC	COM	15673T100	48,868	9,526	SH	SOLE	1	9,526	0	0
CEPTON INC	COM	15673X101	28,367	22,336	SH	SOLE	1	22,336	0	0
CERBERUS CYBER SENTINEL CORP	COM	15672X102	55,853	21,903	SH	SOLE	1	21,903	0	0
CERENCE INC	COM	156727109	395,893	21,365	SH	SOLE	1	21,365	0	0
CEREVEL THERAPEUTICS HOLDING	COM	15678U128	854,702	27,099	SH	SOLE	1	27,099	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	2,664,406	41,534	SH	SOLE	1	41,534	0	0
CERTARA INC	COM	15687V109	25,278	1,573	SH	SOLE	1	1,573	0	0
CERUS CORP	COM	157085101	297,964	81,634	SH	SOLE	1	81,634	0	0
CEVA INC	COM	157210105	318,292	12,443	SH	SOLE	1	12,443	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	5,251,302	61,635	SH	SOLE	1	61,635	0	0
CHAMPIONX CORP	COM	15872M104	11,688,478	403,190	SH	SOLE	1	403,190	0	0
CHARGE ENTERPRISES INC	COM	159610104	76,302	61,534	SH	SOLE	1	61,534	0	0
CHARGEPOINT HOLDINGS INC	CL A	15961R105	36,938	3,876	SH	SOLE	1	3,876	0	0
CHARLES RIVER LABORATORIES	COM	159864107	3,051,472	14,004	SH	SOLE	1	14,004	0	0
CHART INDUSTRIES INC	COM	16115Q308	8,721,874	75,691	SH	SOLE	1	75,691	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	13,476,851	39,743	SH	SOLE	1	39,743	0	0
CHASE CORP	COM	16150R104	308,034	3,571	SH	SOLE	1	3,571	0	0
CHATHAM LODGING TRUST	COM	16208T102	320,456	26,117	SH	SOLE	1	26,117	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	2,540,736	20,139	SH	SOLE	1	20,139	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	834,005	26,301	SH	SOLE	1	26,301	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	616,745	18,532	SH	SOLE	1	18,532	0	0
CHEGG INC	COM	163092109	1,487,064	58,847	SH	SOLE	1	58,847	0	0
CHEMED CORP	COM	16359R103	11,833,299	23,183	SH	SOLE	1	23,183	0	0
CHEMOURS CO/THE	COM	163851108	7,210,704	235,490	SH	SOLE	1	235,490	0	0
CHENIERE ENERGY INC	COM	16411R208	491,869	3,280	SH	SOLE	1	3,280	0	0
CHESAPEAKE ENERGY CORP	COM	165167735	117,585	1,246	SH	SOLE	1	1,246	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	1,121,174	9,487	SH	SOLE	1	9,487	0	0
CHEVRON CORP	COM	166764100	93,793,397	522,555	SH	SOLE	1	522,555	0	0
CHICAGO ATLANTIC REAL ESTATE	COM	167239102	38,805	2,575	SH	SOLE	1	2,575	0	0
CHICO S FAS INC	COM	168615102	328,366	66,741	SH	SOLE	1	66,741	0	0
CHILDREN S PLACE INC/THE	COM	168905107	251,662	6,910	SH	SOLE	1	6,910	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	605,061	110,011	SH	SOLE	1	110,011	0	0
CHIMERIX INC	COM	16934W106	74,080	39,828	SH	SOLE	1	39,828	0	0
CHINOOK THERAPEUTICS INC	COM	16961L106	628,276	23,980	SH	SOLE	1	23,980	0	0

CHIPOTLE MEXICAN GRILL INC	COM	169656105	10,678,123	7,696	SH	SOLE	1	7,696	0	0
CHOICE HOTELS INTL INC	COM	169905106	4,885,535	43,373	SH	SOLE	1	43,373	0	0
CHORD ENERGY CORP	COM	674215207	2,689,137	19,656	SH	SOLE	1	19,656	0	0
CHUBB LTD	COM	H1467J104	31,472,120	142,666	SH	SOLE	1	142,666	0	0
CHURCH DWIGHT CO INC	COM	171340102	5,955,709	73,883	SH	SOLE	1	73,883	0	0
CHURCHILL DOWNS INC	COM	171484108	10,882,302	51,470	SH	SOLE	1	51,470	0	0
CHUY S HOLDINGS INC	COM	171604101	275,755	9,744	SH	SOLE	1	9,744	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	17,321	2,325	SH	SOLE	1	2,325	0	0
CIENA CORP	COM	171779309	11,761,800	230,714	SH	SOLE	1	230,714	0	0
CIGNA CORP	COM	125523100	26,470,090	79,888	SH	SOLE	1	79,888	0	0
CIMPRESS PLC	SHS EURO	G2143T103	230,378	8,344	SH	SOLE	1	8,344	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	4,352,394	42,508	SH	SOLE	1	42,508	0	0
CINCOR PHARMA INC	COM	17240Y109	144,395	11,749	SH	SOLE	1	11,749	0	0
CINEMARK HOLDINGS INC	COM	17243V102	511,893	59,110	SH	SOLE	1	59,110	0	0
CINTAS CORP	COM	172908105	15,108,495	33,454	SH	SOLE	1	33,454	0	0
CIPHER MINING INC	COM	17253J106	10,350	18,482	SH	SOLE	1	18,482	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	243,817	10,176	SH	SOLE	1	10,176	0	0
CIRRUS LOGIC INC	COM	172755100	6,386,734	85,751	SH	SOLE	1	85,751	0	0
CISCO SYSTEMS INC	COM	17275R102	68,787,920	1,443,911	SH	SOLE	1	1,443,911	0	0
CITI TRENDS INC	COM	17306X102	101,498	3,833	SH	SOLE	1	3,833	0	0
CITIGROUP INC	COM	172967424	22,812,429	504,365	SH	SOLE	1	504,365	0	0
CITIZENS NORTHERN CORP	COM	172922106	163,129	7,136	SH	SOLE	1	7,136	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	5,246,801	133,269	SH	SOLE	1	133,269	0	0
CITY HOLDING CO	COM	177835105	745,651	8,010	SH	SOLE	1	8,010	0	0
CITY OFFICE REIT INC	COM	178587101	154,343	18,418	SH	SOLE	1	18,418	0	0
CIVISTA BANCSHARES INC	COM	178867107	160,079	7,273	SH	SOLE	1	7,273	0	0
CIVITAS RESOURCES INC	COM	17888H103	2,233,028	38,547	SH	SOLE	1	38,547	0	0
CLARIVATE PLC	ORD SHS	G21810109	40,491	4,855	SH	SOLE	1	4,855	0	0
CLAROS MORTGAGE TRUST INC	COM	18270D106	640,150	43,518	SH	SOLE	1	43,518	0	0
CLARUS CORP	COM	18270P109	106,992	13,647	SH	SOLE	1	13,647	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	417,019	80,196	SH	SOLE	1	80,196	0	0
CLEAN HARBORS INC	COM	184496107	8,938,905	78,329	SH	SOLE	1	78,329	0	0
CLEANSPARK INC	COM	18452B209	44,035	21,586	SH	SOLE	1	21,586	0	0
CLEAR CHANNEL OUTDOOR HOLDIN	COM	18453H106	183,190	174,467	SH	SOLE	1	174,467	0	0
CLEAR SECURE INC CLASS A	CL A	18467V109	807,347	29,433	SH	SOLE	1	29,433	0	0
CLEARFIELD INC	COM	18482P103	590,729	6,275	SH	SOLE	1	6,275	0	0
CLEARWATER PAPER CORP	COM	18538R103	343,655	9,089	SH	SOLE	1	9,089	0	0
CLEARWAY ENERGY INC A	COM	18539C105	492,932	16,475	SH	SOLE	1	16,475	0	0
CLEARWAY ENERGY INC C	COM	18539C204	1,236,779	38,807	SH	SOLE	1	38,807	0	0
CLEVELAND CLIFFS INC	COM	185899101	12,928,420	802,509	SH	SOLE	1	802,509	0	0
CLIPPER REALTY INC	COM	18885T306	36,237	5,662	SH	SOLE	1	5,662	0	0
CLOROX COMPANY	COM	189054109	4,993,222	35,582	SH	SOLE	1	35,582	0	0
CLOUDFLARE INC CLASS A	COM	18915M107	195,805	4,331	SH	SOLE	1	4,331	0	0
CLOVER HEALTH INVESTMENTS CO	CL A	18914F103	169,855	182,738	SH	SOLE	1	182,738	0	0

CME GROUP INC	COM	12572Q105	19,158,973	113,933	SH	SOLE	1	113,933	0	0
CMS ENERGY CORP	COM	125896100	4,975,205	78,560	SH	SOLE	1	78,560	0	0
CNA FINANCIAL CORP	COM	126117100	11,881	281	SH	SOLE	1	281	0	0
CNB FINANCIAL CORP/PA	COM	126128107	227,076	9,545	SH	SOLE	1	9,545	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	5,271,564	230,703	SH	SOLE	1	230,703	0	0
CNX RESOURCES CORP	COM	12653C108	6,123,226	363,612	SH	SOLE	1	363,612	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	234,416	4,933	SH	SOLE	1	4,933	0	0
COCA COLA CO/THE	COM	191216100	76,659,973	1,205,156	SH	SOLE	1	1,205,156	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	4,787,492	9,344	SH	SOLE	1	9,344	0	0
COCA COLA EUROPACIFIC PARTNE	COM	G25839104	2,973,561	53,752	SH	SOLE	1	53,752	0	0
CODEXIS INC	COM	192005106	134,940	28,957	SH	SOLE	1	28,957	0	0
COEUR MINING INC	COM	192108504	442,838	131,797	SH	SOLE	1	131,797	0	0
COGENT BIOSCIENCES INC	COM	19240Q201	350,060	30,282	SH	SOLE	1	30,282	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,333,389	23,360	SH	SOLE	1	23,360	0	0
COGNEX CORP	COM	192422103	12,726,767	270,150	SH	SOLE	1	270,150	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	10,750,233	187,974	SH	SOLE	1	187,974	0	0
COHEN STEERS INC	COM	19247A100	775,818	12,017	SH	SOLE	1	12,017	0	0
COHERENT CORP	COM	19247G107	7,577,704	215,889	SH	SOLE	1	215,889	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	311,969	39,390	SH	SOLE	1	39,390	0	0
COHU INC	COM	192576106	820,897	25,613	SH	SOLE	1	25,613	0	0
COINBASE GLOBAL INC CLASS A	CL A	19260Q107	58,110	1,642	SH	SOLE	1	1,642	0	0
COLGATE PALMOLIVE CO	COM	194162103	22,885,974	290,468	SH	SOLE	1	290,468	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	423,818	18,268	SH	SOLE	1	18,268	0	0
COLONY BANKCORP	COM	19623P101	98,259	7,743	SH	SOLE	1	7,743	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	1,290,016	42,815	SH	SOLE	1	42,815	0	0
COLUMBIA FINANCIAL INC	COM	197641103	348,233	16,107	SH	SOLE	1	16,107	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	4,829,774	55,147	SH	SOLE	1	55,147	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	430,357	13,254	SH	SOLE	1	13,254	0	0
COMCAST CORP CLASS A	COM	20030N101	53,223,466	1,521,975	SH	SOLE	1	1,521,975	0	0
COMERICA INC	COM	200340107	2,369,498	35,445	SH	SOLE	1	35,445	0	0
COMFORT SYSTEMS USA INC	COM	199908104	2,219,778	19,289	SH	SOLE	1	19,289	0	0
COMMERCE BANCSHARES INC	COM	200525103	12,089,913	177,610	SH	SOLE	1	177,610	0	0
COMMERCIAL METALS CO	COM	201723103	11,439,614	236,845	SH	SOLE	1	236,845	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	713,163	97,029	SH	SOLE	1	97,029	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	1,828,509	29,047	SH	SOLE	1	29,047	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	293,695	67,985	SH	SOLE	1	67,985	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	460,925	12,875	SH	SOLE	1	12,875	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	340,755	7,419	SH	SOLE	1	7,419	0	0
COMMVAULT SYSTEMS INC	COM	204166102	5,653,086	89,960	SH	SOLE	1	89,960	0	0

COMPASS DIVERSIFIED HOLDINGS	SH BEN INT	20451Q104	534,048	29,295	SH	SOLE	1	29,295	0	0
COMPASS INC CLASS A	CL A	20464U100	301,031	129,198	SH	SOLE	1	129,198	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	763,502	18,622	SH	SOLE	1	18,622	0	0
COMPOSECURE INC	CL A	20459V105	18,972	3,864	SH	SOLE	1	3,864	0	0
COMPUTER PROGRAMS SYSTEMS	COM	205306103	207,797	7,634	SH	SOLE	1	7,634	0	0
COMPX INTERNATIONAL INC	COM	20563P101	13,915	753	SH	SOLE	1	753	0	0
COMSTOCK RESOURCES INC	COM	205768302	594,589	43,369	SH	SOLE	1	43,369	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	172,267	14,190	SH	SOLE	1	14,190	0	0
CONAGRA BRANDS INC	COM	205887102	5,017,145	129,642	SH	SOLE	1	129,642	0	0
CONCENTRIX CORP	COM	20602D101	8,786,829	65,987	SH	SOLE	1	65,987	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	72,651	12,419	SH	SOLE	1	12,419	0	0
CONDUENT INC	COM	206787103	325,268	80,313	SH	SOLE	1	80,313	0	0
CONFLUENT INC CLASS A	CL A	20717M103	42,300	1,902	SH	SOLE	1	1,902	0	0
CONMED CORP	COM	207410101	1,411,149	15,920	SH	SOLE	1	15,920	0	0
CONN S INC	COM	208242107	42,470	6,173	SH	SOLE	1	6,173	0	0
CONNECTONE BANCORP INC	COM	20786W107	425,128	17,560	SH	SOLE	1	17,560	0	0
CONOCOPHILLIPS	COM	20825C104	38,556,500	326,750	SH	SOLE	1	326,750	0	0
CONSENSUS CLOUD SOLUTION	COM	20848V105	544,858	10,135	SH	SOLE	1	10,135	0	0
CONSOL ENERGY INC	COM	20854L108	1,205,620	18,548	SH	SOLE	1	18,548	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	144,439	40,346	SH	SOLE	1	40,346	0	0
CONSOLIDATED EDISON INC	COM	209115104	12,382,008	129,913	SH	SOLE	1	129,913	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	9,834,543	42,436	SH	SOLE	1	42,436	0	0
CONSTELLATION ENERGY	COM	21037T109	9,146,278	106,093	SH	SOLE	1	106,093	0	0
CONSTELLIUM SE	CL A	F21107101	707,469	59,803	SH	SOLE	1	59,803	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	503,640	18,870	SH	SOLE	1	18,870	0	0
CONSUMER PORTFOLIO SERVICES	COM	210502100	39,914	4,510	SH	SOLE	1	4,510	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	66,227	15,366	SH	SOLE	1	15,366	0	0
CONTEXTLOGIC INC A	CL A	21077C107	133,493	273,720	SH	SOLE	1	273,720	0	0
COOPER COS INC/THE	COM	216648402	4,414,114	13,349	SH	SOLE	1	13,349	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	24,535	295	SH	SOLE	1	295	0	0
COPART INC	COM	217204106	9,122,418	149,818	SH	SOLE	1	149,818	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	967,122	47,618	SH	SOLE	1	47,618	0	0
CORE MAIN INC CLASS A	CL A	21874C102	16,510	855	SH	SOLE	1	855	0	0
CORE LABORATORIES N.V.	COM	N22717107	66,222	3,267	SH	SOLE	1	3,267	0	0
COREBRIDGE FINANCIAL INC	COM	21871X109	16,550	825	SH	SOLE	1	825	0	0
CORECIVIC INC	COM	21871N101	717,934	62,105	SH	SOLE	1	62,105	0	0
CORNING INC	COM	219350105	7,162,258	224,241	SH	SOLE	1	224,241	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	5,894,554	227,238	SH	SOLE	1	227,238	0	0
CORSAIR GAMING INC	COM	22041X102	282,663	20,830	SH	SOLE	1	20,830	0	0
CORTEVA INC	COM	22052L104	11,421,836	194,315	SH	SOLE	1	194,315	0	0
CORVEL CORP	COM	221006109	702,961	4,837	SH	SOLE	1	4,837	0	0
COSTAMARE INC	COM	Y1771G102	231,916	24,991	SH	SOLE	1	24,991	0	0

COSTAR GROUP INC	COM	22160N109	11,526,389	149,151	SH	SOLE	1	149,151	0	0
COSTCO WHOLESALE CORP	COM	22160K105	63,716,444	139,576	SH	SOLE	1	139,576	0	0
COTERRA ENERGY INC	COM	127097103	5,702,156	232,078	SH	SOLE	1	232,078	0	0
COTY INC CL A	CL A	222070203	4,872,138	569,175	SH	SOLE	1	569,175	0	0
COUCHBASE INC	COM	22207T101	177,459	13,383	SH	SOLE	1	13,383	0	0
COUPA SOFTWARE INC	COM	22266L106	77,982	985	SH	SOLE	1	985	0	0
COURSERA INC	COM	22266M104	638,607	53,982	SH	SOLE	1	53,982	0	0
COUSINS PROPERTIES INC	COM	222795502	5,964,520	235,845	SH	SOLE	1	235,845	0	0
COVENANT LOGISTICS GROUP INC	CL A	22284P105	152,177	4,402	SH	SOLE	1	4,402	0	0
COWEN INC A	COM	223622606	489,084	12,664	SH	SOLE	1	12,664	0	0
CRA INTERNATIONAL INC	COM	12618T105	402,183	3,285	SH	SOLE	1	3,285	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	4,241,415	44,769	SH	SOLE	1	44,769	0	0
CRANE HOLDINGS CO	COM	224441105	7,465,243	74,318	SH	SOLE	1	74,318	0	0
CRAWFORD COMPANY CL A	CL A	224633206	40,666	7,314	SH	SOLE	1	7,314	0	0
CREDICORP LTD	COM	G2519Y108	123,044	907	SH	SOLE	1	907	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	34,157	72	SH	SOLE	1	72	0	0
CREDO TECHNOLOGY GROUP HOLDI	ORD SHS	G25457105	607,016	45,606	SH	SOLE	1	45,606	0	0
CRESCENT ENERGY INC A	CL A	44952J104	222,151	18,528	SH	SOLE	1	18,528	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	455,542	24,893	SH	SOLE	1	24,893	0	0
CROCS INC	COM	227046109	13,470,801	124,235	SH	SOLE	1	124,235	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	515,325	19,395	SH	SOLE	1	19,395	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	261,988	21,111	SH	SOLE	1	21,111	0	0
CROWDSTRIKE HOLDINGS INC A	CL A	22788C105	1,574,296	14,952	SH	SOLE	1	14,952	0	0
CROWN CASTLE INC	COM	22822V101	17,081,281	125,931	SH	SOLE	1	125,931	0	0
CROWN HOLDINGS INC	COM	228368106	139,264	1,694	SH	SOLE	1	1,694	0	0
CRYOPORT INC	COM	229050307	362,736	20,907	SH	SOLE	1	20,907	0	0
CRYPTYDE INC	COM	22890A104	1,797	9,375	SH	SOLE	1	9,375	0	0
CS DISCO INC	COM	126327105	67,403	10,665	SH	SOLE	1	10,665	0	0
CSG SYSTEMS INTL INC	COM	126349109	963,534	16,845	SH	SOLE	1	16,845	0	0
CSW INDUSTRIALS INC	COM	126402106	801,772	6,916	SH	SOLE	1	6,916	0	0
CSX CORP	COM	126408103	20,518,085	662,301	SH	SOLE	1	662,301	0	0
CTI BIOPHARMA CORP	COM	12648L601	284,664	47,365	SH	SOLE	1	47,365	0	0
CTO REALTY GROWTH INC	COM	22948Q101	156,806	8,578	SH	SOLE	1	8,578	0	0
CTS CORP	COM	126501105	679,837	17,246	SH	SOLE	1	17,246	0	0
CUBESMART	COM	229663109	14,077,518	349,752	SH	SOLE	1	349,752	0	0
CUE HEALTH INC	COM	229790100	106,613	51,504	SH	SOLE	1	51,504	0	0
CULLEN/FROST BANKERS INC	COM	229899109	13,380,830	100,081	SH	SOLE	1	100,081	0	0
CULLINAN ONCOLOGY INC	COM	230031106	151,561	14,366	SH	SOLE	1	14,366	0	0
CUMMINS INC	COM	231021106	10,656,883	43,984	SH	SOLE	1	43,984	0	0
CUMULUS MEDIA INC CL A	CL A	231082801	51,208	8,246	SH	SOLE	1	8,246	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	36,899	10,394	SH	SOLE	1	10,394	0	0
CURTISS WRIGHT CORP	COM	231561101	9,963,124	59,663	SH	SOLE	1	59,663	0	0
CUSHMAN WAKEFIELD PLC	COM	G2717B108	1,079,809	86,662	SH	SOLE	1	86,662	0	0
CUSTOM TRUCK ONE SOURCE INC	CL A	23204X103	178,388	28,226	SH	SOLE	1	28,226	0	0

CUSTOMERS BANCORP INC	COM	23204G100	470,274	16,594	SH	SOLE	1	16,594	0	0
CUTERA INC	COM	232109108	402,756	9,108	SH	SOLE	1	9,108	0	0
CVB FINANCIAL CORP	COM	126600105	1,862,755	72,340	SH	SOLE	1	72,340	0	0
CVENT HOLDING CORP	COM	126677103	115,625	21,412	SH	SOLE	1	21,412	0	0
CVR ENERGY INC	COM	12662P108	438,447	13,990	SH	SOLE	1	13,990	0	0
CVS HEALTH CORP	COM	126650100	31,886,170	342,163	SH	SOLE	1	342,163	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	907,550	7,000	SH	SOLE	1	7,000	0	0
CYTEK BIOSCIENCES INC	COM	23285D109	551,483	54,014	SH	SOLE	1	54,014	0	0
CYTOKINETICS INC	COM	23282W605	2,085,039	45,505	SH	SOLE	1	45,505	0	0
CYXTERA TECHNOLOGIES INC	CL A	23284C102	33,510	17,453	SH	SOLE	1	17,453	0	0
DAILY JOURNAL CORP	COM	233912104	143,292	572	SH	SOLE	1	572	0	0
DAKOTA GOLD CORP	COM	46655E100	75,366	24,710	SH	SOLE	1	24,710	0	0
DANA INC	COM	235825205	3,910,636	258,469	SH	SOLE	1	258,469	0	0
DANAHER CORP	COM	235851102	53,086,389	200,009	SH	SOLE	1	200,009	0	0
DANIMER SCIENTIFIC INC	CL A	236272100	76,730	42,866	SH	SOLE	1	42,866	0	0
DAQO NEW ENERGY CORP ADR	SPNSRD ADS	23703Q203	28,958	750	SH	SOLE	1	750	0	0
DARDEN RESTAURANTS INC	COM	237194105	5,009,759	36,216	SH	SOLE	1	36,216	0	0
DARLING INGREDIENTS INC	COM	237266101	15,626,532	249,665	SH	SOLE	1	249,665	0	0
DASEKE INC	COM	23753F107	108,468	19,063	SH	SOLE	1	19,063	0	0
DATADOG INC CLASS A	COM	23804L103	1,452,434	19,761	SH	SOLE	1	19,761	0	0
DAVE BUSTER S ENTERTAINMEN	COM	238337109	824,795	23,273	SH	SOLE	1	23,273	0	0
DAVITA INC	COM	23918K108	1,132,296	15,164	SH	SOLE	1	15,164	0	0
DAY ONE BIOPHARMACEUTICALS I	COM	23954D109	281,847	13,097	SH	SOLE	1	13,097	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	356,433	21,747	SH	SOLE	1	21,747	0	0
DECKERS OUTDOOR CORP	COM	243537107	16,500,077	41,337	SH	SOLE	1	41,337	0	0
DEERE CO	COM	244199105	34,816,598	81,203	SH	SOLE	1	81,203	0	0
DEFINITIVE HEALTHCARE CORP	CL A	24477E103	4,825	439	SH	SOLE	1	439	0	0
DELEK US HOLDINGS INC	COM	24665A103	886,950	32,850	SH	SOLE	1	32,850	0	0
DELL TECHNOLOGIES C	CL C	24703L202	112,334	2,793	SH	SOLE	1	2,793	0	0
DELTA AIR LINES INC	COM	247361702	9,014,320	274,325	SH	SOLE	1	274,325	0	0
DELUXE CORP	COM	248019101	399,285	23,515	SH	SOLE	1	23,515	0	0
DENALI THERAPEUTICS INC	COM	24823R105	1,431,770	51,484	SH	SOLE	1	51,484	0	0
DENBURY INC	COM	24790A101	2,063,331	23,711	SH	SOLE	1	23,711	0	0
DENNY S CORP	COM	24869P104	242,656	26,347	SH	SOLE	1	26,347	0	0
DENTSPLY SIRONA INC	COM	24906P109	1,852,069	58,168	SH	SOLE	1	58,168	0	0
DESIGN THERAPEUTICS INC	COM	25056L103	164,437	16,027	SH	SOLE	1	16,027	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	269,155	27,521	SH	SOLE	1	27,521	0	0
DESKTOP METAL INC A	CL A	25058X105	172,467	126,814	SH	SOLE	1	126,814	0	0
DESTINATION XL GROUP INC	COM	25065K104	183,276	27,152	SH	SOLE	1	27,152	0	0
DEVON ENERGY CORP	COM	25179M103	13,074,504	212,559	SH	SOLE	1	212,559	0	0
DEXCOM INC	COM	252131107	15,688,270	138,540	SH	SOLE	1	138,540	0	0
DHI GROUP INC	COM	23331S100	104,472	19,749	SH	SOLE	1	19,749	0	0
DHT HOLDINGS INC	COM	Y2065G121	575,380	64,795	SH	SOLE	1	64,795	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	251,442	1,359	SH	SOLE	1	1,359	0	0

DIAMOND OFFSHORE DRILLING IN	COM	25271C201	497,848	47,870	SH	SOLE	1	47,870	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	8,579,252	62,723	SH	SOLE	1	62,723	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	933,562	113,988	SH	SOLE	1	113,988	0	0
DICE THERAPEUTICS INC	COM	23345J104	522,350	16,742	SH	SOLE	1	16,742	0	0
DICK S SPORTING GOODS INC	COM	253393102	10,413,986	86,574	SH	SOLE	1	86,574	0	0
DIEBOLD NIXDORF INC	COM	253651103	49,081	34,564	SH	SOLE	1	34,564	0	0
DIGI INTERNATIONAL INC	COM	253798102	681,767	18,653	SH	SOLE	1	18,653	0	0
DIGIMARC CORP	COM	25381B101	119,575	6,467	SH	SOLE	1	6,467	0	0
DIGITAL REALTY TRUST INC	COM	253868103	7,588,935	75,685	SH	SOLE	1	75,685	0	0
DIGITAL TURBINE INC	COM	25400W102	773,735	50,770	SH	SOLE	1	50,770	0	0
DIGITALBRIDGE GROUP INC	CL A	25401T603	817,535	74,729	SH	SOLE	1	74,729	0	0
DIGITALOCEAN HOLDINGS INC	COM	25402D102	840,408	32,996	SH	SOLE	1	32,996	0	0
DILLARDS INC CL A	CL A	254067101	608,262	1,882	SH	SOLE	1	1,882	0	0
DIME COMMUNITY BANCSHARES IN	COM	25432X102	563,900	17,716	SH	SOLE	1	17,716	0	0
DINE BRANDS GLOBAL INC	COM	254423106	523,066	8,097	SH	SOLE	1	8,097	0	0
DIODES INC	COM	254543101	1,847,537	24,265	SH	SOLE	1	24,265	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	7,263,486	74,246	SH	SOLE	1	74,246	0	0
DISH NETWORK CORP A	COM	25470M109	955,155	68,031	SH	SOLE	1	68,031	0	0
DISTRIBUTION SOLUTIONS GROUP	COM	520776105	87,174	2,365	SH	SOLE	1	2,365	0	0
DIVERSEY HOLDINGS LTD	ORD SHS	G28923103	157,488	36,969	SH	SOLE	1	36,969	0	0
DIVERSIFIED HEALTHCARE TRUST	COM SH BEN INT	25525P107	72,781	112,524	SH	SOLE	1	112,524	0	0
DMC GLOBAL INC	COM	23291C103	198,074	10,189	SH	SOLE	1	10,189	0	0
DOCGO INC	COM	256086109	275,963	39,033	SH	SOLE	1	39,033	0	0
DOCUSIGN INC	COM	256163106	167,646	3,025	SH	SOLE	1	3,025	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	44,299	628	SH	SOLE	1	628	0	0
DOLLAR GENERAL CORP	COM	256677105	17,108,958	69,478	SH	SOLE	1	69,478	0	0
DOLLAR TREE INC	COM	256746108	10,940,384	77,350	SH	SOLE	1	77,350	0	0
DOMA HOLDINGS INC	COM	25703A104	29,755	65,698	SH	SOLE	1	65,698	0	0
DOMINION ENERGY INC	COM	25746U109	13,305,643	216,987	SH	SOLE	1	216,987	0	0
DOMINO S PIZZA INC	COM	25754A201	3,664,566	10,579	SH	SOLE	1	10,579	0	0
DOMO INC CLASS B	COM	257554105	208,345	14,631	SH	SOLE	1	14,631	0	0
DONALDSON CO INC	COM	257651109	11,234,633	190,838	SH	SOLE	1	190,838	0	0
DONEGAL GROUP INC CL A	CL A	257701201	104,526	7,361	SH	SOLE	1	7,361	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	531,553	13,753	SH	SOLE	1	13,753	0	0
DOORDASH INC A	CL A	25809K105	179,804	3,683	SH	SOLE	1	3,683	0	0
DORIAN LPG LTD	COM	Y2106R110	317,886	16,775	SH	SOLE	1	16,775	0	0
DORMAN PRODUCTS INC	COM	258278100	1,169,299	14,459	SH	SOLE	1	14,459	0	0
DOUBLEVERIFY HOLDINGS INC	COM	25862V105	23,607	1,075	SH	SOLE	1	1,075	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	384,634	10,637	SH	SOLE	1	10,637	0	0
DOUGLAS ELLIMAN INC	COM	25961D105	164,872	40,509	SH	SOLE	1	40,509	0	0
DOUGLAS EMMETT INC	COM	25960P109	4,291,788	273,711	SH	SOLE	1	273,711	0	0
DOVER CORP	COM	260003108	5,144,226	37,990	SH	SOLE	1	37,990	0	0
DOW INC	COM	260557103	9,234,572	183,262	SH	SOLE	1	183,262	0	0

