

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

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

Report for the Calendar Year or Quarter Ended: 03-31-2021

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: 175 Water Street  
New York, NY 10038

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: Geoffrey N. Cornell  
Title: Vice President and Deputy AIG Chief Investment Officer  
Phone: 212-770-7000

Signature, Place, and Date of Signing:

/s/ Geoffrey N. Cornell      New York, NY      05-07-2021  
[Signature]                      [City, State]                      [Date]

Report Type (Check only one.):

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

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

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

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: 2  
Form 13F Information Table Entry Total: 3,190  
Form 13F Information Table Value Total: 28,513,631  
(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

FORM 13F INFORMATION TABLE

OMB APPROVAL	
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COLUMN 1  NAME OF ISSUER	COLUMN 2  TITLE OF CLASS	COLUMN 3  CUSIP	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
			VALUE (x\$1000)	SHRS OR PRN AMT	SH/	PUT/	INVESTMENT	OTHER	SOLE	SHARED	NONE
1 800 FLOWERS.COM INC CL A	CL A	68243Q106	411	14,885	SH		SOLE	1	14,885	0	0
10X GENOMICS INC CLASS A	CL A	88025U109	233	1,288	SH		SOLE	1	1,288	0	0
1LIFE HEALTHCARE INC	COM	68269G107	1,791	45,824	SH		SOLE	1	45,824	0	0
1ST CONSTITUTION BANCORP	COM	31986N102	93	5,271	SH		SOLE	1	5,271	0	0
1ST SOURCE CORP	COM	336901103	455	9,560	SH		SOLE	1	9,560	0	0
2U INC	COM	90214J101	41	1,062	SH		SOLE	1	1,062	0	0
3D SYSTEMS CORP	COM	88554D205	2,217	80,783	SH		SOLE	1	80,783	0	0
3M CO	COM	88579Y101	219,097	1,137,105	SH		SOLE	1	1,137,105	0	0
4D MOLECULAR THERAPEUTICS IN	COM	35104E100	197	4,535	SH		SOLE	1	4,535	0	0
51JOB INC ADR	ADR	316827104	18	294	SH		SOLE	1	294	0	0
89BIO INC	COM	282559103	115	4,852	SH		SOLE	1	4,852	0	0
8X8 INC	COM	282914100	2,305	71,067	SH		SOLE	1	71,067	0	0
908 DEVICES INC	COM	65443P102	204	4,207	SH		SOLE	1	4,207	0	0
A MARK PRECIOUS METALS INC	COM	00181T107	105	2,925	SH		SOLE	1	2,925	0	0
A10 NETWORKS INC	COM	002121101	336	34,923	SH		SOLE	1	34,923	0	0
AAON INC	COM	000360206	1,913	27,325	SH		SOLE	1	27,325	0	0
AAR CORP	COM	000361105	928	22,286	SH		SOLE	1	22,286	0	0
AARON S CO INC/THE	COM	00258W108	578	22,494	SH		SOLE	1	22,494	0	0
AB INCOME ADV	Fund	01881M442	5,837	738	SH		SOLE		738	0	0
ABBOTT LABORATORIES	COM	002824100	65,717	548,370	SH		SOLE	1	548,370	0	0
ABBVIE INC	COM	00287Y109	59,789	552,481	SH		SOLE	1	552,481	0	0
ABEONA THERAPEUTICS INC	COM	00289Y107	66	35,196	SH		SOLE	1	35,196	0	0
ABERCROMBIE & FITCH CO CL A	CL A	002896207	1,424	41,509	SH		SOLE	1	41,509	0	0
ABIOMED INC	COM	003654100	4,988	15,650	SH		SOLE	1	15,650	0	0
ABM INDUSTRIES INC	COM	000957100	2,277	44,646	SH		SOLE	1	44,646	0	0
ACACIA RESEARCH CORP	COM	003881307	184	27,731	SH		SOLE	1	27,731	0	0
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	473	17,515	SH		SOLE	1	17,515	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	9,219	161,347	SH		SOLE	1	161,347	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	64	2,482	SH		SOLE	1	2,482	0	0
ACADIA REALTY TRUST	COM SH BEN INT	004239109	1,074	56,613	SH		SOLE	1	56,613	0	0
ACCEL ENTERTAINMENT INC	CL A1	00436Q106	321	29,338	SH		SOLE	1	29,338	0	0
ACCELERATE DIAGNOSTICS INC	COM	00430H102	159	19,129	SH		SOLE	1	19,129	0	0

ACCELERON PHARMA INC	COM	00434H108	152	1,120	SH	SOLE	1	1,120	0	0
ACCENTURE PLC CL A	SHS CL A	G1151C101	52,849	191,310	SH	SOLE	1	191,310	0	0
ACCO BRANDS CORP	COM	00081T108	1,607	190,392	SH	SOLE	1	190,392	0	0
ACCOLADE INC	COM	00437E102	847	18,665	SH	SOLE	1	18,665	0	0
ACCURAY INC	COM	004397105	265	53,549	SH	SOLE	1	53,549	0	0
ACELRX PHARMACEUTICALS INC	COM	00444T100	99	58,512	SH	SOLE	1	58,512	0	0
ACI WORLDWIDE INC	COM	004498101	10,565	277,650	SH	SOLE	1	277,650	0	0
ACNB CORP	COM	000868109	144	4,930	SH	SOLE	1	4,930	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	34,902	375,292	SH	SOLE	1	375,292	0	0
ACUITY BRANDS INC	COM	00508Y102	10,772	65,286	SH	SOLE	1	65,286	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	825	19,965	SH	SOLE	1	19,965	0	0
ACUTUS MEDICAL INC	COM	005111109	112	8,401	SH	SOLE	1	8,401	0	0
ADAMS RESOURCES & ENERGY INC	COM	006351308	36	1,279	SH	SOLE	1	1,279	0	0
ADAPTHEALTH CORP	CL A	00653Q102	1,609	43,766	SH	SOLE	1	43,766	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	69	1,709	SH	SOLE	1	1,709	0	0
ADDUS HOMECARE CORP	COM	006739106	1,035	9,896	SH	SOLE	1	9,896	0	0
ADIENT PLC	COM	G0084W101	9,916	224,344	SH	SOLE	1	224,344	0	0
ADMA BIOLOGICS INC	COM	000899104	68	38,412	SH	SOLE	1	38,412	0	0
ADOBE INC	COM	00724F101	102,969	216,609	SH	SOLE	1	216,609	0	0
ADT INC	COM	00090Q103	16	1,845	SH	SOLE	1	1,845	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	4,731	119,661	SH	SOLE	1	119,661	0	0
ADTRAN INC	COM	00738A106	532	31,893	SH	SOLE	1	31,893	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	3,701	20,169	SH	SOLE	1	20,169	0	0
ADVANCE AUTO PARTS ORD	COM	00751Y106	55,047	300	SH	SOLE	1	300	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	3,395	32,834	SH	SOLE	1	32,834	0	0
ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	51	9,237	SH	SOLE	1	9,237	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	2,764	25,321	SH	SOLE	1	25,321	0	0
ADVANCED MICRO DEVICES	COM	007903107	38,216	486,830	SH	SOLE	1	486,830	0	0
ADVANSIX INC	COM	00773T101	491	18,291	SH	SOLE	1	18,291	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	512	51,879	SH	SOLE	1	51,879	0	0
AECOM	COM	00766T100	18,615	290,361	SH	SOLE	1	290,361	0	0
AEGION CORP	COM	00770F104	581	20,208	SH	SOLE	1	20,208	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	208	26,310	SH	SOLE	1	26,310	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	382	21,381	SH	SOLE	1	21,381	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	3,068	65,338	SH	SOLE	1	65,338	0	0
AEROVIRONMENT INC	COM	008073108	1,681	14,487	SH	SOLE	1	14,487	0	0
AES CORP	COM	00130H105	6,851	255,538	SH	SOLE	1	255,538	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	11,516	77,271	SH	SOLE	1	77,271	0	0
AFFIMED NV	COM	N01045108	520	65,765	SH	SOLE	1	65,765	0	0
AFLAC INC	COM	001055102	12,352	241,348	SH	SOLE	1	241,348	0	0
AGCO CORP	COM	001084102	16,057	111,781	SH	SOLE	1	111,781	0	0
AGENUS INC	COM	00847G705	249	91,656	SH	SOLE	1	91,656	0	0
AGILE THERAPEUTICS	COM	00847L100	82	39,580	SH	SOLE	1	39,580	0	0

INC										
AGILENT TECHNOLOGIES INC	COM	00846U101	14,803	116,427	SH	SOLE	1	116,427	0	0
AGILYSYS INC	COM	00847J105	614	12,802	SH	SOLE	1	12,802	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	41	796	SH	SOLE	1	796	0	0
AGNC INVESTMENT CORP	COM	00123Q104	108	6,458	SH	SOLE	1	6,458	0	0
AGREE REALTY CORP	COM	008492100	2,910	43,240	SH	SOLE	1	43,240	0	0
AGRIFY CORP	COM	00853E107	46	3,654	SH	SOLE	1	3,654	0	0
AGROFRESH SOLUTIONS INC	COM	00856G109	36	17,903	SH	SOLE	1	17,903	0	0
AIR LEASE CORP	COM	00912X302	62	1,274	SH	SOLE	1	1,274	0	0
AIR PRODUCTS & CHEMICALS INC	COM	009158106	22,055	78,391	SH	SOLE	1	78,391	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	1,003	34,268	SH	SOLE	1	34,268	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	5,771	56,633	SH	SOLE	1	56,633	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	283	83,472	SH	SOLE	1	83,472	0	0
AKERNA CORP	COM	00973W102	57	11,581	SH	SOLE	1	11,581	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	229	7,891	SH	SOLE	1	7,891	0	0
AKOUOS INC	COM	00973J101	198	14,274	SH	SOLE	1	14,274	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	281	21,071	SH	SOLE	1	21,071	0	0
ALAMO GROUP INC	COM	011311107	1,028	6,582	SH	SOLE	1	6,582	0	0
ALARM.COM HOLDINGS INC	COM	011642105	2,716	31,447	SH	SOLE	1	31,447	0	0
ALASKA AIR GROUP INC	COM	011659109	2,644	38,209	SH	SOLE	1	38,209	0	0
ALASKA COMM SYSTEMS GROUP	COM	01167P101	99	30,544	SH	SOLE	1	30,544	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,709	20,475	SH	SOLE	1	20,475	0	0
ALBEMARLE CORP	COM	012653101	5,420	37,096	SH	SOLE	1	37,096	0	0
ALBERTSONS COS INC CLASS A	COM	013091103	47	2,463	SH	SOLE	1	2,463	0	0
ALBIREO PHARMA INC	COM	01345P106	348	9,872	SH	SOLE	1	9,872	0	0
ALCOA CORP	COM	013872106	4,308	132,596	SH	SOLE	1	132,596	0	0
ALECTOR INC	COM	014442107	543	26,979	SH	SOLE	1	26,979	0	0
ALERUS FINANCIAL CORP	COM	01446U103	257	8,621	SH	SOLE	1	8,621	0	0
ALEXANDER & BALDWIN INC	COM	014491104	806	48,032	SH	SOLE	1	48,032	0	0
ALEXANDER S INC	COM	014752109	346	1,249	SH	SOLE	1	1,249	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	6,558	39,915	SH	SOLE	1	39,915	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	14,083	92,103	SH	SOLE	1	92,103	0	0
ALIBABA GROUP HOLDING SP ADR	ADR	01609W102	5,984	26,391	SH	SOLE	1	26,391	0	0
ALICO INC	COM	016230104	91	3,040	SH	SOLE	1	3,040	0	0
ALIGN TECHNOLOGY INC	COM	016255101	16,645	30,737	SH	SOLE	1	30,737	0	0
ALIGOS THERAPEUTICS INC	COM	01626L105	139	6,098	SH	SOLE	1	6,098	0	0
ALKERMES PLC	COM	G01767105	35	1,888	SH	SOLE	1	1,888	0	0
ALLAKOS INC	COM	01671P100	1,754	15,283	SH	SOLE	1	15,283	0	0
ALLEGHANY CORP	COM	017175100	15,888	25,369	SH	SOLE	1	25,369	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	1,780	84,501	SH	SOLE	1	84,501	0	0