DOXIMITY INC CLASS A	CL A	26622P107	47,387	1,412	SH	SOLE	1	1,412	0	0
DR HORTON INC	COM	23331A109	7,654,184	85,867	SH	SOLE	1	85,867	0	0
DRAFTKINGS INC CL A	CL A	26142V105	61,722	5,419	SH	SOLE	1	5,419	0	0
DREAM FINDERS HOMES INC A	CL A	26154D100	85,838	9,912	SH	SOLE	1	9,912	0	0
DRIL QUIP INC	COM	262037104	495,662	18,243	SH	SOLE	1	18,243	0	0
DRIVEN BRANDS HOLDINGS INC	COM	26210V102	17,970	658	SH	SOLE	1	658	0	0
DROPBOX INC CLASS A	COM	26210C104	89,900	4,017	SH	SOLE	1	4,017	0	0
DTE ENERGY COMPANY	COM	233331107	6,162,921	52,437	SH	SOLE	1	52,437	0	0
DTE MIDSTREAM LLC W/I	COM	23345M107	8,326,908	150,686	SH	SOLE	1	150,686	0	0
DUCK CREEK TECHNOLOGIES INC	SHS	264120106	440,271	36,537	SH	SOLE	1	36,537	0	0
DUCKHORN PORTFOLIO INC/THE	COM	26414D106	329,113	19,862	SH	SOLE	1	19,862	0	0
DUCOMMUN INC	COM	264147109	261,541	5,235	SH	SOLE	1	5,235	0	0
DUKE ENERGY CORP	COM	26441C204	20,652,276	200,527	SH	SOLE	1	200,527	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	38,557	6,239	SH	SOLE	1	6,239	0	0
DUN BRADSTREET HOLDINGS IN	COM	26484T106	31,704	2,586	SH	SOLE	1	2,586	0	0
DUOLINGO	CL A	26603R106	792,175	11,137	SH	SOLE	1	11,137	0	0
DUPONT DE NEMOURS INC	COM	26614N102	9,232,451	134,525	SH	SOLE	1	134,525	0	0
DXC TECHNOLOGY CO	COM	23355L106	1,650,314	62,276	SH	SOLE	1	62,276	0	0
DXP ENTERPRISES INC	COM	233377407	229,051	8,314	SH	SOLE	1	8,314	0	0
DYCOM INDUSTRIES INC	COM	267475101	5,544,677	59,238	SH	SOLE	1	59,238	0	0
DYNATRACE INC	COM	268150109	12,056,572	314,793	SH	SOLE	1	314,793	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	690,589	64,905	SH	SOLE	1	64,905	0	0
DYNE THERAPEUTICS INC	COM	26818M108	173,665	14,984	SH	SOLE	1	14,984	0	0
DYNEX CAPITAL INC	COM	26817Q886	274,307	21,565	SH	SOLE	1	21,565	0	0
DZS INC	COM	268211109	105,637	8,331	SH	SOLE	1	8,331	0	0
E2OPEN PARENT HOLDINGS INC	CL A	29788T103	553,230	94,247	SH	SOLE	1	94,247	0	0
EAGLE BANCORP INC	COM	268948106	760,119	17,248	SH	SOLE	1	17,248	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A150	317,069	6,349	SH	SOLE	1	6,349	0	0
EAGLE MATERIALS INC	COM	26969P108	7,643,259	57,533	SH	SOLE	1	57,533	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	162,899	5,573	SH	SOLE	1	5,573	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	293,778	20,645	SH	SOLE	1	20,645	0	0
EAST WEST BANCORP INC	COM	27579R104	14,466,434	219,521	SH	SOLE	1	219,521	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	706,793	49,530	SH	SOLE	1	49,530	0	0
EASTERN BANKSHARES INC	COM	27627N105	1,272,757	73,783	SH	SOLE	1	73,783	0	0
EASTGROUP PROPERTIES INC	COM	277276101	10,044,242	67,839	SH	SOLE	1	67,839	0	0
EASTMAN CHEMICAL CO	COM	277432100	2,644,764	32,475	SH	SOLE	1	32,475	0	0
EASTMAN KODAK CO	COM	277461406	82,466	27,038	SH	SOLE	1	27,038	0	0
EATON CORP PLC	COM	G29183103	18,731,826	119,349	SH	SOLE	1	119,349	0	0
EBAY INC	COM	278642103	13,682,073	329,927	SH	SOLE	1	329,927	0	0
EBIX INC	COM	278715206	281,915	14,124	SH	SOLE	1	14,124	0	0
ECHOSTAR CORP A	COM	278768106	265,262	15,903	SH	SOLE	1	15,903	0	0
ECOLAB INC	COM	278865100	10,692,110	73,455	SH	SOLE	1	73,455	0	0
ECOVYST INC	COM	27923Q109	303,482	34,253	SH	SOLE	1	34,253	0	0

EDGEWELL PERSONAL CARE CO	COM	28035Q102	1,080,315	28,031	SH	SOLE	1	28,031	0	0
EDGEWISE THERAPEUTICS INC	COM	28036F105	160,294	17,930	SH	SOLE	1	17,930	0	0
EDGIO INC	COM	53261M104	73,400	64,956	SH	SOLE	1	64,956	0	0
EDISON INTERNATIONAL	COM	281020107	6,572,582	103,310	SH	SOLE	1	103,310	0	0
EDITAS MEDICINE INC	COM	28106W103	289,863	32,679	SH	SOLE	1	32,679	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	14,085,473	188,788	SH	SOLE	1	188,788	0	0
EGAIN CORP	COM	28225C806	90,065	9,974	SH	SOLE	1	9,974	0	0
EHEALTH INC	COM	28238P109	56,662	11,707	SH	SOLE	1	11,707	0	0
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	23,267	19,718	SH	SOLE	1	19,718	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	105,676	10,610	SH	SOLE	1	10,610	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	55,968	4,580	SH	SOLE	1	4,580	0	0
ELASTIC NV	COM	N14506104	61,028	1,185	SH	SOLE	1	1,185	0	0
ELECTRONIC ARTS INC	COM	285512109	12,307,558	100,733	SH	SOLE	1	100,733	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	42,183	2,319	SH	SOLE	1	2,319	0	0
ELEVANCE HEALTH INC	COM	036752103	38,387,084	74,833	SH	SOLE	1	74,833	0	0
ELF BEAUTY INC	COM	26856L103	1,482,372	26,806	SH	SOLE	1	26,806	0	0
ELI LILLY CO	COM	532457108	86,974,070	237,738	SH	SOLE	1	237,738	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	387,045	31,289	SH	SOLE	1	31,289	0	0
ELME COMMUNITIES	COM	939653101	845,945	47,525	SH	SOLE	1	47,525	0	0
EMBECTA CORP	COM	29082K105	799,417	31,610	SH	SOLE	1	31,610	0	0
EMCOR GROUP INC	COM	29084Q100	14,229,816	96,076	SH	SOLE	1	96,076	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	318,256	26,948	SH	SOLE	1	26,948	0	0
EMERSON ELECTRIC CO	COM	291011104	16,613,481	172,949	SH	SOLE	1	172,949	0	0
EMPIRE PETROLEUM CORP	COM	292034303	58,806	4,781	SH	SOLE	1	4,781	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	424,243	62,944	SH	SOLE	1	62,944	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	637,203	14,774	SH	SOLE	1	14,774	0	0
ENACT HOLDINGS INC	COM	29249E109	342,745	14,210	SH	SOLE	1	14,210	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	494,833	10,637	SH	SOLE	1	10,637	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	9,294,115	155,394	SH	SOLE	1	155,394	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	604,332	12,606	SH	SOLE	1	12,606	0	0
ENCORE WIRE CORP	COM	292562105	1,329,793	9,667	SH	SOLE	1	9,667	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	4,498,082	134,071	SH	SOLE	1	134,071	0	0
ENERGY FUELS INC	COM	292671708	458,373	73,812	SH	SOLE	1	73,812	0	0
ENERGY RECOVERY INC	COM	29270J100	533,478	26,036	SH	SOLE	1	26,036	0	0
ENERGY VAULT HOLDINGS INC	COM	29280W109	121,012	38,786	SH	SOLE	1	38,786	0	0
ENERPAC TOOL GROUP CORP	CL A	292765104	790,426	31,058	SH	SOLE	1	31,058	0	0
ENERSYS	COM	29275Y102	6,089,659	82,471	SH	SOLE	1	82,471	0	0
ENETI INC	COM	Y2294C107	105,264	10,474	SH	SOLE	1	10,474	0	0
ENFUSION INC CLASS A	CL A	292812104	122,548	12,673	SH	SOLE	1	12,673	0	0
ENGAGESMART INC	COM	29283F103	295,698	16,801	SH	SOLE	1	16,801	0	0
ENHABIT INC	COM	29332G102	52,640	4,000	SH	SOLE	1	4,000	0	0
ENNIS INC	COM	293389102	266,408	12,022	SH	SOLE	1	12,022	0	0
ENOCHIAN	COM	29350E104	9,627	9,347	SH	SOLE	1	9,347	0	0

BIOSCIENCES INC

ENOVA INTERNATIONAL INC	COM	29357K103	643,427	16,769	SH	SOLE	1	16,769	0	0
ENOVIS CORP	COM	194014502	3,973,485	74,243	SH	SOLE	1	74,243	0	0
ENOVIX CORP	COM	293594107	640,200	51,463	SH	SOLE	1	51,463	0	0
ENPHASE ENERGY INC	COM	29355A107	12,767,363	48,186	SH	SOLE	1	48,186	0	0
ENPRO INDUSTRIES INC	COM	29355X107	1,229,719	11,314	SH	SOLE	1	11,314	0	0
ENSIGN GROUP INC/THE	COM	29358P101	2,780,966	29,394	SH	SOLE	1	29,394	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,228,440	5,317	SH	SOLE	1	5,317	0	0
ENTEGRIS INC	COM	29362U104	149,086	2,273	SH	SOLE	1	2,273	0	0
ENTERGY CORP	COM	29364G103	6,196,050	55,076	SH	SOLE	1	55,076	0	0
ENTERPRISE BANCORP INC	COM	293668109	155,850	4,415	SH	SOLE	1	4,415	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	817,093	16,689	SH	SOLE	1	16,689	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	134,880	28,100	SH	SOLE	1	28,100	0	0
ENVESTNET INC	COM	29404K106	6,886,029	111,605	SH	SOLE	1	111,605	0	0
ENVISTA HOLDINGS CORP	COM	29415F104	8,549,823	253,930	SH	SOLE	1	253,930	0	0
ENVIVA INC	COM	29415B103	24,843	469	SH	SOLE	1	469	0	0
EOG RESOURCES INC	COM	26875P101	23,842,042	184,080	SH	SOLE	1	184,080	0	0
EPAM SYSTEMS INC	COM	29414B104	5,653,187	17,249	SH	SOLE	1	17,249	0	0
EPLUS INC	COM	294268107	639,403	14,440	SH	SOLE	1	14,440	0	0
EPR PROPERTIES	COM	26884U109	4,406,828	116,830	SH	SOLE	1	116,830	0	0
EQRX INC	COM	26886C107	233,934	95,095	SH	SOLE	1	95,095	0	0
EQT CORP	COM	26884L109	3,630,230	107,308	SH	SOLE	1	107,308	0	0
EQUIFAX INC	COM	294429105	6,520,778	33,550	SH	SOLE	1	33,550	0	0
EQUINIX INC	COM	29444U700	18,093,239	27,622	SH	SOLE	1	27,622	0	0
EQUITABLE HOLDINGS INC	COM	29452E101	108,802	3,791	SH	SOLE	1	3,791	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	5,789,390	864,088	SH	SOLE	1	864,088	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	234,701	7,184	SH	SOLE	1	7,184	0	0
EQUITY COMMONWEALTH	COM	294628102	1,238,063	49,582	SH	SOLE	1	49,582	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	153,360	2,374	SH	SOLE	1	2,374	0	0
EQUITY RESIDENTIAL	COM	29476L107	5,450,479	92,381	SH	SOLE	1	92,381	0	0
ERASCA INC	COM	29479A108	132,235	30,681	SH	SOLE	1	30,681	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	87,301	351	SH	SOLE	1	351	0	0
ERMENEGILDO ZEGNA HOLDITALIA	ORD SHS	N30577105	296,688	28,337	SH	SOLE	1	28,337	0	0
ESAB CORP	COM	29605J106	3,775,042	80,457	SH	SOLE	1	80,457	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,226,698	14,013	SH	SOLE	1	14,013	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	217,346	34,887	SH	SOLE	1	34,887	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	141,677	3,275	SH	SOLE	1	3,275	0	0
ESS TECH INC	COM	26916J106	92,724	38,158	SH	SOLE	1	38,158	0	0
ESSENT GROUP LTD	COM	G3198U102	8,417,287	216,494	SH	SOLE	1	216,494	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	1,796,300	76,536	SH	SOLE	1	76,536	0	0
ESSENTIAL UTILITIES INC	COM	29670G102	17,739,427	371,662	SH	SOLE	1	371,662	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	3,715,170	17,531	SH	SOLE	1	17,531	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	18,586,168	74,911	SH	SOLE	1	74,911	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	325,257	12,311	SH	SOLE	1	12,311	0	0

ETSY INC	COM	29786A106	6,826,861	56,995	SH	SOLE	1	56,995	0	0
EURONET WORLDWIDE INC	COM	298736109	6,942,404	73,558	SH	SOLE	1	73,558	0	0
EUROPEAN WAX CENTER INC A	COM	29882P106	143,598	11,534	SH	SOLE	1	11,534	0	0
EVENTBRITE INC CLASS A	COM	29975E109	216,609	36,964	SH	SOLE	1	36,964	0	0
EVERBRIDGE INC	COM	29978A104	559,890	18,928	SH	SOLE	1	18,928	0	0
EVERCOMMERCE INC	COM	29977X105	83,975	11,287	SH	SOLE	1	11,287	0	0
EVERCORE INC A	COM	29977A105	6,070,956	55,656	SH	SOLE	1	55,656	0	0
EVEREST RE GROUP LTD	COM	G3223R108	3,544,920	10,701	SH	SOLE	1	10,701	0	0
EVERGY INC	COM	30034W106	3,905,373	62,059	SH	SOLE	1	62,059	0	0
EVERI HOLDINGS INC	COM	30034T103	585,738	40,818	SH	SOLE	1	40,818	0	0
EVERQUOTE INC CLASS A	COM	30041R108	139,337	9,453	SH	SOLE	1	9,453	0	0
EVERSOURCE ENERGY	COM	30040W108	11,628,776	138,702	SH	SOLE	1	138,702	0	0
EVERTEC INC	COM	30040P103	1,084,665	33,498	SH	SOLE	1	33,498	0	0
EVGO INC	CL A	30052F100	143,702	32,148	SH	SOLE	1	32,148	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	757,068	22,372	SH	SOLE	1	22,372	0	0
EVOLENT HEALTH INC A	COM	30050B101	1,088,942	38,780	SH	SOLE	1	38,780	0	0
EVOLUS INC	COM	30052C107	125,800	16,751	SH	SOLE	1	16,751	0	0
EVOLV TECHNOLOGIES HOLDINGS	CL A	30049H102	102,986	39,763	SH	SOLE	1	39,763	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	2,203,898	55,654	SH	SOLE	1	55,654	0	0
EW SCRIPPS CO/THE A	COM	811054402	418,783	31,750	SH	SOLE	1	31,750	0	0
EXACT SCIENCES CORP	COM	30063P105	96,941	1,958	SH	SOLE	1	1,958	0	0
EXCELERATE ENERGY INC A	CL A	30069T101	219,814	8,775	SH	SOLE	1	8,775	0	0
EXELIXIS INC	COM	30161Q104	8,078,979	503,677	SH	SOLE	1	503,677	0	0
EXELON CORP	COM	30161N101	13,495,585	312,181	SH	SOLE	1	312,181	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	11,263,029	66,476	SH	SOLE	1	66,476	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	365,108	32,952	SH	SOLE	1	32,952	0	0
EXPEDIA GROUP INC	COM	30212P303	4,127,186	47,114	SH	SOLE	1	47,114	0	0
EXPEDITORS INTL WASH INC	COM	302130109	5,662,393	54,488	SH	SOLE	1	54,488	0	0
EXPONENT INC	COM	30214U102	2,737,460	27,626	SH	SOLE	1	27,626	0	0
EXPRESS INC	COM	30219E103	30,997	30,389	SH	SOLE	1	30,389	0	0
EXPRO GROUP HOLDINGS NV	COM	N3144W105	664,900	36,674	SH	SOLE	1	36,674	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	5,362,945	36,438	SH	SOLE	1	36,438	0	0
EXTREME NETWORKS INC	COM	30226D106	1,279,924	69,903	SH	SOLE	1	69,903	0	0
EXXON MOBIL CORP	COM	30231G102	119,115,066	1,079,919	SH	SOLE	1	1,079,919	0	0
EYEPOINT PHARMACEUTICALS INC	COM	30233G209	43,187	12,339	SH	SOLE	1	12,339	0	0
EZCORP INC CL A	CL A	302301106	223,514	27,425	SH	SOLE	1	27,425	0	0
FG ANNUITIES LIFE INC	COM	30190A104	3,682	184	SH	SOLE	1	184	0	0
F45 TRAINING HOLDINGS INC	COM	30322L101	49,536	17,381	SH	SOLE	1	17,381	0	0
F5 INC	COM	315616102	2,324,862	16,200	SH	SOLE	1	16,200	0	0
FABRINET	COM	G3323L100	2,570,683	20,049	SH	SOLE	1	20,049	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	4,971,393	12,391	SH	SOLE	1	12,391	0	0
FAIR ISAAC CORP	COM	303250104	23,353,000	39,014	SH	SOLE	1	39,014	0	0
FARADAY FUTURE INTELLIGENT E	COM	307359109	28,488	98,132	SH	SOLE	1	98,132	0	0

FARMERS MERCHANTS BANCO/OH	COM	30779N105	162,183	5,967	SH	SOLE	1	5,967	0	0
FARMERS NATL BANC CORP	COM	309627107	210,247	14,890	SH	SOLE	1	14,890	0	0
FARMLAND PARTNERS INC	COM	31154R109	294,268	23,617	SH	SOLE	1	23,617	0	0
FARO TECHNOLOGIES INC	COM	311642102	300,600	10,221	SH	SOLE	1	10,221	0	0
FASTENAL CO	COM	311900104	8,955,689	189,258	SH	SOLE	1	189,258	0	0
FASTLY INC CLASS A	CL A	31188V100	439,819	53,702	SH	SOLE	1	53,702	0	0
FATE THERAPEUTICS INC	COM	31189P102	396,749	39,321	SH	SOLE	1	39,321	0	0
FATHOM DIGITAL MANUFACTURING	CL A	31189Y103	6,077	4,604	SH	SOLE	1	4,604	0	0
FB FINANCIAL CORP	COM	30257X104	701,477	19,410	SH	SOLE	1	19,410	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	485,442	4,307	SH	SOLE	1	4,307	0	0
FEDERAL REALTY INVS TRUST	SH BEN INT	313745101	2,006,452	19,858	SH	SOLE	1	19,858	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,511,809	32,533	SH	SOLE	1	32,533	0	0
FEDERATED HERMES INC	CL B	314211103	6,215,582	171,181	SH	SOLE	1	171,181	0	0
FEDEX CORP	COM	31428X106	10,797,461	62,341	SH	SOLE	1	62,341	0	0
FIBROGEN INC	COM	31572Q808	662,747	41,370	SH	SOLE	1	41,370	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	100,521	2,672	SH	SOLE	1	2,672	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	12,613,247	185,899	SH	SOLE	1	185,899	0	0
FIFTH THIRD BANCORP	COM	316773100	6,564,001	200,061	SH	SOLE	1	200,061	0	0
FIGS INC CLASS A	CL A	30260D103	406,028	60,331	SH	SOLE	1	60,331	0	0
FINANCE OF AMERICA COS INC A	CL A	31738L107	23,562	18,553	SH	SOLE	1	18,553	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	174,052	7,145	SH	SOLE	1	7,145	0	0
FIRST ADVANTAGE CORP	COM	31846B108	361,088	27,776	SH	SOLE	1	27,776	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	8,438,935	161,233	SH	SOLE	1	161,233	0	0
FIRST BANCORP INC/ME	COM	31866P102	137,724	4,600	SH	SOLE	1	4,600	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,261,888	99,205	SH	SOLE	1	99,205	0	0
FIRST BANCORP/NC	COM	318910106	822,999	19,211	SH	SOLE	1	19,211	0	0
FIRST BANCSHARES INC/MS	COM	318916103	316,931	9,901	SH	SOLE	1	9,901	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	100,902	7,333	SH	SOLE	1	7,333	0	0
FIRST BUSEY CORP	COM	319383204	603,638	24,419	SH	SOLE	1	24,419	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	138,671	3,794	SH	SOLE	1	3,794	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	96,312	127	SH	SOLE	1	127	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	709,103	50,759	SH	SOLE	1	50,759	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	253,030	7,464	SH	SOLE	1	7,464	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,230,302	50,776	SH	SOLE	1	50,776	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	241,690	5,245	SH	SOLE	1	5,245	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	9,023,705	262,317	SH	SOLE	1	262,317	0	0
FIRST FOUNDATION INC	COM	32026V104	346,743	24,197	SH	SOLE	1	24,197	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	67,278	2,869	SH	SOLE	1	2,869	0	0
FIRST HAWAIIAN INC	COM	32051X108	268,472	10,310	SH	SOLE	1	10,310	0	0

FIRST HORIZON CORP	COM	320517105	20,473,744	835,663	SH	SOLE	1	835,663	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	9,931,377	205,789	SH	SOLE	1	205,789	0	0
FIRST INTERNET BANCORP	COM	320557101	99,427	4,095	SH	SOLE	1	4,095	0	0
FIRST INTERSTATE BANCYS A	COM	32055Y201	1,634,161	42,281	SH	SOLE	1	42,281	0	0
FIRST MERCHANTS CORP	COM	320817109	1,113,341	27,082	SH	SOLE	1	27,082	0	0
FIRST MID BANCSHARES INC	COM	320866106	282,817	8,816	SH	SOLE	1	8,816	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	187,668	10,426	SH	SOLE	1	10,426	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	7,394,335	60,664	SH	SOLE	1	60,664	0	0
FIRST SOLAR INC	COM	336433107	4,058,111	27,092	SH	SOLE	1	27,092	0	0
FIRST WATCH RESTAURANT GROUP	COM	33748L101	96,740	7,150	SH	SOLE	1	7,150	0	0
FIRST WESTERN FINANCIAL INC	COM	33751L105	105,112	3,734	SH	SOLE	1	3,734	0	0
FIRSTCASH HOLDINGS INC	COM	33768G107	6,593,514	75,866	SH	SOLE	1	75,866	0	0
FIRSTENERGY CORP	COM	337932107	6,166,438	147,030	SH	SOLE	1	147,030	0	0
FISERV INC	COM	337738108	23,677,062	234,264	SH	SOLE	1	234,264	0	0
FISKER INC	CL A	33813J106	608,950	83,762	SH	SOLE	1	83,762	0	0
FIVE BELOW	COM	33829M101	15,337,105	86,714	SH	SOLE	1	86,714	0	0
FIVE STAR BANCORP	COM	33830T103	162,187	5,954	SH	SOLE	1	5,954	0	0
FIVE9 INC	COM	338307101	72,746	1,072	SH	SOLE	1	1,072	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	3,742,664	20,376	SH	SOLE	1	20,376	0	0
FLEX LNG LTD	LTD SHS	G35947202	440,955	13,489	SH	SOLE	1	13,489	0	0
FLOOR DECOR HOLDINGS INC A	COM	339750101	110,085	1,581	SH	SOLE	1	1,581	0	0
FLOWERS FOODS INC	COM	343498101	8,598,548	299,184	SH	SOLE	1	299,184	0	0
FLOWSERVE CORP	COM	34354P105	6,244,791	203,546	SH	SOLE	1	203,546	0	0
FLUENCE ENERGY INC	CL A	34379V103	291,464	16,995	SH	SOLE	1	16,995	0	0
FLUOR CORP	COM	343412102	9,953,382	287,172	SH	SOLE	1	287,172	0	0
FLUSHING FINANCIAL CORP	COM	343873105	260,661	13,450	SH	SOLE	1	13,450	0	0
FLYWIRE CORP VOTING	COM	302492103	659,931	26,969	SH	SOLE	1	26,969	0	0
FMC CORP	COM	302491303	4,311,216	34,545	SH	SOLE	1	34,545	0	0
FNB CORP	COM	302520101	7,129,293	546,306	SH	SOLE	1	546,306	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	1,022,875	27,445	SH	SOLE	1	27,445	0	0
FOCUS UNIVERSAL INC	COM	34417J104	53,677	8,374	SH	SOLE	1	8,374	0	0
FOGHORN THERAPEUTICS INC	COM	344174107	60,648	9,506	SH	SOLE	1	9,506	0	0
FOOT LOCKER INC	COM	344849104	6,079,088	160,865	SH	SOLE	1	160,865	0	0
FORD MOTOR CO	COM	345370860	11,961,490	1,028,503	SH	SOLE	1	1,028,503	0	0
FORESTAR GROUP INC	COM	346232101	132,803	8,618	SH	SOLE	1	8,618	0	0
FORGEROCK INC A	CL A	34631B101	410,361	18,022	SH	SOLE	1	18,022	0	0
FORMFACTOR INC	COM	346375108	931,504	41,903	SH	SOLE	1	41,903	0	0
FORRESTER RESEARCH INC	COM	346563109	219,674	6,143	SH	SOLE	1	6,143	0	0
FORTINET INC	COM	34959E109	12,517,942	256,043	SH	SOLE	1	256,043	0	0
FORTIVE CORP	COM	34959J108	6,169,349	96,021	SH	SOLE	1	96,021	0	0
FORTUNE BRANDS INNOVATIONS I	COM	34964C106	11,419,944	199,964	SH	SOLE	1	199,964	0	0
FORWARD AIR CORP	COM	349853101	1,530,555	14,592	SH	SOLE	1	14,592	0	0
FOSSIL GROUP INC	COM	34988V106	96,173	22,314	SH	SOLE	1	22,314	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,179,711	45,496	SH	SOLE	1	45,496	0	0
FOX CORP CLASS A	COM	35137L105	2,484,965	81,823	SH	SOLE	1	81,823	0	0

FOX CORP CLASS B	COM	35137L204	1,073,845	37,745	SH	SOLE	1	37,745	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	7,796,789	85,463	SH	SOLE	1	85,463	0	0
FRANCHISE GROUP INC	COM	35180X105	293,772	12,333	SH	SOLE	1	12,333	0	0
FRANKLIN BSP REALTY TRUST IN	COM	35243J101	581,300	45,062	SH	SOLE	1	45,062	0	0
FRANKLIN COVEY CO	COM	353469109	269,068	5,753	SH	SOLE	1	5,753	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	1,957,942	24,551	SH	SOLE	1	24,551	0	0
FRANKLIN RESOURCES INC	COM	354613101	2,028,780	76,906	SH	SOLE	1	76,906	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	145,206	53,189	SH	SOLE	1	53,189	0	0
FREEPORT MCMORAN INC	COM	35671D857	14,242,552	374,804	SH	SOLE	1	374,804	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	434,597	16,594	SH	SOLE	1	16,594	0	0
FRESHPET INC	COM	358039105	31,398	595	SH	SOLE	1	595	0	0
FRONTDOOR INC	COM	35905A109	934,003	44,904	SH	SOLE	1	44,904	0	0
FRONTIER COMMUNICATIONS PARE	COM	35909D109	8,853,357	347,463	SH	SOLE	1	347,463	0	0
FRONTIER GROUP HOLDINGS INC	COM	35909R108	181,266	17,650	SH	SOLE	1	17,650	0	0
FRONTLINE LTD	COM	G3682E192	716,199	58,995	SH	SOLE	1	58,995	0	0
FRP HOLDINGS INC	COM	30292L107	170,736	3,170	SH	SOLE	1	3,170	0	0
FTC SOLAR INC	COM	30320C103	54,372	20,288	SH	SOLE	1	20,288	0	0
FTI CONSULTING INC	COM	302941109	8,523,749	53,676	SH	SOLE	1	53,676	0	0
FUBOTV INC	COM	35953D104	154,743	88,933	SH	SOLE	1	88,933	0	0
FUELCELL ENERGY INC	COM	35952H601	537,396	193,308	SH	SOLE	1	193,308	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	149,953	20,598	SH	SOLE	1	20,598	0	0
FULGENT GENETICS INC	COM	359664109	336,157	11,288	SH	SOLE	1	11,288	0	0
FULL HOUSE RESORTS INC	COM	359678109	116,951	15,552	SH	SOLE	1	15,552	0	0
FULTON FINANCIAL CORP	COM	360271100	5,653,012	335,889	SH	SOLE	1	335,889	0	0
FUNKO INC CLASS A	COM	361008105	164,283	15,058	SH	SOLE	1	15,058	0	0
FUTU HOLDINGS LTD ADR	CL A	36118L106	438,492	10,787	SH	SOLE	1	10,787	0	0
FUTUREFUEL CORP	COM	36116M106	114,178	14,044	SH	SOLE	1	14,044	0	0
FVCBANKCORP INC	COM	36120Q101	107,765	5,651	SH	SOLE	1	5,651	0	0
G III APPAREL GROUP LTD	COM	36237H101	320,156	23,352	SH	SOLE	1	23,352	0	0
GAMBLING.COM GROUP LTD	LTD ORD SHS	G3R239101	38,695	4,229	SH	SOLE	1	4,229	0	0
GAMESTOP CORP CLASS A	COM	36467W109	7,269,917	393,820	SH	SOLE	1	393,820	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	130,798	2,511	SH	SOLE	1	2,511	0	0
GANNETT CO INC	COM	36472T109	159,184	78,416	SH	SOLE	1	78,416	0	0
GAP INC/THE	COM	364760108	3,703,946	328,364	SH	SOLE	1	328,364	0	0
GARMIN LTD	COM	H2906T109	3,831,327	41,514	SH	SOLE	1	41,514	0	0
GARTNER INC	COM	366651107	8,022,653	23,867	SH	SOLE	1	23,867	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	12,665	1,110	SH	SOLE	1	1,110	0	0
GATX CORP	COM	361448103	7,557,584	71,070	SH	SOLE	1	71,070	0	0
GCM GROSVENOR INC CLASS A	CL A	36831E108	147,992	19,447	SH	SOLE	1	19,447	0	0
GELESIS HOLDINGS INC	COM	36850R204	2,453	8,448	SH	SOLE	1	8,448	0	0
GEN DIGITAL INC	COM	668771108	3,616,891	168,777	SH	SOLE	1	168,777	0	0
GENCO SHIPPING TRADING LTD	COM	Y2685T131	266,419	17,345	SH	SOLE	1	17,345	0	0
GENEDX HOLDINGS CORP	CL A	81663L101	19,729	74,786	SH	SOLE	1	74,786	0	0

GENERAC HOLDINGS INC	COM	368736104	1,756,718	17,452	SH	SOLE	1	17,452	0	0
GENERAL DYNAMICS CORP	COM	369550108	14,599,537	58,843	SH	SOLE	1	58,843	0	0
GENERAL ELECTRIC CO	COM	369604301	23,841,188	284,535	SH	SOLE	1	284,535	0	0
GENERAL MILLS INC	COM	370334104	17,350,829	206,927	SH	SOLE	1	206,927	0	0
GENERAL MOTORS CO	COM	37045V100	12,445,320	369,956	SH	SOLE	1	369,956	0	0
GENERATION BIO CO	COM	37148K100	89,396	22,747	SH	SOLE	1	22,747	0	0
GENESCO INC	COM	371532102	313,350	6,809	SH	SOLE	1	6,809	0	0
GENPACT LTD	COM	G3922B107	12,190,637	263,183	SH	SOLE	1	263,183	0	0
GENTEX CORP	COM	371901109	9,963,122	365,351	SH	SOLE	1	365,351	0	0
GENTHERM INC	COM	37253A103	1,175,938	18,011	SH	SOLE	1	18,011	0	0
GENUINE PARTS CO	COM	372460105	9,604,299	55,353	SH	SOLE	1	55,353	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	1,423,634	269,118	SH	SOLE	1	269,118	0	0
GEO GROUP INC/THE	COM	36162J106	709,177	64,765	SH	SOLE	1	64,765	0	0
GERMAN AMERICAN BANCORP	COM	373865104	488,518	13,097	SH	SOLE	1	13,097	0	0
GERON CORP	COM	374163103	415,821	171,827	SH	SOLE	1	171,827	0	0
GETTY REALTY CORP	COM	374297109	776,959	22,953	SH	SOLE	1	22,953	0	0
GEVO INC	COM	374396406	176,917	93,114	SH	SOLE	1	93,114	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	775,097	16,894	SH	SOLE	1	16,894	0	0
GILEAD SCIENCES INC	COM	375558103	34,022,355	396,300	SH	SOLE	1	396,300	0	0
GINKGO BIOWORKS HOLDINGS INC	CL A	37611X100	16,589	9,816	SH	SOLE	1	9,816	0	0
GLACIER BANCORP INC	COM	37637Q105	11,068,400	223,966	SH	SOLE	1	223,966	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	342,824	18,531	SH	SOLE	1	18,531	0	0
GLADSTONE LAND CORP	COM	376549101	279,782	15,247	SH	SOLE	1	15,247	0	0
GLATFELTER CORP	COM	377320106	57,868	20,816	SH	SOLE	1	20,816	0	0
GLAUKOS CORP	COM	377322102	1,092,175	25,004	SH	SOLE	1	25,004	0	0
GLOBAL INDUSTRIAL CO	COM	37892E102	144,757	6,152	SH	SOLE	1	6,152	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	273,707	28,872	SH	SOLE	1	28,872	0	0
GLOBAL NET LEASE INC	COM	379378201	711,625	56,613	SH	SOLE	1	56,613	0	0
GLOBAL PAYMENTS INC	COM	37940X102	8,265,808	83,224	SH	SOLE	1	83,224	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	85,483	6,437	SH	SOLE	1	6,437	0	0
GLOBALFOUNDRIES INC	ORD SHS	G39387108	1,617,886	30,022	SH	SOLE	1	30,022	0	0
GLOBALSTAR INC	COM	378973408	430,435	323,635	SH	SOLE	1	323,635	0	0
GLOBANT SA	COM	L44385109	104,764	623	SH	SOLE	1	623	0	0
GLOBE LIFE INC	COM	37959E102	2,964,566	24,592	SH	SOLE	1	24,592	0	0
GLOBUS MEDICAL INC A	COM	379577208	8,955,477	120,580	SH	SOLE	1	120,580	0	0
GMS INC	COM	36251C103	1,152,820	23,149	SH	SOLE	1	23,149	0	0
GODADDY INC CLASS A	COM	380237107	128,541	1,718	SH	SOLE	1	1,718	0	0
GOGO INC	COM	38046C109	412,926	27,976	SH	SOLE	1	27,976	0	0
GOLAR LNG LTD	COM	G9456A100	1,088,382	47,757	SH	SOLE	1	47,757	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	413,681	11,061	SH	SOLE	1	11,061	0	0
GOLDEN OCEAN GROUP LTD	LTD SHS	G39637205	504,689	58,077	SH	SOLE	1	58,077	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	30,279,935	88,182	SH	SOLE	1	88,182	0	0
GOODYEAR TIRE RUBBER CO	COM	382550101	5,789,387	570,383	SH	SOLE	1	570,383	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	309,472	9,012	SH	SOLE	1	9,012	0	0
GOPRO INC CLASS A	COM	38268T103	304,442	61,133	SH	SOLE	1	61,133	0	0

GORMAN RUPP CO	COM	383082104	275,697	10,761	SH	SOLE	1	10,761	0	0
GOSSAMER BIO INC	COM	38341P102	64,646	29,791	SH	SOLE	1	29,791	0	0
GRAB HOLDINGS LTD CL A	COM	G4124C109	676,078	209,962	SH	SOLE	1	209,962	0	0
GRACO INC	COM	384109104	17,692,407	263,045	SH	SOLE	1	263,045	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	436,411	91,683	SH	SOLE	1	91,683	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	4,641,541	7,682	SH	SOLE	1	7,682	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	5,047,167	47,768	SH	SOLE	1	47,768	0	0
GRANITE CONSTRUCTION INC	COM	387328107	842,101	24,012	SH	SOLE	1	24,012	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	151,425	28,251	SH	SOLE	1	28,251	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	96,365	4,331	SH	SOLE	1	4,331	0	0
GRAY TELEVISION INC	COM	389375106	434,541	38,833	SH	SOLE	1	38,833	0	0
GREAT LAKES DREDGE DOCK CO	COM	390607109	183,962	30,918	SH	SOLE	1	30,918	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	262,529	4,413	SH	SOLE	1	4,413	0	0
GREEN BRICK PARTNERS INC	COM	392709101	357,611	14,759	SH	SOLE	1	14,759	0	0
GREEN DOT CORP CLASS A	COM	39304D102	404,090	25,543	SH	SOLE	1	25,543	0	0
GREEN PLAINS INC	COM	393222104	903,990	29,639	SH	SOLE	1	29,639	0	0
GREENBRIER COMPANIES INC	COM	393657101	582,517	17,373	SH	SOLE	1	17,373	0	0
GREENE COUNTY BANCORP INC	COM	394357107	91,987	1,602	SH	SOLE	1	1,602	0	0
GREENIDGE GENERATION HOLDING	CL A	39531G100	1,968	6,807	SH	SOLE	1	6,807	0	0
GREENLIGHT BIOSCIENCES HOLDI	COM	39536G105	49,897	42,286	SH	SOLE	1	42,286	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	100,767	12,364	SH	SOLE	1	12,364	0	0
GREIF INC CL A	CL A	397624107	3,445,409	51,378	SH	SOLE	1	51,378	0	0
GREIF INC CL B	COM	397624206	199,487	2,550	SH	SOLE	1	2,550	0	0
GRID DYNAMICS HOLDINGS INC	CL A	39813G109	284,663	25,371	SH	SOLE	1	25,371	0	0
GRIFFON CORP	COM	398433102	899,331	25,128	SH	SOLE	1	25,128	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	4,025,301	137,900	SH	SOLE	1	137,900	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	1,390,292	7,708	SH	SOLE	1	7,708	0	0
GROUPON INC	COM	399473206	88,571	10,323	SH	SOLE	1	10,323	0	0
GROWGENERATION CORP	COM	39986L109	106,444	27,154	SH	SOLE	1	27,154	0	0
GUARANTY BANCSHARES INC	COM	400764106	133,329	3,849	SH	SOLE	1	3,849	0	0
GUARDANT HEALTH INC	COM	40131M109	40,582	1,492	SH	SOLE	1	1,492	0	0
GUESS INC	COM	401617105	347,964	16,818	SH	SOLE	1	16,818	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	52,738	843	SH	SOLE	1	843	0	0
GULFPORT ENERGY CORP	COM	402635502	381,750	5,184	SH	SOLE	1	5,184	0	0
GXO LOGISTICS INC	COM	36262G101	7,884,715	184,697	SH	SOLE	1	184,697	0	0
H WORLD GROUP LTD ADR	ADR	44332N106	115,552	2,724	SH	SOLE	1	2,724	0	0
HE EQUIPMENT SERVICES INC	COM	404030108	685,268	15,094	SH	SOLE	1	15,094	0	0
HR BLOCK INC	COM	093671105	8,863,752	242,776	SH	SOLE	1	242,776	0	0
H.B. FULLER CO.	COM	359694106	2,067,383	28,866	SH	SOLE	1	28,866	0	0
HACKETT GROUP	COM	404609109	259,738	12,751	SH	SOLE	1	12,751	0	0

INC/THE											
HAEMONETICS CORP/MASS	COM	405024100	8,047,704	102,323	SH	SOLE	1	102,323	0	0	
HAIN CELESTIAL GROUP INC	COM	405217100	787,513	48,672	SH	SOLE	1	48,672	0	0	
HALLIBURTON CO	COM	406216101	10,448,842	265,536	SH	SOLE	1	265,536	0	0	
HALOZYME THERAPEUTICS INC	COM	40637H109	15,488,180	272,200	SH	SOLE	1	272,200	0	0	
HAMILTON LANE INC CLASS A	COM	407497106	1,086,152	17,003	SH	SOLE	1	17,003	0	0	
HANCOCK WHITNEY CORP	COM	410120109	8,388,939	173,361	SH	SOLE	1	173,361	0	0	
HANESBRANDS INC	COM	410345102	3,456,418	543,462	SH	SOLE	1	543,462	0	0	
HANMI FINANCIAL CORPORATION	COM	410495204	407,583	16,468	SH	SOLE	1	16,468	0	0	
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	1,194,179	41,207	SH	SOLE	1	41,207	0	0	
HANOVER INSURANCE GROUP INC/	COM	410867105	7,484,040	55,384	SH	SOLE	1	55,384	0	0	
HARBORONE BANCORP INC	COM	41165Y100	287,827	20,707	SH	SOLE	1	20,707	0	0	
HARLEY DAVIDSON INC	COM	412822108	8,619,437	207,198	SH	SOLE	1	207,198	0	0	
HARMONIC INC	COM	413160102	667,733	50,972	SH	SOLE	1	50,972	0	0	
HARMONY BIOSCIENCES HOLDINGS	COM	413197104	798,619	14,494	SH	SOLE	1	14,494	0	0	
HARSCO CORP	COM	415864107	268,948	42,758	SH	SOLE	1	42,758	0	0	
HARTFORD FINANCIAL SVCS GRP	COM	416515104	6,528,963	86,100	SH	SOLE	1	86,100	0	0	
HASBRO INC	COM	418056107	2,669,737	43,759	SH	SOLE	1	43,759	0	0	
HAVERTY FURNITURE	COM	419596101	233,788	7,819	SH	SOLE	1	7,819	0	0	
HAWAIIAN ELECTRIC INDS	COM	419870100	7,134,881	170,487	SH	SOLE	1	170,487	0	0	
HAWAIIAN HOLDINGS INC	COM	419879101	282,940	27,577	SH	SOLE	1	27,577	0	0	
HAWKINS INC	COM	420261109	405,532	10,506	SH	SOLE	1	10,506	0	0	
HAYNES INTERNATIONAL INC	COM	420877201	304,341	6,661	SH	SOLE	1	6,661	0	0	
HAYWARD HOLDINGS INC	COM	421298100	6,514	693	SH	SOLE	1	693	0	0	
HBT FINANCIAL INC/DE	COM	404111106	93,975	4,802	SH	SOLE	1	4,802	0	0	
HCA HEALTHCARE INC	COM	40412C101	15,374,957	64,073	SH	SOLE	1	64,073	0	0	
HCI GROUP INC	COM	40416E103	136,308	3,443	SH	SOLE	1	3,443	0	0	
HEALTH CATALYST INC	COM	42225T107	275,817	25,947	SH	SOLE	1	25,947	0	0	
HEALTHCARE REALTY TRUST INC	CL A	42226K105	11,421,406	592,704	SH	SOLE	1	592,704	0	0	
HEALTHCARE SERVICES GROUP	COM	421906108	483,420	40,285	SH	SOLE	1	40,285	0	0	
HEALTH EQUITY INC	COM	42226A107	10,482,005	170,052	SH	SOLE	1	170,052	0	0	
HEALTHPEAK PROPERTIES INC	COM	42250P103	3,648,287	145,524	SH	SOLE	1	145,524	0	0	
HEALTHSTREAM INC	COM	42222N103	326,298	13,136	SH	SOLE	1	13,136	0	0	
HEARTLAND EXPRESS INC	COM	422347104	389,375	25,383	SH	SOLE	1	25,383	0	0	
HEARTLAND FINANCIAL USA INC	COM	42234Q102	906,060	19,435	SH	SOLE	1	19,435	0	0	
HECLA MINING CO	COM	422704106	1,455,302	261,745	SH	SOLE	1	261,745	0	0	
HEICO CORP	COM	422806109	103,553	674	SH	SOLE	1	674	0	0	
HEICO CORP CLASS A	COM	422806208	141,902	1,184	SH	SOLE	1	1,184	0	0	
HEIDRICK STRUGGLES INTL	COM	422819102	297,713	10,644	SH	SOLE	1	10,644	0	0	
HELEN OF TROY LTD	COM	G4388N106	5,363,940	48,363	SH	SOLE	1	48,363	0	0	
HELIOGEN INC	COM	42329E105	30,012	42,985	SH	SOLE	1	42,985	0	0	
HELIOS TECHNOLOGIES INC	COM	42328H109	837,995	15,393	SH	SOLE	1	15,393	0	0	

HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	573,515	77,712	SH	SOLE	1	77,712	0	0
HELMERICH PAYNE	COM	423452101	2,778,646	56,055	SH	SOLE	1	56,055	0	0
HENRY SCHEIN INC	COM	806407102	2,930,350	36,689	SH	SOLE	1	36,689	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	689,495	46,337	SH	SOLE	1	46,337	0	0
HERC HOLDINGS INC	COM	42704L104	1,563,841	11,886	SH	SOLE	1	11,886	0	0
HERITAGE COMMERCE CORP	COM	426927109	361,335	27,795	SH	SOLE	1	27,795	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	240,937	7,418	SH	SOLE	1	7,418	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	577,227	18,839	SH	SOLE	1	18,839	0	0
HERON THERAPEUTICS INC	COM	427746102	121,703	48,681	SH	SOLE	1	48,681	0	0
HERSHA HOSPITALITY TRUST A	COM	427825500	146,357	17,178	SH	SOLE	1	17,178	0	0
HERSHEY CO/THE	COM	427866108	9,419,573	40,677	SH	SOLE	1	40,677	0	0
HERTZ GLOBAL HLDGS INC	COM	42806J700	29,887	1,942	SH	SOLE	1	1,942	0	0
HESKA CORP	COM	42805E306	328,391	5,283	SH	SOLE	1	5,283	0	0
HESS CORP	COM	42809H107	12,502,142	88,155	SH	SOLE	1	88,155	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	12,498,547	783,117	SH	SOLE	1	783,117	0	0
HEXCEL CORP	COM	428291108	7,714,470	131,087	SH	SOLE	1	131,087	0	0
HF FOODS GROUP INC	COM	40417F109	69,475	17,112	SH	SOLE	1	17,112	0	0
HF SINCLAIR CORP	COM	403949100	10,869,035	209,463	SH	SOLE	1	209,463	0	0
HIBBETT INC	COM	428567101	470,854	6,902	SH	SOLE	1	6,902	0	0
HIGHPEAK ENERGY INC	COM	43114Q105	75,562	3,304	SH	SOLE	1	3,304	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	4,583,851	163,826	SH	SOLE	1	163,826	0	0
HILLENBRAND INC	COM	431571108	1,607,422	37,671	SH	SOLE	1	37,671	0	0
HILLEVAX INC	COM	43157M102	138,156	8,258	SH	SOLE	1	8,258	0	0
HILLMAN SOLUTIONS CORP	COM	431636109	459,061	63,670	SH	SOLE	1	63,670	0	0
HILLTOP HOLDINGS INC	COM	432748101	804,898	26,821	SH	SOLE	1	26,821	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	1,566,150	40,637	SH	SOLE	1	40,637	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	11,257,918	89,094	SH	SOLE	1	89,094	0	0
HIMS HERS HEALTH INC	CL A	433000106	368,011	57,412	SH	SOLE	1	57,412	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	190,688	691	SH	SOLE	1	691	0	0
HIPPO HOLDINGS INC	COM	433539202	110,514	8,126	SH	SOLE	1	8,126	0	0
HIRERIGHT HOLDINGS CORP	COM	433537107	118,956	10,030	SH	SOLE	1	10,030	0	0
HNI CORP	COM	404251100	636,804	22,399	SH	SOLE	1	22,399	0	0
HOLLEY INC	COM	43538H103	51,569	24,325	SH	SOLE	1	24,325	0	0
HOLOGIC INC	COM	436440101	5,405,471	72,256	SH	SOLE	1	72,256	0	0
HOME BANCORP INC	COM	43689E107	138,344	3,456	SH	SOLE	1	3,456	0	0
HOME BANCSHARES INC	COM	436893200	8,715,808	382,440	SH	SOLE	1	382,440	0	0
HOME DEPOT INC	COM	437076102	94,325,904	298,632	SH	SOLE	1	298,632	0	0
HOME POINT CAPITAL INC	COM	43734L106	5,147	3,757	SH	SOLE	1	3,757	0	0
HOMESTREET INC	COM	43785V102	268,822	9,747	SH	SOLE	1	9,747	0	0
HOMETRUST BANCSHARES INC	COM	437872104	162,616	6,728	SH	SOLE	1	6,728	0	0
HONEST CO INC/THE	COM	438333106	93,704	31,131	SH	SOLE	1	31,131	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	45,261,874	211,208	SH	SOLE	1	211,208	0	0
HOPE BANCORP INC	COM	43940T109	810,245	63,251	SH	SOLE	1	63,251	0	0
HORACE MANN EDUCATORS	COM	440327104	834,435	22,329	SH	SOLE	1	22,329	0	0

HORIZON BANCORP INC/IN	COM	440407104	287,530	19,067	SH	SOLE	1	19,067	0	0
HORIZON THERAPEUTICS PLC	COM	G46188101	376,906	3,312	SH	SOLE	1	3,312	0	0
HORMEL FOODS CORP	COM	440452100	4,665,778	102,432	SH	SOLE	1	102,432	0	0
HOST HOTELS RESORTS INC	COM	44107P104	3,105,306	193,477	SH	SOLE	1	193,477	0	0
HOSTESS BRANDS INC	COM	44109J106	1,628,942	72,591	SH	SOLE	1	72,591	0	0
HOULIHAN LOKEY INC	COM	441593100	2,062,467	23,663	SH	SOLE	1	23,663	0	0
HOVNIANIAN ENTERPRISES A	CL A	442487401	104,190	2,476	SH	SOLE	1	2,476	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	28,810	377	SH	SOLE	1	377	0	0
HOWMET AEROSPACE INC	COM	443201108	3,936,350	99,882	SH	SOLE	1	99,882	0	0
HP INC	COM	40434L105	11,908,327	443,183	SH	SOLE	1	443,183	0	0
HUB GROUP INC CL A	CL A	443320106	1,396,798	17,572	SH	SOLE	1	17,572	0	0
HUBBELL INC	COM	443510607	19,629,105	83,642	SH	SOLE	1	83,642	0	0
HUBSPOT INC	COM	443573100	204,993	709	SH	SOLE	1	709	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	101,688	10,451	SH	SOLE	1	10,451	0	0
HUDSON TECHNOLOGIES INC	COM	444144109	206,488	20,404	SH	SOLE	1	20,404	0	0
HUMACYTE INC	COM	44486Q103	58,671	27,806	SH	SOLE	1	27,806	0	0
HUMANA INC	COM	444859102	20,448,161	39,923	SH	SOLE	1	39,923	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	5,072,481	29,092	SH	SOLE	1	29,092	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	6,114,465	433,650	SH	SOLE	1	433,650	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	2,500,802	10,841	SH	SOLE	1	10,841	0	0
HUNTSMAN CORP	COM	447011107	51,525	1,875	SH	SOLE	1	1,875	0	0
HURON CONSULTING GROUP INC	COM	447462102	677,068	9,326	SH	SOLE	1	9,326	0	0
HUTCHMED CHINA ADR	ADR	44842L103	13,405	907	SH	SOLE	1	907	0	0
HYATT HOTELS CORP CL A	CL A	448579102	44,049	487	SH	SOLE	1	487	0	0
HYCROFT MINING HOLDING CORP	CL A	44862P109	38,525	72,402	SH	SOLE	1	72,402	0	0
HYDROFARM HOLDINGS GROUP INC	COM	44888K209	32,014	20,654	SH	SOLE	1	20,654	0	0
HYLIION HOLDINGS CORP	COM	449109107	152,042	64,975	SH	SOLE	1	64,975	0	0
HYSTER YALE MATERIALS	COM	449172105	129,764	5,127	SH	SOLE	1	5,127	0	0
HYZON MOTORS INC	CL A	44951Y102	64,375	41,532	SH	SOLE	1	41,532	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	253,671	10,422	SH	SOLE	1	10,422	0	0
IAA INC	COM	449253103	8,355,600	208,890	SH	SOLE	1	208,890	0	0
IAC INC	COM	44891N208	35,076	790	SH	SOLE	1	790	0	0
IBEX LTD	SHS	G4690M101	105,140	4,231	SH	SOLE	1	4,231	0	0
ICF INTERNATIONAL INC	COM	44925C103	864,707	8,730	SH	SOLE	1	8,730	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	410,346	15,300	SH	SOLE	1	15,300	0	0
ICOSAVAX INC	COM	45114M109	83,481	10,514	SH	SOLE	1	10,514	0	0
ICU MEDICAL INC	COM	44930G107	4,943,770	31,393	SH	SOLE	1	31,393	0	0
IDACORP INC	COM	451107106	8,492,648	78,745	SH	SOLE	1	78,745	0	0
IDEAYA BIOSCIENCES INC	COM	45166A102	380,680	20,951	SH	SOLE	1	20,951	0	0
IDENTIV INC	COM	45170X205	75,578	10,439	SH	SOLE	1	10,439	0	0
IDEX CORP	COM	45167R104	4,696,063	20,567	SH	SOLE	1	20,567	0	0
IDEXX LABORATORIES INC	COM	45168D104	12,109,069	29,682	SH	SOLE	1	29,682	0	0
IDT CORP CLASS B	COM	448947507	206,740	7,339	SH	SOLE	1	7,339	0	0

IES HOLDINGS INC	COM	44951W106	146,264	4,112	SH	SOLE	1	4,112	0	0
IGM BIOSCIENCES INC	COM	449585108	85,118	5,004	SH	SOLE	1	5,004	0	0
IHEARTMEDIA INC CLASS A	CL A	45174J509	349,588	57,029	SH	SOLE	1	57,029	0	0
ILLINOIS TOOL WORKS	COM	452308109	21,281,641	96,603	SH	SOLE	1	96,603	0	0
ILLUMINA INC	COM	452327109	10,713,567	52,985	SH	SOLE	1	52,985	0	0
IMAGO BIOSCIENCES INC	COM	45250K107	447,470	12,447	SH	SOLE	1	12,447	0	0
IMAX CORP	COM	45245E109	326,302	22,258	SH	SOLE	1	22,258	0	0
IMMUNITYBIO INC	COM	45256X103	196,315	38,721	SH	SOLE	1	38,721	0	0
IMMUNOGEN INC	COM	45253H101	503,748	101,562	SH	SOLE	1	101,562	0	0
IMMUNOVANT INC	COM	45258J102	373,229	21,027	SH	SOLE	1	21,027	0	0
IMPINJ INC	COM	453204109	1,108,505	10,153	SH	SOLE	1	10,153	0	0
INARI MEDICAL INC	COM	45332Y109	6,199,070	97,531	SH	SOLE	1	97,531	0	0
INCYTE CORP	COM	45337C102	5,347,706	66,580	SH	SOLE	1	66,580	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	7,630,415	452,575	SH	SOLE	1	452,575	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	227,623	9,516	SH	SOLE	1	9,516	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	2,101,716	24,893	SH	SOLE	1	24,893	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,167,234	19,428	SH	SOLE	1	19,428	0	0
INDIE SEMICONDUCTOR INC A	CL A	45569U101	281,385	48,265	SH	SOLE	1	48,265	0	0
INDUS REALTY TRUST INC	COM	45580R103	160,439	2,527	SH	SOLE	1	2,527	0	0
INDUSTRIAL LOGISTICS PROPERT	COM SHS BEN INT	456237106	115,630	35,361	SH	SOLE	1	35,361	0	0
INFINERA CORP	COM	45667G103	616,319	91,442	SH	SOLE	1	91,442	0	0
INFORMATICA INC CLASS A	CL A	45674M101	6,679	410	SH	SOLE	1	410	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	76,378	16,604	SH	SOLE	1	16,604	0	0
INGERSOLL RAND INC	COM	45687V106	6,015,490	115,129	SH	SOLE	1	115,129	0	0
INGEVITY CORP	COM	45688C107	5,079,006	72,104	SH	SOLE	1	72,104	0	0
INGLES MARKETS INC CLASS A	COM	457030104	648,886	6,727	SH	SOLE	1	6,727	0	0
INGREDION INC	COM	457187102	9,998,457	102,098	SH	SOLE	1	102,098	0	0
INHIBRX INC	COM	45720L107	379,727	15,411	SH	SOLE	1	15,411	0	0
INNOSPEC INC	COM	45768S105	1,384,290	13,458	SH	SOLE	1	13,458	0	0
INNOVAGE HOLDING CORP	COM	45784A104	64,965	9,048	SH	SOLE	1	9,048	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	1,531,399	15,110	SH	SOLE	1	15,110	0	0
INNOVID CORP	COM	457679108	61,863	36,177	SH	SOLE	1	36,177	0	0
INNOVIVA INC	COM	45781M101	455,217	34,356	SH	SOLE	1	34,356	0	0
INOGEN INC	COM	45780L104	246,158	12,489	SH	SOLE	1	12,489	0	0
INOTIV INC	COM	45783Q100	40,681	8,235	SH	SOLE	1	8,235	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	182,408	116,928	SH	SOLE	1	116,928	0	0
INSEEGO CORP	COM	45782B104	34,343	40,763	SH	SOLE	1	40,763	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,703,788	16,992	SH	SOLE	1	16,992	0	0
INSMED INC	COM	457669307	1,277,621	63,945	SH	SOLE	1	63,945	0	0
INSPERITY INC	COM	45778Q107	8,217,370	72,336	SH	SOLE	1	72,336	0	0
INSPIRATO INC	CL A	45791E107	11,548	9,704	SH	SOLE	1	9,704	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	3,363,354	13,353	SH	SOLE	1	13,353	0	0
INSPIRED ENTERTAINMENT INC	COM	45782N108	127,714	10,080	SH	SOLE	1	10,080	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	1,105,267	12,912	SH	SOLE	1	12,912	0	0

INSTEEL INDUSTRIES INC	COM	45774W108	281,447	10,227	SH	SOLE	1	10,227	0	0
INSTIL BIO INC	COM	45783C101	20,738	32,917	SH	SOLE	1	32,917	0	0
INSTRUCTURE HOLDINGS INC	COM	457790103	191,856	8,185	SH	SOLE	1	8,185	0	0
INSULET CORP	COM	45784P101	310,287	1,054	SH	SOLE	1	1,054	0	0
INTAPP INC	COM	45827U109	169,916	6,813	SH	SOLE	1	6,813	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,226,872	17,921	SH	SOLE	1	17,921	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	6,344,993	113,162	SH	SOLE	1	113,162	0	0
INTEGRAL AD SCIENCE HOLDING	COM	45828L108	158,791	18,065	SH	SOLE	1	18,065	0	0
INTEL CORP	COM	458140100	34,266,019	1,296,482	SH	SOLE	1	1,296,482	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	1,402,648	40,202	SH	SOLE	1	40,202	0	0
INTER PARFUMS INC	COM	458334109	941,167	9,751	SH	SOLE	1	9,751	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	11,584,248	160,114	SH	SOLE	1	160,114	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	143,096	11,568	SH	SOLE	1	11,568	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	18,270,151	178,089	SH	SOLE	1	178,089	0	0
INTERDIGITAL INC	COM	45867G101	798,508	16,138	SH	SOLE	1	16,138	0	0
INTERFACE INC	COM	458665304	308,605	31,267	SH	SOLE	1	31,267	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	4,898,242	107,042	SH	SOLE	1	107,042	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	1,054,008	46,473	SH	SOLE	1	46,473	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	361,163	14,820	SH	SOLE	1	14,820	0	0
INTERNATIONAL PAPER CO	COM	460146103	3,561,834	102,854	SH	SOLE	1	102,854	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	852,830	23,037	SH	SOLE	1	23,037	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	3,503,046	105,165	SH	SOLE	1	105,165	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	33,171,001	235,439	SH	SOLE	1	235,439	0	0
INTL FLAVORS FRAGRANCES	COM	459506101	7,554,456	72,057	SH	SOLE	1	72,057	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	2,293,447	43,338	SH	SOLE	1	43,338	0	0
INTREPID POTASH INC	COM	46121Y201	152,058	5,267	SH	SOLE	1	5,267	0	0
INTUIT INC	COM	461202103	38,924,725	100,007	SH	SOLE	1	100,007	0	0
INTUITIVE SURGICAL INC	COM	46120E602	29,541,416	111,330	SH	SOLE	1	111,330	0	0
INVENTRUST PROPERTIES CORP	COM	46124J201	758,813	32,058	SH	SOLE	1	32,058	0	0
INVESCO LTD	COM	G491BT108	2,199,673	122,272	SH	SOLE	1	122,272	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B704	245,969	19,322	SH	SOLE	1	19,322	0	0
INVESTORS TITLE CO	COM	461804106	90,596	614	SH	SOLE	1	614	0	0
INVITAE CORP	COM	46185L103	214,555	115,352	SH	SOLE	1	115,352	0	0
INVITATION HOMES INC	COM	46187W107	4,669,219	157,531	SH	SOLE	1	157,531	0	0
INVIVYD INC	COM	00534A102	36,423	24,282	SH	SOLE	1	24,282	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	79,544	2,106	SH	SOLE	1	2,106	0	0
IONQ INC	COM	46222L108	193,925	56,210	SH	SOLE	1	56,210	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	455,754	71,323	SH	SOLE	1	71,323	0	0
IPG PHOTONICS CORP	COM	44980X109	4,740,884	50,078	SH	SOLE	1	50,078	0	0
IQIYI INC ADR	ADR	46267X108	19,303	3,642	SH	SOLE	1	3,642	0	0
IQVIA HOLDINGS INC	COM	46266C105	11,289,029	55,098	SH	SOLE	1	55,098	0	0

IRADIMED CORP	COM	46266A109	95,366	3,371	SH	SOLE	1	3,371	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,336,671	14,270	SH	SOLE	1	14,270	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	13,031,956	253,540	SH	SOLE	1	253,540	0	0
IROBOT CORP	COM	462726100	703,564	14,618	SH	SOLE	1	14,618	0	0
IRON MOUNTAIN INC	COM	46284V101	3,992,536	80,091	SH	SOLE	1	80,091	0	0
IRONNET INC	COM	46323Q105	7,157	31,118	SH	SOLE	1	31,118	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	917,579	74,058	SH	SOLE	1	74,058	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	8,303,691	102,300	SH	SOLE	1	102,300	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	151,452	1,400	SH	SOLE	1	1,400	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	1,413,752	14,200	SH	SOLE	1	14,200	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	8,639,728	75,200	SH	SOLE	1	75,200	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,116,738	22,100	SH	SOLE	1	22,100	0	0
ISHARES CORE SP SMALL CAP ETF	CORE S&P SCP ETF	464287804	677,717	7,161	SH	SOLE	1	7,161	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	13,368,524	126,800	SH	SOLE	1	126,800	0	0
ISHARES MSCI CHINA A ETF	ETF	46434V514	3,986,763	127,699	SH	SOLE	1	127,699	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	46,584,708	709,700	SH	SOLE	1	709,700	0	0
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	2,465,926	65,064	SH	SOLE	1	65,064	0	0
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	8,003,124	45,900	SH	SOLE	1	45,900	0	0
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	1,145,320	13,700	SH	SOLE	1	13,700	0	0
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	1,263,027	11,990	SH	SOLE	1	11,990	0	0
ISHARES SP 500 GROWTH ETF	ETF	464287309	2,652,975	45,350	SH	SOLE	1	45,350	0	0
ISHARES SP 500 VALUE ETF	S&P 500 VAL ETF	464287408	6,204,934	42,772	SH	SOLE	1	42,772	0	0
ISTAR INC	COM	45031U101	296,906	38,913	SH	SOLE	1	38,913	0	0
ITEOS THERAPEUTICS INC	COM	46565G104	251,156	12,860	SH	SOLE	1	12,860	0	0
ITRON INC	COM	465741106	1,242,293	24,527	SH	SOLE	1	24,527	0	0
ITT INC	COM	45073V108	10,446,410	128,809	SH	SOLE	1	128,809	0	0
IVANHOE ELECTRIC INC /U	COM	46578C108	83,373	6,862	SH	SOLE	1	6,862	0	0
IVERIC BIO INC	COM	46583P102	1,362,789	63,652	SH	SOLE	1	63,652	0	0
J J SNACK FOODS CORP	COM	466032109	1,234,658	8,247	SH	SOLE	1	8,247	0	0
JABIL INC	COM	466313103	14,335,572	210,199	SH	SOLE	1	210,199	0	0
JACK HENRY ASSOCIATES INC	COM	426281101	4,286,122	24,414	SH	SOLE	1	24,414	0	0
JACK IN THE BOX INC	COM	466367109	784,781	11,502	SH	SOLE	1	11,502	0	0
JACKSON FINANCIAL INC A	CL A	46817M107	1,231,288	35,392	SH	SOLE	1	35,392	0	0
JACOBS SOLUTIONS INC	COM	46982L108	4,719,952	39,310	SH	SOLE	1	39,310	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	418,890	20,033	SH	SOLE	1	20,033	0	0
JAMF HOLDING CORP	COM	47074L105	20,576	966	SH	SOLE	1	966	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	4,855,422	206,438	SH	SOLE	1	206,438	0	0
JANUS INTERNATIONAL GROUP IN	COM	47103N106	367,834	38,638	SH	SOLE	1	38,638	0	0
JANUX THERAPEUTICS INC	COM	47103J105	106,914	8,118	SH	SOLE	1	8,118	0	0