ALLEGIANCE BANCSHARES INC	COM	01748H107	510	12,572	SH	SOLE	1	12,572	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	2,127	8,714	SH	SOLE	1	8,714	0	0
ALLEGION PLC	COM	G0176J109	3,639	28,966	SH	SOLE	1	28,966	0	0
ALLEGRO MICROSYSTEMS INC	COM	01749D105	19	756	SH	SOLE	1	756	0	0
ALLETE INC	COM	018522300	8,328	123,941	SH	SOLE	1	123,941	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	10,091	90,024	SH	SOLE	1	90,024	0	0
ALLIANT ENERGY CORP	COM	018802108	6,354	117,316	SH	SOLE	1	117,316	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	219	4,270	SH	SOLE	1	4,270	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	86	2,111	SH	SOLE	1	2,111	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	1,109	31,423	SH	SOLE	1	31,423	0	0
ALLOVIR INC	COM	019818103	404	17,254	SH	SOLE	1	17,254	0	0
ALLOVIR INC	COM	019818103	23,140	988,888	SH	SOLE	2	988,888	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	1,551	103,271	SH	SOLE	1	103,271	0	0
ALLSTATE CORP	COM	020002101	14,030	122,109	SH	SOLE	1	122,109	0	0
ALLY FINANCIAL INC	COM	02005N100	202	4,471	SH	SOLE	1	4,471	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	366	2,589	SH	SOLE	1	2,589	0	0
ALPHA & OMEGA SEMICONDUCTOR	COM	G6331P104	402	12,303	SH	SOLE	1	12,303	0	0
ALPHA PRO TECH LTD	COM	020772109	70	7,129	SH	SOLE	1	7,129	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	263,070	127,548	SH	SOLE	1	127,548	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	210,502	101,759	SH	SOLE	1	101,759	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	507	32,094	SH	SOLE	1	32,094	0	0
ALPINE INCOME PROPERTY TRUST	COM	02083X103	68	3,900	SH	SOLE	1	3,900	0	0
ALSET EHOME INTERNATIONAL IN	COM	02116A104	15	1,271	SH	SOLE	1	1,271	0	0
ALTA EQUIPMENT GROUP INC	COM	02128L106	131	10,098	SH	SOLE	1	10,098	0	0
ALTABANCORP	COM	021347109	389	9,260	SH	SOLE	1	9,260	0	0
ALTAIR ENGINEERING INC A	COM	021369103	1,583	25,305	SH	SOLE	1	25,305	0	0
ALTERYX INC CLASS A	COM	02156B103	100	1,205	SH	SOLE	1	1,205	0	0
ALTICE USA INC A	COM	02156K103	165	5,060	SH	SOLE	1	5,060	0	0
ALTISOURCE PORTFOLIO SOL	COM	L0175J104	25	2,669	SH	SOLE	1	2,669	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	2,080	37,595	SH	SOLE	1	37,595	0	0
ALTRIA GROUP INC	COM	02209S103	29,793	582,350	SH	SOLE	1	582,350	0	0
ALX ONCOLOGY HOLDINGS INC	COM	00166B105	750	10,168	SH	SOLE	1	10,168	0	0
AMALGAMATED FINANCIAL CORP	COM	022671101	128	7,707	SH	SOLE	1	7,707	0	0
AMAZON.COM INC	COM	023135106	469,718	151,812	SH	SOLE	1	151,812	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	506	30,236	SH	SOLE	1	30,236	0	0
AMBARELLA INC	COM	G037AX101	1,983	19,751	SH	SOLE	1	19,751	0	0
AMC ENTERTAINMENT HLDS CL A	CL A COM	00165C104	2,256	220,924	SH	SOLE	1	220,924	0	0
AMC NETWORKS INC A	COM	00164V103	1,013	19,058	SH	SOLE	1	19,058	0	0
AMCOR PLC	COM	G0250X107	7,751	663,599	SH	SOLE	1	663,599	0	0
AMDOCS LTD	COM	G02602103	108	1,546	SH	SOLE	1	1,546	0	0
AMEDISYS INC	COM	023436108	15,849	59,856	SH	SOLE	1	59,856	0	0

AMER NATL BNKSHS/DANVILLE VA	COM	027745108	205	6,208	SH	SOLE	1	6,208	0	0
AMERANT BANCORP INC	COM	023576101	245	13,218	SH	SOLE	1	13,218	0	0
AMERCO	COM	023586100	66	107	SH	SOLE	1	107	0	0
AMEREN CORPORATION	COM	023608102	6,338	77,906	SH	SOLE	1	77,906	0	0
AMERESCO INC CL A	CL A	02361E108	699	14,373	SH	SOLE	1	14,373	0	0
AMERICA S CAR MART INC	COM	03062T105	622	4,082	SH	SOLE	1	4,082	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	4,700	196,649	SH	SOLE	1	196,649	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	1,087	33,505	SH	SOLE	1	33,505	0	0
AMERICAN AXLE & MFG HOLDINGS	COM	024061103	724	74,929	SH	SOLE	1	74,929	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	10,768	249,430	SH	SOLE	1	249,430	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	10,444	357,167	SH	SOLE	1	357,167	0	0
AMERICAN ELECTRIC POWER	COM	025537101	15,084	178,084	SH	SOLE	1	178,084	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,893	60,028	SH	SOLE	1	60,028	0	0
AMERICAN EXPRESS CO	COM	025816109	33,534	237,093	SH	SOLE	1	237,093	0	0
AMERICAN FINANCE TRUST INC	COM	02607T109	625	63,647	SH	SOLE	1	63,647	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	14,473	126,842	SH	SOLE	1	126,842	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	231	6,943	SH	SOLE	1	6,943	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	11,823	255,860	SH	SOLE	1	255,860	0	0
AMERICAN INTL GROUP	COM NEW	026874784	37,241	805,911	SH	SOLE	2	805,911	0	0
AMERICAN NATIONAL GROUP INC	COM	02772A109	9	88	SH	SOLE	1	88	0	0
AMERICAN OUTDOOR BRANDS INC	COM	02875D109	203	8,071	SH	SOLE	1	8,071	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	355	9,954	SH	SOLE	1	9,954	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	6	636	SH	SOLE	1	636	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	366	17,672	SH	SOLE	1	17,672	0	0
AMERICAN STATES WATER CO	COM	029899101	1,857	24,563	SH	SOLE	1	24,563	0	0
AMERICAN SUPERCONDUCTOR CORP	COM	030111207	297	15,688	SH	SOLE	1	15,688	0	0
AMERICAN TOWER CORP	COM	03027X100	36,687	153,462	SH	SOLE	1	153,462	0	0
AMERICAN VANGUARD CORP	COM	030371108	388	19,032	SH	SOLE	1	19,032	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	12,038	80,298	SH	SOLE	1	80,298	0	0
AMERICAN WELL CORP CLASS A	CL A	03044L105	19	1,103	SH	SOLE	1	1,103	0	0
AMERICAN WOODMARK CORP	COM	030506109	1,112	11,276	SH	SOLE	1	11,276	0	0
AMERICOLD REALTY TRUST	COM	03064D108	235	6,096	SH	SOLE	1	6,096	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	8,358	35,955	SH	SOLE	1	35,955	0	0
AMERIS BANCORP	COM	03076K108	2,334	44,444	SH	SOLE	1	44,444	0	0
AMERISAFE INC	COM	03071H100	817	12,771	SH	SOLE	1	12,771	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	184,563	1,563,167	SH	SOLE	1	1,563,167	0	0

AMES NATIONAL CORP	COM	031001100	131	5,120	SH	SOLE	1	5,120	0	0
AMETEK INC	COM	031100100	10,409	81,493	SH	SOLE	1	81,493	0	0
AMGEN INC	COM	031162100	234,866	943,957	SH	SOLE	1	943,957	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,559	157,843	SH	SOLE	1	157,843	0	0
AMKOR TECHNOLOGY INC	COM	031652100	5,950	250,937	SH	SOLE	1	250,937	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	2,293	31,117	SH	SOLE	1	31,117	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	389	57,806	SH	SOLE	1	57,806	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	445	24,276	SH	SOLE	1	24,276	0	0
AMPHENOL CORP CL A	CL A	032095101	13,248	200,818	SH	SOLE	1	200,818	0	0
AMYRIS INC	COM	03236M200	1,187	62,132	SH	SOLE	1	62,132	0	0
ANALOG DEVICES INC	COM	032654105	23,098	148,940	SH	SOLE	1	148,940	0	0
ANAPLAN INC	COM	03272L108	163	3,028	SH	SOLE	1	3,028	0	0
ANAPTYSBIO INC	COM	032724106	269	12,479	SH	SOLE	1	12,479	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	509	34,035	SH	SOLE	1	34,035	0	0
ANDERSONS INC/THE	COM	034164103	568	20,734	SH	SOLE	1	20,734	0	0
ANGIODYNAMICS INC	COM	03475V101	574	24,536	SH	SOLE	1	24,536	0	0
ANGION BIOMEDICA CORP	COM	03476J107	61	3,384	SH	SOLE	1	3,384	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	227	6,284	SH	SOLE	1	6,284	0	0
ANIKA THERAPEUTICS INC	COM	035255108	381	9,330	SH	SOLE	1	9,330	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	144	16,801	SH	SOLE	1	16,801	0	0
ANNEXON INC	COM	03589W102	433	15,543	SH	SOLE	1	15,543	0	0
ANSYS INC	COM	03662Q105	14,242	41,942	SH	SOLE	1	41,942	0	0
ANTARES PHARMA INC	COM	036642106	394	95,790	SH	SOLE	1	95,790	0	0
ANTERIX INC	COM	03676C100	306	6,492	SH	SOLE	1	6,492	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	4,683	518,569	SH	SOLE	1	518,569	0	0
ANTERO RESOURCES CORP	COM	03674X106	1,443	141,493	SH	SOLE	1	141,493	0	0
ANTHEM INC	COM	036752103	29,311	81,659	SH	SOLE	1	81,659	0	0
AON PLC CLASS A	CL A	G0403H108	17,761	77,186	SH	SOLE	1	77,186	0	0
APA CORP	COM	03743Q108	2,082	116,314	SH	SOLE	1	116,314	0	0
APARTMENT INCOME REIT CO	COM	03750L109	11,535	269,770	SH	SOLE	1	269,770	0	0
APARTMENT INVT & MGMT CO A	COM	03748R747	11	1,771	SH	SOLE	1	1,771	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	1,502	35,001	SH	SOLE	1	35,001	0	0
API GROUP CORP	COM	00187Y100	1,688	81,620	SH	SOLE	1	81,620	0	0
APOGEE ENTERPRISES INC	COM	037598109	701	17,156	SH	SOLE	1	17,156	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	1,297	92,862	SH	SOLE	1	92,862	0	0
APOLLO GLOBAL MANAGEMENT INC	CL A	03768E105	138	2,927	SH	SOLE	1	2,927	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	319	11,778	SH	SOLE	1	11,778	0	0
APPFOLIO INC A	COM	03783C100	1,345	9,508	SH	SOLE	1	9,508	0	0
APPIAN CORP	COM	03782L101	2,757	20,740	SH	SOLE	1	20,740	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	37	2,508	SH	SOLE	1	2,508	0	0
APPLE INC	COM	037833100	674,731	5,523,790	SH	SOLE	1	5,523,790	0	0

APPLE ORD	COM	037833100	48,860	400	SH	SOLE		400	0	0
APPLIED GENETIC TECHNOLOGIES	COM	03820J100	127	24,970	SH	SOLE	1	24,970	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	2,348	25,754	SH	SOLE	1	25,754	0	0
APPLIED MATERIALS INC	COM	038222105	49,720	372,154	SH	SOLE	1	372,154	0	0
APPLIED MOLECULAR TRANSPORT	COM	03824M109	569	12,939	SH	SOLE	1	12,939	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	122	14,649	SH	SOLE	1	14,649	0	0
APPLIED THERAPEUTICS INC	COM	03828A101	169	9,024	SH	SOLE	1	9,024	0	0
APREA THERAPEUTICS INC	COM	03836J102	21	4,191	SH	SOLE	1	4,191	0	0
APRIA INC	COM	03836A101	123	4,413	SH	SOLE	1	4,413	0	0
APTARGROUP INC	COM	038336103	16,728	118,080	SH	SOLE	1	118,080	0	0
APTINYX INC	COM	03836N103	60	19,885	SH	SOLE	1	19,885	0	0
APTIV PLC	COM	G6095L109	11,716	84,963	SH	SOLE	1	84,963	0	0
APYX MEDICAL CORP	COM	03837C106	188	19,485	SH	SOLE	1	19,485	0	0
AQUESTIVE THERAPEUTICS INC	COM	03843E104	60	11,581	SH	SOLE	1	11,581	0	0
ARAMARK	COM	03852U106	103	2,731	SH	SOLE	1	2,731	0	0
ARAVIVE INC	COM	03890D108	47	7,086	SH	SOLE	1	7,086	0	0
ARBOR REALTY TRUST INC	COM	038923108	1,836	115,472	SH	SOLE	1	115,472	0	0
ARCBEST CORP	COM	03937C105	1,182	16,795	SH	SOLE	1	16,795	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	181	4,706	SH	SOLE	1	4,706	0	0
ARCH RESOURCES INC	CL A	03940R107	366	8,804	SH	SOLE	1	8,804	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	9,795	171,847	SH	SOLE	1	171,847	0	0
ARCHROCK INC	COM	03957W106	819	86,297	SH	SOLE	1	86,297	0	0
ARCONIC CORP	COM	03966V107	1,679	66,145	SH	SOLE	1	66,145	0	0
ARCOSA INC	COM	039653100	2,103	32,309	SH	SOLE	1	32,309	0	0
ARCTURUS THERAPEUTICS HOLDIN	COM	03969T109	485	11,737	SH	SOLE	1	11,737	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	690	24,567	SH	SOLE	1	24,567	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	390	13,471	SH	SOLE	1	13,471	0	0
ARDAGH GROUP SA	COM	L0223L101	6	221	SH	SOLE	1	221	0	0
ARDELYX INC	COM	039697107	286	43,147	SH	SOLE	1	43,147	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	89	19,551	SH	SOLE	1	19,551	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	2,352	33,889	SH	SOLE	1	33,889	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	246	17,928	SH	SOLE	1	17,928	0	0
ARES MANAGEMENT CORP A	COM	03990B101	123	2,200	SH	SOLE	1	2,200	0	0
ARGAN INC	COM	04010E109	458	8,589	SH	SOLE	1	8,589	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	952	18,918	SH	SOLE	1	18,918	0	0
ARISTA NETWORKS INC	COM	040413106	5,444	18,034	SH	SOLE	1	18,034	0	0
ARLINGTON ASSET INVESTMENT A	COM	041356205	78	19,312	SH	SOLE	1	19,312	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	332	52,852	SH	SOLE	1	52,852	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	616	49,147	SH	SOLE	1	49,147	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	521	42,733	SH	SOLE	1	42,733	0	0
ARMSTRONG WORLD	COM	04247X102	68	754	SH	SOLE	1	754	0	0