JAZZ PHARMACEUTICALS PLC	COM	G50871105	15,620,505	98,051	SH	SOLE	1	98,051	0	0
JBG SMITH PROPERTIES	COM	46590V100	2,927,874	154,261	SH	SOLE	1	154,261	0	0
JD.COM INC ADR	ADR	47215P106	1,465,442	26,108	SH	SOLE	1	26,108	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	9,786,494	285,487	SH	SOLE	1	285,487	0	0
JELD WEN HOLDING INC	COM	47580P103	380,808	39,462	SH	SOLE	1	39,462	0	0
JETBLUE AIRWAYS CORP	COM	477143101	3,268,434	504,388	SH	SOLE	1	504,388	0	0
JM SMUCKER CO/THE	COM	832696405	5,027,619	31,728	SH	SOLE	1	31,728	0	0
JOANN INC	COM	47768J101	14,863	5,215	SH	SOLE	1	5,215	0	0
JOBY AVIATION INC	COM	G65163100	408,318	121,886	SH	SOLE	1	121,886	0	0
JOHN B. SANFILIPPO SON INC	COM	800422107	394,646	4,853	SH	SOLE	1	4,853	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	1,571,698	17,209	SH	SOLE	1	17,209	0	0
JOHN MARSHALL BANCORP INC	COM	47805L101	157,225	5,463	SH	SOLE	1	5,463	0	0
JOHNSON JOHNSON	COM	478160104	120,788,677	683,774	SH	SOLE	1	683,774	0	0
JOHNSON CONTROLS INTERNATION	COM	G51502105	11,477,760	179,340	SH	SOLE	1	179,340	0	0
JOHNSON OUTDOORS INC A	COM	479167108	166,755	2,522	SH	SOLE	1	2,522	0	0
JOINT CORP/THE	COM	47973J102	107,310	7,676	SH	SOLE	1	7,676	0	0
JONES LANG LASALLE INC	COM	48020Q107	11,781,268	73,924	SH	SOLE	1	73,924	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	22,125	19,932	SH	SOLE	1	19,932	0	0
JOYY INC ADR	ADS RESTG COM A	46591M109	23,693	750	SH	SOLE	1	750	0	0
JPMORGAN CHASE CO	COM	46625H100	102,427,994	763,818	SH	SOLE	1	763,818	0	0
JUNIPER NETWORKS INC	COM	48203R104	2,806,152	87,802	SH	SOLE	1	87,802	0	0
KADANT INC	COM	48282T104	975,189	5,490	SH	SOLE	1	5,490	0	0
KAISER ALUMINUM CORP	COM	483007704	654,395	8,615	SH	SOLE	1	8,615	0	0
KALEYRA INC	COM	483379103	11,246	14,893	SH	SOLE	1	14,893	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	78,274	11,579	SH	SOLE	1	11,579	0	0
KAMAN CORP	COM	483548103	339,674	15,232	SH	SOLE	1	15,232	0	0
KANZHUN LTD ADR	LTD SPONS ADS	48553T106	50,925	2,500	SH	SOLE	1	2,500	0	0
KAR AUCTION SERVICES INC	COM	48238T109	767,210	58,790	SH	SOLE	1	58,790	0	0
KARAT PACKAGING INC	COM	48563L101	38,555	2,683	SH	SOLE	1	2,683	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	2,809,754	14,299	SH	SOLE	1	14,299	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	125,215	36,828	SH	SOLE	1	36,828	0	0
KB HOME	COM	48666K109	5,257,639	165,075	SH	SOLE	1	165,075	0	0
KBR INC	COM	48242W106	11,304,955	214,109	SH	SOLE	1	214,109	0	0
KE HOLDINGS INC ADR	SPON ADS	482497104	131,224	9,400	SH	SOLE	1	9,400	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	285,560	28,134	SH	SOLE	1	28,134	0	0
KELLOGG CO	COM	487836108	6,469,019	90,806	SH	SOLE	1	90,806	0	0
KELLY SERVICES INC A	COM	488152208	310,994	18,402	SH	SOLE	1	18,402	0	0
KEMPER CORP	COM	488401100	4,895,056	99,493	SH	SOLE	1	99,493	0	0
KENNAMETAL INC	COM	489170100	3,925,678	163,162	SH	SOLE	1	163,162	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	878,867	55,872	SH	SOLE	1	55,872	0	0
KEROS THERAPEUTICS INC	COM	492327101	437,078	9,102	SH	SOLE	1	9,102	0	0

KEURIG DR PEPPER INC	COM	49271V100	11,128,595	312,075	SH	SOLE	1	312,075	0	0
KEYCORP	COM	493267108	4,398,672	252,507	SH	SOLE	1	252,507	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	9,997,844	58,443	SH	SOLE	1	58,443	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	175,296	24,900	SH	SOLE	1	24,900	0	0
KFORCE INC	COM	493732101	513,154	9,359	SH	SOLE	1	9,359	0	0
KILROY REALTY CORP	COM	49427F108	6,339,521	163,939	SH	SOLE	1	163,939	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	256,171	11,340	SH	SOLE	1	11,340	0	0
KIMBALL INTERNATIONAL B	COM	494274103	111,183	17,105	SH	SOLE	1	17,105	0	0
KIMBERLY CLARK CORP	COM	494368103	15,147,121	111,581	SH	SOLE	1	111,581	0	0
KIMCO REALTY CORP	COM	49446R109	3,542,609	167,262	SH	SOLE	1	167,262	0	0
KINDER MORGAN INC	COM	49456B101	9,740,781	538,760	SH	SOLE	1	538,760	0	0
KINETIK HOLDINGS INC	CL A	02215L209	259,380	7,841	SH	SOLE	1	7,841	0	0
KINIKA PHARMACEUTICALS A	COM	G5269C101	220,745	14,736	SH	SOLE	1	14,736	0	0
KINNATE BIOPHARMA INC	COM	49705R105	84,314	13,822	SH	SOLE	1	13,822	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	11,397,042	43,580	SH	SOLE	1	43,580	0	0
KIRBY CORP	COM	497266106	6,002,697	93,282	SH	SOLE	1	93,282	0	0
KITE REALTY GROUP TRUST	COM	49803T300	9,305,405	442,062	SH	SOLE	1	442,062	0	0
KKR CO INC	COM	48251W104	273,135	5,884	SH	SOLE	1	5,884	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	433,612	31,061	SH	SOLE	1	31,061	0	0
KLA CORP	COM	482480100	18,728,211	49,673	SH	SOLE	1	49,673	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	13,114,345	250,226	SH	SOLE	1	250,226	0	0
KNOWBE4 INC A	CL A	49926T104	853,844	34,457	SH	SOLE	1	34,457	0	0
KNOWLES CORP	COM	49926D109	801,197	48,794	SH	SOLE	1	48,794	0	0
KODIAK SCIENCES INC	COM	50015M109	112,928	15,772	SH	SOLE	1	15,772	0	0
KOHL'S CORP	COM	500255104	4,586,688	181,651	SH	SOLE	1	181,651	0	0
KONTOOR BRANDS INC	COM	50050N103	1,190,182	29,762	SH	SOLE	1	29,762	0	0
KOPPERS HOLDINGS INC	COM	50060P106	312,484	11,081	SH	SOLE	1	11,081	0	0
KORE GROUP HOLDINGS INC	COM	50066V107	25,104	19,924	SH	SOLE	1	19,924	0	0
KORN FERRY	COM	500643200	1,460,843	28,859	SH	SOLE	1	28,859	0	0
KOSMOS ENERGY LTD	COM	500688106	1,358,541	213,607	SH	SOLE	1	213,607	0	0
KRAFT HEINZ CO/THE	COM	500754106	13,658,205	335,500	SH	SOLE	1	335,500	0	0
KRATOS DEFENSE SECURITY	COM	50077B207	603,348	58,464	SH	SOLE	1	58,464	0	0
KRISPY KREME INC	COM	50101L106	350,653	33,978	SH	SOLE	1	33,978	0	0
KROGER CO	COM	501044101	10,571,478	237,135	SH	SOLE	1	237,135	0	0
KRONOS BIO INC	COM	50107A104	31,177	19,245	SH	SOLE	1	19,245	0	0
KRONOS WORLDWIDE INC	COM	50105F105	98,512	10,480	SH	SOLE	1	10,480	0	0
KRYSTAL BIOTECH INC	COM	501147102	799,488	10,092	SH	SOLE	1	10,092	0	0
KULICKE SOFFA INDUSTRIES	COM	501242101	1,376,309	31,096	SH	SOLE	1	31,096	0	0
KURA ONCOLOGY INC	COM	50127T109	381,558	30,746	SH	SOLE	1	30,746	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	104,324	2,188	SH	SOLE	1	2,188	0	0
KYMERA THERAPEUTICS INC	COM	501575104	446,435	17,886	SH	SOLE	1	17,886	0	0
KYNDRYL HOLDINGS INC	COM	50155Q100	3,534,981	317,894	SH	SOLE	1	317,894	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	10,359,489	49,755	SH	SOLE	1	49,755	0	0
LA Z BOY INC	COM	505336107	533,281	23,369	SH	SOLE	1	23,369	0	0
LABORATORY CRP OF	COM	50540R409	6,499,954	27,603	SH	SOLE	1	27,603	0	0

AMER HLDGS										
LADDER CAPITAL CORP REIT	COM	505743104	539,620	53,747	SH	SOLE	1	53,747	0	0
LAKELAND BANCORP INC	COM	511637100	518,438	29,440	SH	SOLE	1	29,440	0	0
LAKELAND FINANCIAL CORP	COM	511656100	977,433	13,395	SH	SOLE	1	13,395	0	0
LAM RESEARCH CORP	COM	512807108	19,919,698	47,394	SH	SOLE	1	47,394	0	0
LAMAR ADVERTISING CO A	COM	512816109	12,864,926	136,281	SH	SOLE	1	136,281	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	3,567,609	39,924	SH	SOLE	1	39,924	0	0
LANCASTER COLONY CORP	COM	513847103	7,870,494	39,891	SH	SOLE	1	39,891	0	0
LANDS END INC	COM	51509F105	54,807	7,221	SH	SOLE	1	7,221	0	0
LANDSEA HOMES CORP	COM	51509P103	23,278	4,468	SH	SOLE	1	4,468	0	0
LANDSTAR SYSTEM INC	COM	515098101	9,140,156	56,109	SH	SOLE	1	56,109	0	0
LANTHEUS HOLDINGS INC	COM	516544103	7,074,216	138,819	SH	SOLE	1	138,819	0	0
LAS VEGAS SANDS CORP	COM	517834107	4,306,543	89,589	SH	SOLE	1	89,589	0	0
LATCH INC	COM	51818V106	36,498	51,413	SH	SOLE	1	51,413	0	0
LATHAM GROUP INC	COM	51819L107	65,595	20,371	SH	SOLE	1	20,371	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	13,892,754	214,130	SH	SOLE	1	214,130	0	0
LAUREATE EDUCATION INC	COM	518613203	611,899	63,607	SH	SOLE	1	63,607	0	0
LAZARD LTD CL A	CL A	G54050102	29,504	851	SH	SOLE	1	851	0	0
LCI INDUSTRIES	COM	50189K103	1,252,328	13,546	SH	SOLE	1	13,546	0	0
LEAFLY HOLDINGS INC	COM	52178J105	9,408	14,431	SH	SOLE	1	14,431	0	0
LEAR CORP	COM	521865204	11,416,165	92,051	SH	SOLE	1	92,051	0	0
LEGACY HOUSING CORP	COM	52472M101	78,456	4,138	SH	SOLE	1	4,138	0	0
LEGALZOOMCOM INC	COM	52466B103	351,241	45,380	SH	SOLE	1	45,380	0	0
LEGEND BIOTECH CORP ADR	SPONS ADS	52490G102	29,952	600	SH	SOLE	1	600	0	0
LEGGETT PLATT INC	COM	524660107	6,655,012	206,485	SH	SOLE	1	206,485	0	0
LEIDOS HOLDINGS INC	COM	525327102	3,908,545	37,157	SH	SOLE	1	37,157	0	0
LEMAITRE VASCULAR INC	COM	525558201	486,938	10,581	SH	SOLE	1	10,581	0	0
LEMONADE INC	COM	52567D107	303,573	22,191	SH	SOLE	1	22,191	0	0
LENDINGCLUB CORP	COM	52603A208	433,277	49,236	SH	SOLE	1	49,236	0	0
LENDINGTREE INC	COM	52603B107	122,178	5,728	SH	SOLE	1	5,728	0	0
LENNAR CORP B SHS	COM	526057302	11,367	152	SH	SOLE	1	152	0	0
LENNAR CORP A	COM	526057104	6,237,441	68,922	SH	SOLE	1	68,922	0	0
LENNOX INTERNATIONAL INC	COM	526107107	12,015,088	50,224	SH	SOLE	1	50,224	0	0
LESLIE S INC	COM	527064109	156,093	12,784	SH	SOLE	1	12,784	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	75,241	39,393	SH	SOLE	1	39,393	0	0
LGI HOMES INC	COM	50187T106	1,032,675	11,152	SH	SOLE	1	11,152	0	0
LHC GROUP INC	COM	50187A107	10,043,374	62,115	SH	SOLE	1	62,115	0	0
LI AUTO INC ADR	SPNSRD ADS	50202M102	148,063	7,258	SH	SOLE	1	7,258	0	0
LI CYCLE HOLDINGS CORP	COM	50202P105	307,753	64,654	SH	SOLE	1	64,654	0	0
LIBERTY BROADBAND A	COM	530307107	16,687	220	SH	SOLE	1	220	0	0
LIBERTY BROADBAND C	COM	530307305	114,786	1,505	SH	SOLE	1	1,505	0	0
LIBERTY ENERGY INC	COM	53115L104	1,054,210	65,847	SH	SOLE	1	65,847	0	0
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	136,233	18,092	SH	SOLE	1	18,092	0	0

LIBERTY LATIN AMERIC CL C	COM	G9001E128	524,841	69,058	SH	SOLE	1	69,058	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	34,436	876	SH	SOLE	1	876	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	70,747	1,808	SH	SOLE	1	1,808	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	154,725	4,736	SH	SOLE	1	4,736	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	574,403	17,822	SH	SOLE	1	17,822	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	12,182	228	SH	SOLE	1	228	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	130,141	2,177	SH	SOLE	1	2,177	0	0
LIFE STORAGE INC	COM	53223X107	13,038,445	132,370	SH	SOLE	1	132,370	0	0
LIFE TIME GROUP HOLDINGS INC	COM	53190C102	237,872	19,889	SH	SOLE	1	19,889	0	0
LIFECORE BIOMEDICAL INC	COM	514766104	80,307	12,393	SH	SOLE	1	12,393	0	0
LIFESTANCE HEALTH GROUP INC	COM	53228F101	168,844	34,179	SH	SOLE	1	34,179	0	0
LIFETIME BRANDS INC	COM	53222Q103	45,927	6,051	SH	SOLE	1	6,051	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	553,438	8,285	SH	SOLE	1	8,285	0	0
LIGHT WONDER INC	COM	80874P109	11,111,263	189,612	SH	SOLE	1	189,612	0	0
LIGHTNING EMOTORS INC	COM	53228T101	6,869	18,743	SH	SOLE	1	18,743	0	0
LIGHTWAVE LOGIC INC	COM	532275104	230,335	53,442	SH	SOLE	1	53,442	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	13,031,264	90,188	SH	SOLE	1	90,188	0	0
LINCOLN NATIONAL CORP	COM	534187109	1,290,854	42,020	SH	SOLE	1	42,020	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	122,322	15,886	SH	SOLE	1	15,886	0	0
LINDE PLC	COM	G5494J103	49,058,777	150,404	SH	SOLE	1	150,404	0	0
LINDSAY CORP	COM	535555106	974,006	5,981	SH	SOLE	1	5,981	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	157,488	27,581	SH	SOLE	1	27,581	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	296,630	54,628	SH	SOLE	1	54,628	0	0
LIQUIDIA CORP	COM	53635D202	143,803	22,575	SH	SOLE	1	22,575	0	0
LIQUIDITY SERVICES INC	COM	53635B107	189,191	13,456	SH	SOLE	1	13,456	0	0
LITHIA MOTORS INC	CL A	536797103	8,716,806	42,575	SH	SOLE	1	42,575	0	0
LITTELFUSE INC	COM	537008104	8,488,710	38,550	SH	SOLE	1	38,550	0	0
LIVANOVA PLC	COM	G5509L101	6,009,761	108,206	SH	SOLE	1	108,206	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	2,733,180	39,191	SH	SOLE	1	39,191	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	467,738	15,488	SH	SOLE	1	15,488	0	0
LIVENT CORP	COM	53814L108	1,774,669	89,314	SH	SOLE	1	89,314	0	0
LIVEPERSON INC	COM	538146101	387,480	38,213	SH	SOLE	1	38,213	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	842,316	35,935	SH	SOLE	1	35,935	0	0
LIVEVOX HOLDINGS INC	CL A	53838L100	31,764	10,695	SH	SOLE	1	10,695	0	0
LKQ CORP	COM	501889208	4,129,875	77,324	SH	SOLE	1	77,324	0	0
LL FLOORING HOLDINGS INC	COM	55003T107	76,584	13,627	SH	SOLE	1	13,627	0	0
LOCAL BOUNTI CORP	COM	53960E106	42,537	30,602	SH	SOLE	1	30,602	0	0
LOCKHEED MARTIN CORP	COM	539830109	29,695,350	61,040	SH	SOLE	1	61,040	0	0
LOEWS CORP	COM	540424108	3,111,206	53,338	SH	SOLE	1	53,338	0	0
LORDSTOWN MOTORS CORP CL A	COM	54405Q100	95,079	83,403	SH	SOLE	1	83,403	0	0
LOUISIANA PACIFIC	COM	546347105	6,611,989	111,689	SH	SOLE	1	111,689	0	0

CORP										
LOVESAC CO/THE	COM	54738L109	145,024	6,589	SH	SOLE	1	6,589	0	0
LOWE S COS INC	COM	548661107	36,966,392	185,537	SH	SOLE	1	185,537	0	0
LOYALTY VENTURES INC	COM	54911Q107	22,866	9,488	SH	SOLE	1	9,488	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	263,511	1,219	SH	SOLE	1	1,219	0	0
LSB INDUSTRIES INC	COM	502160104	464,995	34,962	SH	SOLE	1	34,962	0	0
LTC PROPERTIES INC	COM	502175102	773,204	21,762	SH	SOLE	1	21,762	0	0
LUCID GROUP INC	COM	549498103	671,307	98,288	SH	SOLE	1	98,288	0	0
LUFAX HOLDING LTD ADR	CL A	54975P102	16,036	8,266	SH	SOLE	1	8,266	0	0
LULU S FASHION LOUNGE HOLDIN	COM	55003A108	19,766	7,875	SH	SOLE	1	7,875	0	0
LULULEMON ATHLETICA INC	COM	550021109	2,654,028	8,284	SH	SOLE	1	8,284	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	1,348,973	258,424	SH	SOLE	1	258,424	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	5,541,289	106,216	SH	SOLE	1	106,216	0	0
LUMINAR TECHNOLOGIES INC	CL A	550424105	588,159	118,820	SH	SOLE	1	118,820	0	0
LUTHER BURBANK CORP	COM	550550107	78,014	7,022	SH	SOLE	1	7,022	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	176,096	12,835	SH	SOLE	1	12,835	0	0
LXP INDUSTRIAL TRUST	COM	529043101	1,484,703	148,174	SH	SOLE	1	148,174	0	0
LYELL IMMUNOPHARMA INC	COM	55083R104	284,006	81,846	SH	SOLE	1	81,846	0	0
LYFT INC A	COM	55087P104	50,086	4,545	SH	SOLE	1	4,545	0	0
LYONDELLBASELL INDU CL A	CL A	N53745100	5,711,052	68,783	SH	SOLE	1	68,783	0	0
M T BANK CORP	COM	55261F104	8,539,682	58,870	SH	SOLE	1	58,870	0	0
M/I HOMES INC	COM	55305B101	671,226	14,535	SH	SOLE	1	14,535	0	0
MACATAWA BANK CORP	COM	554225102	137,048	12,425	SH	SOLE	1	12,425	0	0
MACERICH CO/THE	COM	554382101	4,889,205	434,210	SH	SOLE	1	434,210	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	6,485,114	102,971	SH	SOLE	1	102,971	0	0
MACROGENICS INC	COM	556099109	191,329	28,514	SH	SOLE	1	28,514	0	0
MACY S INC	COM	55616P104	8,715,064	422,037	SH	SOLE	1	422,037	0	0
MADISON SQUARE GARDEN ENTERT	CL A	55826T102	554,660	12,334	SH	SOLE	1	12,334	0	0
MADISON SQUARE GARDEN SPORTS	CL A	55825T103	44,549	243	SH	SOLE	1	243	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	1,747,886	6,022	SH	SOLE	1	6,022	0	0
MAGNITE INC	COM	55955D100	662,998	62,606	SH	SOLE	1	62,606	0	0
MAGNOLIA OIL GAS CORP A	COM	559663109	1,934,953	82,514	SH	SOLE	1	82,514	0	0
MALIBU BOATS INC A	COM	56117J100	513,119	9,627	SH	SOLE	1	9,627	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	11,820,475	97,368	SH	SOLE	1	97,368	0	0
MANITOWOC COMPANY INC	COM	563571405	150,389	16,418	SH	SOLE	1	16,418	0	0
MANNKIND CORP	COM	56400P706	634,582	120,414	SH	SOLE	1	120,414	0	0
MANPOWERGROUP INC	COM	56418H100	6,551,706	78,737	SH	SOLE	1	78,737	0	0
MARATHON DIGITAL HOLDINGS IN	COM	565788106	189,396	55,379	SH	SOLE	1	55,379	0	0
MARATHON OIL CORP	COM	565849106	5,112,576	188,865	SH	SOLE	1	188,865	0	0
MARATHON PETROLEUM CORP	COM	56585A102	16,169,714	138,927	SH	SOLE	1	138,927	0	0
MARAVAI LIFESCIENCES HLDGS A	CL A	56600D107	24,055	1,681	SH	SOLE	1	1,681	0	0
MARCUS MILLICHAP INC	COM	566324109	470,346	13,653	SH	SOLE	1	13,653	0	0

MARCUS CORPORATION	COM	566330106	186,696	12,974	SH	SOLE	1	12,974	0	0
MARINE PRODUCTS CORP	COM	568427108	46,303	3,934	SH	SOLE	1	3,934	0	0
MARINEMAX INC	COM	567908108	359,717	11,522	SH	SOLE	1	11,522	0	0
MARKEL CORP	COM	570535104	201,576	153	SH	SOLE	1	153	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	3,305,404	11,852	SH	SOLE	1	11,852	0	0
MARKETWISE INC	CL A	57064P107	13,527	8,052	SH	SOLE	1	8,052	0	0
MARKFORGED HOLDING CORP	COM	57064N102	62,427	53,816	SH	SOLE	1	53,816	0	0
MARQETA INC A	COM	57142B104	1,254,915	205,387	SH	SOLE	1	205,387	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	13,001,819	87,325	SH	SOLE	1	87,325	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	8,031,254	59,672	SH	SOLE	1	59,672	0	0
MARSH MCLENNAN COS	COM	571748102	26,837,877	162,182	SH	SOLE	1	162,182	0	0
MARTEN TRANSPORT LTD	COM	573075108	625,958	31,646	SH	SOLE	1	31,646	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	5,690,063	16,836	SH	SOLE	1	16,836	0	0
MARVELL TECHNOLOGY INC	COM	573874104	1,697,210	45,821	SH	SOLE	1	45,821	0	0
MASCO CORP	COM	574599106	2,865,351	61,396	SH	SOLE	1	61,396	0	0
MASIMO CORP	COM	574795100	11,168,893	75,491	SH	SOLE	1	75,491	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	848,743	10,529	SH	SOLE	1	10,529	0	0
MASTEC INC	COM	576323109	7,837,646	91,851	SH	SOLE	1	91,851	0	0
MASTERBRAND INC	COM	57638P104	80,513	10,664	SH	SOLE	1	10,664	0	0
MASTERCARD INC A	COM	57636Q104	87,973,256	252,993	SH	SOLE	1	252,993	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	215,342	8,324	SH	SOLE	1	8,324	0	0
MATADOR RESOURCES CO	COM	576485205	12,989,473	226,930	SH	SOLE	1	226,930	0	0
MATCH GROUP INC	COM	57667L107	3,191,120	76,913	SH	SOLE	1	76,913	0	0
MATERION CORP	COM	576690101	971,886	11,106	SH	SOLE	1	11,106	0	0
MATIV HOLDINGS INC	COM	808541106	618,891	29,612	SH	SOLE	1	29,612	0	0
MATSON INC	COM	57686G105	1,271,328	20,338	SH	SOLE	1	20,338	0	0
MATTEL INC	COM	577081102	9,861,649	552,783	SH	SOLE	1	552,783	0	0
MATTERPORT INC	CL A	577096100	296,814	106,005	SH	SOLE	1	106,005	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	495,898	16,291	SH	SOLE	1	16,291	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	1,800,345	34,796	SH	SOLE	1	34,796	0	0
MAXCYTE INC	COM	57777K106	224,717	41,157	SH	SOLE	1	41,157	0	0
MAXIMUS INC	COM	577933104	8,970,826	122,335	SH	SOLE	1	122,335	0	0
MAXLINEAR INC	COM	57776J100	1,341,161	39,504	SH	SOLE	1	39,504	0	0
MBIA INC	COM	55262C100	291,939	22,719	SH	SOLE	1	22,719	0	0
MCCORMICK CO NON VTG SHRS	COM	579780206	6,293,175	75,922	SH	SOLE	1	75,922	0	0
MCDONALD S CORP	COM	580135101	50,479,962	191,553	SH	SOLE	1	191,553	0	0
MCGRATH RENTCORP	COM	580589109	1,131,758	11,462	SH	SOLE	1	11,462	0	0
MCKESSON CORP	COM	58155Q103	13,895,195	37,042	SH	SOLE	1	37,042	0	0
MDC HOLDINGS INC	COM	552676108	982,002	31,076	SH	SOLE	1	31,076	0	0
MDU RESOURCES GROUP INC	COM	552690109	9,608,435	316,692	SH	SOLE	1	316,692	0	0
MEDIAALPHA INC CLASS A	CL A	58450V104	115,967	11,655	SH	SOLE	1	11,655	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	10,374,760	931,307	SH	SOLE	1	931,307	0	0
MEDIFAST INC	COM	58470H101	682,411	5,916	SH	SOLE	1	5,916	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	10,828,874	50,981	SH	SOLE	1	50,981	0	0
MEDTRONIC PLC	COM	G5960L103	26,900,213	346,117	SH	SOLE	1	346,117	0	0

MEIRAGTX HOLDINGS PLC	COM	G59665102	93,203	14,295	SH	SOLE	1	14,295	0	0
MERCADOLIBRE INC	COM	58733R102	2,287,387	2,703	SH	SOLE	1	2,703	0	0
MERCANTILE BANK CORP	COM	587376104	243,835	7,283	SH	SOLE	1	7,283	0	0
MERCER INTERNATIONAL INC	COM	588056101	33,104	2,844	SH	SOLE	1	2,844	0	0
MERCHANTS BANCORP/IN	COM	58844R108	180,989	7,442	SH	SOLE	1	7,442	0	0
MERCK CO. INC.	COM	58933Y105	73,764,331	664,843	SH	SOLE	1	664,843	0	0
MERCURY GENERAL CORP	COM	589400100	497,029	14,533	SH	SOLE	1	14,533	0	0
MERCURY SYSTEMS INC	COM	589378108	4,036,130	90,213	SH	SOLE	1	90,213	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	777,712	23,418	SH	SOLE	1	23,418	0	0
MERIDIANLINK INC	COM	58985J105	149,300	10,874	SH	SOLE	1	10,874	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	2,150,520	30,452	SH	SOLE	1	30,452	0	0
MERITAGE HOMES CORP	COM	59001A102	1,821,964	19,761	SH	SOLE	1	19,761	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	256,557	43,781	SH	SOLE	1	43,781	0	0
MESA LABORATORIES INC	COM	59064R109	459,903	2,767	SH	SOLE	1	2,767	0	0
META PLATFORMS INC CLASS A	COM	30303M102	85,009,740	706,413	SH	SOLE	1	706,413	0	0
METHODE ELECTRONICS INC	COM	591520200	875,376	19,729	SH	SOLE	1	19,729	0	0
METLIFE INC	COM	59156R108	12,420,501	171,625	SH	SOLE	1	171,625	0	0
METROCITY BANKSHARES INC	COM	59165J105	191,015	8,831	SH	SOLE	1	8,831	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	286,192	4,878	SH	SOLE	1	4,878	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	9,164,153	6,340	SH	SOLE	1	6,340	0	0
MFA FINANCIAL INC	COM	55272X607	478,296	48,558	SH	SOLE	1	48,558	0	0
MGE ENERGY INC	COM	55277P104	1,212,499	17,223	SH	SOLE	1	17,223	0	0
MGIC INVESTMENT CORP	COM	552848103	6,013,553	462,581	SH	SOLE	1	462,581	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	2,893,605	86,299	SH	SOLE	1	86,299	0	0
MGP INGREDIENTS INC	COM	55303J106	821,786	7,725	SH	SOLE	1	7,725	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	13,786,773	196,253	SH	SOLE	1	196,253	0	0
MICRON TECHNOLOGY INC	COM	595112103	18,598,508	372,119	SH	SOLE	1	372,119	0	0
MICROSOFT CORP	COM	594918104	583,657,129	2,433,730	SH	SOLE	1	2,433,730	0	0
MICROSTRATEGY INC CL A	CL A	594972408	630,128	4,451	SH	SOLE	1	4,451	0	0
MICROVAST HOLDINGS INC	COM	59516C106	124,793	81,564	SH	SOLE	1	81,564	0	0
MICROVISION INC	COM	594960304	184,071	78,328	SH	SOLE	1	78,328	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	4,906,251	31,252	SH	SOLE	1	31,252	0	0
MID PENN BANCORP INC	COM	59540G107	203,197	6,780	SH	SOLE	1	6,780	0	0
MIDDLEBY CORP	COM	596278101	11,238,897	83,935	SH	SOLE	1	83,935	0	0
MIDDLESEX WATER CO	COM	596680108	743,982	9,457	SH	SOLE	1	9,457	0	0
MIDLAND STATES BANCORP INC	COM	597742105	266,599	10,015	SH	SOLE	1	10,015	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	212,471	6,692	SH	SOLE	1	6,692	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	139,778	5,243	SH	SOLE	1	5,243	0	0
MILLERKNOLL INC	COM	600544100	867,356	41,283	SH	SOLE	1	41,283	0	0
MIMEDX GROUP INC	COM	602496101	148,374	53,372	SH	SOLE	1	53,372	0	0