## INDUSTRIES

ARRAY TECHNOLOGIES INC	COM	04271T100	47	1,571	SH	SOLE	1	1,571	0	0
ARROW ELECTRONICS INC	COM	042735100	14,982	135,190	SH	SOLE	1	135,190	0	0
ARROW FINANCIAL CORP	COM	042744102	257	7,723	SH	SOLE	1	7,723	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	16,516	249,077	SH	SOLE	1	249,077	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	185	4,690	SH	SOLE	1	4,690	0	0
ARTHUR J GALLAGHER & CO	COM	363576109	7,544	60,464	SH	SOLE	1	60,464	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	1,720	32,963	SH	SOLE	1	32,963	0	0
ARVINAS INC	COM	04335A105	1,393	21,081	SH	SOLE	1	21,081	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	2,522	12,835	SH	SOLE	1	12,835	0	0
ASGN INC	COM	00191U102	11,938	125,080	SH	SOLE	1	125,080	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	8,785	98,958	SH	SOLE	1	98,958	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	3,011	4,877	SH	SOLE	1	4,877	0	0
ASPEN AEROGELS INC	COM	04523Y105	245	12,039	SH	SOLE	1	12,039	0	0
ASPEN GROUP INC	COM	04530L203	78	12,980	SH	SOLE	1	12,980	0	0
ASPEN TECHNOLOGY INC	COM	045327103	212	1,468	SH	SOLE	1	1,468	0	0
ASPIRA WOMEN S HEALTH INC	COM	04537Y109	335	49,640	SH	SOLE	1	49,640	0	0
ASSEMBLY BIOSCIENCES INC	COM	045396108	82	17,886	SH	SOLE	1	17,886	0	0
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	223	9,535	SH	SOLE	1	9,535	0	0
ASSOCIATED BANC CORP	COM	045487105	5,910	276,952	SH	SOLE	1	276,952	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	37	1,044	SH	SOLE	1	1,044	0	0
ASSURANT INC	COM	04621X108	2,528	17,834	SH	SOLE	1	17,834	0	0
ASSURED GUARANTY LTD	COM	G0585R106	309	7,297	SH	SOLE	1	7,297	0	0
ASTEC INDUSTRIES INC	COM	046224101	1,129	14,963	SH	SOLE	1	14,963	0	0
ASTRONICS CORP	COM	046433108	250	13,832	SH	SOLE	1	13,832	0	0
ASURE SOFTWARE INC	COM	04649U102	72	9,432	SH	SOLE	1	9,432	0	0
AT HOME GROUP INC	COM	04650Y100	908	31,621	SH	SOLE	1	31,621	0	0
AT&T INC	COM	00206R102	69,848	2,307,508	SH	SOLE	1	2,307,508	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	671	46,732	SH	SOLE	1	46,732	0	0
ATEA PHARMACEUTICALS INC	COM	04683R106	522	8,452	SH	SOLE	1	8,452	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	69	1,363	SH	SOLE	1	1,363	0	0
ATHENEX INC	COM	04685N103	178	41,309	SH	SOLE	1	41,309	0	0
ATHERSYS INC	COM	04744L106	182	101,084	SH	SOLE	1	101,084	0	0
ATHIRA PHARMA INC	COM	04746L104	149	8,089	SH	SOLE	1	8,089	0	0
ATKORE INC	COM	047649108	1,960	27,267	SH	SOLE	1	27,267	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	284	11,787	SH	SOLE	1	11,787	0	0
ATLANTIC POWER CORP	COM	04878Q863	147	50,694	SH	SOLE	1	50,694	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,743	45,427	SH	SOLE	1	45,427	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	89	2,942	SH	SOLE	1	2,942	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	1,044	17,276	SH	SOLE	1	17,276	0	0

ATLIASSIAN CORP PLC CLASS A	CL A	G06242104	1,759	8,346	SH	SOLE	1	8,346	0	0
ATMOS ENERGY CORP	COM	049560105	3,898	39,437	SH	SOLE	1	39,437	0	0
ATN INTERNATIONAL INC	COM	00215F107	365	7,435	SH	SOLE	1	7,435	0	0
ATOMERA INC	COM	04965B100	259	10,558	SH	SOLE	1	10,558	0	0
ATRECA INC A	COM	04965G109	257	16,790	SH	SOLE	1	16,790	0	0
ATRICURE INC	COM	04963C209	1,670	25,484	SH	SOLE	1	25,484	0	0
ATRION CORPORATION	COM	049904105	528	823	SH	SOLE	1	823	0	0
AUBURN NATL BANCORPORATION	COM	050473107	52	1,364	SH	SOLE	1	1,364	0	0
AUTODESK INC	COM	052769106	27,094	97,760	SH	SOLE	1	97,760	0	0
AUTOHOME INC ADR	ADR	05278C107	72	772	SH	SOLE	1	772	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	215,775	1,144,879	SH	SOLE	1	1,144,879	0	0
AUTONATION INC	COM	05329W102	9,310	99,874	SH	SOLE	1	99,874	0	0
AUTOZONE INC	COM	053332102	9,975	7,103	SH	SOLE	1	7,103	0	0
AVALARA INC	COM	05338G106	247	1,850	SH	SOLE	1	1,850	0	0
AVALON GLOBOCARE CORP	COM	05344R104	13	11,705	SH	SOLE	1	11,705	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	8,047	43,615	SH	SOLE	1	43,615	0	0
AVANGRID INC	COM	05351W103	34	678	SH	SOLE	1	678	0	0
AVANOS MEDICAL INC	COM	05350V106	4,991	114,104	SH	SOLE	1	114,104	0	0
AVANTOR INC	COM	05352A100	321	11,107	SH	SOLE	1	11,107	0	0
AVAYA HOLDINGS CORP	COM	05351X101	1,367	48,753	SH	SOLE	1	48,753	0	0
AVENUE THERAPEUTICS INC	COM	05360L205	24	3,884	SH	SOLE	1	3,884	0	0
AVEO PHARMACEUTICALS INC	COM	053588307	93	12,725	SH	SOLE	1	12,725	0	0
AVERY DENNISON CORP	COM	053611109	4,826	26,277	SH	SOLE	1	26,277	0	0
AVID BIOSERVICES INC	COM	05368M106	642	35,222	SH	SOLE	1	35,222	0	0
AVID TECHNOLOGY INC	COM	05367P100	389	18,419	SH	SOLE	1	18,419	0	0
AVIDITY BIOSCIENCES INC	COM	05370A108	388	17,769	SH	SOLE	1	17,769	0	0
AVIENT CORP	COM	05368V106	10,287	217,619	SH	SOLE	1	217,619	0	0
AVIS BUDGET GROUP INC	COM	053774105	8,976	123,733	SH	SOLE	1	123,733	0	0
AVISTA CORP	COM	05379B107	2,189	45,840	SH	SOLE	1	45,840	0	0
AVNET INC	COM	053807103	7,481	180,219	SH	SOLE	1	180,219	0	0
AVROBIO INC	COM	05455M100	263	20,710	SH	SOLE	1	20,710	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	75	2,520	SH	SOLE	1	2,520	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	912	22,199	SH	SOLE	1	22,199	0	0
AXCELLA HEALTH INC	COM	05454B105	43	9,025	SH	SOLE	1	9,025	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	53	1,070	SH	SOLE	1	1,070	0	0
AXOGEN INC	COM	05463X106	439	21,668	SH	SOLE	1	21,668	0	0
AXON ENTERPRISE INC	COM	05464C101	16,554	116,232	SH	SOLE	1	116,232	0	0
AXONICS MODULATION TECHNOLOG	COM	05465P101	1,056	17,633	SH	SOLE	1	17,633	0	0
AXOS FINANCIAL INC	COM	05465C100	1,768	37,615	SH	SOLE	1	37,615	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	914	16,148	SH	SOLE	1	16,148	0	0
AXT INC	COM	00246W103	268	23,014	SH	SOLE	1	23,014	0	0
AYTU BIOPHARMA INC	COM	054754874	97	12,755	SH	SOLE	1	12,755	0	0
AZEK CO INC/THE	CL A	05478C105	52	1,243	SH	SOLE	1	1,243	0	0
AZIYO BIOLOGICS INC CLASS A	CL A	05479K106	18	1,298	SH	SOLE	1	1,298	0	0
AZZ INC	COM	002474104	848	16,833	SH	SOLE	1	16,833	0	0
B. RILEY FINANCIAL	COM	05580M108	658	11,665	SH	SOLE	1	11,665	0	0

INC										
B&G FOODS INC	COM	05508R106	1,322	42,555	SH	SOLE	1	42,555	0	0
BADGER METER INC	COM	056525108	1,807	19,413	SH	SOLE	1	19,413	0	0
BAIDU INC SPON ADR	ADR	056752108	4,540	20,867	SH	SOLE	1	20,867	0	0
BAKER HUGHES CO	COM	05722G100	7,758	358,992	SH	SOLE	1	358,992	0	0
BALCHEM CORP	COM	057665200	2,689	21,444	SH	SOLE	1	21,444	0	0
BALL CORP	COM	058498106	10,357	122,221	SH	SOLE	1	122,221	0	0
BALLY S CORP	COM	05875B106	679	10,445	SH	SOLE	1	10,445	0	0
BANC OF CALIFORNIA INC	COM	05990K106	538	29,730	SH	SOLE	1	29,730	0	0
BANCFIRST CORP	COM	05945F103	883	12,489	SH	SOLE	1	12,489	0	0
BANCORP INC/THE	COM	05969A105	623	30,047	SH	SOLE	1	30,047	0	0
BANCORPSOUTH BANK	COM	05971J102	7,513	231,312	SH	SOLE	1	231,312	0	0
BANDWIDTH INC CLASS A	COM	05988J103	1,417	11,180	SH	SOLE	1	11,180	0	0
BANK FIRST CORP	COM	06211J100	274	3,659	SH	SOLE	1	3,659	0	0
BANK OF AMERICA CORP	COM	060505104	89,200	2,305,509	SH	SOLE	1	2,305,509	0	0
BANK OF COMMERCE HOLDINGS	COM	06424J103	118	9,270	SH	SOLE	1	9,270	0	0
BANK OF HAWAII CORP	COM	062540109	6,508	72,726	SH	SOLE	1	72,726	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	302	7,710	SH	SOLE	1	7,710	0	0
BANK OF N.T. BUTTERFIELD&SON	COM	G0772R208	1,116	29,208	SH	SOLE	1	29,208	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	14,818	313,342	SH	SOLE	1	313,342	0	0
BANK OZK	COM	06417N103	8,950	219,087	SH	SOLE	1	219,087	0	0
BANK7 CORP	COM	06652N107	28	1,615	SH	SOLE	1	1,615	0	0
BANKFINANCIAL CORP	COM	06643P104	80	7,713	SH	SOLE	1	7,713	0	0
BANKUNITED INC	COM	06652K103	2,691	61,218	SH	SOLE	1	61,218	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	104	3,864	SH	SOLE	1	3,864	0	0
BANNER CORPORATION	COM	06652V208	1,236	23,178	SH	SOLE	1	23,178	0	0
BAOZUN INC SPN ADR	ADR	06684L103	27	720	SH	SOLE	1	720	0	0
BAR HARBOR BANKSHARES	COM	066849100	253	8,615	SH	SOLE	1	8,615	0	0
BARNES & NOBLE EDUCATION INC	COM	06777U101	21	2,527	SH	SOLE	1	2,527	0	0
BARNES GROUP INC	COM	067806109	1,548	31,257	SH	SOLE	1	31,257	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	304	4,419	SH	SOLE	1	4,419	0	0
BAXTER INTERNATIONAL INC	COM	071813109	15,643	185,475	SH	SOLE	1	185,475	0	0
BAYCOM CORP	COM	07272M107	113	6,282	SH	SOLE	1	6,282	0	0
BCB BANCORP INC	COM	055298103	116	8,378	SH	SOLE	1	8,378	0	0
BCE INC	COM	05534B950	1,083	23,993	SH	SOLE	1	23,993	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,665	31,832	SH	SOLE	1	31,832	0	0
BEAM THERAPEUTICS INC	COM	07373V105	1,861	23,254	SH	SOLE	1	23,254	0	0
BEAZER HOMES USA INC	COM	07556Q881	348	16,620	SH	SOLE	1	16,620	0	0
BECTON DICKINSON AND CO	COM	075887109	20,902	85,965	SH	SOLE	1	85,965	0	0
BED BATH & BEYOND INC	COM	075896100	2,358	80,881	SH	SOLE	1	80,881	0	0
BEIGENE LTD ADR	SPON ADR	07725L102	209	600	SH	SOLE	1	600	0	0
BEL FUSE INC CL B	COM	077347300	133	6,696	SH	SOLE	1	6,696	0	0
BELDEN INC	COM	077454106	4,709	106,121	SH	SOLE	1	106,121	0	0
BELLEROPHON THERAPEUTICS INC	COM	078771300	14	2,614	SH	SOLE	1	2,614	0	0
BELLRING BRANDS INC	COM CL A	079823100	548	23,199	SH	SOLE	1	23,199	0	0