MINERALS TECHNOLOGIES INC	COM	603158106	1,069,947	17,621	SH	SOLE	1	17,621	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	20,797	459	SH	SOLE	1	459	0	0
MIRION TECHNOLOGIES INC	CL A	60471A101	428,354	64,804	SH	SOLE	1	64,804	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	169,728	8,704	SH	SOLE	1	8,704	0	0
MISSION PRODUCE INC	COM	60510V108	220,315	18,960	SH	SOLE	1	18,960	0	0
MISTER CAR WASH INC	COM	60646V105	61,647	6,679	SH	SOLE	1	6,679	0	0
MITEK SYSTEMS INC	COM	606710200	193,519	19,971	SH	SOLE	1	19,971	0	0
MKS INSTRUMENTS INC	COM	55306N104	7,547,833	89,081	SH	SOLE	1	89,081	0	0
MODEL N INC	COM	607525102	703,473	17,344	SH	SOLE	1	17,344	0	0
MODERNA INC	COM	60770K107	20,986,980	116,841	SH	SOLE	1	116,841	0	0
MODINE MANUFACTURING CO	COM	607828100	467,504	23,540	SH	SOLE	1	23,540	0	0
MODIVCARE INC	COM	60783X104	617,432	6,881	SH	SOLE	1	6,881	0	0
MOELIS CO CLASS A	COM	60786M105	1,157,009	30,154	SH	SOLE	1	30,154	0	0
MOHAWK INDUSTRIES INC	COM	608190104	1,458,986	14,273	SH	SOLE	1	14,273	0	0
MOLINA HEALTHCARE INC	COM	60855R100	6,773,803	20,513	SH	SOLE	1	20,513	0	0
MOLSON COORS BEVERAGE CO B	CL B	60871R209	2,614,949	50,756	SH	SOLE	1	50,756	0	0
MOMENTIVE GLOBAL INC	COM	60878Y108	431,529	61,647	SH	SOLE	1	61,647	0	0
MOMENTUS INC	CL A	60879E101	20,698	26,539	SH	SOLE	1	26,539	0	0
MONARCH CASINO RESORT INC	COM	609027107	555,992	7,231	SH	SOLE	1	7,231	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	28,682,561	430,346	SH	SOLE	1	430,346	0	0
MONEYGRAM INTERNATIONAL INC	COM	60935Y208	483,146	44,366	SH	SOLE	1	44,366	0	0
MONEYLION INC	CL A	60938K106	42,774	68,990	SH	SOLE	1	68,990	0	0
MONGODB INC	COM	60937P106	199,989	1,016	SH	SOLE	1	1,016	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	4,619,561	13,064	SH	SOLE	1	13,064	0	0
MONRO INC	COM	610236101	767,722	16,985	SH	SOLE	1	16,985	0	0
MONSTER BEVERAGE CORP	COM	61174X109	14,074,698	138,626	SH	SOLE	1	138,626	0	0
MONTAUK RENEWABLES INC	COM	61218C103	336,040	30,466	SH	SOLE	1	30,466	0	0
MONTE ROSA THERAPEUTICS INC	COM	61225M102	107,073	14,070	SH	SOLE	1	14,070	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	576,804	12,994	SH	SOLE	1	12,994	0	0
MOODY S CORP	COM	615369105	15,171,695	54,453	SH	SOLE	1	54,453	0	0
MOOG INC CLASS A	COM	615394202	1,367,827	15,586	SH	SOLE	1	15,586	0	0
MORGAN STANLEY	COM	617446448	34,867,127	410,105	SH	SOLE	1	410,105	0	0
MORNINGSTAR INC	COM	617700109	79,922	369	SH	SOLE	1	369	0	0
MORPHIC HOLDING INC	COM	61775R105	325,628	12,173	SH	SOLE	1	12,173	0	0
MOSAIC CO/THE	COM	61945C103	4,599,243	104,838	SH	SOLE	1	104,838	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	122,787	10,353	SH	SOLE	1	10,353	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	12,104,123	46,968	SH	SOLE	1	46,968	0	0
MOVADO GROUP INC	COM	624580106	271,771	8,427	SH	SOLE	1	8,427	0	0
MP MATERIALS CORP	CL A	553368101	3,501,807	144,226	SH	SOLE	1	144,226	0	0
MR COOPER GROUP INC	COM	62482R107	1,515,590	37,767	SH	SOLE	1	37,767	0	0
MRC GLOBAL INC	COM	55345K103	454,828	39,277	SH	SOLE	1	39,277	0	0
MSA SAFETY INC	COM	553498106	8,284,869	57,458	SH	SOLE	1	57,458	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	6,007,564	73,532	SH	SOLE	1	73,532	0	0

MSCI INC	COM	55354G100	11,544,589	24,818	SH	SOLE	1	24,818	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,798,143	30,477	SH	SOLE	1	30,477	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	793,808	73,774	SH	SOLE	1	73,774	0	0
MULLEN AUTOMOTIVE INC	COM	62526P109	44,708	156,323	SH	SOLE	1	156,323	0	0
MULTIPLAN CORP	COM	62548M100	205,568	178,755	SH	SOLE	1	178,755	0	0
MURPHY OIL CORP	COM	626717102	12,722,960	295,814	SH	SOLE	1	295,814	0	0
MURPHY USA INC	COM	626755102	11,756,334	42,056	SH	SOLE	1	42,056	0	0
MVB FINANCIAL CORP	COM	553810102	106,665	4,844	SH	SOLE	1	4,844	0	0
MYERS INDUSTRIES INC	COM	628464109	438,798	19,739	SH	SOLE	1	19,739	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	821,817	8,926	SH	SOLE	1	8,926	0	0
MYRIAD GENETICS INC	COM	62855J104	628,704	43,329	SH	SOLE	1	43,329	0	0
N ABLE INC	COM	62878D100	331,581	32,255	SH	SOLE	1	32,255	0	0
N B T BANCORP INC	COM	628778102	990,019	22,801	SH	SOLE	1	22,801	0	0
NABORS INDUSTRIES LTD	COM	G6359F137	761,496	4,917	SH	SOLE	1	4,917	0	0
NACCO INDUSTRIES CL A	CL A	629579103	72,846	1,917	SH	SOLE	1	1,917	0	0
NANO X IMAGING LTD	LTD ORD SHS	M70700105	159,703	21,640	SH	SOLE	1	21,640	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	175,101	21,970	SH	SOLE	1	21,970	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	381,890	13,897	SH	SOLE	1	13,897	0	0
NASDAQ INC	COM	631103108	7,315,374	119,240	SH	SOLE	1	119,240	0	0
NATERA INC	COM	632307104	58,648	1,460	SH	SOLE	1	1,460	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	693,398	16,482	SH	SOLE	1	16,482	0	0
NATIONAL BEVERAGE CORP	COM	635017106	596,328	12,816	SH	SOLE	1	12,816	0	0
NATIONAL ENERGY SERVICES REU	COM	G6375R107	125,232	18,045	SH	SOLE	1	18,045	0	0
NATIONAL FUEL GAS CO	COM	636180101	9,018,161	142,467	SH	SOLE	1	142,467	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	354,025	5,950	SH	SOLE	1	5,950	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	7,506,973	203,441	SH	SOLE	1	203,441	0	0
NATIONAL PRESTO INDS INC	COM	637215104	190,456	2,782	SH	SOLE	1	2,782	0	0
NATIONAL RESEARCH CORP	COM	637372202	248,269	6,656	SH	SOLE	1	6,656	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	12,737,799	278,361	SH	SOLE	1	278,361	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	4,753,934	131,615	SH	SOLE	1	131,615	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	1,654,161	42,677	SH	SOLE	1	42,677	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	301,794	1,074	SH	SOLE	1	1,074	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,031,867	19,760	SH	SOLE	1	19,760	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	40,079	4,385	SH	SOLE	1	4,385	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	52,807	6,347	SH	SOLE	1	6,347	0	0
NAUTILUS BIOTECHNOLOGY INC	COM	63909J108	40,585	22,547	SH	SOLE	1	22,547	0	0
NAVIENT CORP	COM	63938C108	3,521,007	214,043	SH	SOLE	1	214,043	0	0
NCINO INC	COM	63947X101	20,755	785	SH	SOLE	1	785	0	0
NCR CORPORATION	COM	62886E108	5,007,867	213,920	SH	SOLE	1	213,920	0	0
NECESSITY RETAIL REIT INC/TH	COM	02607T109	374,912	63,223	SH	SOLE	1	63,223	0	0

NEKTAR THERAPEUTICS	COM	640268108	223,930	99,084	SH	SOLE	1	99,084	0	0
NELNET INC CL A	CL A	64031N108	625,812	6,896	SH	SOLE	1	6,896	0	0
NEOGAMES SA	CL A	L6673X107	75,005	6,153	SH	SOLE	1	6,153	0	0
NEOGEN CORP	COM	640491106	6,655,388	436,992	SH	SOLE	1	436,992	0	0
NEOGENOMICS INC	COM	64049M209	632,376	68,439	SH	SOLE	1	68,439	0	0
NERDWALLET INC CL A	CL A	64082B102	118,042	12,296	SH	SOLE	1	12,296	0	0
NERDY INC	CL A	64081V109	59,414	26,406	SH	SOLE	1	26,406	0	0
NETAPP INC	COM	64110D104	8,927,919	148,650	SH	SOLE	1	148,650	0	0
NETFLIX INC	COM	64110L106	44,491,494	150,880	SH	SOLE	1	150,880	0	0
NETGEAR INC	COM	64111Q104	279,455	15,431	SH	SOLE	1	15,431	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	1,219,353	37,507	SH	SOLE	1	37,507	0	0
NETSTREIT CORP	COM	64119V303	477,900	26,072	SH	SOLE	1	26,072	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	17,938,216	150,186	SH	SOLE	1	150,186	0	0
NEVRO CORP	COM	64157F103	653,756	16,509	SH	SOLE	1	16,509	0	0
NEW FORTRESS ENERGY INC	CL A	644393100	35,802	844	SH	SOLE	1	844	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	9,647,517	194,428	SH	SOLE	1	194,428	0	0
NEW RELIC INC	COM	64829B100	46,063	816	SH	SOLE	1	816	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	9,110,814	1,059,397	SH	SOLE	1	1,059,397	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	515,072	201,200	SH	SOLE	1	201,200	0	0
NEW YORK TIMES CO A	COM	650111107	8,322,387	256,389	SH	SOLE	1	256,389	0	0
NEWELL BRANDS INC	COM	651229106	1,332,760	101,893	SH	SOLE	1	101,893	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	509,538	63,932	SH	SOLE	1	63,932	0	0
NEWMARKET CORP	COM	651587107	3,296,833	10,597	SH	SOLE	1	10,597	0	0
NEWMONT CORP	COM	651639106	11,600,297	245,769	SH	SOLE	1	245,769	0	0
NEWPARK RESOURCES INC	COM	651718504	169,341	40,805	SH	SOLE	1	40,805	0	0
NEWS CORP CLASS A	COM	65249B109	1,883,209	103,473	SH	SOLE	1	103,473	0	0
NEWS CORP CLASS B	COM	65249B208	588,586	31,919	SH	SOLE	1	31,919	0	0
NEXPOINT REAL ESTATE FINANCE	COM	65342V101	60,398	3,801	SH	SOLE	1	3,801	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	535,688	12,309	SH	SOLE	1	12,309	0	0
NEXSTAR MEDIA GROUP INC	CL A	65336K103	10,279,512	58,730	SH	SOLE	1	58,730	0	0
NEXTDECADE CORP	COM	65342K105	84,543	17,114	SH	SOLE	1	17,114	0	0
NEXTERA ENERGY INC	COM	65339F101	43,260,241	517,467	SH	SOLE	1	517,467	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	575,419	30,640	SH	SOLE	1	30,640	0	0
NEXTIER OILFIELD SOLUTIONS I	COM	65290C105	767,761	83,091	SH	SOLE	1	83,091	0	0
NEXTNAV INC	COM	65345N106	92,814	31,677	SH	SOLE	1	31,677	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	96,002	19,124	SH	SOLE	1	19,124	0	0
NI HOLDINGS INC	COM	65342T106	53,093	4,001	SH	SOLE	1	4,001	0	0
NICOLET BANKSHARES INC	COM	65406E102	463,899	5,814	SH	SOLE	1	5,814	0	0
NIKE INC CL B	COM	654106103	38,382,556	328,028	SH	SOLE	1	328,028	0	0
NIKOLA CORP	COM	654110105	346,252	160,302	SH	SOLE	1	160,302	0	0
NIO INC ADR	ADR	62914V106	189,433	19,429	SH	SOLE	1	19,429	0	0
NISOURCE INC	COM	65473P105	3,014,445	109,936	SH	SOLE	1	109,936	0	0
NKARTA INC	COM	65487U108	92,821	15,496	SH	SOLE	1	15,496	0	0
NL INDUSTRIES	COM	629156407	26,940	3,956	SH	SOLE	1	3,956	0	0
NLIGHT INC	COM	65487K100	213,102	21,016	SH	SOLE	1	21,016	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	934,982	44,736	SH	SOLE	1	44,736	0	0

NOBLE CORP PLC	ORD SHS A	G65431127	1,504,440	39,895	SH	SOLE	1	39,895	0	0
NOODLES CO	COM	65540B105	106,215	19,347	SH	SOLE	1	19,347	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	297,150	97,108	SH	SOLE	1	97,108	0	0
NORDSON CORP	COM	655663102	3,485,213	14,661	SH	SOLE	1	14,661	0	0
NORDSTROM INC	COM	655664100	2,807,940	173,974	SH	SOLE	1	173,974	0	0
NORFOLK SOUTHERN CORP	COM	655844108	17,765,650	72,095	SH	SOLE	1	72,095	0	0
NORTHEAST BANK	COM	66405S100	130,300	3,095	SH	SOLE	1	3,095	0	0
NORTHERN OIL AND GAS INC	COM	665531307	963,063	31,248	SH	SOLE	1	31,248	0	0
NORTHERN TRUST CORP	COM	665859104	5,207,548	58,849	SH	SOLE	1	58,849	0	0
NORTHFIELD BANCORP INC	COM	66611T108	364,354	23,163	SH	SOLE	1	23,163	0	0
NORTHROP GRUMMAN CORP	COM	666807102	20,660,068	37,866	SH	SOLE	1	37,866	0	0
NORTHWEST BANCSHARES INC	COM	667340103	928,705	66,431	SH	SOLE	1	66,431	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	898,356	18,877	SH	SOLE	1	18,877	0	0
NORTHWEST PIPE CO	COM	667746101	155,795	4,623	SH	SOLE	1	4,623	0	0
NORTHWESTERN CORP	COM	668074305	6,933,404	116,842	SH	SOLE	1	116,842	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	1,397,686	114,190	SH	SOLE	1	114,190	0	0
NOV INC	COM	62955J103	12,779,562	611,755	SH	SOLE	1	611,755	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	676,583	113,141	SH	SOLE	1	113,141	0	0
NOVANTA INC	COM	67000B104	9,785,901	72,024	SH	SOLE	1	72,024	0	0
NOVAVAX INC	COM	670002401	12,285	1,195	SH	SOLE	1	1,195	0	0
NOVOCURE LTD	COM	G6674U108	116,040	1,582	SH	SOLE	1	1,582	0	0
NOW INC	COM	67011P100	761,517	59,962	SH	SOLE	1	59,962	0	0
NRG ENERGY INC	COM	629377508	1,990,214	62,546	SH	SOLE	1	62,546	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	1,127,148	26,735	SH	SOLE	1	26,735	0	0
NUCOR CORP	COM	670346105	10,705,740	81,221	SH	SOLE	1	81,221	0	0
NURIX THERAPEUTICS INC	COM	67080M103	241,000	21,949	SH	SOLE	1	21,949	0	0
NUSCALE POWER CORP	CL A	67079K100	152,135	14,828	SH	SOLE	1	14,828	0	0
NUTANIX INC A	COM	67059N108	77,186	2,963	SH	SOLE	1	2,963	0	0
NUTEX HEALTH INC	COM	67079U108	225,234	118,544	SH	SOLE	1	118,544	0	0
NUVALENT INC A	COM	670703107	283,565	9,522	SH	SOLE	1	9,522	0	0
NUVASIVE INC	COM	670704105	1,172,989	28,443	SH	SOLE	1	28,443	0	0
NUVATION BIO INC	CL A	67080N101	105,713	55,059	SH	SOLE	1	55,059	0	0
NV5 GLOBAL INC	COM	62945V109	962,628	7,275	SH	SOLE	1	7,275	0	0
NVENT ELECTRIC PLC	COM	G6700G107	9,980,464	259,435	SH	SOLE	1	259,435	0	0
NVIDIA CORP	COM	67066G104	124,544,454	852,227	SH	SOLE	1	852,227	0	0
NVR INC	COM	62944T105	3,791,541	822	SH	SOLE	1	822	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	14,066,724	89,013	SH	SOLE	1	89,013	0	0
O I GLASS INC	COM	67098H104	1,401,259	84,566	SH	SOLE	1	84,566	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	19,021,904	22,537	SH	SOLE	1	22,537	0	0
OAK STREET HEALTH INC	COM	67181A107	25,769	1,198	SH	SOLE	1	1,198	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	13,646,909	216,652	SH	SOLE	1	216,652	0	0
OCEANEERING INTL INC	COM	675232102	951,106	54,380	SH	SOLE	1	54,380	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	583,568	27,462	SH	SOLE	1	27,462	0	0
OCUGEN INC	COM	67577C105	133,593	102,764	SH	SOLE	1	102,764	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	102,422	36,449	SH	SOLE	1	36,449	0	0

ODP CORP/THE	COM	88337F105	991,725	21,777	SH	SOLE	1	21,777	0	0
OFFERPAD SOLUTIONS INC	CL A	67623L109	14,872	32,295	SH	SOLE	1	32,295	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	348,382	26,096	SH	SOLE	1	26,096	0	0
OFG BANCORP	COM	67103X102	699,886	25,395	SH	SOLE	1	25,395	0	0
OGE ENERGY CORP	COM	670837103	12,331,650	311,799	SH	SOLE	1	311,799	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	255,721	34,279	SH	SOLE	1	34,279	0	0
OKTA INC	COM	679295105	113,359	1,659	SH	SOLE	1	1,659	0	0
OLAPLEX HOLDINGS INC	COM	679369108	9,915	1,903	SH	SOLE	1	1,903	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	10,908,503	38,440	SH	SOLE	1	38,440	0	0
OLD NATIONAL BANCORP	COM	680033107	10,642,434	591,904	SH	SOLE	1	591,904	0	0
OLD REPUBLIC INTL CORP	COM	680223104	10,643,412	440,721	SH	SOLE	1	440,721	0	0
OLD SECOND BANCORP INC	COM	680277100	321,442	20,040	SH	SOLE	1	20,040	0	0
OLIN CORP	COM	680665205	10,501,443	198,365	SH	SOLE	1	198,365	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	4,249,137	90,716	SH	SOLE	1	90,716	0	0
OLO INC CLASS A	CL A	68134L109	265,875	42,540	SH	SOLE	1	42,540	0	0
OLYMPIC STEEL INC	COM	68162K106	175,086	5,214	SH	SOLE	1	5,214	0	0
OMEGA FLEX INC	COM	682095104	143,993	1,543	SH	SOLE	1	1,543	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	10,194,315	364,734	SH	SOLE	1	364,734	0	0
OMNIAB INC	COM	68218J103	131,227	36,452	SH	SOLE	1	36,452	0	0
OMNICELL INC	COM	68213N109	4,541,834	90,080	SH	SOLE	1	90,080	0	0
OMNICOM GROUP	COM	681919106	4,502,175	55,194	SH	SOLE	1	55,194	0	0
ON SEMICONDUCTOR	COM	682189105	8,288,037	132,885	SH	SOLE	1	132,885	0	0
ON24 INC	COM	68339B104	169,830	19,679	SH	SOLE	1	19,679	0	0
ONCOLOGY INSTITUTE INC/THE	COM	68236X100	27,157	16,459	SH	SOLE	1	16,459	0	0
ONDAS HOLDINGS INC	COM	68236H204	26,761	16,831	SH	SOLE	1	16,831	0	0
ONE GAS INC	COM	68235P108	8,269,078	109,206	SH	SOLE	1	109,206	0	0
ONE GROUP HOSPITALITY INC/TH	COM	88338K103	67,253	10,675	SH	SOLE	1	10,675	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	171,516	7,719	SH	SOLE	1	7,719	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	39,306	1,180	SH	SOLE	1	1,180	0	0
ONEOK INC	COM	682680103	8,017,174	122,027	SH	SOLE	1	122,027	0	0
ONESPAN INC	COM	68287N100	237,597	21,233	SH	SOLE	1	21,233	0	0
ONESP WORLD HOLDINGS LTD	COM	P73684113	292,906	31,394	SH	SOLE	1	31,394	0	0
ONEWATER MARINE INC CL A	CL A	68280L101	152,524	5,333	SH	SOLE	1	5,333	0	0
ONTO INNOVATION INC	COM	683344105	1,834,617	26,944	SH	SOLE	1	26,944	0	0
OOMA INC	COM	683416101	147,573	10,835	SH	SOLE	1	10,835	0	0
OPEN LENDING CORP CL A	CL A	68373J104	336,879	49,908	SH	SOLE	1	49,908	0	0
OPENDOOR TECHNOLOGIES INC	COM	683712103	6,325	5,453	SH	SOLE	1	5,453	0	0
OPKO HEALTH INC	COM	68375N103	238,725	190,980	SH	SOLE	1	190,980	0	0
OPORTUN FINANCIAL CORP	COM	68376D104	73,349	13,312	SH	SOLE	1	13,312	0	0
OPPENHEIMER HOLDINGS CL A	CL A	683797104	157,891	3,730	SH	SOLE	1	3,730	0	0
OPPFI INC	CL A	68386H103	13,360	6,517	SH	SOLE	1	6,517	0	0
OPTIMIZERX CORP	COM	68401U204	153,098	9,113	SH	SOLE	1	9,113	0	0
OPTION CARE HEALTH INC	COM	68404L201	9,422,954	313,159	SH	SOLE	1	313,159	0	0

ORACLE CORP	COM	68389X105	32,846,565	401,842	SH	SOLE	1	401,842	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	188,322	39,071	SH	SOLE	1	39,071	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X301	166,793	15,885	SH	SOLE	1	15,885	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	103,697	38,549	SH	SOLE	1	38,549	0	0
ORGANON CO	COM	68622V106	1,923,036	68,852	SH	SOLE	1	68,852	0	0
ORIGIN BANCORP INC	COM	68621T102	390,011	10,627	SH	SOLE	1	10,627	0	0
ORIGIN MATERIALS INC	COM	68622D106	229,108	49,698	SH	SOLE	1	49,698	0	0
ORION ENGINEERED CARBONS SA	COM	L72967109	509,669	28,617	SH	SOLE	1	28,617	0	0
ORION OFFICE REIT INC	COM	68629Y103	264,595	30,983	SH	SOLE	1	30,983	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	8,534,625	98,689	SH	SOLE	1	98,689	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	112,233	4,846	SH	SOLE	1	4,846	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	217,023	10,571	SH	SOLE	1	10,571	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	285,023	7,174	SH	SOLE	1	7,174	0	0
OSCAR HEALTH INC CLASS A	CL A	687793109	140,419	57,081	SH	SOLE	1	57,081	0	0
OSHKOSH CORP	COM	688239201	8,982,152	101,850	SH	SOLE	1	101,850	0	0
OSI SYSTEMS INC	COM	671044105	690,313	8,681	SH	SOLE	1	8,681	0	0
OTIS WORLDWIDE CORP	COM	68902V107	9,096,881	116,165	SH	SOLE	1	116,165	0	0
OTTER TAIL CORP	COM	689648103	1,142,438	19,459	SH	SOLE	1	19,459	0	0
OUSTER INC	COM	68989M103	59,232	68,635	SH	SOLE	1	68,635	0	0
OUTBRAIN INC	COM	69002R103	62,416	17,242	SH	SOLE	1	17,242	0	0
OUTFRONT MEDIA INC	COM	69007J106	1,319,254	79,569	SH	SOLE	1	79,569	0	0
OUTLOOK THERAPEUTICS INC	COM	69012T206	60,516	56,033	SH	SOLE	1	56,033	0	0
OUTSET MEDICAL INC	COM	690145107	591,794	22,920	SH	SOLE	1	22,920	0	0
OVERSTOCK.COM INC	COM	690370101	390,065	20,148	SH	SOLE	1	20,148	0	0
OVINTIV INC	COM	69047Q102	175,000	3,451	SH	SOLE	1	3,451	0	0
OWENS MINOR INC	COM	690732102	786,727	40,283	SH	SOLE	1	40,283	0	0
OWENS CORNING	COM	690742101	12,415,415	145,550	SH	SOLE	1	145,550	0	0
OWLET INC	CL A	69120X107	4,357	7,792	SH	SOLE	1	7,792	0	0
OXFORD INDUSTRIES INC	COM	691497309	764,728	8,207	SH	SOLE	1	8,207	0	0
OZON HOLDINGS PLC ADR	SPNSRD ADS	69269L104	0	701	SH	SOLE	1	701	0	0
P G E CORP	COM	69331C108	7,140,221	439,128	SH	SOLE	1	439,128	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	80,782	3,119	SH	SOLE	1	3,119	0	0
P3 HEALTH PARTNERS INC	CL A	744413105	21,156	11,498	SH	SOLE	1	11,498	0	0
PACCAR INC	COM	693718108	12,578,295	127,092	SH	SOLE	1	127,092	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	874,058	106,853	SH	SOLE	1	106,853	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,611,201	51,052	SH	SOLE	1	51,052	0	0
PACIRA BIOSCIENCES INC	COM	695127100	945,366	24,485	SH	SOLE	1	24,485	0	0
PACKAGING CORP OF AMERICA	COM	695156109	3,951,524	30,893	SH	SOLE	1	30,893	0	0
PACTIV EVERGREEN INC	COM	69526K105	232,289	20,448	SH	SOLE	1	20,448	0	0
PACWEST BANCORP	COM	695263103	4,210,453	183,462	SH	SOLE	1	183,462	0	0
PAGERDUTY INC	COM	69553P100	1,086,463	40,906	SH	SOLE	1	40,906	0	0
PALANTIR TECHNOLOGIES INC A	CL A	69608A108	180,890	28,176	SH	SOLE	1	28,176	0	0
PALO ALTO NETWORKS INC	COM	697435105	2,267,385	16,249	SH	SOLE	1	16,249	0	0

PALOMAR HOLDINGS INC	COM	69753M105	599,047	13,265	SH	SOLE	1	13,265	0	0
PAPA JOHN S INTL INC	COM	698813102	5,364,225	65,171	SH	SOLE	1	65,171	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	628,750	27,043	SH	SOLE	1	27,043	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	326,996	12,543	SH	SOLE	1	12,543	0	0
PARAGON 28 INC	COM	69913P105	416,827	21,812	SH	SOLE	1	21,812	0	0
PARAMOUNT GLOBAL CLASS A	CL A	92556H107	1,843	94	SH	SOLE	1	94	0	0
PARAMOUNT GLOBAL CLASS B	CL B	92556H206	2,320,055	137,444	SH	SOLE	1	137,444	0	0
PARAMOUNT GROUP INC	COM	69924R108	526,284	88,600	SH	SOLE	1	88,600	0	0
PARDES BIOSCIENCES INC	COM	69945Q105	27,447	16,241	SH	SOLE	1	16,241	0	0
PARK AEROSPACE CORP	COM	70014A104	142,669	10,639	SH	SOLE	1	10,639	0	0
PARK HOTELS RESORTS INC	COM	700517105	4,128,375	350,159	SH	SOLE	1	350,159	0	0
PARK NATIONAL CORP	COM	700658107	1,098,976	7,808	SH	SOLE	1	7,808	0	0
PARKE BANCORP INC	COM	700885106	99,158	4,781	SH	SOLE	1	4,781	0	0
PARKER HANNIFIN CORP	COM	701094104	11,605,662	39,882	SH	SOLE	1	39,882	0	0
PARSONS CORP	COM	70202L102	736,115	15,916	SH	SOLE	1	15,916	0	0
PARTY CITY HOLDCO INC	COM	702149105	18,854	51,583	SH	SOLE	1	51,583	0	0
PATHWARD FINANCIAL INC	COM	59100U108	671,881	15,607	SH	SOLE	1	15,607	0	0
PATRICK INDUSTRIES INC	COM	703343103	712,050	11,750	SH	SOLE	1	11,750	0	0
PATTERSON COS INC	COM	703395103	4,912,594	175,262	SH	SOLE	1	175,262	0	0
PATTERSON UTI ENERGY INC	COM	703481101	1,966,373	116,768	SH	SOLE	1	116,768	0	0
PAYA HOLDINGS INC	CL A	70434P103	325,771	41,394	SH	SOLE	1	41,394	0	0
PAYCHEX INC	COM	704326107	14,777,466	127,877	SH	SOLE	1	127,877	0	0
PAYCOM SOFTWARE INC	COM	70432V102	5,049,985	16,274	SH	SOLE	1	16,274	0	0
PAYCOR HCM INC	COM	70435P102	13,777	563	SH	SOLE	1	563	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	12,500,242	64,348	SH	SOLE	1	64,348	0	0
PAYONEER GLOBAL INC	COM	70451X104	647,659	118,402	SH	SOLE	1	118,402	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	28,186,027	395,760	SH	SOLE	1	395,760	0	0
PAYSAFE LTD	LTD SHS	G6964L206	185,195	13,333	SH	SOLE	1	13,333	0	0
PBF ENERGY INC CLASS A	COM	69318G106	9,104,991	223,271	SH	SOLE	1	223,271	0	0
PC CONNECTION INC	COM	69318J100	286,887	6,117	SH	SOLE	1	6,117	0	0
PCB BANCORP	COM	69320M109	96,393	5,449	SH	SOLE	1	5,449	0	0
PCSB FINANCIAL CORP	COM	69324R104	112,603	5,914	SH	SOLE	1	5,914	0	0
PDC ENERGY INC	COM	69327R101	9,122,203	143,702	SH	SOLE	1	143,702	0	0
PDF SOLUTIONS INC	COM	693282105	465,047	16,306	SH	SOLE	1	16,306	0	0
PEABODY ENERGY CORP	COM	704551100	1,471,568	55,699	SH	SOLE	1	55,699	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	301,296	8,095	SH	SOLE	1	8,095	0	0
PEAR THERAPEUTICS INC	CL A	704723105	38,251	32,416	SH	SOLE	1	32,416	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	3,546,475	264,860	SH	SOLE	1	264,860	0	0
PEDIATRIX MEDICAL GROUP INC	COM	58502B106	660,780	44,467	SH	SOLE	1	44,467	0	0
PEGASYSTEMS INC	COM	705573103	21,674	633	SH	SOLE	1	633	0	0
PELOTON INTERACTIVE INC A	CL A	70614W100	25,170	3,170	SH	SOLE	1	3,170	0	0
PENN ENTERTAINMENT INC	COM	707569109	7,174,926	241,580	SH	SOLE	1	241,580	0	0
PENNANT GROUP	COM	70805E109	155,883	14,197	SH	SOLE	1	14,197	0	0