CLASS A										
BENCHMARK ELECTRONICS INC	COM	08160H101	751	24,282	SH	SOLE	1	24,282	0	0
BENEFITFOCUS INC	COM	08180D106	233	16,905	SH	SOLE	1	16,905	0	0
BERKELEY LIGHTS INC	COM	084310101	22	439	SH	SOLE	1	439	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	144,116	564,120	SH	SOLE	1	564,120	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	1,198	53,683	SH	SOLE	1	53,683	0	0
BERRY CORP	COM	08579X101	217	39,469	SH	SOLE	1	39,469	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	128	2,085	SH	SOLE	1	2,085	0	0
BEST BUY CO INC	COM	086516101	158,212	1,378,037	SH	SOLE	1	1,378,037	0	0
BEYOND AIR INC	COM	08862L103	53	9,637	SH	SOLE	1	9,637	0	0
BEYOND MEAT INC	COM	08862E109	138	1,060	SH	SOLE	1	1,060	0	0
BEYONDSRING INC	COM	G10830100	123	11,081	SH	SOLE	1	11,081	0	0
BGC PARTNERS INC CL A	CL A	05541T101	872	180,555	SH	SOLE	1	180,555	0	0
BGSF INC	COM	05601C105	80	5,724	SH	SOLE	1	5,724	0	0
BIG LOTS INC	COM	089302103	1,670	24,449	SH	SOLE	1	24,449	0	0
BIGCOMMERCE HOLDINGS SER 1	COM SER 1	08975P108	52	897	SH	SOLE	1	897	0	0
BIGLARI HOLDINGS INC A	CL A	08986R408	29	43	SH	SOLE	1	43	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	71	538	SH	SOLE	1	538	0	0
BILIBILI INC SPONSORED ADR	ADS REP Z	090040106	175	1,635	SH	SOLE	1	1,635	0	0
BILL.COM HOLDINGS INC	COM	090043100	242	1,663	SH	SOLE	1	1,663	0	0
BIO RAD LABORATORIES A	COM	090572207	5,455	9,551	SH	SOLE	1	9,551	0	0
BIO TECHNE CORP	COM	09073M104	26,997	70,687	SH	SOLE	1	70,687	0	0
BIOATLA INC	COM	09077B104	343	6,750	SH	SOLE	1	6,750	0	0
BIOCRIST PHARMACEUTICALS INC	COM	09058V103	1,047	102,952	SH	SOLE	1	102,952	0	0
BIODELIVERY SCIENCES INTL	COM	09060J106	205	52,302	SH	SOLE	1	52,302	0	0
BIODESIX INC	COM	09075X108	36	1,770	SH	SOLE	1	1,770	0	0
BIOGEN INC	COM	09062X103	18,879	67,487	SH	SOLE	1	67,487	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	2,102	30,753	SH	SOLE	1	30,753	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	295	8,196	SH	SOLE	1	8,196	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	293	3,876	SH	SOLE	1	3,876	0	0
BIOSIG TECHNOLOGIES INC	COM	09073N201	63	14,536	SH	SOLE	1	14,536	0	0
BIOVENTUS INC A	CL A	09075A108	68	4,472	SH	SOLE	1	4,472	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	321	7,448	SH	SOLE	1	7,448	0	0
BJ S RESTAURANTS INC	COM	09180C106	859	14,786	SH	SOLE	1	14,786	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	14,668	326,966	SH	SOLE	1	326,966	0	0
BLACK DIAMOND THERAPEUTICS I	COM	09203E105	256	10,539	SH	SOLE	1	10,539	0	0
BLACK HILLS CORP	COM	092113109	9,996	149,712	SH	SOLE	1	149,712	0	0
BLACK KNIGHT INC	COM	09215C105	251	3,394	SH	SOLE	1	3,394	0	0
BLACKBAUD INC	COM	09227Q100	8,207	115,460	SH	SOLE	1	115,460	0	0
BLACKLINE INC	COM	09239B109	3,631	33,497	SH	SOLE	1	33,497	0	0
BLACKROCK INC	COM	09247X101	40,761	54,062	SH	SOLE	1	54,062	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	2,518	81,212	SH	SOLE	1	81,212	0	0

BLOOM ENERGY CORP A	COM	093712107	1,398	51,696	SH	SOLE	1	51,696	0	0
BLOOMIN BRANDS INC	COM	094235108	1,561	57,697	SH	SOLE	1	57,697	0	0
BLUCORA INC	COM	095229100	534	32,086	SH	SOLE	1	32,086	0	0
BLUE BIRD CORP	COM	095306106	227	9,060	SH	SOLE	1	9,060	0	0
BLUEBIRD BIO INC	COM	09609G100	33	1,101	SH	SOLE	1	1,101	0	0
BLUEGREEN VACATIONS CORP	COM	09629F108	32	3,013	SH	SOLE	1	3,013	0	0
BLUEGREEN VACATIONS HOLDING	CL A	096308101	135	7,271	SH	SOLE	1	7,271	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	3,411	35,082	SH	SOLE	1	35,082	0	0
BLUEROCK RESIDENTIAL GROWTH	COM	09627J102	130	12,894	SH	SOLE	1	12,894	0	0
BM TECHNOLOGIES INC	CL A	05591L107	35	3,014	SH	SOLE	1	3,014	0	0
BOEING CO/THE	COM	097023105	42,701	167,638	SH	SOLE	1	167,638	0	0
BOGOTA FINANCIAL CORP	COM	097235105	35	3,372	SH	SOLE	1	3,372	0	0
BOINGO WIRELESS INC	COM	09739C102	359	25,536	SH	SOLE	1	25,536	0	0
BOISE CASCADE CO	COM	09739D100	1,558	26,045	SH	SOLE	1	26,045	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	33	375	SH	SOLE	1	375	0	0
BOLT BIOTHERAPEUTICS INC	COM	097702104	243	7,393	SH	SOLE	1	7,393	0	0
BONANZA CREEK ENERGY INC	COM	097793400	488	13,671	SH	SOLE	1	13,671	0	0
BOOKING HOLDINGS INC	COM	09857L108	40,768	17,498	SH	SOLE	1	17,498	0	0
BOOT BARN HOLDINGS INC	COM	099406100	1,187	19,051	SH	SOLE	1	19,051	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	244	3,034	SH	SOLE	1	3,034	0	0
BORGWARNER INC	COM	099724106	4,626	99,788	SH	SOLE	1	99,788	0	0
BOSTON BEER COMPANY INC A	COM	100557107	20,229	16,770	SH	SOLE	1	16,770	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	226	7,659	SH	SOLE	1	7,659	0	0
BOSTON PRIVATE FINL HOLDING	COM	101119105	727	54,604	SH	SOLE	1	54,604	0	0
BOSTON PROPERTIES INC	COM	101121101	4,560	45,029	SH	SOLE	1	45,029	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	16,205	419,286	SH	SOLE	1	419,286	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	1,317	29,094	SH	SOLE	1	29,094	0	0
BOX INC CLASS A	COM	10316T104	1,919	83,571	SH	SOLE	1	83,571	0	0
BOYD GAMING CORP	COM	103304101	11,343	192,378	SH	SOLE	1	192,378	0	0
BP ADR EACH REPSTNG SIX ORD	COM	055622104	60,875	2,500	SH	SOLE	1	2,500	0	0
BRADY CORPORATION CL A	CL A	104674106	2,782	52,044	SH	SOLE	1	52,044	0	0
BRAINSTORM CELL THERAPEUTICS	COM	10501E201	68	17,776	SH	SOLE	1	17,776	0	0
BRANDYWINE REALTY TRUST	COM	105368203	209	16,193	SH	SOLE	1	16,193	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	3,378	54,834	SH	SOLE	1	54,834	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	226,072	3,670,000	SH	SOLE	2	3,670,000	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	204	12,604	SH	SOLE	1	12,604	0	0
BRIDGFORD FOODS CORP	COM	108763103	15	982	SH	SOLE	1	982	0	0
BRIGHAM MINERALS INC CL A	CL A	10918L103	362	24,718	SH	SOLE	1	24,718	0	0
BRIGHT HORIZONS	COM	109194100	197	1,151	SH	SOLE	1	1,151	0	0

FAMILY SOLUT										
BRIGHTCOVE	COM	10921T101	463	23,001	SH	SOLE	1	23,001	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	7,007	158,360	SH	SOLE	1	158,360	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	830	40,709	SH	SOLE	1	40,709	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	402	23,838	SH	SOLE	1	23,838	0	0
BRINK S CO/THE	COM	109696104	9,335	117,818	SH	SOLE	1	117,818	0	0
BRINKER INTERNATIONAL INC	COM	109641100	2,146	30,205	SH	SOLE	1	30,205	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	199,196	3,155,327	SH	SOLE	1	3,155,327	0	0
BRISTOW GROUP INC	COM	11040G103	148	5,701	SH	SOLE	1	5,701	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	10,880	537,803	SH	SOLE	1	537,803	0	0
BROADCOM INC	COM	11135F101	251,517	542,461	SH	SOLE	1	542,461	0	0
BROADMARK REALTY CAPITAL INC	COM	11135B100	784	74,994	SH	SOLE	1	74,994	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	5,730	37,424	SH	SOLE	1	37,424	0	0
BROADSTONE NET LEASE INC	COM	11135E203	380	20,752	SH	SOLE	1	20,752	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	648	107,042	SH	SOLE	1	107,042	0	0
BROOKFIELD INFRASTRUCTURE A	CL A	11275Q107	1,413	18,498	SH	SOLE	1	18,498	0	0
BROOKFIELD PROPERTY REIT I A	COM	11282X103	15	833	SH	SOLE	1	833	0	0
BROOKFIELD RENEWABLE COR A	CL A SUB VTG	11284V105	3,510	75,006	SH	SOLE	1	75,006	0	0
BROOKLINE BANCORP INC	COM	11373M107	775	51,686	SH	SOLE	1	51,686	0	0
BROOKS AUTOMATION INC	COM	114340102	14,367	175,955	SH	SOLE	1	175,955	0	0
BROWN & BROWN INC	COM	115236101	21,494	470,222	SH	SOLE	1	470,222	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	60	942	SH	SOLE	1	942	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	4,052	58,754	SH	SOLE	1	58,754	0	0
BRP GROUP INC A	COM CL A	05589G102	674	24,736	SH	SOLE	1	24,736	0	0
BRT APARTMENTS CORP	COM	055645303	103	6,138	SH	SOLE	1	6,138	0	0
BRUKER CORP	COM	116794108	109	1,694	SH	SOLE	1	1,694	0	0
BRUNSWICK CORP	COM	117043109	13,443	140,960	SH	SOLE	1	140,960	0	0
BRYN MAWR BANK CORP	COM	117665109	523	11,484	SH	SOLE	1	11,484	0	0
BUCKLE INC/THE	COM	118440106	757	19,274	SH	SOLE	1	19,274	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	22,744	490,487	SH	SOLE	1	490,487	0	0
BUNGE LTD	COM	G16962105	129	1,623	SH	SOLE	1	1,623	0	0
BURLINGTON STORES INC	COM	122017106	414	1,385	SH	SOLE	1	1,385	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	269	11,242	SH	SOLE	1	11,242	0	0
BWX TECHNOLOGIES INC	COM	05605H100	117	1,777	SH	SOLE	1	1,777	0	0
BYLINE BANCORP INC	COM	124411109	299	14,146	SH	SOLE	1	14,146	0	0
C & F FINANCIAL CORP	COM	12466Q104	90	2,024	SH	SOLE	1	2,024	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	18,672	195,660	SH	SOLE	1	195,660	0	0
C3.AI INC A	CL A	12468P104	21	322	SH	SOLE	1	322	0	0
C4 THERAPEUTICS INC	COM	12529R107	230	6,220	SH	SOLE	1	6,220	0	0
CABALETTA BIO INC	COM	12674W109	84	7,524	SH	SOLE	1	7,524	0	0
CABLE ONE INC	COM	12685J105	18,099	9,899	SH	SOLE	1	9,899	0	0