INC/THE											
PENNYMAC FINANCIAL SERVICES	COM	70932M107	717,712	12,667	SH	SOLE	1	12,667	0	0	
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	599,081	48,352	SH	SOLE	1	48,352	0	0	
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	30,456	265	SH	SOLE	1	265	0	0	
PENTAIR PLC	COM	G7500T104	2,002,869	44,528	SH	SOLE	1	44,528	0	0	
PENUMBRA INC	COM	70975L107	13,192,990	59,305	SH	SOLE	1	59,305	0	0	
PEOPLES BANCORP INC	COM	709789101	371,798	13,161	SH	SOLE	1	13,161	0	0	
PEOPLES FINANCIAL SERVICES	COM	711040105	171,590	3,310	SH	SOLE	1	3,310	0	0	
PEPGEN INC	COM	713317105	95,087	7,112	SH	SOLE	1	7,112	0	0	
PEPSICO INC	COM	713448108	89,878,169	497,499	SH	SOLE	1	497,499	0	0	
PERDOCEO EDUCATION CORP	COM	71363P106	508,017	36,548	SH	SOLE	1	36,548	0	0	
PERELLA WEINBERG PARTNERS	CL A	71367G102	171,196	17,469	SH	SOLE	1	17,469	0	0	
PERFICIENT INC	COM	71375U101	1,299,187	18,605	SH	SOLE	1	18,605	0	0	
PERFORMANCE FOOD GROUP CO	COM	71377A103	14,168,392	242,651	SH	SOLE	1	242,651	0	0	
PERIMETER SOLUTIONS SA	COM	L7579L106	507,562	55,532	SH	SOLE	1	55,532	0	0	
PERKINELMER INC	COM	714046109	4,790,757	34,166	SH	SOLE	1	34,166	0	0	
PERMIAN RESOURCES CORP	CL A	71424F105	924,471	98,348	SH	SOLE	1	98,348	0	0	
PERRIGO CO PLC	COM	G97822103	7,148,332	209,690	SH	SOLE	1	209,690	0	0	
PETCO HEALTH AND WELLNESS CO	COM	71601V105	7,849	828	SH	SOLE	1	828	0	0	
PETIQ INC	COM	71639T106	118,237	12,824	SH	SOLE	1	12,824	0	0	
PETMED EXPRESS INC	COM	716382106	195,284	11,033	SH	SOLE	1	11,033	0	0	
PFIZER INC	COM	717081103	75,422,718	1,471,950	SH	SOLE	1	1,471,950	0	0	
PFSWEB INC	COM	717098206	49,108	7,985	SH	SOLE	1	7,985	0	0	
PGT INNOVATIONS INC	COM	69336V101	566,782	31,558	SH	SOLE	1	31,558	0	0	
PHATHOM PHARMACEUTICALS INC	COM	71722W107	130,197	11,604	SH	SOLE	1	11,604	0	0	
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	148,583	11,080	SH	SOLE	1	11,080	0	0	
PHILIP MORRIS INTERNATIONAL	COM	718172109	41,010,494	405,202	SH	SOLE	1	405,202	0	0	
PHILLIPS 66	COM	718546104	15,105,755	145,136	SH	SOLE	1	145,136	0	0	
PHILLIPS EDISON COMPANY IN	COM	71844V201	1,764,828	55,428	SH	SOLE	1	55,428	0	0	
PHOTRONICS INC	COM	719405102	550,341	32,700	SH	SOLE	1	32,700	0	0	
PHREESIA INC	COM	71944F106	760,298	23,495	SH	SOLE	1	23,495	0	0	
PHYSICIANS REALTY TRUST	COM	71943U104	6,670,699	461,002	SH	SOLE	1	461,002	0	0	
PIEDMONT LITHIUM INC	COM	72016P105	361,580	8,214	SH	SOLE	1	8,214	0	0	
PIEDMONT OFFICE REALTY TRU A	COM	720190206	533,300	58,157	SH	SOLE	1	58,157	0	0	
PILGRIM S PRIDE CORP	COM	72147K108	1,663,758	70,112	SH	SOLE	1	70,112	0	0	
PINDUODUO INC ADR	ADR	722304102	2,639,040	32,361	SH	SOLE	1	32,361	0	0	
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	8,738,931	119,059	SH	SOLE	1	119,059	0	0	
PINNACLE WEST CAPITAL	COM	723484101	2,328,649	30,624	SH	SOLE	1	30,624	0	0	
PINTEREST INC CLASS A	CL A	72352L106	160,442	6,608	SH	SOLE	1	6,608	0	0	
PIONEER BANCORP INC/NY	COM	723561106	62,586	5,490	SH	SOLE	1	5,490	0	0	
PIONEER NATURAL RESOURCES CO	COM	723787107	16,365,971	71,658	SH	SOLE	1	71,658	0	0	
PIPER SANDLER COS	COM	724078100	1,200,222	9,219	SH	SOLE	1	9,219	0	0	
PITNEY BOWES INC	COM	724479100	354,574	93,309	SH	SOLE	1	93,309	0	0	

PJT PARTNERS INC A	COM	69343T107	823,191	11,171	SH	SOLE	1	11,171	0	0
PLANET FITNESS INC CL A	CL A	72703H101	92,038	1,168	SH	SOLE	1	1,168	0	0
PLANET LABS PBC	CL A	72703X106	319,960	73,554	SH	SOLE	1	73,554	0	0
PLAYSTUDIOS INC	CL A	72815G108	145,446	37,486	SH	SOLE	1	37,486	0	0
PLAYTIKA HOLDING CORP	COM	72815L107	11,471	1,348	SH	SOLE	1	1,348	0	0
PLBY GROUP INC	COM	72814P109	53,930	19,611	SH	SOLE	1	19,611	0	0
PLEXUS CORP	COM	729132100	1,537,774	14,940	SH	SOLE	1	14,940	0	0
PLUG POWER INC	COM	72919P202	82,137	6,640	SH	SOLE	1	6,640	0	0
PLYMOUTH INDUSTRIAL REIT INC	COM	729640102	341,845	17,823	SH	SOLE	1	17,823	0	0
PMV PHARMACEUTICALS INC	COM	69353Y103	151,563	17,421	SH	SOLE	1	17,421	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	20,730,573	131,256	SH	SOLE	1	131,256	0	0
PNM RESOURCES INC	COM	69349H107	8,451,989	173,232	SH	SOLE	1	173,232	0	0
POINT BIOPHARMA GLOBAL INC	COM	730541109	294,764	40,434	SH	SOLE	1	40,434	0	0
POLARIS INC	COM	731068102	8,591,464	85,064	SH	SOLE	1	85,064	0	0
POLYMET MINING CORP	COM	731916409	36,636	13,825	SH	SOLE	1	13,825	0	0
POOL CORP	COM	73278L105	4,056,664	13,418	SH	SOLE	1	13,418	0	0
POPULAR INC	COM	733174700	48,613	733	SH	SOLE	1	733	0	0
PORCH GROUP INC	COM	733245104	72,874	38,763	SH	SOLE	1	38,763	0	0
PORTILLO S INC CL A	CL A	73642K106	214,918	13,169	SH	SOLE	1	13,169	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	8,842,197	180,453	SH	SOLE	1	180,453	0	0
POSHMARK INC CLASS A	CL A	73739W104	395,899	22,142	SH	SOLE	1	22,142	0	0
POST HOLDINGS INC	COM	737446104	7,644,751	84,697	SH	SOLE	1	84,697	0	0
POSTAL REALTY TRUST INC A	CL A	73757R102	123,243	8,482	SH	SOLE	1	8,482	0	0
POTLATCHDELTIC CORP	COM	737630103	7,153,786	162,623	SH	SOLE	1	162,623	0	0
POWELL INDUSTRIES INC	COM	739128106	174,563	4,962	SH	SOLE	1	4,962	0	0
POWER INTEGRATIONS INC	COM	739276103	8,271,109	115,325	SH	SOLE	1	115,325	0	0
POWERSCHOOL HOLDINGS INC A	CL A	73939C106	497,905	21,573	SH	SOLE	1	21,573	0	0
PPG INDUSTRIES INC	COM	693506107	8,615,202	68,516	SH	SOLE	1	68,516	0	0
PPL CORP	COM	69351T106	6,907,929	236,411	SH	SOLE	1	236,411	0	0
PRA GROUP INC	COM	69354N106	708,367	20,970	SH	SOLE	1	20,970	0	0
PRAXIS PRECISION MEDICINES I	COM	74006W108	44,104	18,531	SH	SOLE	1	18,531	0	0
PRECIGEN INC	COM	74017N105	72,574	47,746	SH	SOLE	1	47,746	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	538,607	7,218	SH	SOLE	1	7,218	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	98,532	1,183	SH	SOLE	1	1,183	0	0
PREMIER FINANCIAL CORP	COM	74052F108	451,936	16,757	SH	SOLE	1	16,757	0	0
PREMIER INC CLASS A	COM	74051N102	42,361	1,211	SH	SOLE	1	1,211	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	1,693,393	27,051	SH	SOLE	1	27,051	0	0
PRICESMART INC	COM	741511109	814,756	13,405	SH	SOLE	1	13,405	0	0
PRIME MEDICINE INC	COM	74168J101	91,209	4,909	SH	SOLE	1	4,909	0	0
PRIMERICA INC	COM	74164M108	8,149,544	57,464	SH	SOLE	1	57,464	0	0
PRIMIS FINANCIAL CORP	COM	74167B109	124,200	10,481	SH	SOLE	1	10,481	0	0
PRIMO WATER CORP	COM	74167P108	1,158,476	74,548	SH	SOLE	1	74,548	0	0
PRIMORIS SERVICES CORP	COM	74164F103	550,584	25,095	SH	SOLE	1	25,095	0	0
PRINCIPAL FINANCIAL	COM	74251V102	5,203,040	62,000	SH	SOLE	1	62,000	0	0

GROUP											
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	44,089	8,382	SH	SOLE	1	8,382	0	0	
PRIVIA HEALTH GROUP INC	COM	74276R102	492,126	21,670	SH	SOLE	1	21,670	0	0	
PROASSURANCE CORP	COM	74267C106	512,011	29,308	SH	SOLE	1	29,308	0	0	
PROCEPT BIOROBOTICS CORP	COM	74276L105	509,322	12,261	SH	SOLE	1	12,261	0	0	
PROCORE TECHNOLOGIES INC	COM	74275K108	46,661	989	SH	SOLE	1	989	0	0	
PROCTER GAMBLE CO/THE	COM	742718109	93,884,145	619,452	SH	SOLE	1	619,452	0	0	
PROFESSIONAL HOLDING CORP A	CL A	743139107	171,489	6,182	SH	SOLE	1	6,182	0	0	
PROFRAC HOLDING CORP A	CL A	74319N100	279,014	11,072	SH	SOLE	1	11,072	0	0	
PROG HOLDINGS INC	COM	74319R101	459,053	27,179	SH	SOLE	1	27,179	0	0	
PROGRESS SOFTWARE CORP	COM	743312100	1,177,957	23,349	SH	SOLE	1	23,349	0	0	
PROGRESSIVE CORP	COM	743315103	24,368,488	187,869	SH	SOLE	1	187,869	0	0	
PROGYNY INC	COM	74340E103	4,739,597	152,154	SH	SOLE	1	152,154	0	0	
PROLOGIS INC	COM	74340W103	30,990,266	274,907	SH	SOLE	1	274,907	0	0	
PROMETHEUS BIOSCIENCES INC	COM	74349U108	1,810,490	16,459	SH	SOLE	1	16,459	0	0	
PROPETRO HOLDING CORP	COM	74347M108	498,818	48,102	SH	SOLE	1	48,102	0	0	
PROS HOLDINGS INC	COM	74346Y103	470,013	19,374	SH	SOLE	1	19,374	0	0	
PROSPERITY BANCSHARES INC	COM	743606105	10,332,843	142,169	SH	SOLE	1	142,169	0	0	
PROTAGONIST THERAPEUTICS INC	COM	74366E102	240,118	22,009	SH	SOLE	1	22,009	0	0	
PROTERRA INC	COM	74374T109	398,749	105,769	SH	SOLE	1	105,769	0	0	
PROTHENA CORP PLC	COM	G72800108	1,044,976	17,344	SH	SOLE	1	17,344	0	0	
PROTO LABS INC	COM	743713109	376,695	14,755	SH	SOLE	1	14,755	0	0	
PROVENTION BIO INC	COM	74374N102	315,409	29,840	SH	SOLE	1	29,840	0	0	
PROVIDENT BANCORP INC	COM	74383L105	49,664	6,822	SH	SOLE	1	6,822	0	0	
PROVIDENT FINANCIAL SERVICES	COM	74386T105	852,179	39,896	SH	SOLE	1	39,896	0	0	
PRUDENTIAL FINANCIAL INC	COM	744320102	10,071,419	101,261	SH	SOLE	1	101,261	0	0	
PTC INC	COM	69370C100	3,895,778	32,454	SH	SOLE	1	32,454	0	0	
PTC THERAPEUTICS INC	COM	69366J200	1,268,427	33,231	SH	SOLE	1	33,231	0	0	
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	8,274,697	135,053	SH	SOLE	1	135,053	0	0	
PUBLIC STORAGE	COM	74460D109	13,725,668	48,987	SH	SOLE	1	48,987	0	0	
PUBMATIC INC CLASS A	CL A	74467Q103	261,695	20,429	SH	SOLE	1	20,429	0	0	
PULMONX CORP	COM	745848101	136,381	16,178	SH	SOLE	1	16,178	0	0	
PULTEGROUP INC	COM	745867101	2,827,504	62,102	SH	SOLE	1	62,102	0	0	
PURE CYCLE CORP	COM	746228303	96,531	9,211	SH	SOLE	1	9,211	0	0	
PURE STORAGE INC CLASS A	COM	74624M102	115,282	4,308	SH	SOLE	1	4,308	0	0	
PURECYCLE TECHNOLOGIES INC	COM	74623V103	339,812	50,268	SH	SOLE	1	50,268	0	0	
PURPLE INNOVATION INC	COM	74640Y106	124,387	25,968	SH	SOLE	1	25,968	0	0	
PVH CORP	COM	693656100	7,170,109	101,574	SH	SOLE	1	101,574	0	0	
Q2 HOLDINGS INC	COM	74736L109	710,147	26,429	SH	SOLE	1	26,429	0	0	
QCR HOLDINGS INC	COM	74727A104	371,704	7,488	SH	SOLE	1	7,488	0	0	
QIAGEN N.V.	COM	N72482123	116,347	2,333	SH	SOLE	1	2,333	0	0	
QORVO INC	COM	74736K101	2,487,252	27,441	SH	SOLE	1	27,441	0	0	
QUAD GRAPHICS INC	CL A	747301109	62,591	15,341	SH	SOLE	1	15,341	0	0	
QUAKER CHEMICAL	COM	747316107	1,229,886	7,369	SH	SOLE	1	7,369	0	0	

CORPORATION										
QUALCOMM INC	COM	747525103	42,759,844	388,938	SH	SOLE	1	388,938	0	0
QUALYS INC	COM	74758T303	8,050,146	71,729	SH	SOLE	1	71,729	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	426,169	17,997	SH	SOLE	1	17,997	0	0
QUANTA SERVICES INC	COM	74762E102	5,603,955	39,326	SH	SOLE	1	39,326	0	0
QUANTERIX CORP	COM	74766Q101	222,389	16,057	SH	SOLE	1	16,057	0	0
QUANTUM SI INC	CL A	74765K105	79,065	43,205	SH	SOLE	1	43,205	0	0
QUANTUMSCAPE CORP	CL A	74767V109	15,031	2,651	SH	SOLE	1	2,651	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	5,251,065	33,566	SH	SOLE	1	33,566	0	0
QUIDELORTHO CORP	COM	219798105	7,133,655	83,269	SH	SOLE	1	83,269	0	0
QUINSTREET INC	COM	74874Q100	395,142	27,536	SH	SOLE	1	27,536	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	147,006	42,859	SH	SOLE	1	42,859	0	0
QURATE RETAIL INC	COM	74915M100	269,985	165,635	SH	SOLE	1	165,635	0	0
R1 RCM INC	COM	77634L105	3,107,008	283,745	SH	SOLE	1	283,745	0	0
RACKSPACE TECHNOLOGY INC	COM	750102105	80,373	27,245	SH	SOLE	1	27,245	0	0
RADIAN GROUP INC	COM	750236101	1,420,677	74,498	SH	SOLE	1	74,498	0	0
RADIANT LOGISTICS INC	COM	75025X100	89,167	17,518	SH	SOLE	1	17,518	0	0
RADIUS GLOBAL INFRASTRUCTU A	CL A	750481103	429,090	36,302	SH	SOLE	1	36,302	0	0
RADNET INC	COM	750491102	509,333	27,049	SH	SOLE	1	27,049	0	0
RALLYBIO CORP	COM	75120L100	57,231	8,711	SH	SOLE	1	8,711	0	0
RALPH LAUREN CORP	COM	751212101	1,174,733	11,117	SH	SOLE	1	11,117	0	0
RAMACO RESOURCES INC	COM	75134P303	93,209	10,604	SH	SOLE	1	10,604	0	0
RAMBUS INC	COM	750917106	2,082,539	58,139	SH	SOLE	1	58,139	0	0
RANGE RESOURCES CORP	COM	75281A109	9,433,816	377,051	SH	SOLE	1	377,051	0	0
RANGER OIL CORP A	COM	70788V102	421,442	10,424	SH	SOLE	1	10,424	0	0
RANPAK HOLDINGS CORP	CL A	75321W103	118,602	20,555	SH	SOLE	1	20,555	0	0
RAPID7 INC	COM	753422104	949,299	27,937	SH	SOLE	1	27,937	0	0
RAPT THERAPEUTICS INC	COM	75382E109	246,154	12,432	SH	SOLE	1	12,432	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	6,724,498	62,934	SH	SOLE	1	62,934	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	323,722	33,721	SH	SOLE	1	33,721	0	0
RAYONIER INC	COM	754907103	7,516,132	228,038	SH	SOLE	1	228,038	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	38,633,286	382,811	SH	SOLE	1	382,811	0	0
RBB BANCORP	COM	74930B105	144,240	6,918	SH	SOLE	1	6,918	0	0
RBC BEARINGS INC	COM	75524B104	2,825,178	13,495	SH	SOLE	1	13,495	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	379,376	4,071	SH	SOLE	1	4,071	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	180,696	9,694	SH	SOLE	1	9,694	0	0
READY CAPITAL CORP	COM	75574U101	454,367	40,787	SH	SOLE	1	40,787	0	0
REALREAL INC/THE	COM	88339P101	52,306	41,845	SH	SOLE	1	41,845	0	0
REALTY INCOME CORP	COM	756109104	11,783,137	185,766	SH	SOLE	1	185,766	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	496,871	13,079	SH	SOLE	1	13,079	0	0
RECURSION PHARMACEUTICALS A	CL A	75629V104	498,413	64,645	SH	SOLE	1	64,645	0	0
RED RIVER BANCSHARES INC	COM	75686R202	105,286	2,062	SH	SOLE	1	2,062	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	960,080	23,996	SH	SOLE	1	23,996	0	0
RED VIOLET INC	COM	75704L104	105,984	4,604	SH	SOLE	1	4,604	0	0

REDFIN CORP	COM	75737F108	213,183	50,279	SH	SOLE	1	50,279	0	0
REDWIRE CORP	COM	75776W103	18,460	9,323	SH	SOLE	1	9,323	0	0
REDWOOD TRUST INC	COM	758075402	416,233	61,573	SH	SOLE	1	61,573	0	0
REGAL REXNORD CORP	COM	758750103	12,361,059	103,026	SH	SOLE	1	103,026	0	0
REGENCY CENTERS CORP	COM	758849103	2,616,750	41,868	SH	SOLE	1	41,868	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	27,312,725	37,856	SH	SOLE	1	37,856	0	0
REGENXBIO INC	COM	75901B107	491,067	21,652	SH	SOLE	1	21,652	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	102,211	3,640	SH	SOLE	1	3,640	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	6,015,714	279,022	SH	SOLE	1	279,022	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	14,790,432	104,092	SH	SOLE	1	104,092	0	0
RELAY THERAPEUTICS INC	COM	75943R102	601,529	40,263	SH	SOLE	1	40,263	0	0
RELIANCE STEEL ALUMINUM	COM	759509102	18,504,231	91,406	SH	SOLE	1	91,406	0	0
RELMADA THERAPEUTICS INC	COM	75955J402	45,216	12,956	SH	SOLE	1	12,956	0	0
REMITLY GLOBAL INC	COM	75960P104	542,741	47,401	SH	SOLE	1	47,401	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	12,560,064	68,176	SH	SOLE	1	68,176	0	0
RENASANT CORP	COM	75970E107	1,121,610	29,838	SH	SOLE	1	29,838	0	0
RENT A CENTER INC	COM	76009N100	612,661	27,169	SH	SOLE	1	27,169	0	0
RENT THE RUNWAY INC A	CL A	76010Y103	68,241	22,374	SH	SOLE	1	22,374	0	0
REPAY HOLDINGS CORP	CL A	76029L100	333,656	41,448	SH	SOLE	1	41,448	0	0
REPLIGEN CORP	COM	759916109	13,656,206	80,658	SH	SOLE	1	80,658	0	0
REPLIMUNE GROUP INC	COM	76029N106	522,566	19,212	SH	SOLE	1	19,212	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	168,427	4,116	SH	SOLE	1	4,116	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	57,218	26,613	SH	SOLE	1	26,613	0	0
REPUBLIC SERVICES INC	COM	760759100	8,507,535	65,955	SH	SOLE	1	65,955	0	0
RESERVOIR MEDIA INC	COM	76119X105	57,766	9,676	SH	SOLE	1	9,676	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	1,294,516	78,694	SH	SOLE	1	78,694	0	0
RESMED INC	COM	761152107	9,346,286	44,906	SH	SOLE	1	44,906	0	0
RESOLUTE FOREST PRODUCTS	COM	76117W109	469,323	21,738	SH	SOLE	1	21,738	0	0
RESOURCES CONNECTION INC	COM	76122Q105	320,566	17,441	SH	SOLE	1	17,441	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	989,425	65,830	SH	SOLE	1	65,830	0	0
REV GROUP INC	COM	749527107	196,001	15,531	SH	SOLE	1	15,531	0	0
REVANCE THERAPEUTICS INC	COM	761330109	705,024	38,192	SH	SOLE	1	38,192	0	0
REVOLUTION MEDICINES INC	COM	76155X100	849,469	35,662	SH	SOLE	1	35,662	0	0
REVOLVE GROUP INC	CL A	76156B107	430,041	19,319	SH	SOLE	1	19,319	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	273,582	8,587	SH	SOLE	1	8,587	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	15,615,128	285,782	SH	SOLE	1	285,782	0	0
REYNOLDS CONSUMER PRODUCTS I	COM	76171L106	16,729	558	SH	SOLE	1	558	0	0
RH	COM	74967X103	8,006,348	29,965	SH	SOLE	1	29,965	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	95,432	34,205	SH	SOLE	1	34,205	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	122,447	81,631	SH	SOLE	1	81,631	0	0
RIGETTI COMPUTING	COM	76655K103	27,100	37,164	SH	SOLE	1	37,164	0	0

INC										
RILEY EXPLORATION PERMIAN IN	COM	76665T102	147,268	5,004	SH	SOLE	1	5,004	0	0
RIMINI STREET INC	COM	76674Q107	88,948	23,346	SH	SOLE	1	23,346	0	0
RING ENERGY INC	COM	76680V108	109,706	44,596	SH	SOLE	1	44,596	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	46,197	1,305	SH	SOLE	1	1,305	0	0
RIOT PLATFORMS INC	COM	767292105	254,253	75,001	SH	SOLE	1	75,001	0	0
RITE AID CORP	COM	767754872	87,585	26,223	SH	SOLE	1	26,223	0	0
RITHM CAPITAL CORP	COM	64828T201	36,373	4,452	SH	SOLE	1	4,452	0	0
RIVIAN AUTOMOTIVE INC A	CL A	76954A103	1,002,942	54,419	SH	SOLE	1	54,419	0	0
RLI CORP	COM	749607107	10,627,488	80,959	SH	SOLE	1	80,959	0	0
RLJ LODGING TRUST	COM	74965L101	803,601	75,883	SH	SOLE	1	75,883	0	0
RLX TECHNOLOGY INC ADR	SPONS ADS	74969N103	17,935	7,798	SH	SOLE	1	7,798	0	0
RMR GROUP INC/THE A	COM	74967R106	204,530	7,240	SH	SOLE	1	7,240	0	0
ROBERT HALF INTL INC	COM	770323103	2,487,259	33,689	SH	SOLE	1	33,689	0	0
ROBINHOOD MARKETS INC A	CL A	770700102	47,049	5,780	SH	SOLE	1	5,780	0	0
ROBLOX CORP CLASS A	CL A	771049103	195,008	6,852	SH	SOLE	1	6,852	0	0
ROCKET COS INC CLASS A	CL A	77311W101	10,402	1,486	SH	SOLE	1	1,486	0	0
ROCKET LAB USA INC	COM	773122106	384,597	102,015	SH	SOLE	1	102,015	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	497,430	25,418	SH	SOLE	1	25,418	0	0
ROCKLEY PHOTONICS HOLDINGS L	LTD ORD SHS	G7614L109	6,966	49,719	SH	SOLE	1	49,719	0	0
ROCKWELL AUTOMATION INC	COM	773903109	8,728,275	33,887	SH	SOLE	1	33,887	0	0
ROCKY BRANDS INC	COM	774515100	76,954	3,258	SH	SOLE	1	3,258	0	0
ROGERS CORP	COM	775133101	1,217,387	10,201	SH	SOLE	1	10,201	0	0
ROKU INC	COM	77543R102	58,038	1,426	SH	SOLE	1	1,426	0	0
ROLLINS INC	COM	775711104	2,344,224	64,155	SH	SOLE	1	64,155	0	0
ROOT INC/OH CLASS A	CL A	77664L207	16,483	3,671	SH	SOLE	1	3,671	0	0
ROPER TECHNOLOGIES INC	COM	776696106	14,170,392	32,795	SH	SOLE	1	32,795	0	0
ROSS STORES INC	COM	778296103	13,766,250	118,603	SH	SOLE	1	118,603	0	0
ROVER GROUP INC	CL A	77936F103	162,680	44,327	SH	SOLE	1	44,327	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	2,936,735	59,412	SH	SOLE	1	59,412	0	0
ROYAL GOLD INC	COM	780287108	11,526,296	102,256	SH	SOLE	1	102,256	0	0
ROYALTY PHARMA PLC CL A	CL A	G7709Q104	151,204	3,826	SH	SOLE	1	3,826	0	0
RPC INC	COM	749660106	364,792	41,034	SH	SOLE	1	41,034	0	0
RPM INTERNATIONAL INC	COM	749685103	19,595,441	201,082	SH	SOLE	1	201,082	0	0
RPT REALTY	COM	74971D101	461,609	45,977	SH	SOLE	1	45,977	0	0
RUMBLEON INC B	CL B	781386305	32,098	4,961	SH	SOLE	1	4,961	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	174,550	3,102	SH	SOLE	1	3,102	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	1,029,707	19,696	SH	SOLE	1	19,696	0	0
RUSH STREET INTERACTIVE INC	COM	782011100	103,141	28,730	SH	SOLE	1	28,730	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	264,367	17,078	SH	SOLE	1	17,078	0	0
RXO INC	COM	74982T103	3,082,102	179,192	SH	SOLE	1	179,192	0	0
RXSIGHT INC	COM	78349D107	123,406	9,740	SH	SOLE	1	9,740	0	0
RYAN SPECIALTY HOLDINGS INC	CL A	78351F107	52,261	1,259	SH	SOLE	1	1,259	0	0
RYDER SYSTEM INC	COM	783549108	6,539,102	78,247	SH	SOLE	1	78,247	0	0
RYERSON HOLDING	COM	783754104	278,120	9,191	SH	SOLE	1	9,191	0	0

CORP										
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	2,082,119	25,460	SH	SOLE	1	25,460	0	0
S T BANCORP INC	COM	783859101	725,539	21,227	SH	SOLE	1	21,227	0	0
SP GLOBAL INC	COM	78409V104	35,780,300	106,826	SH	SOLE	1	106,826	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	5,799,328	466,559	SH	SOLE	1	466,559	0	0
SABRE CORP	COM	78573M104	1,096,437	177,417	SH	SOLE	1	177,417	0	0
SAFE BULKERS INC	COM	Y7388L103	98,576	33,875	SH	SOLE	1	33,875	0	0
SAFEHOLD INC	COM	78645L100	413,673	14,454	SH	SOLE	1	14,454	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	654,784	7,771	SH	SOLE	1	7,771	0	0
SAGE THERAPEUTICS INC	COM	78667J108	939,808	24,641	SH	SOLE	1	24,641	0	0
SAIA INC	COM	78709Y105	11,219,348	53,507	SH	SOLE	1	53,507	0	0
SALESFORCE INC	COM	79466L302	39,209,780	295,722	SH	SOLE	1	295,722	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	728,764	58,208	SH	SOLE	1	58,208	0	0
SANA BIOTECHNOLOGY INC	COM	799566104	166,315	42,105	SH	SOLE	1	42,105	0	0
SANDRIDGE ENERGY INC	COM	80007P869	256,029	15,034	SH	SOLE	1	15,034	0	0
SANDY SPRING BANCORP INC	COM	800363103	728,239	20,671	SH	SOLE	1	20,671	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	198,756	63,298	SH	SOLE	1	63,298	0	0
SANMINA CORP	COM	801056102	1,777,537	31,027	SH	SOLE	1	31,027	0	0
SAPIENS INTERNATIONAL CORP	V SHS	G7T16G103	280,305	15,168	SH	SOLE	1	15,168	0	0
SARCOS TECHNOLOGY AND ROBOTI	COM	80359A106	29,050	51,755	SH	SOLE	1	51,755	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	167,029	1,289	SH	SOLE	1	1,289	0	0
SAUL CENTERS INC	COM	804395101	264,176	6,494	SH	SOLE	1	6,494	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	8,700,542	31,039	SH	SOLE	1	31,039	0	0
SCANSOURCE INC	COM	806037107	400,957	13,722	SH	SOLE	1	13,722	0	0
SCHLUMBERGER LTD	COM	806857108	22,294,370	417,029	SH	SOLE	1	417,029	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	12,987	555	SH	SOLE	1	555	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	366,451	11,956	SH	SOLE	1	11,956	0	0
SCHOLASTIC CORP	COM	807066105	638,305	16,176	SH	SOLE	1	16,176	0	0
SCHRODINGER INC	COM	80810D103	477,137	25,529	SH	SOLE	1	25,529	0	0
SCHWAB (CHARLES) CORP	COM	808513105	37,674,068	452,487	SH	SOLE	1	452,487	0	0
SCIENCE 37 HOLDINGS INC	COM	808644108	12,352	29,749	SH	SOLE	1	29,749	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	9,524,117	85,857	SH	SOLE	1	85,857	0	0
SCORPIO TANKERS INC	COM	Y7542C130	1,196,490	22,252	SH	SOLE	1	22,252	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	3,064,134	63,061	SH	SOLE	1	63,061	0	0
SCULPTOR CAPITAL MANAGEMENT	COM	811246107	105,115	12,138	SH	SOLE	1	12,138	0	0
SEA LTD ADR	SPONS ADS	81141R100	3,308,900	63,596	SH	SOLE	1	63,596	0	0
SEABOARD CORP	COM	811543107	11,326	3	SH	SOLE	1	3	0	0
SEACOAST BANKING CORP/FL	COM	811707801	1,049,200	33,639	SH	SOLE	1	33,639	0	0
SEAGATE TECHNOLOGY HOLDINGS	ORD SHS	G7997R103	4,999,634	95,032	SH	SOLE	1	95,032	0	0
SEAGEN INC	COM	81181C104	1,549,831	12,060	SH	SOLE	1	12,060	0	0
SEALED AIR CORP	COM	81211K100	1,990,262	39,901	SH	SOLE	1	39,901	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	141,558	16,953	SH	SOLE	1	16,953	0	0

SEAWORLD ENTERTAINMENT INC	COM	81282V100	1,006,149	18,803	SH	SOLE	1	18,803	0	0
SECUREWORKS CORP A	COM	81374A105	30,442	4,764	SH	SOLE	1	4,764	0	0
SEER INC	CL A	81578P106	141,537	24,403	SH	SOLE	1	24,403	0	0
SEI INVESTMENTS COMPANY	COM	784117103	9,304,330	159,594	SH	SOLE	1	159,594	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	312,099	33,777	SH	SOLE	1	33,777	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,405,254	56,595	SH	SOLE	1	56,595	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	10,765,140	121,489	SH	SOLE	1	121,489	0	0
SELECTQUOTE INC	COM	816307300	43,030	64,043	SH	SOLE	1	64,043	0	0
SEMPRA ENERGY	COM	816851109	17,798,835	115,173	SH	SOLE	1	115,173	0	0
SEMTECH CORP	COM	816850101	987,452	34,418	SH	SOLE	1	34,418	0	0
SENECA FOODS CORP CL A	CL A	817070501	169,929	2,788	SH	SOLE	1	2,788	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	62,791	1,555	SH	SOLE	1	1,555	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	230,419	223,708	SH	SOLE	1	223,708	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	6,189,887	84,886	SH	SOLE	1	84,886	0	0
SENTINELONE INC CLASS A	CL A	81730H109	38,503	2,639	SH	SOLE	1	2,639	0	0
SERES THERAPEUTICS INC	COM	81750R102	186,648	33,330	SH	SOLE	1	33,330	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	16,559,030	239,500	SH	SOLE	1	239,500	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	651,478	89,366	SH	SOLE	1	89,366	0	0
SERVICENOW INC	COM	81762P102	23,743,875	61,153	SH	SOLE	1	61,153	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,873,043	27,181	SH	SOLE	1	27,181	0	0
SFL CORP LTD	SHS	G7738W106	500,987	54,337	SH	SOLE	1	54,337	0	0
SHAKE SHACK INC CLASS A	COM	819047101	845,925	20,369	SH	SOLE	1	20,369	0	0
SHARECARE INC	CL A	81948W104	225,624	141,015	SH	SOLE	1	141,015	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	419,899	26,442	SH	SOLE	1	26,442	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	16,684,774	70,302	SH	SOLE	1	70,302	0	0
SHIFT4 PAYMENTS INC CLASS A	CL A	82452J109	43,234	773	SH	SOLE	1	773	0	0
SHOALS TECHNOLOGIES GROUP A	CL A	82489W107	1,611,074	65,305	SH	SOLE	1	65,305	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	14,959,978	72,759	SH	SOLE	1	72,759	0	0
SHOE CARNIVAL INC	COM	824889109	224,037	9,370	SH	SOLE	1	9,370	0	0
SHORE BANCSHARES INC	COM	825107105	146,691	8,416	SH	SOLE	1	8,416	0	0
SHOTSPOTTER INC	COM	82536T107	142,898	4,224	SH	SOLE	1	4,224	0	0
SHUTTERSTOCK INC	COM	825690100	686,889	13,029	SH	SOLE	1	13,029	0	0
SHYFT GROUP INC/THE	COM	825698103	406,038	16,333	SH	SOLE	1	16,333	0	0
SI BONE INC	COM	825704109	218,525	16,068	SH	SOLE	1	16,068	0	0
SIERRA BANCORP	COM	82620P102	138,039	6,499	SH	SOLE	1	6,499	0	0
SIGA TECHNOLOGIES INC	COM	826917106	163,996	22,282	SH	SOLE	1	22,282	0	0
SIGHT SCIENCES INC	COM	82657M105	125,836	10,306	SH	SOLE	1	10,306	0	0
SIGNATURE BANK	COM	82669G104	1,963,349	17,040	SH	SOLE	1	17,040	0	0
SIGNET JEWELERS LTD	COM	G81276100	1,694,696	24,922	SH	SOLE	1	24,922	0	0
SIGNIFY HEALTH INC CLASS A	CL A	82671G100	24,504	855	SH	SOLE	1	855	0	0
SILGAN HOLDINGS INC	COM	827048109	6,754,752	130,300	SH	SOLE	1	130,300	0	0