CABOT CORP	COM	127055101	5,380	102,592	SH	SOLE	1	102,592	0	0
CABOT OIL & GAS CORP	COM	127097103	2,397	127,645	SH	SOLE	1	127,645	0	0
CACI INTERNATIONAL INC CL A	CL A	127190304	11,288	45,762	SH	SOLE	1	45,762	0	0
CACTUS INC A	COM	127203107	849	27,738	SH	SOLE	1	27,738	0	0
CADENCE BANCORP	COM	12739A100	1,704	82,215	SH	SOLE	1	82,215	0	0
CADENCE DESIGN SYS INC	COM	127387108	18,921	138,122	SH	SOLE	1	138,122	0	0
CADIZ INC	COM	127537207	114	11,872	SH	SOLE	1	11,872	0	0
CAESARS ENTERTAINMENT INC	COM	12769G100	15,137	173,091	SH	SOLE	1	173,091	0	0
CAESARSTONE LTD	COM	M20598104	178	12,969	SH	SOLE	1	12,969	0	0
CAI INTERNATIONAL INC	COM	12477X106	441	9,699	SH	SOLE	1	9,699	0	0
CAL MAINE FOODS INC	COM	128030202	948	24,687	SH	SOLE	1	24,687	0	0
CALAMP CORP	COM	128126109	248	22,838	SH	SOLE	1	22,838	0	0
CALAVO GROWERS INC	COM	128246105	852	10,979	SH	SOLE	1	10,979	0	0
CALEDONIA MINING CORP PLC	PLC SHS	G1757E113	98	6,846	SH	SOLE	1	6,846	0	0
CALERES INC	COM	129500104	528	24,223	SH	SOLE	1	24,223	0	0
CALIFORNIA BANCORP INC	COM	13005U101	79	4,412	SH	SOLE	1	4,412	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,859	32,991	SH	SOLE	1	32,991	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	93	38,331	SH	SOLE	1	38,331	0	0
CALIX INC	COM	13100M509	1,063	30,677	SH	SOLE	1	30,677	0	0
CALLAWAY GOLF COMPANY	COM	131193104	1,666	62,277	SH	SOLE	1	62,277	0	0
CALLON PETROLEUM CO	COM	13123X508	148	3,835	SH	SOLE	1	3,835	0	0
CALYXT INC	COM	13173L107	36	6,025	SH	SOLE	1	6,025	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	221	4,722	SH	SOLE	1	4,722	0	0
CAMBRIDGE BANCORP	COM	132152109	313	3,711	SH	SOLE	1	3,711	0	0
CAMDEN NATIONAL CORP	COM	133034108	412	8,604	SH	SOLE	1	8,604	0	0
CAMDEN PROPERTY TRUST	COM	133131102	19,549	177,866	SH	SOLE	1	177,866	0	0
CAMPBELL SOUP CO	COM	134429109	154,021	3,063,867	SH	SOLE	1	3,063,867	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	696	19,124	SH	SOLE	1	19,124	0	0
CANNAE HOLDINGS INC	COM	13765N107	3,259	82,262	SH	SOLE	1	82,262	0	0
CANTEL MEDICAL CORP	COM	138098108	7,172	89,831	SH	SOLE	1	89,831	0	0
CAPITAL BANCORP INC/MD	COM	139737100	89	4,631	SH	SOLE	1	4,631	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	203	7,815	SH	SOLE	1	7,815	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	17,287	135,871	SH	SOLE	1	135,871	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	1,148	86,668	SH	SOLE	1	86,668	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	13,956	273,638	SH	SOLE	1	273,638	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	161	9,311	SH	SOLE	1	9,311	0	0
CAPSTEAD MORTGAGE CORP	COM	14067E506	396	63,606	SH	SOLE	1	63,606	0	0
CARA THERAPEUTICS INC	COM	140755109	521	23,991	SH	SOLE	1	23,991	0	0
CARDINAL HEALTH INC	COM	14149Y108	189,768	3,123,746	SH	SOLE	1	3,123,746	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	1,006	26,231	SH	SOLE	1	26,231	0	0
CARDLYTICS INC	COM	14161W105	1,909	17,406	SH	SOLE	1	17,406	0	0
CARDTRONICS PLC A	COM	G1991C105	930	23,978	SH	SOLE	1	23,978	0	0

CAREDX INC	COM	14167L103	1,993	29,263	SH	SOLE	1	29,263	0	0
CARETRUST REIT INC	COM	14174T107	1,617	69,423	SH	SOLE	1	69,423	0	0
CARGURUS INC	COM	141788109	1,219	51,151	SH	SOLE	1	51,151	0	0
CARLISLE COS INC	COM	142339100	15,893	96,566	SH	SOLE	1	96,566	0	0
CARLYLE GROUP INC/THE	COM	14316J108	56	1,529	SH	SOLE	1	1,529	0	0
CARMAX INC	COM	143130102	6,655	50,165	SH	SOLE	1	50,165	0	0
CARNIVAL CORP	COM	143658300	6,457	243,301	SH	SOLE	1	243,301	0	0
CARPARTS.COM INC	COM	14427M107	284	19,905	SH	SOLE	1	19,905	0	0
CARPENTER TECHNOLOGY	COM	144285103	1,303	31,667	SH	SOLE	1	31,667	0	0
CARRIAGE SERVICES INC	COM	143905107	338	9,602	SH	SOLE	1	9,602	0	0
CARRIER GLOBAL CORP	COM	14448C104	11,011	260,807	SH	SOLE	1	260,807	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	122	20,332	SH	SOLE	1	20,332	0	0
CARS.COM INC	COM	14575E105	510	39,325	SH	SOLE	1	39,325	0	0
CARTER BANKSHARES INC	COM	146103106	184	13,210	SH	SOLE	1	13,210	0	0
CARTER S INC	COM	146229109	7,098	79,821	SH	SOLE	1	79,821	0	0
CARVANA CO	COM	146869102	329	1,253	SH	SOLE	1	1,253	0	0
CASA SYSTEMS INC	COM	14713L102	176	18,475	SH	SOLE	1	18,475	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	1,807	28,418	SH	SOLE	1	28,418	0	0
CASEY S GENERAL STORES INC	COM	147528103	14,475	66,955	SH	SOLE	1	66,955	0	0
CASI PHARMACEUTICALS INC	COM	14757U109	92	38,529	SH	SOLE	1	38,529	0	0
CASPER SLEEP INC	COM	147626105	107	14,750	SH	SOLE	1	14,750	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	384	8,295	SH	SOLE	1	8,295	0	0
CASSAVA SCIENCES INC	COM	14817C107	856	19,054	SH	SOLE	1	19,054	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	581	8,489	SH	SOLE	1	8,489	0	0
CATABASIS PHARMACEUTICALS IN	COM	14875P206	34	11,801	SH	SOLE	1	11,801	0	0
CATALENT INC	COM	148806102	5,693	54,063	SH	SOLE	1	54,063	0	0
CATALYST BIOSCIENCES INC	COM	14888D208	90	17,937	SH	SOLE	1	17,937	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	261	56,570	SH	SOLE	1	56,570	0	0
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	289	28,408	SH	SOLE	1	28,408	0	0
CATERPILLAR INC	COM	149123101	44,974	193,962	SH	SOLE	1	193,962	0	0
CATHAY GENERAL BANCORP	COM	149150104	7,292	178,815	SH	SOLE	1	178,815	0	0
CATO CORP CLASS A	COM	149205106	161	13,432	SH	SOLE	1	13,432	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,369	6,066	SH	SOLE	1	6,066	0	0
CB FINANCIAL SERVICES INC	COM	12479G101	64	2,878	SH	SOLE	1	2,878	0	0
CBIZ INC	COM	124805102	971	29,717	SH	SOLE	1	29,717	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	3,837	38,878	SH	SOLE	1	38,878	0	0
CBRE GROUP INC A	COM	12504L109	8,171	103,284	SH	SOLE	1	103,284	0	0
CBTX INC	COM	12481V104	312	10,157	SH	SOLE	1	10,157	0	0
CDK GLOBAL INC	COM	12508E101	11,937	220,813	SH	SOLE	1	220,813	0	0
CDW CORP/DE	COM	12514G108	9,014	54,382	SH	SOLE	1	54,382	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	143	18,051	SH	SOLE	1	18,051	0	0
CEL SCI CORP	COM	150837607	314	20,633	SH	SOLE	1	20,633	0	0
CELANESE CORP	COM	150870103	7,325	48,892	SH	SOLE	1	48,892	0	0



CELSIUS HOLDINGS INC	COM	15118V207	1,115	23,198	SH	SOLE	1	23,198	0	0
CENTENE CORP	COM	15135B101	15,188	237,646	SH	SOLE	1	237,646	0	0
CENTERPOINT ENERGY INC	COM	15189T107	3,833	169,221	SH	SOLE	1	169,221	0	0
CENTERSPACE	COM	15202L107	589	8,660	SH	SOLE	1	8,660	0	0
CENTOGENE NV	COM	N1976T109	60	4,958	SH	SOLE	1	4,958	0	0
CENTRAL GARDEN & PET CO	COM	153527106	373	6,437	SH	SOLE	1	6,437	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	1,379	26,574	SH	SOLE	1	26,574	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	489	18,339	SH	SOLE	1	18,339	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	113	6,161	SH	SOLE	1	6,161	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	594	33,629	SH	SOLE	1	33,629	0	0
CENTURY BANCORP INC CL A	CL A	156432106	152	1,629	SH	SOLE	1	1,629	0	0
CENTURY CASINOS INC	COM	156492100	162	15,787	SH	SOLE	1	15,787	0	0
CENTURY COMMUNITIES INC	COM	156504300	1,173	19,447	SH	SOLE	1	19,447	0	0
CERECOR INC	COM	15671L109	76	25,074	SH	SOLE	1	25,074	0	0
CERENCE INC	COM	156727109	1,985	22,163	SH	SOLE	1	22,163	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	20,055	237,990	SH	SOLE	1	237,990	0	0
CERNER CORP	COM	156782104	9,440	131,333	SH	SOLE	1	131,333	0	0
CERTARA INC	COM	15687V109	20	731	SH	SOLE	1	731	0	0
CERUS CORP	COM	157085101	575	95,697	SH	SOLE	1	95,697	0	0
CEVA INC	COM	157210105	825	14,692	SH	SOLE	1	14,692	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	2,989	65,869	SH	SOLE	1	65,869	0	0
CHAMPIONS ONCOLOGY INC	COM	15870P307	45	3,945	SH	SOLE	1	3,945	0	0
CHAMPIONX CORP	COM	15872M104	9,647	443,926	SH	SOLE	1	443,926	0	0
CHANGE HEALTHCARE INC	COM	15912K100	105	4,764	SH	SOLE	1	4,764	0	0
CHANNELADVISOR CORP	COM	159179100	383	16,256	SH	SOLE	1	16,256	0	0
CHARLES RIVER LABORATORIES	COM	159864107	26,268	90,632	SH	SOLE	1	90,632	0	0
CHART INDUSTRIES INC	COM	16115Q308	3,416	23,997	SH	SOLE	1	23,997	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	34,217	55,455	SH	SOLE	1	55,455	0	0
CHASE CORP	COM	16150R104	500	4,300	SH	SOLE	1	4,300	0	0
CHATHAM LODGING TRUST	COM	16208T102	407	30,923	SH	SOLE	1	30,923	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	3,098	27,664	SH	SOLE	1	27,664	0	0
CHECKMATE PHARMACEUTICALS IN	COM	162818108	63	5,217	SH	SOLE	1	5,217	0	0
CHECKPOINT THERAPEUTICS INC	COM	162828107	95	30,165	SH	SOLE	1	30,165	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	1,651	28,210	SH	SOLE	1	28,210	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	617	20,264	SH	SOLE	1	20,264	0	0
CHEGG INC	COM	163092109	250	2,922	SH	SOLE	1	2,922	0	0
CHEMBIO DIAGNOSTICS INC	COM	163572209	40	11,514	SH	SOLE	1	11,514	0	0
CHEMED CORP	COM	16359R103	13,432	29,212	SH	SOLE	1	29,212	0	0
CHEMOCENTRYX INC	COM	16383L106	1,481	28,901	SH	SOLE	1	28,901	0	0
CHEMOURS CO/THE	COM	163851108	8,354	299,309	SH	SOLE	1	299,309	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	85	2,024	SH	SOLE	1	2,024	0	0

CHENIERE ENERGY INC	COM	16411R208	374	5,190	SH	SOLE	1	5,190	0	0
CHERRY HILL MORTGAGE INVESTM	COM	164651101	83	8,858	SH	SOLE	1	8,858	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	1,329	11,449	SH	SOLE	1	11,449	0	0
CHEVRON CORP	COM	166764100	284,961	2,719,355	SH	SOLE	1	2,719,355	0	0
CHIASMA INC	COM	16706W102	91	29,203	SH	SOLE	1	29,203	0	0
CHICO S FAS INC	COM	168615102	262	79,236	SH	SOLE	1	79,236	0	0
CHILDREN S PLACE INC/THE	COM	168905107	659	9,455	SH	SOLE	1	9,455	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	1,421	111,885	SH	SOLE	1	111,885	0	0
CHIMERIX INC	COM	16934W106	334	34,683	SH	SOLE	1	34,683	0	0
CHINOOK THERAPEUTICS INC	COM	16961L106	120	7,738	SH	SOLE	1	7,738	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	13,131	9,242	SH	SOLE	1	9,242	0	0
CHOICE HOTELS INTL INC	COM	169905106	5,622	52,402	SH	SOLE	1	52,402	0	0
CHOICEONE FINANCIAL SVCS INC	COM	170386106	103	4,269	SH	SOLE	1	4,269	0	0
CHROMADEX CORP	COM	171077407	224	24,030	SH	SOLE	1	24,030	0	0
CHUBB LTD	COM	H1467J104	26,161	165,607	SH	SOLE	1	165,607	0	0
CHURCH & DWIGHT CO INC	COM	171340102	6,969	79,779	SH	SOLE	1	79,779	0	0
CHURCHILL DOWNS INC	COM	171484108	19,216	84,496	SH	SOLE	1	84,496	0	0
CHUY S HOLDINGS INC	COM	171604101	579	13,065	SH	SOLE	1	13,065	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	23	2,325	SH	SOLE	1	2,325	0	0
CIDARA THERAPEUTICS INC	COM	171757107	56	20,999	SH	SOLE	1	20,999	0	0
CIENA CORP	COM	171779309	15,385	281,156	SH	SOLE	1	281,156	0	0
CIGNA CORP	COM	125523100	25,165	104,098	SH	SOLE	1	104,098	0	0
CIM COMMERCIAL TRUST CORP	COM	125525584	85	6,561	SH	SOLE	1	6,561	0	0
CIMAREX ENERGY CO	COM	171798101	11,063	186,285	SH	SOLE	1	186,285	0	0
CIMPRESS PLC	SHS EURO	G2143T103	1,038	10,365	SH	SOLE	1	10,365	0	0
CINCINNATI BELL INC	COM	171871502	513	33,450	SH	SOLE	1	33,450	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	4,757	46,147	SH	SOLE	1	46,147	0	0
CINEMARK HOLDINGS INC	COM	17243V102	5,237	256,579	SH	SOLE	1	256,579	0	0
CINTAS CORP	COM	172908105	12,428	36,412	SH	SOLE	1	36,412	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	463	13,292	SH	SOLE	1	13,292	0	0
CIRRUS LOGIC INC	COM	172755100	8,919	105,188	SH	SOLE	1	105,188	0	0
CISCO SYSTEMS INC	COM	17275R102	301,075	5,822,371	SH	SOLE	1	5,822,371	0	0
CIT GROUP INC	COM	125581801	12,116	235,209	SH	SOLE	1	235,209	0	0
CITI TRENDS INC	COM	17306X102	464	5,535	SH	SOLE	1	5,535	0	0
CITIGROUP INC	COM	172967424	46,660	641,375	SH	SOLE	1	641,375	0	0
CITIZENS & NORTHERN CORP	COM	172922106	185	7,780	SH	SOLE	1	7,780	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	7,623	172,659	SH	SOLE	1	172,659	0	0
CITIZENS HOLDING COMPANY	COM	174715102	54	2,728	SH	SOLE	1	2,728	0	0
CITIZENS INC	COM	174740100	167	28,892	SH	SOLE	1	28,892	0	0
CITRIX SYSTEMS INC	COM	177376100	6,056	43,147	SH	SOLE	1	43,147	0	0
CITY HOLDING CO	COM	177835105	842	10,290	SH	SOLE	1	10,290	0	0
CITY OFFICE REIT INC	COM	178587101	265	24,955	SH	SOLE	1	24,955	0	0
CIVISTA BANCSHARES INC	COM	178867107	209	9,113	SH	SOLE	1	9,113	0	0
CLARUS CORP	COM	18270P109	241	14,112	SH	SOLE	1	14,112	0	0

CLEAN ENERGY FUELS CORP	COM	184499101	1,041	75,744	SH	SOLE	1	75,744	0	0
CLEAN HARBORS INC	COM	184496107	7,681	91,374	SH	SOLE	1	91,374	0	0
CLEARFIELD INC	COM	18482P103	196	6,513	SH	SOLE	1	6,513	0	0
CLEARWATER PAPER CORP	COM	18538R103	405	10,756	SH	SOLE	1	10,756	0	0
CLEARWAY ENERGY INC A	COM	18539C105	539	20,328	SH	SOLE	1	20,328	0	0
CLEARWAY ENERGY INC C	COM	18539C204	1,345	47,781	SH	SOLE	1	47,781	0	0
CLEVELAND CLIFFS INC	COM	185899101	21,880	1,088,017	SH	SOLE	1	1,088,017	0	0
CLIPPER REALTY INC	COM	18885T306	69	8,661	SH	SOLE	1	8,661	0	0
CLOROX COMPANY	COM	189054109	148,047	767,560	SH	SOLE	1	767,560	0	0
CLOUDERA INC	COM	18914U100	1,453	119,398	SH	SOLE	1	119,398	0	0
CLOUDFLARE INC CLASS A	COM	18915M107	183	2,608	SH	SOLE	1	2,608	0	0
CLOVIS ONCOLOGY INC	COM	189464100	339	48,335	SH	SOLE	1	48,335	0	0
CMC MATERIALS INC	COM	12571T100	12,275	69,431	SH	SOLE	1	69,431	0	0
CME GROUP INC	COM	12572Q105	27,069	132,544	SH	SOLE	1	132,544	0	0
CMS ENERGY CORP	COM	125896100	7,181	117,299	SH	SOLE	1	117,299	0	0
CNA FINANCIAL CORP	COM	126117100	15	336	SH	SOLE	1	336	0	0
CNB FINANCIAL CORP/PA	COM	126128107	212	8,627	SH	SOLE	1	8,627	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	7,799	321,073	SH	SOLE	1	321,073	0	0
CNX RESOURCES CORP	COM	12653C108	7,683	522,665	SH	SOLE	1	522,665	0	0
CO DIAGNOSTICS INC	COM	189763105	148	15,472	SH	SOLE	1	15,472	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	139	5,298	SH	SOLE	1	5,298	0	0
COCA COLA CO/THE	COM	191216100	225,441	4,277,009	SH	SOLE	1	4,277,009	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	903	3,128	SH	SOLE	1	3,128	0	0
COCA COLA EUROPEAN PARTNERS	COM	G25839104	2,514	48,204	SH	SOLE	1	48,204	0	0
COCA-COLA ORD	COM	191216100	26,355	500	SH	SOLE	1	500	0	0
CODEXIS INC	COM	192005106	770	33,635	SH	SOLE	1	33,635	0	0
CODIAK BIOSCIENCES INC	COM	192010106	57	3,749	SH	SOLE	1	3,749	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	100	5,455	SH	SOLE	1	5,455	0	0
COEUR MINING INC	COM	192108504	1,275	141,144	SH	SOLE	1	141,144	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	2,472	35,954	SH	SOLE	1	35,954	0	0
COGNEX CORP	COM	192422103	26,611	320,656	SH	SOLE	1	320,656	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	16,852	215,714	SH	SOLE	1	215,714	0	0
COGNYTE SOFTWARE LTD	ORD SHS	M25133105	1,053	37,847	SH	SOLE	1	37,847	0	0
COHBAR INC	COM	19249J109	27	20,202	SH	SOLE	1	20,202	0	0
COHEN & STEERS INC	COM	19247A100	931	14,248	SH	SOLE	1	14,248	0	0
COHERENT INC	COM	192479103	11,258	44,518	SH	SOLE	1	44,518	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	992	67,896	SH	SOLE	1	67,896	0	0
COHU INC	COM	192576106	1,191	28,458	SH	SOLE	1	28,458	0	0
COLFAX CORP	COM	194014106	9,153	208,925	SH	SOLE	1	208,925	0	0
COLGATE PALMOLIVE CO	COM	194162103	163,323	2,071,842	SH	SOLE	1	2,071,842	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	543	22,896	SH	SOLE	1	22,896	0	0
COLONY BANKCORP	COM	19623P101	70	4,500	SH	SOLE	1	4,500	0	0
COLONY CAPITAL INC	COM	19626G108	1,814	279,953	SH	SOLE	1	279,953	0	0
COLONY CREDIT REAL	COM	19625T101	418	49,003	SH	SOLE	1	49,003	0	0

ESTATE IN										
COLUMBIA BANKING SYSTEM INC	COM	197236102	2,060	47,803	SH	SOLE	1	47,803	0	0
COLUMBIA FINANCIAL INC	COM	197641103	479	27,423	SH	SOLE	1	27,423	0	0
COLUMBIA PROPERTY TRUST INC	COM NEW	198287203	1,297	75,831	SH	SOLE	1	75,831	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	5,844	55,321	SH	SOLE	1	55,321	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	721	13,660	SH	SOLE	1	13,660	0	0
COMCAST CORP CLASS A	COM	20030N101	102,061	1,886,173	SH	SOLE	1	1,886,173	0	0
COMERICA INC	COM	200340107	3,073	42,840	SH	SOLE	1	42,840	0	0
COMFORT SYSTEMS USA INC	COM	199908104	1,791	23,947	SH	SOLE	1	23,947	0	0
COMMERCE BANCSHARES INC	COM	200525103	14,629	190,960	SH	SOLE	1	190,960	0	0
COMMERCIAL METALS CO	COM	201723103	8,804	285,482	SH	SOLE	1	285,482	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	38	2,471	SH	SOLE	1	2,471	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	2,707	35,290	SH	SOLE	1	35,290	0	0
COMMUNITY BANKERS TRUST CORP	COM	203612106	112	12,690	SH	SOLE	1	12,690	0	0
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	104	3,033	SH	SOLE	1	3,033	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	808	59,790	SH	SOLE	1	59,790	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	792	17,169	SH	SOLE	1	17,169	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	398	9,047	SH	SOLE	1	9,047	0	0
COMMVAULT SYSTEMS INC	COM	204166102	7,046	109,241	SH	SOLE	1	109,241	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	5,085	81,072	SH	SOLE	1	81,072	0	0
COMPUTER PROGRAMS & SYSTEMS	COM	205306103	261	8,540	SH	SOLE	1	8,540	0	0
COMPX INTERNATIONAL INC	COM	20563P101	17	964	SH	SOLE	1	964	0	0
COMSCORE INC	COM	20564W105	129	35,300	SH	SOLE	1	35,300	0	0
COMSTOCK RESOURCES INC	COM	205768302	79	14,236	SH	SOLE	1	14,236	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	410	16,492	SH	SOLE	1	16,492	0	0
CONAGRA BRANDS INC	COM	205887102	5,932	157,777	SH	SOLE	1	157,777	0	0
CONCENTRIX CORP	COM	20602D101	11,282	75,355	SH	SOLE	1	75,355	0	0
CONCERT PHARMACEUTICALS INC	COM	206022105	86	17,229	SH	SOLE	1	17,229	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	112	15,141	SH	SOLE	1	15,141	0	0
CONDUENT INC	COM	206787103	640	96,168	SH	SOLE	1	96,168	0	0
CONMED CORP	COM	207410101	2,383	18,246	SH	SOLE	1	18,246	0	0
CONN S INC	COM	208242107	229	11,778	SH	SOLE	1	11,778	0	0
CONNECTONE BANCORP INC	COM	20786W107	548	21,605	SH	SOLE	1	21,605	0	0
CONOCOPHILLIPS	COM	20825C104	21,231	400,815	SH	SOLE	1	400,815	0	0
CONSOL ENERGY INC	COM	20854L108	194	19,933	SH	SOLE	1	19,933	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	349	48,460	SH	SOLE	1	48,460	0	0
CONSOLIDATED EDISON INC	COM	209115104	13,764	184,009	SH	SOLE	1	184,009	0	0
CONSOLIDATED WATER	COM	G23773107	114	8,447	SH	SOLE	1	8,447	0	0

CO ORD SH										
CONSTELLATION BRANDS INC A	COM	21036P108	11,470	50,305	SH	SOLE	1	50,305	0	0
CONSTELLATION PHARMACEUTICAL	COM	210373106	418	17,889	SH	SOLE	1	17,889	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	489	16,370	SH	SOLE	1	16,370	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	308	18,490	SH	SOLE	1	18,490	0	0
CONTANGO OIL & GAS	COM	21075N204	261	66,861	SH	SOLE	1	66,861	0	0
CONTINENTAL RESOURCES INC/OK	COM	212015101	23	895	SH	SOLE	1	895	0	0
CONTRAFECT CORP	COM	212326300	68	14,244	SH	SOLE	1	14,244	0	0
COOPER COS INC/THE	COM	216648402	7,113	18,519	SH	SOLE	1	18,519	0	0
COOPER STANDARD HOLDING	COM	21676P103	405	11,162	SH	SOLE	1	11,162	0	0
COOPER TIRE & RUBBER	COM	216831107	1,879	33,571	SH	SOLE	1	33,571	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	30	375	SH	SOLE	1	375	0	0
COPART INC	COM	217204106	9,026	83,103	SH	SOLE	1	83,103	0	0
CORBUS PHARMACEUTICALS HOLDI	COM	21833P103	88	44,766	SH	SOLE	1	44,766	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	1,558	65,489	SH	SOLE	1	65,489	0	0
CORE LABORATORIES N.V.	COM	N22717107	107	3,703	SH	SOLE	1	3,703	0	0
CORE MARK HOLDING CO INC	COM	218681104	1,153	29,789	SH	SOLE	1	29,789	0	0
CORECIVIC INC	COM	21871N101	721	79,661	SH	SOLE	1	79,661	0	0
CORELOGIC INC	COM	21871D103	10,509	132,604	SH	SOLE	1	132,604	0	0
COREENERGY INFRASTRUCTURE TRU	COM	21870U502	57	8,000	SH	SOLE	1	8,000	0	0
COREPOINT LODGING INC	COM	21872L104	207	22,884	SH	SOLE	1	22,884	0	0
CORESITE REALTY CORP	COM	21870Q105	9,423	78,622	SH	SOLE	1	78,622	0	0
CORMEDIX INC	COM	21900C308	190	18,978	SH	SOLE	1	18,978	0	0
CORNERSTONE BUILDING BRANDS	COM	21925D109	358	25,485	SH	SOLE	1	25,485	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	1,560	35,803	SH	SOLE	1	35,803	0	0
CORNING INC	COM	219350105	10,878	250,014	SH	SOLE	1	250,014	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	5,353	203,299	SH	SOLE	1	203,299	0	0
CORSAIR GAMING INC	COM	22041X102	443	13,319	SH	SOLE	1	13,319	0	0
CORTEVA INC	COM	22052L104	10,682	229,121	SH	SOLE	1	229,121	0	0
CORTEXYME INC	COM	22053A107	330	9,167	SH	SOLE	1	9,167	0	0
CORVEL CORP	COM	221006109	602	5,869	SH	SOLE	1	5,869	0	0
COSTAMARE INC	COM	Y1771G102	283	29,464	SH	SOLE	1	29,464	0	0
COSTAR GROUP INC	COM	22160N109	719	875	SH	SOLE	1	875	0	0
COSTCO WHOLESALE CORP	COM	22160K105	56,811	161,174	SH	SOLE	1	161,174	0	0
COTY INC CL A	CL A	222070203	4,633	514,212	SH	SOLE	1	514,212	0	0
COUNTY BANCORP INC	COM	221907108	67	2,803	SH	SOLE	1	2,803	0	0
COUPA SOFTWARE INC	COM	22266L106	397	1,562	SH	SOLE	1	1,562	0	0
COUSINS PROPERTIES INC	COM	222795502	9,642	272,745	SH	SOLE	1	272,745	0	0
COVANTA HOLDING CORP	COM	22282E102	958	69,107	SH	SOLE	1	69,107	0	0
COVENANT LOGISTICS GROUP INC	CL A	22284P105	140	6,790	SH	SOLE	1	6,790	0	0
COVETRUS INC	COM	22304C100	2,278	75,998	SH	SOLE	1	75,998	0	0