SILICON LABORATORIES INC	COM	826919102	9,106,035	67,119	SH	SOLE	1	67,119	0	0
SILK ROAD MEDICAL INC	COM	82710M100	938,035	17,749	SH	SOLE	1	17,749	0	0
SILVERBOW RESOURCES INC	COM	82836G102	156,982	5,551	SH	SOLE	1	5,551	0	0
SILVERCREST ASSET MANAGEME A	CL A	828359109	85,854	4,574	SH	SOLE	1	4,574	0	0
SILVERGATE CAPITAL CORP CL A	CL A	82837P408	258,007	14,828	SH	SOLE	1	14,828	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,434,617	66,479	SH	SOLE	1	66,479	0	0
SIMON PROPERTY GROUP INC	COM	828806109	10,489,672	89,289	SH	SOLE	1	89,289	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,823,539	47,950	SH	SOLE	1	47,950	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	7,638,059	86,150	SH	SOLE	1	86,150	0	0
SIMULATIONS PLUS INC	COM	829214105	311,503	8,518	SH	SOLE	1	8,518	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	294,054	18,959	SH	SOLE	1	18,959	0	0
SINGULAR GENOMICS SYSTEMS IN	COM	82933R100	53,675	26,704	SH	SOLE	1	26,704	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,262,900	216,250	SH	SOLE	1	216,250	0	0
SIRIUSPOINT LTD	COM	G8192H106	292,445	49,567	SH	SOLE	1	49,567	0	0
SITE CENTERS CORP	COM	82981J109	1,436,704	105,176	SH	SOLE	1	105,176	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	69,571	593	SH	SOLE	1	593	0	0
SITIME CORP	COM	82982T106	3,307,020	32,543	SH	SOLE	1	32,543	0	0
SITIO ROYALTIES CORP A	CL A	82983N108	968,791	33,580	SH	SOLE	1	33,580	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	143,360	6,166	SH	SOLE	1	6,166	0	0
SJW GROUP	COM	784305104	1,190,245	14,660	SH	SOLE	1	14,660	0	0
SKECHERS USA INC CL A	CL A	830566105	8,772,752	209,124	SH	SOLE	1	209,124	0	0
SKILLSOFT CORP	CL A	83066P200	49,919	38,399	SH	SOLE	1	38,399	0	0
SKILLZ INC	COM	83067L109	75,298	148,664	SH	SOLE	1	148,664	0	0
SKYLINE CHAMPION CORP	COM	830830105	1,299,855	25,235	SH	SOLE	1	25,235	0	0
SKYWATER TECHNOLOGY INC	COM	83089J108	37,932	5,335	SH	SOLE	1	5,335	0	0
SKYWEST INC	COM	830879102	448,709	27,178	SH	SOLE	1	27,178	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	3,958,140	43,434	SH	SOLE	1	43,434	0	0
SL GREEN REALTY CORP	COM	78440X887	3,377,564	100,165	SH	SOLE	1	100,165	0	0
SLEEP NUMBER CORP	COM	83125X103	302,355	11,638	SH	SOLE	1	11,638	0	0
SLM CORP	COM	78442P106	6,468,439	389,665	SH	SOLE	1	389,665	0	0
SM ENERGY CO	COM	78454L100	2,297,213	65,955	SH	SOLE	1	65,955	0	0
SMART GLOBAL HOLDINGS INC	SHS	G8232Y101	388,800	26,129	SH	SOLE	1	26,129	0	0
SMARTFINANCIAL INC	COM	83190L208	201,823	7,339	SH	SOLE	1	7,339	0	0
SMARTRENT INC	CL A	83193G107	139,375	57,356	SH	SOLE	1	57,356	0	0
SMARTSHEET INC CLASS A	COM	83200N103	76,634	1,947	SH	SOLE	1	1,947	0	0
SMITH (A.O.) CORP	COM	831865209	1,973,463	34,477	SH	SOLE	1	34,477	0	0
SMITH WESSON BRANDS INC	COM	831754106	186,472	21,483	SH	SOLE	1	21,483	0	0
SNAP ON INC	COM	833034101	3,299,167	14,439	SH	SOLE	1	14,439	0	0
SNAP ONE HOLDINGS CORP	COM	83303Y105	63,118	8,518	SH	SOLE	1	8,518	0	0
SOFI TECHNOLOGIES INC	COM	83406F102	38,198	8,286	SH	SOLE	1	8,286	0	0

SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	4,152,172	14,658	SH	SOLE	1	14,658	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	148,334	14,938	SH	SOLE	1	14,938	0	0
SOLARWINDS CORP	COM	83417Q204	213,810	22,843	SH	SOLE	1	22,843	0	0
SOLID POWER INC	COM	83422N105	159,304	62,718	SH	SOLE	1	62,718	0	0
SOLO BRANDS INC CLASS A	CL A	83425V104	38,673	10,396	SH	SOLE	1	10,396	0	0
SOMALOGIC INC	COM	83444K105	177,685	70,791	SH	SOLE	1	70,791	0	0
SONDER HOLDINGS INC	COM	83542D102	111,083	89,583	SH	SOLE	1	89,583	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	476,786	9,677	SH	SOLE	1	9,677	0	0
SONOCO PRODUCTS CO	COM	835495102	9,219,846	151,867	SH	SOLE	1	151,867	0	0
SONOS INC	COM	83570H108	1,171,897	69,343	SH	SOLE	1	69,343	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	193,324	218,199	SH	SOLE	1	218,199	0	0
SOTERA HEALTH CO	COM	83601L102	1,285,144	154,279	SH	SOLE	1	154,279	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	2,371,130	66,736	SH	SOLE	1	66,736	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	127,216	4,621	SH	SOLE	1	4,621	0	0
SOUTHERN CO/THE	COM	842587107	20,244,307	283,494	SH	SOLE	1	283,494	0	0
SOUTHERN COPPER CORP	COM	84265V105	74,400	1,232	SH	SOLE	1	1,232	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	164,014	3,585	SH	SOLE	1	3,585	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	170,488	3,720	SH	SOLE	1	3,720	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	598,046	16,617	SH	SOLE	1	16,617	0	0
SOUTHSTATE CORP	COM	840441109	2,708,795	35,474	SH	SOLE	1	35,474	0	0
SOUTHWEST AIRLINES CO	COM	844741108	5,411,038	160,708	SH	SOLE	1	160,708	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	7,868,785	127,162	SH	SOLE	1	127,162	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	10,056,834	1,719,117	SH	SOLE	1	1,719,117	0	0
SOVOS BRANDS INC	COM	84612U107	260,428	18,123	SH	SOLE	1	18,123	0	0
SP PLUS CORP	COM	78469C103	330,534	9,520	SH	SOLE	1	9,520	0	0
SPARTANNASH CO	COM	847215100	573,864	18,977	SH	SOLE	1	18,977	0	0
SPDR PORTFOLIO SP 500 GROWTH	PRTFLO S&P500 GW	78464A409	9,186,978	181,310	SH	SOLE	1	181,310	0	0
SPDR SP MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	14,346,396	32,400	SH	SOLE	1	32,400	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	24,977	410	SH	SOLE	1	410	0	0
SPIRE GLOBAL INC	CL A	848560108	56,798	59,165	SH	SOLE	1	59,165	0	0
SPIRE INC	COM	84857L101	7,253,506	105,337	SH	SOLE	1	105,337	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	46,502	1,571	SH	SOLE	1	1,571	0	0
SPIRIT AIRLINES INC	COM	848577102	1,004,759	51,579	SH	SOLE	1	51,579	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	8,685,055	217,507	SH	SOLE	1	217,507	0	0
SPLUNK INC	COM	848637104	214,536	2,492	SH	SOLE	1	2,492	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	171,413	18,216	SH	SOLE	1	18,216	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	169,269	2,144	SH	SOLE	1	2,144	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	443,106	17,036	SH	SOLE	1	17,036	0	0
SPROUT SOCIAL INC CLASS A	CL A	85209W109	1,249,686	22,134	SH	SOLE	1	22,134	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	6,923,975	213,901	SH	SOLE	1	213,901	0	0
SPS COMMERCE INC	COM	78463M107	2,529,557	19,696	SH	SOLE	1	19,696	0	0

SPX TECHNOLOGIES INC	COM	78473E103	1,569,035	23,900	SH	SOLE	1	23,900	0	0
SQUARESPACE INC CLASS A	CL A	85225A107	319,381	14,406	SH	SOLE	1	14,406	0	0
SSC TECHNOLOGIES HOLDINGS	COM	78467J100	118,124	2,269	SH	SOLE	1	2,269	0	0
SSR MINING INC	COM	784730103	33,205	2,119	SH	SOLE	1	2,119	0	0
ST JOE CO/THE	COM	790148100	722,214	18,686	SH	SOLE	1	18,686	0	0
STAAR SURGICAL CO	COM	852312305	4,721,340	97,267	SH	SOLE	1	97,267	0	0
STAG INDUSTRIAL INC	COM	85254J102	2,757,885	85,357	SH	SOLE	1	85,357	0	0
STAGWELL INC	CL A	85256A109	225,361	36,290	SH	SOLE	1	36,290	0	0
STANDARD MOTOR PRODS	COM	853666105	377,998	10,862	SH	SOLE	1	10,862	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	664,743	6,491	SH	SOLE	1	6,491	0	0
STANLEY BLACK DECKER INC	COM	854502101	3,008,105	40,044	SH	SOLE	1	40,044	0	0
STARBUCKS CORP	COM	855244109	35,877,565	361,669	SH	SOLE	1	361,669	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	55,063	3,004	SH	SOLE	1	3,004	0	0
STATE STREET CORP	COM	857477103	8,339,085	107,504	SH	SOLE	1	107,504	0	0
STEEL DYNAMICS INC	COM	858119100	4,440,367	45,449	SH	SOLE	1	45,449	0	0
STEELCASE INC CL A	CL A	858155203	291,093	41,173	SH	SOLE	1	41,173	0	0
STELLAR BANCORP INC	COM	858927106	716,732	24,329	SH	SOLE	1	24,329	0	0
STEM INC	COM	85859N102	609,511	68,178	SH	SOLE	1	68,178	0	0
STEPAN CO	COM	858586100	1,234,191	11,593	SH	SOLE	1	11,593	0	0
STEPSTONE GROUP INC CLASS A	CL A	85914M107	647,932	25,732	SH	SOLE	1	25,732	0	0
STERICYCLE INC	COM	858912108	7,162,508	143,566	SH	SOLE	1	143,566	0	0
STERIS PLC	COM	G8473T100	4,990,693	27,022	SH	SOLE	1	27,022	0	0
STERLING BANCORP INC/MI	COM	85917W102	49,920	8,197	SH	SOLE	1	8,197	0	0
STERLING CHECK CORP	COM	85917T109	173,279	11,201	SH	SOLE	1	11,201	0	0
STERLING INFRASTRUCTURE INC	COM	859241101	454,411	13,854	SH	SOLE	1	13,854	0	0
STEVEN MADDEN LTD	COM	556269108	1,328,609	41,571	SH	SOLE	1	41,571	0	0
STEWART INFORMATION SERVICES	COM	860372101	624,029	14,604	SH	SOLE	1	14,604	0	0
STIFEL FINANCIAL CORP	COM	860630102	9,660,002	165,496	SH	SOLE	1	165,496	0	0
STITCH FIX INC CLASS A	COM	860897107	123,078	39,575	SH	SOLE	1	39,575	0	0
STOCK YARDS BANCORP INC	COM	861025104	880,154	13,545	SH	SOLE	1	13,545	0	0
STOKE THERAPEUTICS INC	COM	86150R107	97,995	10,617	SH	SOLE	1	10,617	0	0
STONECO LTD A	CL A	G85158106	1,237,773	131,120	SH	SOLE	1	131,120	0	0
STONERIDGE INC	COM	86183P102	268,573	12,457	SH	SOLE	1	12,457	0	0
STONEX GROUP INC	COM	861896108	891,341	9,353	SH	SOLE	1	9,353	0	0
STORE CAPITAL CORP	COM	862121100	13,264,216	413,731	SH	SOLE	1	413,731	0	0
STRATEGIC EDUCATION INC	COM	86272C103	964,119	12,310	SH	SOLE	1	12,310	0	0
STRATUS PROPERTIES INC	COM	863167201	53,800	2,789	SH	SOLE	1	2,789	0	0
STRIDE INC	COM	86333M108	690,788	22,084	SH	SOLE	1	22,084	0	0
STRYKER CORP	COM	863667101	24,943,114	102,021	SH	SOLE	1	102,021	0	0
STURM RUGER CO INC	COM	864159108	475,879	9,401	SH	SOLE	1	9,401	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	131,046	5,265	SH	SOLE	1	5,265	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	412,190	57,090	SH	SOLE	1	57,090	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	1,597,002	56,252	SH	SOLE	1	56,252	0	0

SUMO LOGIC INC	COM	86646P103	445,079	54,948	SH	SOLE	1	54,948	0	0
SUN COMMUNITIES INC	COM	866674104	178,893	1,251	SH	SOLE	1	1,251	0	0
SUN COUNTRY AIRLINES HOLDING	COM	866683105	284,877	17,962	SH	SOLE	1	17,962	0	0
SUNCOKE ENERGY INC	COM	86722A103	390,939	45,300	SH	SOLE	1	45,300	0	0
SUNLIGHT FINANCIAL HOLDINGS	COM	86738J106	14,571	11,295	SH	SOLE	1	11,295	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	845,948	46,971	SH	SOLE	1	46,971	0	0
SUNOPTA INC	COM	8676EP108	389,928	46,200	SH	SOLE	1	46,200	0	0
SUNPOWER CORP	COM	867652406	3,078,803	170,760	SH	SOLE	1	170,760	0	0
SUNRUN INC	COM	86771W105	7,970,965	331,847	SH	SOLE	1	331,847	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,112,697	115,186	SH	SOLE	1	115,186	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	7,646,630	93,138	SH	SOLE	1	93,138	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	56,165	5,583	SH	SOLE	1	5,583	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	972,864	27,274	SH	SOLE	1	27,274	0	0
SURGERY PARTNERS INC	COM	86881A100	659,446	23,670	SH	SOLE	1	23,670	0	0
SURMODICS INC	COM	868873100	253,682	7,435	SH	SOLE	1	7,435	0	0
SUTRO BIOPHARMA INC	COM	869367102	206,040	25,500	SH	SOLE	1	25,500	0	0
SVB FINANCIAL GROUP	COM	78486Q101	4,014,332	17,443	SH	SOLE	1	17,443	0	0
SWEETGREEN INC CLASS A	CL A	87043Q108	359,709	41,973	SH	SOLE	1	41,973	0	0
SWK HOLDINGS CORP	COM	78501P203	29,706	1,684	SH	SOLE	1	1,684	0	0
SYLVAMO CORP	COM	871332102	929,381	19,127	SH	SOLE	1	19,127	0	0
SYNAPTICS INC	COM	87157D109	7,656,003	80,454	SH	SOLE	1	80,454	0	0
SYNCHRONY FINANCIAL	COM	87165B103	4,006,981	121,941	SH	SOLE	1	121,941	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	640,526	25,168	SH	SOLE	1	25,168	0	0
SYNEOS HEALTH INC	COM	87166B102	5,881,748	160,353	SH	SOLE	1	160,353	0	0
SYNOPSIS INC	COM	871607107	18,816,718	58,933	SH	SOLE	1	58,933	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	8,506,089	226,527	SH	SOLE	1	226,527	0	0
SYSCO CORP	COM	871829107	10,088,648	131,964	SH	SOLE	1	131,964	0	0
T MOBILE US INC	COM	872590104	31,235,960	223,114	SH	SOLE	1	223,114	0	0
T ROWE PRICE GROUP INC	COM	74144T108	8,033,360	73,660	SH	SOLE	1	73,660	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	106,454	9,273	SH	SOLE	1	9,273	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	5,066,758	48,658	SH	SOLE	1	48,658	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	37,499	5,319	SH	SOLE	1	5,319	0	0
TALARIS THERAPEUTICS INC	COM	87410C104	11,129	10,911	SH	SOLE	1	10,911	0	0
TALOS ENERGY INC	COM	87484T108	677,603	35,890	SH	SOLE	1	35,890	0	0
TANDEM DIABETES CARE INC	COM	875372203	4,514,688	100,438	SH	SOLE	1	100,438	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	992,566	55,327	SH	SOLE	1	55,327	0	0
TANGO THERAPEUTICS INC	COM	87583X109	159,935	22,060	SH	SOLE	1	22,060	0	0
TAPESTRY INC	COM	876030107	2,490,546	65,403	SH	SOLE	1	65,403	0	0
TARGA RESOURCES CORP	COM	87612G101	4,617,344	62,821	SH	SOLE	1	62,821	0	0
TARGET CORP	COM	87612E106	20,404,470	136,906	SH	SOLE	1	136,906	0	0
TARGET HOSPITALITY CORP	COM	87615L107	209,386	13,830	SH	SOLE	1	13,830	0	0

TARSUS PHARMACEUTICALS INC	COM	87650L103	127,439	8,693	SH	SOLE	1	8,693	0	0
TATTOOED CHEF INC	CL A	87663X102	28,487	23,160	SH	SOLE	1	23,160	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	6,589,896	217,130	SH	SOLE	1	217,130	0	0
TD SYNnex CORP	COM	87162W100	6,201,895	65,483	SH	SOLE	1	65,483	0	0
TE CONNECTIVITY LTD	COM	H84989104	11,160,397	97,216	SH	SOLE	1	97,216	0	0
TECHTARGET	COM	87874R100	646,977	14,684	SH	SOLE	1	14,684	0	0
TEEKAY CORP	COM	Y8564W103	148,163	32,635	SH	SOLE	1	32,635	0	0
TEEKAY TANKERS LTD CLASS A	CL A	Y8565N300	333,179	10,814	SH	SOLE	1	10,814	0	0
TEGNA INC	COM	87901J105	9,548,214	450,600	SH	SOLE	1	450,600	0	0
TEJON RANCH CO	COM	879080109	185,235	9,832	SH	SOLE	1	9,832	0	0
TELADOC HEALTH INC	COM	87918A105	40,891	1,729	SH	SOLE	1	1,729	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	5,071,659	12,682	SH	SOLE	1	12,682	0	0
TELEFLEX INC	COM	879369106	3,169,552	12,697	SH	SOLE	1	12,697	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	574,202	54,738	SH	SOLE	1	54,738	0	0
TELLURIAN INC	COM	87968A104	405,515	241,378	SH	SOLE	1	241,378	0	0
TELOS CORPORATION	COM	87969B101	129,714	25,484	SH	SOLE	1	25,484	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	9,140,946	266,267	SH	SOLE	1	266,267	0	0
TENABLE HOLDINGS INC	COM	88025T102	2,018,631	52,913	SH	SOLE	1	52,913	0	0
TENAYA THERAPEUTICS INC	COM	87990A106	26,570	13,219	SH	SOLE	1	13,219	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	73,700	8,901	SH	SOLE	1	8,901	0	0
TENET HEALTHCARE CORP	COM	88033G407	8,215,065	168,376	SH	SOLE	1	168,376	0	0
TENNANT CO	COM	880345103	620,379	10,076	SH	SOLE	1	10,076	0	0
TENON MEDICAL INC	COM	88066N105	5,637	3,568	SH	SOLE	1	3,568	0	0
TERADATA CORP	COM	88076W103	5,346,285	158,832	SH	SOLE	1	158,832	0	0
TERADYNE INC	COM	880770102	3,758,059	43,023	SH	SOLE	1	43,023	0	0
TERAWULF INC	COM	88080T104	6,826	10,256	SH	SOLE	1	10,256	0	0
TEREX CORP	COM	880779103	5,809,066	135,980	SH	SOLE	1	135,980	0	0
TERRAN ORBITAL CORP	COM	88105P103	30,737	19,454	SH	SOLE	1	19,454	0	0
TERRENO REALTY CORP	COM	88146M101	1,999,947	35,167	SH	SOLE	1	35,167	0	0
TESLA INC	COM	88160R101	102,812,064	834,649	SH	SOLE	1	834,649	0	0
TETRA TECH INC	COM	88162G103	11,995,598	82,620	SH	SOLE	1	82,620	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	203,742	58,885	SH	SOLE	1	58,885	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,639,940	179,818	SH	SOLE	1	179,818	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	6,082,927	100,861	SH	SOLE	1	100,861	0	0
TEXAS INSTRUMENTS INC	COM	882508104	54,691,785	331,024	SH	SOLE	1	331,024	0	0
TEXAS PACIFIC LAND CORP	COM	88262P102	206,292	88	SH	SOLE	1	88	0	0
TEXAS ROADHOUSE INC	COM	882681109	12,301,078	135,251	SH	SOLE	1	135,251	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	637,597	20,561	SH	SOLE	1	20,561	0	0
TEXTRON INC	COM	883203101	4,000,908	56,510	SH	SOLE	1	56,510	0	0
TFS FINANCIAL CORP	COM	87240R107	7,421	515	SH	SOLE	1	515	0	0
TG THERAPEUTICS INC	COM	88322Q108	745,396	63,009	SH	SOLE	1	63,009	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	346,586	30,890	SH	SOLE	1	30,890	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	64,953,886	117,950	SH	SOLE	1	117,950	0	0
THERMON GROUP	COM	88362T103	314,634	15,669	SH	SOLE	1	15,669	0	0

HOLDINGS INC											
THESEUS PHARMACEUTICALS INC	COM	88369M101	40,024	8,037	SH	SOLE	1	8,037	0	0	
THIRD COAST BANCSHARES INC	COM	88422P109	111,391	6,044	SH	SOLE	1	6,044	0	0	
THIRD HARMONIC BIO INC	COM	88427A107	25,710	5,979	SH	SOLE	1	5,979	0	0	
THOR INDUSTRIES INC	COM	885160101	6,309,832	83,585	SH	SOLE	1	83,585	0	0	
THORNE HEALTHTECH INC	COM	885260109	23,610	6,504	SH	SOLE	1	6,504	0	0	
THOUGHTWORKS HOLDING INC	COM	88546E105	13,288	1,304	SH	SOLE	1	1,304	0	0	
THREDUP INC CLASS A	CL A	88556E102	36,379	27,770	SH	SOLE	1	27,770	0	0	
THRYV HOLDINGS INC	COM	886029206	269,496	14,184	SH	SOLE	1	14,184	0	0	
TIDEWATER INC	COM	88642R109	811,842	22,031	SH	SOLE	1	22,031	0	0	
TILE SHOP HLDGS INC	COM	88677Q109	64,198	14,657	SH	SOLE	1	14,657	0	0	
TILLY S INC CLASS A SHRS	COM	886885102	96,790	10,695	SH	SOLE	1	10,695	0	0	
TIMKEN CO	COM	887389104	7,282,261	103,046	SH	SOLE	1	103,046	0	0	
TIMKENSTEEL CORP	COM	887399103	430,992	23,720	SH	SOLE	1	23,720	0	0	
TIPTREE INC	COM	88822Q103	162,163	11,717	SH	SOLE	1	11,717	0	0	
TITAN INTERNATIONAL INC	COM	88830M102	425,789	27,793	SH	SOLE	1	27,793	0	0	
TITAN MACHINERY INC	COM	88830R101	380,454	9,576	SH	SOLE	1	9,576	0	0	
TJX COMPANIES INC	COM	872540109	27,228,056	342,061	SH	SOLE	1	342,061	0	0	
TOAST INC CLASS A	CL A	888787108	70,389	3,904	SH	SOLE	1	3,904	0	0	
TOLL BROTHERS INC	COM	889478103	8,208,545	164,434	SH	SOLE	1	164,434	0	0	
TOMPKINS FINANCIAL CORP	COM	890110109	578,281	7,454	SH	SOLE	1	7,454	0	0	
TOOTSIE ROLL INDS	COM	890516107	367,592	8,635	SH	SOLE	1	8,635	0	0	
TOPBUILD CORP	COM	89055F103	7,813,233	49,928	SH	SOLE	1	49,928	0	0	
TOPGOLF CALLAWAY BRANDS CORP	COM	131193104	5,543,430	280,680	SH	SOLE	1	280,680	0	0	
TORO CO	COM	891092108	18,430,771	162,816	SH	SOLE	1	162,816	0	0	
TORRID HOLDINGS INC	COM	89142B107	20,454	6,910	SH	SOLE	1	6,910	0	0	
TOWNE BANK	COM	89214P109	982,593	31,861	SH	SOLE	1	31,861	0	0	
TPG RE FINANCE TRUST INC	COM	87266M107	221,435	32,612	SH	SOLE	1	32,612	0	0	
TPI COMPOSITES INC	COM	87266J104	175,473	17,305	SH	SOLE	1	17,305	0	0	
TRACTOR SUPPLY COMPANY	COM	892356106	7,209,164	32,045	SH	SOLE	1	32,045	0	0	
TRADE DESK INC/THE CLASS A	COM	88339J105	301,347	6,722	SH	SOLE	1	6,722	0	0	
TRADEWEB MARKETS INC CLASS A	CL A	892672106	94,149	1,450	SH	SOLE	1	1,450	0	0	
TRAEGER INC	COM	89269P103	44,299	15,709	SH	SOLE	1	15,709	0	0	
TRANE TECHNOLOGIES PLC	PLC SHS	G8994E103	10,591,183	63,009	SH	SOLE	1	63,009	0	0	
TRANSCAT INC	COM	893529107	238,690	3,368	SH	SOLE	1	3,368	0	0	
TRANSCONTINENTAL REALTY INV	COM	893617209	26,243	594	SH	SOLE	1	594	0	0	
TRANSDIGM GROUP INC	COM	893641100	8,892,547	14,123	SH	SOLE	1	14,123	0	0	
TRANSMEDICS GROUP INC	COM	89377M109	890,743	14,432	SH	SOLE	1	14,432	0	0	
TRANSPHORM INC	COM	89386L100	58,551	10,763	SH	SOLE	1	10,763	0	0	
TRANSUNION	COM	89400J107	152,601	2,689	SH	SOLE	1	2,689	0	0	
TRAVEL LEISURE CO	COM	894164102	4,617,813	126,863	SH	SOLE	1	126,863	0	0	
TRAVELCENTERS OF AMERICA INC	COM	89421B109	267,426	5,972	SH	SOLE	1	5,972	0	0	
TRAVELERS COS INC/THE	COM	89417E109	14,181,556	75,639	SH	SOLE	1	75,639	0	0	
TRAVERE THERAPEUTICS INC	COM	89422G107	612,120	29,107	SH	SOLE	1	29,107	0	0	

TREACE MEDICAL CONCEPTS INC	COM	89455T109	362,690	15,776	SH	SOLE	1	15,776	0	0
TREAN INSURANCE GROUP INC	COM	89457R101	64,146	10,691	SH	SOLE	1	10,691	0	0
TREDEGAR CORP	COM	894650100	149,549	14,633	SH	SOLE	1	14,633	0	0
TREEHOUSE FOODS INC	COM	89469A104	1,363,777	27,618	SH	SOLE	1	27,618	0	0
TREX COMPANY INC	COM	89531P105	7,258,283	171,469	SH	SOLE	1	171,469	0	0
TRI POINTE HOMES INC	COM	87265H109	1,019,457	54,839	SH	SOLE	1	54,839	0	0
TRICIDA INC	COM	89610F101	2,408	15,751	SH	SOLE	1	15,751	0	0
TRICO BANCSHARES	COM	896095106	752,510	14,758	SH	SOLE	1	14,758	0	0
TRIMAS CORP	COM	896215209	549,640	19,814	SH	SOLE	1	19,814	0	0
TRIMBLE INC	COM	896239100	3,375,082	66,754	SH	SOLE	1	66,754	0	0
TRINET GROUP INC	COM	896288107	1,201,077	17,715	SH	SOLE	1	17,715	0	0
TRINITY INDUSTRIES INC	COM	896522109	1,318,970	44,605	SH	SOLE	1	44,605	0	0
TRINSEO PLC	COM	G9059U107	431,808	19,014	SH	SOLE	1	19,014	0	0
TRIP.COM GROUP LTD ADR	ADS	89677Q107	265,878	7,729	SH	SOLE	1	7,729	0	0
TRIPADVISOR INC	COM	896945201	2,934,516	163,210	SH	SOLE	1	163,210	0	0
TRITON INTERNATIONAL LTD	COM	G9078F107	1,896,609	27,575	SH	SOLE	1	27,575	0	0
TRIUMPH FINANCIAL INC	COM	89679E300	618,987	12,666	SH	SOLE	1	12,666	0	0
TRIUMPH GROUP INC	COM	896818101	366,959	34,882	SH	SOLE	1	34,882	0	0
TRONOX HOLDINGS PLC	COM	G9087Q102	758,794	55,346	SH	SOLE	1	55,346	0	0
TRUEBLUE INC	COM	89785X101	343,179	17,527	SH	SOLE	1	17,527	0	0
TRUECAR INC	COM	89785L107	103,726	41,325	SH	SOLE	1	41,325	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	18,863,405	438,378	SH	SOLE	1	438,378	0	0
TRUPANION INC	COM	898202106	994,613	20,926	SH	SOLE	1	20,926	0	0
TRUSTCO BANK CORP NY	COM	898349204	383,907	10,213	SH	SOLE	1	10,213	0	0
TRUSTMARK CORP	COM	898402102	1,161,700	33,277	SH	SOLE	1	33,277	0	0
TTEC HOLDINGS INC	COM	89854H102	452,288	10,249	SH	SOLE	1	10,249	0	0
TTM TECHNOLOGIES	COM	87305R109	831,572	55,144	SH	SOLE	1	55,144	0	0
TUCOWS INC CLASS A	COM	898697206	158,983	4,687	SH	SOLE	1	4,687	0	0
TUPPERWARE BRANDS CORP	COM	899896104	86,406	20,871	SH	SOLE	1	20,871	0	0
TURNING POINT BRANDS INC	COM	90041L105	151,453	7,002	SH	SOLE	1	7,002	0	0
TURTLE BEACH CORP	COM	900450206	52,527	7,326	SH	SOLE	1	7,326	0	0
TUSIMPLE HOLDINGS INC A	CL A	90089L108	108,553	66,191	SH	SOLE	1	66,191	0	0
TUTOR PERINI CORP	COM	901109108	150,222	19,897	SH	SOLE	1	19,897	0	0
TWILIO INC A	CL A	90138F102	103,893	2,122	SH	SOLE	1	2,122	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	632,203	26,552	SH	SOLE	1	26,552	0	0
TWO HARBORS INVESTMENT CORP	coM	90187B804	740,370	46,948	SH	SOLE	1	46,948	0	0
TYLER TECHNOLOGIES INC	COM	902252105	4,046,568	12,551	SH	SOLE	1	12,551	0	0
TYRA BIOSCIENCES INC	COM	90240B106	47,675	6,273	SH	SOLE	1	6,273	0	0
TYSON FOODS INC CL A	CL A	902494103	4,877,225	78,349	SH	SOLE	1	78,349	0	0
U HAUL HOLDING CO	COM	023586100	5,598	93	SH	SOLE	1	93	0	0
U HAUL HOLDING CO NON VOTING	COM	023586506	45,798	833	SH	SOLE	1	833	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	566,886	6,996	SH	SOLE	1	6,996	0	0
UBIQUITI INC	COM	90353W103	13,129	48	SH	SOLE	1	48	0	0
UDEMY INC	COM	902685106	364,429	34,543	SH	SOLE	1	34,543	0	0
UDR INC	COM	902653104	3,215,210	83,016	SH	SOLE	1	83,016	0	0
UFP INDUSTRIES INC	COM	90278Q108	2,586,165	32,633	SH	SOLE	1	32,633	0	0
UFP TECHNOLOGIES	COM	902673102	381,020	3,232	SH	SOLE	1	3,232	0	0