COWEN INC A	COM	223622606	525	14,943	SH	SOLE	1	14,943	0	0
CRA INTERNATIONAL INC	COM	12618T105	328	4,392	SH	SOLE	1	4,392	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	9,773	56,532	SH	SOLE	1	56,532	0	0
CRANE CO	COM	224399105	8,413	89,588	SH	SOLE	1	89,588	0	0
CRAWFORD & COMPANY CL A	CL A	224633206	101	9,475	SH	SOLE	1	9,475	0	0
CREDICORP LTD	COM	G2519Y108	124	907	SH	SOLE	1	907	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	43	119	SH	SOLE	1	119	0	0
CREE INC	COM	225447101	22,576	208,783	SH	SOLE	1	208,783	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	241	15,771	SH	SOLE	1	15,771	0	0
CROCS INC	COM	227046109	3,568	44,354	SH	SOLE	1	44,354	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	297	23,764	SH	SOLE	1	23,764	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	385	27,937	SH	SOLE	1	27,937	0	0
CROWDSTRIKE HOLDINGS INC A	CL A	22788C105	553	3,031	SH	SOLE	1	3,031	0	0
CROWN CASTLE INTL CORP	COM	22822V101	26,057	151,382	SH	SOLE	1	151,382	0	0
CROWN HOLDINGS INC	COM	228368106	164	1,692	SH	SOLE	1	1,692	0	0
CRYOLIFE INC	COM	228903100	572	25,333	SH	SOLE	1	25,333	0	0
CRYOPORT INC	COM	229050307	1,210	23,258	SH	SOLE	1	23,258	0	0
CSG SYSTEMS INTL INC	COM	126349109	968	21,566	SH	SOLE	1	21,566	0	0
CSW INDUSTRIALS INC	COM	126402106	1,077	7,979	SH	SOLE	1	7,979	0	0
CSX CORP	COM	126408103	32,443	336,473	SH	SOLE	1	336,473	0	0
CTO REALTY GROWTH INC	COM	22948Q101	177	3,409	SH	SOLE	1	3,409	0	0
CTS CORP	COM	126501105	660	21,246	SH	SOLE	1	21,246	0	0
CUBESMART	COM	229663109	87	2,312	SH	SOLE	1	2,312	0	0
CUBIC CORP	COM	229669106	1,586	21,262	SH	SOLE	1	21,262	0	0
CUE BIOPHARMA INC	COM	22978P106	210	17,215	SH	SOLE	1	17,215	0	0
CULLEN/FROST BANKERS INC	COM	229899109	11,080	101,877	SH	SOLE	1	101,877	0	0
CULLINAN ONCOLOGY INC	COM	230031106	319	7,650	SH	SOLE	1	7,650	0	0
CUMMINS INC	COM	231021106	15,599	60,204	SH	SOLE	1	60,204	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	156	10,665	SH	SOLE	1	10,665	0	0
CURTISS WRIGHT CORP	COM	231561101	8,800	74,197	SH	SOLE	1	74,197	0	0
CUSHMAN & WAKEFIELD PLC	COM	G2717B108	1,051	64,422	SH	SOLE	1	64,422	0	0
CUSTOMERS BANCORP INC	COM	23204G100	610	19,159	SH	SOLE	1	19,159	0	0
CUTERA INC	COM	232109108	347	11,542	SH	SOLE	1	11,542	0	0
CVB FINANCIAL CORP	COM	126600105	1,899	85,954	SH	SOLE	1	85,954	0	0
CVR ENERGY INC	COM	12662P108	331	17,255	SH	SOLE	1	17,255	0	0
CVS HEALTH CORP	COM	126650100	46,985	624,552	SH	SOLE	1	624,552	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	682	5,276	SH	SOLE	1	5,276	0	0
CYBEROPTICS CORP	COM	232517102	108	4,140	SH	SOLE	1	4,140	0	0
CYCLERION THERAPEUTICS INC	COM	23255M105	36	12,908	SH	SOLE	1	12,908	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	183	40,372	SH	SOLE	1	40,372	0	0
CYRUSONE INC	COM	23283R100	14,783	218,300	SH	SOLE	1	218,300	0	0
CYTOKINETICS INC	COM	23282W605	1,037	44,584	SH	SOLE	1	44,584	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	277	35,899	SH	SOLE	1	35,899	0	0
CYTOSORBENTS CORP	COM	23283X206	208	23,942	SH	SOLE	1	23,942	0	0

DAILY JOURNAL CORP	COM	233912104	223	706	SH	SOLE	1	706	0	0
DAKTRONICS INC	COM	234264109	153	24,369	SH	SOLE	1	24,369	0	0
DANA INC	COM	235825205	8,389	344,786	SH	SOLE	1	344,786	0	0
DANAHER CORP	COM	235851102	55,745	247,667	SH	SOLE	1	247,667	0	0
DARDEN RESTAURANTS INC	COM	237194105	5,696	40,116	SH	SOLE	1	40,116	0	0
DARLING INGREDIENTS INC	COM	237266101	29,074	395,134	SH	SOLE	1	395,134	0	0
DASEKE INC	COM	23753F107	225	26,551	SH	SOLE	1	26,551	0	0
DATADOG INC CLASS A	COM	23804L103	285	3,420	SH	SOLE	1	3,420	0	0
DATTO HOLDING CORP	COM	23821D100	9	408	SH	SOLE	1	408	0	0
DAVE & BUSTER S ENTERTAINMEN	COM	238337109	1,423	29,712	SH	SOLE	1	29,712	0	0
DAVITA INC	COM	23918K108	2,746	25,477	SH	SOLE	1	25,477	0	0
DECIBEL THERAPEUTICS INC	COM	24343R106	47	4,155	SH	SOLE	1	4,155	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	1,009	22,495	SH	SOLE	1	22,495	0	0
DECKERS OUTDOOR CORP	COM	243537107	22,739	68,818	SH	SOLE	1	68,818	0	0
DEERE & CO	COM	244199105	42,375	113,259	SH	SOLE	1	113,259	0	0
DEL TACO RESTAURANTS INC	COM	245496104	167	17,383	SH	SOLE	1	17,383	0	0
DELEK US HOLDINGS INC	COM	24665A103	793	36,417	SH	SOLE	1	36,417	0	0
DELTA AIR LINES INC	COM	247361702	13,144	272,239	SH	SOLE	1	272,239	0	0
DELUXE CORP	COM	248019101	1,168	27,828	SH	SOLE	1	27,828	0	0
DENALI THERAPEUTICS INC	COM	24823R105	2,200	38,523	SH	SOLE	1	38,523	0	0
DENNY S CORP	COM	24869P104	656	36,202	SH	SOLE	1	36,202	0	0
DENTSPLY SIRONA INC	COM	24906P109	5,042	79,022	SH	SOLE	1	79,022	0	0
DERMTECH INC	COM	24984K105	303	5,964	SH	SOLE	1	5,964	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	710	40,825	SH	SOLE	1	40,825	0	0
DEVON ENERGY CORP	COM	25179M103	3,983	182,297	SH	SOLE	1	182,297	0	0
DEXCOM INC	COM	252131107	14,303	39,797	SH	SOLE	1	39,797	0	0
DHI GROUP INC	COM	23331S100	94	27,975	SH	SOLE	1	27,975	0	0
DHT HOLDINGS INC	COM	Y2065G121	385	64,981	SH	SOLE	1	64,981	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	276	1,768	SH	SOLE	1	1,768	0	0
DIAMOND S SHIPPING INC	COM	Y20676105	160	15,949	SH	SOLE	1	15,949	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	4,944	67,271	SH	SOLE	1	67,271	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,379	133,880	SH	SOLE	1	133,880	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	1,343	52,534	SH	SOLE	1	52,534	0	0
DICK S SPORTING GOODS INC	COM	253393102	9,068	119,083	SH	SOLE	1	119,083	0	0
DIEBOLD NIXDORF INC	COM	253651103	670	47,410	SH	SOLE	1	47,410	0	0
DIGI INTERNATIONAL INC	COM	253798102	377	19,860	SH	SOLE	1	19,860	0	0
DIGIMARC CORP	COM	25381B101	207	6,966	SH	SOLE	1	6,966	0	0
DIGITAL REALTY TRUST INC	COM	253868103	12,614	89,561	SH	SOLE	1	89,561	0	0
DIGITAL TURBINE INC	COM	25400W102	3,945	49,088	SH	SOLE	1	49,088	0	0
DILLARDS INC CL A	CL A	254067101	398	4,123	SH	SOLE	1	4,123	0	0
DIME COMMUNITY BANCSHARES IN	COM	25432X102	707	23,462	SH	SOLE	1	23,462	0	0
DINE BRANDS GLOBAL INC	COM	254423106	941	10,454	SH	SOLE	1	10,454	0	0
DIODES INC	COM	254543101	2,273	28,468	SH	SOLE	1	28,468	0	0

DISCOVER FINANCIAL SERVICES	COM	254709108	11,583	121,941	SH	SOLE	1	121,941	0	0
DISCOVERY INC A	COM	25470F104	2,592	59,651	SH	SOLE	1	59,651	0	0
DISCOVERY INC C	COM	25470F302	3,299	89,421	SH	SOLE	1	89,421	0	0
DISCOVERY SRS A ORD	COM	25470F104	43,460	1,000	SH	SOLE		1,000	0	0
DISH NETWORK CORP A	COM	25470M109	3,955	109,264	SH	SOLE	1	109,264	0	0
DIVERSIFIED HEALTHCARE TRUST	COM SH BEN INT	25525P107	755	158,041	SH	SOLE	1	158,041	0	0
DMC GLOBAL INC	COM	23291C103	529	9,756	SH	SOLE	1	9,756	0	0
DOCUSIGN INC	COM	256163106	3,193	15,772	SH	SOLE	1	15,772	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	83	845	SH	SOLE	1	845	0	0
DOLLAR GENERAL CORP	COM	256677105	17,856	88,127	SH	SOLE	1	88,127	0	0
DOLLAR TREE INC	COM	256746108	10,110	88,325	SH	SOLE	1	88,325	0	0
DOMINION ENERGY INC	COM	25746U109	18,106	238,361	SH	SOLE	1	238,361	0	0
DOMINO S PIZZA INC	COM	25754A201	4,691	12,754	SH	SOLE	1	12,754	0	0
DOMO INC CLASS B	COM	257554105	874	15,521	SH	SOLE	1	15,521	0	0
DOMTAR CORP	COM	257559203	4,847	131,168	SH	SOLE	1	131,168	0	0
DONALDSON CO INC	COM	257651109	13,302	228,713	SH	SOLE	1	228,713	0	0
DONEGAL GROUP INC CL A	CL A	257701201	98	6,574	SH	SOLE	1	6,574	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	551	19,781	SH	SOLE	1	19,781	0	0
DORIAN LPG LTD	COM	Y2106R110	312	23,766	SH	SOLE	1	23,766	0	0
DORMAN PRODUCTS INC	COM	258278100	1,838	17,903	SH	SOLE	1	17,903	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	606	13,141	SH	SOLE	1	13,141	0	0
DOUGLAS EMMETT INC	COM	25960P109	9,386	298,921	SH	SOLE	1	298,921	0	0
DOUYU INTERNATIONAL HOLD ADR	SPON ADR	25985W105	12	1,200	SH	SOLE	1	1,200	0	0
DOVER CORP	COM	260003108	6,064	44,221	SH	SOLE	1	44,221	0	0
DOW INC	COM	260557103	218,473	3,416,839	SH	SOLE	1	3,416,839	0	0
DR HORTON INC	COM	23331A109	11,076	124,285	SH	SOLE	1	124,285	0	0
DRIL QUIP INC	COM	262037104	775	23,309	SH	SOLE	1	23,309	0	0
DRIVEN BRANDS HOLDINGS INC	COM	26210V102	12	479	SH	SOLE	1	479	0	0
DROPBOX INC CLASS A	COM	26210C104	147	5,505	SH	SOLE	1	5,505	0	0
DSP GROUP INC	COM	23332B106	210	14,768	SH	SOLE	1	14,768	0	0
DTE ENERGY COMPANY	COM	233331107	7,939	59,631	SH	SOLE	1	59,631	0	0
DUCK CREEK TECHNOLOG	SHS	264120106	113,738	2,519,677	SH	SOLE	2	2,519,677	0	0
DUCK CREEK TECHNOLOGIES INC	SHS	264120106	68	1,497	SH	SOLE	1	1,497	0	0
DUCOMMUN INC	COM	264147109	377	6,276	SH	SOLE	1	6,276	0	0
DUKE ENERGY CORP	COM	26441C204	21,953	227,419	SH	SOLE	1	227,419	0	0
DUKE REALTY CORP	COM	264411505	5,002	119,298	SH	SOLE	1	119,298	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	109	6,450	SH	SOLE	1	6,450	0	0
DUN & BRADSTREET HOLDINGS IN	COM	26484T106	57	2,378	SH	SOLE	1	2,378	0	0
DUPONT DE NEMOURS INC	COM	26614N102	12,310	159,286	SH	SOLE	1	159,286	0	0
DURECT CORPORATION	COM	266605104	257	129,975	SH	SOLE	1	129,975	0	0
DXC TECHNOLOGY CO	COM	23355L106	3,510	112,269	SH	SOLE	1	112,269	0	0
DXP ENTERPRISES INC	COM	233377407	329	10,921	SH	SOLE	1	10,921	0	0
DYADIC INTERNATIONAL INC	COM	26745T101	62	11,239	SH	SOLE	1	11,239	0	0
DYCOM INDUSTRIES INC	COM	267475101	6,779	73,009	SH	SOLE	1	73,009	0	0
DYNATRACE INC	COM	268150109	198	4,103	SH	SOLE	1	4,103	0	0