INC											
UGI CORP	COM	902681105	12,088,453	326,098	SH	SOLE	1	326,098	0	0	
UIPATH INC CLASS A	CL A	90364P105	51,488	4,051	SH	SOLE	1	4,051	0	0	
ULTA BEAUTY INC	COM	90384S303	7,183,807	15,315	SH	SOLE	1	15,315	0	0	
ULTRA CLEAN HOLDINGS INC	COM	90385V107	814,496	24,570	SH	SOLE	1	24,570	0	0	
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	43,967	949	SH	SOLE	1	949	0	0	
UMB FINANCIAL CORP	COM	902788108	7,358,363	88,103	SH	SOLE	1	88,103	0	0	
UMH PROPERTIES INC	COM	903002103	387,543	24,071	SH	SOLE	1	24,071	0	0	
UMPQUA HOLDINGS CORP	COM	904214103	6,033,960	338,037	SH	SOLE	1	338,037	0	0	
UNDER ARMOUR INC CLASS A	COM	904311107	2,985,709	293,869	SH	SOLE	1	293,869	0	0	
UNDER ARMOUR INC CLASS C	COM	904311206	2,737,164	306,857	SH	SOLE	1	306,857	0	0	
UNIFI INC	COM	904677200	58,341	6,776	SH	SOLE	1	6,776	0	0	
UNIFIRST CORP/MA	COM	904708104	1,571,904	8,145	SH	SOLE	1	8,145	0	0	
UNION PACIFIC CORP	COM	907818108	33,267,038	160,656	SH	SOLE	1	160,656	0	0	
UNIQUIRE NV	COM	N90064101	65,811	2,903	SH	SOLE	1	2,903	0	0	
UNISYS CORP	COM	909214306	184,491	36,104	SH	SOLE	1	36,104	0	0	
UNITED AIRLINES HOLDINGS INC	COM	910047109	3,336,035	88,489	SH	SOLE	1	88,489	0	0	
UNITED BANKSHARES INC	COM	909907107	10,936,875	270,113	SH	SOLE	1	270,113	0	0	
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,952,863	57,777	SH	SOLE	1	57,777	0	0	
UNITED FIRE GROUP INC	COM	910340108	318,142	11,628	SH	SOLE	1	11,628	0	0	
UNITED NATURAL FOODS INC	COM	911163103	1,223,391	31,604	SH	SOLE	1	31,604	0	0	
UNITED PARCEL SERVICE CL B	COM	911312106	33,037,944	190,048	SH	SOLE	1	190,048	0	0	
UNITED RENTALS INC	COM	911363109	6,727,390	18,928	SH	SOLE	1	18,928	0	0	
UNITED STATES LIME MINERAL	COM	911922102	135,130	960	SH	SOLE	1	960	0	0	
UNITED STATES STEEL CORP	COM	912909108	9,139,192	364,838	SH	SOLE	1	364,838	0	0	
UNITED THERAPEUTICS CORP	COM	91307C102	19,737,160	70,974	SH	SOLE	1	70,974	0	0	
UNITEDHEALTH GROUP INC	COM	91324P102	129,898,872	245,009	SH	SOLE	1	245,009	0	0	
UNITI GROUP INC	COM	91325V108	713,282	128,984	SH	SOLE	1	128,984	0	0	
UNITIL CORP	COM	913259107	444,110	8,647	SH	SOLE	1	8,647	0	0	
UNITY BANCORP INC	COM	913290102	91,009	3,330	SH	SOLE	1	3,330	0	0	
UNITY SOFTWARE INC	COM	91332U101	96,977	3,392	SH	SOLE	1	3,392	0	0	
UNIVAR SOLUTIONS INC	COM	91336L107	8,080,316	254,098	SH	SOLE	1	254,098	0	0	
UNIVERSAL CORP/VA	COM	913456109	695,138	13,163	SH	SOLE	1	13,163	0	0	
UNIVERSAL DISPLAY CORP	COM	91347P105	7,336,132	67,902	SH	SOLE	1	67,902	0	0	
UNIVERSAL ELECTRONICS INC	COM	913483103	136,888	6,578	SH	SOLE	1	6,578	0	0	
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	332,058	6,957	SH	SOLE	1	6,957	0	0	
UNIVERSAL HEALTH SERVICES B	COM	913903100	2,443,737	17,345	SH	SOLE	1	17,345	0	0	
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	149,721	14,138	SH	SOLE	1	14,138	0	0	
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	113,663	3,399	SH	SOLE	1	3,399	0	0	
UNIVERSAL TECHNICAL INSTITUT	COM	913915104	105,242	15,661	SH	SOLE	1	15,661	0	0	
UNIVEST FINANCIAL CORP	COM	915271100	356,335	13,637	SH	SOLE	1	13,637	0	0	
UNUM GROUP	COM	91529Y106	11,954,624	291,363	SH	SOLE	1	291,363	0	0	

UPLAND SOFTWARE INC	COM	91544A109	99,692	13,982	SH	SOLE	1	13,982	0	0
UPSTART HOLDINGS INC	COM	91680M107	10,483	793	SH	SOLE	1	793	0	0
UPWORK INC	COM	91688F104	599,872	57,459	SH	SOLE	1	57,459	0	0
UR ENERGY INC	COM	91688R108	113,924	99,064	SH	SOLE	1	99,064	0	0
URANIUM ENERGY CORP	COM	916896103	647,782	166,954	SH	SOLE	1	166,954	0	0
URBAN EDGE PROPERTIES	COM	91704F104	879,329	62,408	SH	SOLE	1	62,408	0	0
URBAN ONE INC	CL A	91705J105	17,818	3,916	SH	SOLE	1	3,916	0	0
URBAN ONE INC	CL D NON VTG	91705J204	19,229	5,114	SH	SOLE	1	5,114	0	0
URBAN OUTFITTERS INC	COM	917047102	821,251	34,434	SH	SOLE	1	34,434	0	0
URSTADT BIDDLE CLASS A	COM	917286205	303,655	16,024	SH	SOLE	1	16,024	0	0
US BANCORP	COM	902973304	18,461,509	423,332	SH	SOLE	1	423,332	0	0
US CELLULAR CORP	COM	911684108	144,928	6,951	SH	SOLE	1	6,951	0	0
US FOODS HOLDING CORP	COM	912008109	70,626	2,076	SH	SOLE	1	2,076	0	0
US SILICA HOLDINGS INC	COM	90346E103	504,925	40,394	SH	SOLE	1	40,394	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	324,414	6,098	SH	SOLE	1	6,098	0	0
USCB FINANCIAL HOLDINGS INC	CL A	90355N101	62,208	5,099	SH	SOLE	1	5,099	0	0
USERTESTING INC	COM	91734E101	170,252	22,670	SH	SOLE	1	22,670	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	163,763	1,629	SH	SOLE	1	1,629	0	0
UTZ BRANDS INC	CL A	918090101	493,072	31,089	SH	SOLE	1	31,089	0	0
UWM HOLDINGS CORP	CL A	91823B109	4,558	1,377	SH	SOLE	1	1,377	0	0
V2X INC	COM	92242T101	234,858	5,688	SH	SOLE	1	5,688	0	0
VAALCO ENERGY INC	COM	91851C201	229,227	50,269	SH	SOLE	1	50,269	0	0
VACASA INC CL A	CL A	91854V107	68,914	54,694	SH	SOLE	1	54,694	0	0
VAIL RESORTS INC	COM	91879Q109	144,202	605	SH	SOLE	1	605	0	0
VALARIS LTD	CL A	G9460G101	1,948,876	28,821	SH	SOLE	1	28,821	0	0
VALERO ENERGY CORP	COM	91913Y100	14,474,345	114,097	SH	SOLE	1	114,097	0	0
VALHI INC	COM	918905209	25,058	1,139	SH	SOLE	1	1,139	0	0
VALLEY NATIONAL BANCORP	COM	919794107	9,659,351	854,054	SH	SOLE	1	854,054	0	0
VALMONT INDUSTRIES	COM	920253101	10,990,148	33,236	SH	SOLE	1	33,236	0	0
VALUE LINE INC	COM	920437100	22,235	437	SH	SOLE	1	437	0	0
VALVOLINE INC	COM	92047W101	9,030,533	276,586	SH	SOLE	1	276,586	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	223,518	30,246	SH	SOLE	1	30,246	0	0
VAREX IMAGING CORP	COM	92214X106	427,985	21,083	SH	SOLE	1	21,083	0	0
VARONIS SYSTEMS INC	COM	922280102	1,233,892	51,541	SH	SOLE	1	51,541	0	0
VAXART INC	COM	92243A200	58,445	60,823	SH	SOLE	1	60,823	0	0
VAXCYTE INC	COM	92243G108	1,626,656	33,924	SH	SOLE	1	33,924	0	0
VBI VACCINES INC	COM	91822J103	35,670	91,204	SH	SOLE	1	91,204	0	0
VECTOR GROUP LTD	COM	92240M108	916,600	77,285	SH	SOLE	1	77,285	0	0
VEECO INSTRUMENTS INC	COM	922417100	513,254	27,624	SH	SOLE	1	27,624	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	344,385	2,134	SH	SOLE	1	2,134	0	0
VELO3D INC	COM	92259N104	48,436	27,059	SH	SOLE	1	27,059	0	0
VELOCITY FINANCIAL INC	COM	92262D101	39,285	4,071	SH	SOLE	1	4,071	0	0
VELODYNE LIDAR INC	COM	92259F101	72,963	98,772	SH	SOLE	1	98,772	0	0
VENTAS INC	COM	92276F100	4,874,230	108,196	SH	SOLE	1	108,196	0	0
VENTYX BIOSCIENCES INC	COM	92332V107	386,758	11,795	SH	SOLE	1	11,795	0	0

VERA THERAPEUTICS INC	CL A	92337R101	131,154	6,778	SH	SOLE	1	6,778	0	0
VERACYTE INC	COM	92337F107	804,328	33,895	SH	SOLE	1	33,895	0	0
VERADIGM INC	COM	01988P108	1,034,921	58,669	SH	SOLE	1	58,669	0	0
VERICEL CORP	COM	92346J108	675,621	25,650	SH	SOLE	1	25,650	0	0
VERINT SYSTEMS INC	COM	92343X100	1,092,064	30,101	SH	SOLE	1	30,101	0	0
VERIS RESIDENTIAL INC	COM	554489104	738,117	46,335	SH	SOLE	1	46,335	0	0
VERISIGN INC	COM	92343E102	5,364,038	26,110	SH	SOLE	1	26,110	0	0
VERISK ANALYTICS INC	COM	92345Y106	11,023,074	62,482	SH	SOLE	1	62,482	0	0
VERITEX HOLDINGS INC	COM	923451108	804,576	28,653	SH	SOLE	1	28,653	0	0
VERITIV CORP	COM	923454102	868,036	7,132	SH	SOLE	1	7,132	0	0
VERITONE INC	COM	92347M100	78,424	14,797	SH	SOLE	1	14,797	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	48,608,726	1,233,724	SH	SOLE	1	1,233,724	0	0
VERRA MOBILITY CORP	COM	92511U102	917,247	66,323	SH	SOLE	1	66,323	0	0
VERTEX ENERGY INC	COM	92534K107	158,615	25,583	SH	SOLE	1	25,583	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	26,939,709	93,288	SH	SOLE	1	93,288	0	0
VERTIV HOLDINGS CO	CL A	92537N108	45,939	3,363	SH	SOLE	1	3,363	0	0
VERU INC	COM	92536C103	162,312	30,741	SH	SOLE	1	30,741	0	0
VERVE THERAPEUTICS INC	COM	92539P101	428,003	22,119	SH	SOLE	1	22,119	0	0
VF CORP	COM	918204108	3,084,755	111,726	SH	SOLE	1	111,726	0	0
VIA RENEWABLES INC	CL A	92556D106	29,730	5,818	SH	SOLE	1	5,818	0	0
VIAD CORP	COM	92552R406	269,997	11,070	SH	SOLE	1	11,070	0	0
VIAANT TECHNOLOGY INC A	CL A	92557A101	27,364	6,807	SH	SOLE	1	6,807	0	0
VIASAT INC	COM	92552V100	3,724,699	117,684	SH	SOLE	1	117,684	0	0
VIATRIS INC	COM	92556V106	3,653,456	328,253	SH	SOLE	1	328,253	0	0
VIAVI SOLUTIONS INC	COM	925550105	1,299,267	123,622	SH	SOLE	1	123,622	0	0
VICARIOUS SURGICAL INC	CL A	92561V109	52,811	26,144	SH	SOLE	1	26,144	0	0
VICI PROPERTIES INC	COM	925652109	8,478,756	261,690	SH	SOLE	1	261,690	0	0
VICOR CORP	COM	925815102	2,413,483	44,902	SH	SOLE	1	44,902	0	0
VICTORIA S SECRET CO	COM	926400102	4,537,834	126,826	SH	SOLE	1	126,826	0	0
VICTORY CAPITAL HOLDING A	CL A	92645B103	209,408	7,805	SH	SOLE	1	7,805	0	0
VIEW INC	CL A	92671V106	52,080	53,975	SH	SOLE	1	53,975	0	0
VIEWRAY INC	COM	92672L107	313,757	70,035	SH	SOLE	1	70,035	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	93,276	4,005	SH	SOLE	1	4,005	0	0
VIMEO INC	COM	92719V100	232,297	67,725	SH	SOLE	1	67,725	0	0
VINCO VENTURES INC	COM	927330100	51,523	111,041	SH	SOLE	1	111,041	0	0
VINTAGE WINE ESTATES INC	COM	92747V106	49,940	15,319	SH	SOLE	1	15,319	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	83,381	6,113	SH	SOLE	1	6,113	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	1,003,516	39,649	SH	SOLE	1	39,649	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	398,972	114,647	SH	SOLE	1	114,647	0	0
VIRIDIAN THERAPEUTICS INC	COM	92790C104	522,567	17,890	SH	SOLE	1	17,890	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	19,798	970	SH	SOLE	1	970	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	720,389	3,763	SH	SOLE	1	3,763	0	0
VISA INC CLASS A SHARES	COM	92826C839	100,255,004	482,552	SH	SOLE	1	482,552	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	5,649,312	261,906	SH	SOLE	1	261,906	0	0
VISHAY PRECISION	COM	92835K103	227,146	5,877	SH	SOLE	1	5,877	0	0

GROUP										
VISTA OUTDOOR INC	COM	928377100	741,360	30,421	SH	SOLE	1	30,421	0	0
VISTAGEN THERAPEUTICS INC	COM	92840H202	10,083	97,890	SH	SOLE	1	97,890	0	0
VISTEON CORP	COM	92839U206	7,418,453	56,703	SH	SOLE	1	56,703	0	0
VISTRA CORP	COM	92840M102	120,176	5,180	SH	SOLE	1	5,180	0	0
VITA COCO CO INC/THE	COM	92846Q107	182,258	13,188	SH	SOLE	1	13,188	0	0
VITAL ENERGY INC	COM	516806205	464,374	9,031	SH	SOLE	1	9,031	0	0
VITAL FARMS INC	COM	92847W103	210,820	14,130	SH	SOLE	1	14,130	0	0
VIVID SEATS INC CLASS A	CL A	92854T100	88,527	12,127	SH	SOLE	1	12,127	0	0
VIVINT SMART HOME INC	CL A	928542109	534,346	44,903	SH	SOLE	1	44,903	0	0
VIZIO HOLDING CORP A	CL A	92858V101	241,610	32,606	SH	SOLE	1	32,606	0	0
VOLTA INC	CL A	92873V102	20,764	58,423	SH	SOLE	1	58,423	0	0
VONTIER CORP	COM	928881101	4,765,966	246,558	SH	SOLE	1	246,558	0	0
VORNADO REALTY TRUST	COM	929042109	910,729	43,764	SH	SOLE	1	43,764	0	0
VOYA FINANCIAL INC	COM	929089100	9,306,081	151,343	SH	SOLE	1	151,343	0	0
VSE CORP	COM	918284100	235,150	5,016	SH	SOLE	1	5,016	0	0
VULCAN MATERIALS CO	COM	929160109	6,381,184	36,441	SH	SOLE	1	36,441	0	0
VUZIX CORP	COM	92921W300	102,120	28,055	SH	SOLE	1	28,055	0	0
WT OFFSHORE INC	COM	92922P106	249,566	44,725	SH	SOLE	1	44,725	0	0
WABASH NATIONAL CORP	COM	929566107	584,730	25,873	SH	SOLE	1	25,873	0	0
WABTEC CORP	COM	929740108	4,912,648	49,220	SH	SOLE	1	49,220	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	10,328,023	276,446	SH	SOLE	1	276,446	0	0
WALKER DUNLOP INC	COM	93148P102	1,309,360	16,684	SH	SOLE	1	16,684	0	0
WALMART INC	COM	931142103	52,112,788	367,535	SH	SOLE	1	367,535	0	0
WALT DISNEY CO/THE	COM	254687106	47,218,846	543,495	SH	SOLE	1	543,495	0	0
WARBY PARKER INC CLASS A	CL A	93403J106	532,653	39,485	SH	SOLE	1	39,485	0	0
WARNER BROS DISCOVERY INC	COM	934423104	7,639,136	805,816	SH	SOLE	1	805,816	0	0
WARRIOR MET COAL INC	COM	93627C101	969,955	28,001	SH	SOLE	1	28,001	0	0
WASHINGTON FEDERAL INC	COM	938824109	4,419,709	131,735	SH	SOLE	1	131,735	0	0
WASHINGTON TRUST BANCORP	COM	940610108	381,450	8,085	SH	SOLE	1	8,085	0	0
WASTE MANAGEMENT INC	COM	94106L109	18,406,103	117,326	SH	SOLE	1	117,326	0	0
WATERS CORP	COM	941848103	5,646,746	16,483	SH	SOLE	1	16,483	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	154,298	8,950	SH	SOLE	1	8,950	0	0
WATSCO INC	COM	942622200	12,941,366	51,890	SH	SOLE	1	51,890	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	8,066,193	55,161	SH	SOLE	1	55,161	0	0
WAYFAIR INC CLASS A	COM	94419L101	34,962	1,063	SH	SOLE	1	1,063	0	0
WD 40 CO	COM	929236107	1,196,017	7,419	SH	SOLE	1	7,419	0	0
WEATHERFORD INTERNATIONAL PL	ORD SHS	G48833118	1,702,663	33,438	SH	SOLE	1	33,438	0	0
WEAVE COMMUNICATIONS INC	COM	94724R108	68,416	14,938	SH	SOLE	1	14,938	0	0
WEBER INC CLASS A	CL A	94770D102	102,935	12,787	SH	SOLE	1	12,787	0	0
WEBSTER FINANCIAL CORP	COM	947890109	12,828,951	270,996	SH	SOLE	1	270,996	0	0
WEC ENERGY GROUP INC	COM	92939U106	11,625,209	123,989	SH	SOLE	1	123,989	0	0
WEIBO CORP SPON ADR	ADR	948596101	13,155	688	SH	SOLE	1	688	0	0
WEIS MARKETS INC	COM	948849104	639,887	7,776	SH	SOLE	1	7,776	0	0
WEJO GROUP LTD	LTD ORD	G9525W109	13,066	27,165	SH	SOLE	1	27,165	0	0

	SHS									
WELLS FARGO CO	COM	949746101	40,970,704	992,267	SH	SOLE	1	992,267	0	0
WELLTOWER INC	COM	95040Q104	8,384,763	127,914	SH	SOLE	1	127,914	0	0
WENDY S CO/THE	COM	95058W100	6,025,916	266,280	SH	SOLE	1	266,280	0	0
WERNER ENTERPRISES INC	COM	950755108	4,868,038	120,915	SH	SOLE	1	120,915	0	0
WESBANCO INC	COM	950810101	1,002,417	27,107	SH	SOLE	1	27,107	0	0
WESCO INTERNATIONAL INC	COM	95082P105	72,240	577	SH	SOLE	1	577	0	0
WEST BANCORPORATION	COM	95123P106	195,815	7,664	SH	SOLE	1	7,664	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	4,804,200	20,413	SH	SOLE	1	20,413	0	0
WESTAMERICA BANCORPORATION	COM	957090103	839,063	14,219	SH	SOLE	1	14,219	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	84,158	1,413	SH	SOLE	1	1,413	0	0
WESTERN DIGITAL CORP	COM	958102105	4,948,018	156,831	SH	SOLE	1	156,831	0	0
WESTERN UNION CO	COM	959802109	8,290,573	602,075	SH	SOLE	1	602,075	0	0
WESTLAKE CORP	COM	960413102	5,497,785	53,616	SH	SOLE	1	53,616	0	0
WESTROCK CO	COM	96145D105	2,797,048	79,552	SH	SOLE	1	79,552	0	0
WEWORK INC CL A	CL A	96209A104	3,142	2,197	SH	SOLE	1	2,197	0	0
WEX INC	COM	96208T104	11,136,546	68,051	SH	SOLE	1	68,051	0	0
WEYCO GROUP INC	COM	962149100	59,058	2,791	SH	SOLE	1	2,791	0	0
WEYERHAEUSER CO	COM	962166104	6,199,070	199,970	SH	SOLE	1	199,970	0	0
WHEELS UP EXPERIENCE INC	CL A	96328L106	78,594	76,305	SH	SOLE	1	76,305	0	0
WHIRLPOOL CORP	COM	963320106	2,084,413	14,735	SH	SOLE	1	14,735	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	36,773	26	SH	SOLE	1	26	0	0
WHITESTONE REIT	COM	966084204	244,827	25,397	SH	SOLE	1	25,397	0	0
WHOLE EARTH BRANDS INC	CL A	96684W100	78,274	19,232	SH	SOLE	1	19,232	0	0
WIDOPENWEST INC	COM	96758W101	231,002	25,357	SH	SOLE	1	25,357	0	0
WILEY (JOHN) SONS CLASS A	COM	968223206	3,475,365	86,754	SH	SOLE	1	86,754	0	0
WILLDAN GROUP INC	COM	96924N100	98,050	5,493	SH	SOLE	1	5,493	0	0
WILLIAMS COS INC	COM	969457100	11,525,035	350,305	SH	SOLE	1	350,305	0	0
WILLIAMS SONOMA INC	COM	969904101	11,969,722	104,157	SH	SOLE	1	104,157	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	7,164,482	29,293	SH	SOLE	1	29,293	0	0
WILLSCOT MOBILE MINI HOLDING	COM CL A	971378104	119,068	2,636	SH	SOLE	1	2,636	0	0
WINGSTOP INC	COM	974155103	8,321,469	60,467	SH	SOLE	1	60,467	0	0
WINMARK CORP	COM	974250102	313,890	1,331	SH	SOLE	1	1,331	0	0
WINNEBAGO INDUSTRIES	COM	974637100	856,322	16,249	SH	SOLE	1	16,249	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	7,997,959	94,628	SH	SOLE	1	94,628	0	0
WISDOMTREE INC	COM	97717P104	393,986	72,291	SH	SOLE	1	72,291	0	0
WIX.COM LTD	COM	M98068105	848,511	11,044	SH	SOLE	1	11,044	0	0
WM TECHNOLOGY INC	COM	92971A109	36,221	35,862	SH	SOLE	1	35,862	0	0
WOLFSPEED INC	COM	977852102	13,355,305	193,443	SH	SOLE	1	193,443	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	460,929	42,171	SH	SOLE	1	42,171	0	0
WOODWARD INC	COM	980745103	9,051,294	93,689	SH	SOLE	1	93,689	0	0
WORKDAY INC CLASS A	COM	98138H101	1,816,534	10,856	SH	SOLE	1	10,856	0	0
WORKHORSE GROUP INC	COM	98138J206	109,738	72,196	SH	SOLE	1	72,196	0	0
WORKIVA INC	COM	98139A105	1,893,943	22,555	SH	SOLE	1	22,555	0	0
WORLD ACCEPTANCE CORP	COM	981419104	137,089	2,079	SH	SOLE	1	2,079	0	0

WORLD FUEL SERVICES CORP	COM	981475106	912,084	33,373	SH	SOLE	1	33,373	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	4,635,378	67,650	SH	SOLE	1	67,650	0	0
WORTHINGTON INDUSTRIES	COM	981811102	3,071,332	61,785	SH	SOLE	1	61,785	0	0
WP CAREY INC	COM	92936U109	165,756	2,121	SH	SOLE	1	2,121	0	0
WR BERKLEY CORP	COM	084423102	4,385,550	60,432	SH	SOLE	1	60,432	0	0
WSFS FINANCIAL CORP	COM	929328102	1,511,182	33,330	SH	SOLE	1	33,330	0	0
WW GRAINGER INC	COM	384802104	6,943,113	12,482	SH	SOLE	1	12,482	0	0
WW INTERNATIONAL INC	COM	98262P101	113,615	29,434	SH	SOLE	1	29,434	0	0
WYNDHAM HOTELS RESORTS INC	COM	98311A105	9,829,798	137,846	SH	SOLE	1	137,846	0	0
WYNN RESORTS LTD	COM	983134107	2,308,253	27,989	SH	SOLE	1	27,989	0	0
XCEL ENERGY INC	COM	98389B100	12,446,418	177,527	SH	SOLE	1	177,527	0	0
XENCOR INC	COM	98401F105	817,057	31,377	SH	SOLE	1	31,377	0	0
XENIA HOTELS RESORTS INC	COM	984017103	818,992	62,139	SH	SOLE	1	62,139	0	0
XERIS BIOPHARMA HOLDINGS INC	COM	98422E103	83,295	62,628	SH	SOLE	1	62,628	0	0
XEROX HOLDINGS CORP	COM	98421M106	3,320,478	227,430	SH	SOLE	1	227,430	0	0
XOMETRY INC A	CL A	98423F109	520,386	16,146	SH	SOLE	1	16,146	0	0
XOS INC	COM	98423B108	11,802	26,647	SH	SOLE	1	26,647	0	0
XPEL INC	COM	98379L100	694,834	11,569	SH	SOLE	1	11,569	0	0
XPENG INC ADR	ADS	98422D105	51,688	5,200	SH	SOLE	1	5,200	0	0
XPERI INC	COM	98423J101	195,094	22,659	SH	SOLE	1	22,659	0	0
XPO INC	COM	983793100	5,967,832	179,268	SH	SOLE	1	179,268	0	0
XPONENTIAL FITNESS INC A	CL A	98422X101	192,085	8,377	SH	SOLE	1	8,377	0	0
XYLEM INC	COM	98419M100	5,406,873	48,900	SH	SOLE	1	48,900	0	0
Y MABS THERAPEUTICS INC	COM	984241109	84,746	17,366	SH	SOLE	1	17,366	0	0
YANDEX NV A	CL A	N97284108	0	4,192	SH	SOLE	1	4,192	0	0
YELP INC	COM	985817105	1,009,256	36,915	SH	SOLE	1	36,915	0	0
YETI HOLDINGS INC	COM	98585X104	5,566,936	134,760	SH	SOLE	1	134,760	0	0
YEXT INC	COM	98585N106	351,765	53,869	SH	SOLE	1	53,869	0	0
YORK WATER CO	COM	987184108	301,816	6,710	SH	SOLE	1	6,710	0	0
YUM BRANDS INC	COM	988498101	10,794,582	84,280	SH	SOLE	1	84,280	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	324,348	5,935	SH	SOLE	1	5,935	0	0
ZAI LAB LTD ADR	ADR	98887Q104	29,257	953	SH	SOLE	1	953	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	3,621,022	14,122	SH	SOLE	1	14,122	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	447,269	22,208	SH	SOLE	1	22,208	0	0
ZETA GLOBAL HOLDINGS CORP A	CL A	98956A105	429,301	52,546	SH	SOLE	1	52,546	0	0
ZIFF DAVIS INC	COM	48123V102	7,485,075	94,628	SH	SOLE	1	94,628	0	0
ZILLOW GROUP INC A	COM	98954M101	18,632	597	SH	SOLE	1	597	0	0
ZILLOW GROUP INC C	COM	98954M200	53,823	1,671	SH	SOLE	1	1,671	0	0
ZIM INTEGRATED SHIPPING SERV	COM	M9T951109	288,878	16,805	SH	SOLE	1	16,805	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	7,995,780	62,712	SH	SOLE	1	62,712	0	0
ZIMVIE INC	COM	98888T107	105,682	11,315	SH	SOLE	1	11,315	0	0
ZIONS BANCORP NA	COM	989701107	1,989,800	40,476	SH	SOLE	1	40,476	0	0
ZIPRECRUITER INC A	CL A	98980B103	566,359	34,492	SH	SOLE	1	34,492	0	0
ZOETIS INC	COM	98978V103	23,593,817	160,995	SH	SOLE	1	160,995	0	0
ZOOM VIDEO COMMUNICATIONS A	CL A	98980L101	1,113,713	16,441	SH	SOLE	1	16,441	0	0

ZOOMINFO TECHNOLOGIES INC	COM	98980F104	126,733	4,209	SH	SOLE	1	4,209	0	0
ZSCALER INC	COM	98980G102	1,011,800	9,042	SH	SOLE	1	9,042	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	149,075	5,548	SH	SOLE	1	5,548	0	0
ZUMIEZ INC	COM	989817101	184,747	8,498	SH	SOLE	1	8,498	0	0
ZUORA INC CLASS A	COM	98983V106	373,777	58,770	SH	SOLE	1	58,770	0	0
ZURN ELKAY WATER SOLUTIONS C	COM	98983L108	1,242,647	58,754	SH	SOLE	1	58,754	0	0
ZYNEX INC	COM	98986M103	163,150	11,729	SH	SOLE	1	11,729	0	0
ALLOVIR INC	COM	019818103	5,791,195	1,128,888	SH	SOLE	2	1,128,888	0	0
AMRYT PHARMA PLC	SPONSORED ADS	03217L106	15	2	SH	SOLE	2	2	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	27,965,400	3,670,000	SH	SOLE	2	3,670,000	0	0
CULLINAN ONCOLOGY INC	COM	230031106	12,910,162	1,223,712	SH	SOLE	2	1,223,712	0	0
DUCK CREEK TECHNOLOGIES INC	SHS	264120106	32,229,858	2,674,677	SH	SOLE	2	2,674,677	0	0
IBEX LTD	SHS NEW	G4690M101	10,038,083	403,947	SH	SOLE	2	403,947	0	0
NRG ENERGY INC	COM NEW	629377508	1,082	34	SH	SOLE	2	34	0	0
ROIVANT SCIENCES LTD	SHS	G76279101	14,499,429	1,814,697	SH	SOLE	2	1,814,697	0	0
SQZ BIOTECHNOLOGIES CO	COM	78472W104	1,862,708	2,517,173	SH	SOLE	2	2,517,173	0	0