DYNAVAX TECHNOLOGIES CORP	COM	268158201	609	61,927	SH	SOLE	1	61,927	0	0
DYNE THERAPEUTICS INC	COM	26818M108	146	9,389	SH	SOLE	1	9,389	0	0
DYNEX CAPITAL INC	COM	26817Q886	281	14,847	SH	SOLE	1	14,847	0	0
DZS INC	COM	268211109	132	8,462	SH	SOLE	1	8,462	0	0
EAGLE BANCORP INC	COM	268948106	1,120	21,045	SH	SOLE	1	21,045	0	0
EAGLE BANCORP MONTANA INC	COM	26942G100	89	3,670	SH	SOLE	1	3,670	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A150	136	3,768	SH	SOLE	1	3,768	0	0
EAGLE MATERIALS INC	COM	26969P108	10,215	75,996	SH	SOLE	1	75,996	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	293	7,015	SH	SOLE	1	7,015	0	0
EARGO INC	COM	270087109	237	4,744	SH	SOLE	1	4,744	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	98	13,726	SH	SOLE	1	13,726	0	0
EAST WEST BANCORP INC	COM	27579R104	18,933	256,542	SH	SOLE	1	256,542	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	1,234	59,548	SH	SOLE	1	59,548	0	0
EASTERN BANKSHARES INC	COM	27627N105	1,865	96,707	SH	SOLE	1	96,707	0	0
EASTERN CO/THE	COM	276317104	84	3,142	SH	SOLE	1	3,142	0	0
EASTGROUP PROPERTIES INC	COM	277276101	13,608	94,976	SH	SOLE	1	94,976	0	0
EASTMAN CHEMICAL CO	COM	277432100	6,544	59,425	SH	SOLE	1	59,425	0	0
EASTMAN KODAK CO	COM	277461406	72	9,153	SH	SOLE	1	9,153	0	0
EATON CORP PLC	COM	G29183103	36,260	262,225	SH	SOLE	1	262,225	0	0
EBAY INC	COM	278642103	20,825	340,052	SH	SOLE	1	340,052	0	0
EBIX INC	COM	278715206	563	17,571	SH	SOLE	1	17,571	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	549	17,481	SH	SOLE	1	17,481	0	0
ECHOSTAR CORP A	COM	278768106	14	575	SH	SOLE	1	575	0	0
ECOLAB INC	COM	278865100	19,302	90,167	SH	SOLE	1	90,167	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	1,437	36,284	SH	SOLE	1	36,284	0	0
EDISON INTERNATIONAL	COM	281020107	6,827	116,497	SH	SOLE	1	116,497	0	0
EDITAS MEDICINE INC	COM	28106W103	1,634	38,908	SH	SOLE	1	38,908	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	17,165	205,225	SH	SOLE	1	205,225	0	0
EGAIN CORP	COM	28225C806	117	12,310	SH	SOLE	1	12,310	0	0
EHEALTH INC	COM	28238P109	1,249	17,178	SH	SOLE	1	17,178	0	0
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	158	17,829	SH	SOLE	1	17,829	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	200	12,421	SH	SOLE	1	12,421	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	160	5,439	SH	SOLE	1	5,439	0	0
ELASTIC NV	COM	N14506104	165	1,481	SH	SOLE	1	1,481	0	0
ELECTROMED INC	COM	285409108	43	4,113	SH	SOLE	1	4,113	0	0
ELECTRONIC ARTS INC	COM	285512109	17,201	127,068	SH	SOLE	1	127,068	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	47	2,596	SH	SOLE	1	2,596	0	0
ELF BEAUTY INC	COM	26856L103	800	29,822	SH	SOLE	1	29,822	0	0
ELI LILLY & CO	COM	532457108	44,904	240,358	SH	SOLE	1	240,358	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	385	24,055	SH	SOLE	1	24,055	0	0
ELLINGTON RESIDENTIAL MORTGA	COM SH BEN INT	288578107	65	5,254	SH	SOLE	1	5,254	0	0

ELOXX PHARMACEUTICALS INC	COM	29014R103	52	15,530	SH	SOLE	1	15,530	0	0
EMCOR GROUP INC	COM	29084Q100	14,619	130,338	SH	SOLE	1	130,338	0	0
EMERALD HOLDING INC	COM	29103W104	79	14,244	SH	SOLE	1	14,244	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	10,283	110,674	SH	SOLE	1	110,674	0	0
EMERSON ELECTRIC CO	COM	291011104	37,940	420,528	SH	SOLE	1	420,528	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	19	1,723	SH	SOLE	1	1,723	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	824	19,135	SH	SOLE	1	19,135	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	627	12,713	SH	SOLE	1	12,713	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	14,771	180,349	SH	SOLE	1	180,349	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	837	20,797	SH	SOLE	1	20,797	0	0
ENCORE WIRE CORP	COM	292562105	912	13,592	SH	SOLE	1	13,592	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	1,120	151,172	SH	SOLE	1	151,172	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	5,030	105,991	SH	SOLE	1	105,991	0	0
ENERGY FUELS INC	COM	292671708	441	77,679	SH	SOLE	1	77,679	0	0
ENERGY RECOVERY INC	COM	29270J100	429	23,397	SH	SOLE	1	23,397	0	0
ENERPAC TOOL GROUP CORP	CL A	292765104	1,045	39,989	SH	SOLE	1	39,989	0	0
ENERSYS	COM	29275Y102	10,220	112,554	SH	SOLE	1	112,554	0	0
ENETI INC	COM	Y2294C107	103	4,905	SH	SOLE	1	4,905	0	0
ENNIS INC	COM	293389102	319	14,935	SH	SOLE	1	14,935	0	0
ENOCHIAN BIOSCIENCES INC	COM	29350E104	28	8,039	SH	SOLE	1	8,039	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	823	23,189	SH	SOLE	1	23,189	0	0
ENPHASE ENERGY INC	COM	29355A107	6,790	41,873	SH	SOLE	1	41,873	0	0
ENPRO INDUSTRIES INC	COM	29355X107	1,175	13,774	SH	SOLE	1	13,774	0	0
ENSIGN GROUP INC/THE	COM	29358P101	3,228	34,403	SH	SOLE	1	34,403	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,730	7,012	SH	SOLE	1	7,012	0	0
ENTEGRIS INC	COM	29362U104	326	2,916	SH	SOLE	1	2,916	0	0
ENTERCOM COMMUNICATIONS CL A	CL A	293639100	359	68,355	SH	SOLE	1	68,355	0	0
ENERGY CORP	COM	29364G103	6,139	61,719	SH	SOLE	1	61,719	0	0
ENTERPRISE BANCORP INC	COM	293668109	170	5,236	SH	SOLE	1	5,236	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	693	14,018	SH	SOLE	1	14,018	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	139	34,287	SH	SOLE	1	34,287	0	0
ENVELA CORP	COM	29402E102	23	4,503	SH	SOLE	1	4,503	0	0
ENVESTNET INC	COM	29404K106	2,235	30,947	SH	SOLE	1	30,947	0	0
ENVISTA HOLDINGS CORP	COM	29415F104	78	1,909	SH	SOLE	1	1,909	0	0
ENZO BIOCHEM INC	COM	294100102	89	25,891	SH	SOLE	1	25,891	0	0
EOG RESOURCES INC	COM	26875P101	18,316	252,534	SH	SOLE	1	252,534	0	0
EPAM SYSTEMS INC	COM	29414B104	473	1,192	SH	SOLE	1	1,192	0	0
EPIZYME INC	COM	29428V104	453	51,987	SH	SOLE	1	51,987	0	0
EPLUS INC	COM	294268107	884	8,867	SH	SOLE	1	8,867	0	0
EPR PROPERTIES	COM	26884U109	6,312	135,486	SH	SOLE	1	135,486	0	0
EQT CORP	COM	26884L109	9,389	505,302	SH	SOLE	1	505,302	0	0
EQUIFAX INC	COM	294429105	7,073	39,051	SH	SOLE	1	39,051	0	0
EQUINIX INC	COM	29444U700	20,156	29,659	SH	SOLE	1	29,659	0	0

EQUITABLE HOLDINGS INC	COM	29452E101	157	4,803	SH	SOLE	1	4,803	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	6,035	739,598	SH	SOLE	1	739,598	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	227	8,267	SH	SOLE	1	8,267	0	0
EQUITY COMMONWEALTH	COM	294628102	39	1,396	SH	SOLE	1	1,396	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	294	4,617	SH	SOLE	1	4,617	0	0
EQUITY RESIDENTIAL	COM	29476L107	8,233	114,941	SH	SOLE	1	114,941	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	100	451	SH	SOLE	1	451	0	0
EROS STX GLOBAL CORP	SHS	G3788M114	171	94,566	SH	SOLE	1	94,566	0	0
ESCALADE INC	COM	296056104	126	6,017	SH	SOLE	1	6,017	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,860	17,079	SH	SOLE	1	17,079	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	423	15,089	SH	SOLE	1	15,089	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	91	3,990	SH	SOLE	1	3,990	0	0
ESSA BANCORP INC	COM	29667D104	84	5,237	SH	SOLE	1	5,237	0	0
ESSENT GROUP LTD	COM	G3198U102	12,700	267,428	SH	SOLE	1	267,428	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	1,716	75,167	SH	SOLE	1	75,167	0	0
ESSENTIAL UTILITIES INC	COM	29670G102	18,110	404,694	SH	SOLE	1	404,694	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	5,440	20,010	SH	SOLE	1	20,010	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	25,551	87,851	SH	SOLE	1	87,851	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	415	15,015	SH	SOLE	1	15,015	0	0
ETON PHARMACEUTICALS INC	COM	29772L108	73	9,953	SH	SOLE	1	9,953	0	0
ETSY INC	COM	29786A106	8,544	42,367	SH	SOLE	1	42,367	0	0
EURONET WORLDWIDE INC	COM	298736109	83	601	SH	SOLE	1	601	0	0
EVANS BANCORP INC	COM	29911Q208	94	2,776	SH	SOLE	1	2,776	0	0
EVELO BIOSCIENCES INC	COM	299734103	144	13,422	SH	SOLE	1	13,422	0	0
EVENTBRITE INC CLASS A	COM	29975E109	830	37,474	SH	SOLE	1	37,474	0	0
EVERBRIDGE INC	COM	29978A104	96	794	SH	SOLE	1	794	0	0
EVERCORE INC A	COM	29977A105	11,416	86,656	SH	SOLE	1	86,656	0	0
EVEREST RE GROUP LTD	COM	G3223R108	3,049	12,303	SH	SOLE	1	12,303	0	0
EVERGY INC	COM	30034W106	4,158	69,854	SH	SOLE	1	69,854	0	0
EVERI HOLDINGS INC	COM	30034T103	675	47,861	SH	SOLE	1	47,861	0	0
EVERQUOTE INC CLASS A	COM	30041R108	297	8,175	SH	SOLE	1	8,175	0	0
EVERSOURCE ENERGY	COM	30040W108	12,651	146,098	SH	SOLE	1	146,098	0	0
EVERTEC INC	COM	30040P103	1,491	40,068	SH	SOLE	1	40,068	0	0
EVI INDUSTRIES INC	COM	26929N102	84	2,928	SH	SOLE	1	2,928	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	733	26,631	SH	SOLE	1	26,631	0	0
EVOFEM BIOSCIENCES INC	COM	30048L104	78	44,694	SH	SOLE	1	44,694	0	0
EVOLENT HEALTH INC A	COM	30050B101	889	44,004	SH	SOLE	1	44,004	0	0
EVOLUS INC	COM	30052C107	165	12,689	SH	SOLE	1	12,689	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	61	18,087	SH	SOLE	1	18,087	0	0

EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	1,769	67,253	SH	SOLE	1	67,253	0	0
EW SCRIPPS CO/THE A	COM	811054402	721	37,428	SH	SOLE	1	37,428	0	0
EXACT SCIENCES CORP	COM	30063P105	413	3,131	SH	SOLE	1	3,131	0	0
EXAGEN INC	COM	30068X103	49	2,783	SH	SOLE	1	2,783	0	0
EXELIXIS INC	COM	30161Q104	12,798	566,512	SH	SOLE	1	566,512	0	0
EXELON CORP	COM	30161N101	15,314	350,120	SH	SOLE	1	350,120	0	0
EXICURE INC	COM	30205M101	75	34,564	SH	SOLE	1	34,564	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	1,990	22,069	SH	SOLE	1	22,069	0	0
EXONE CO/THE	COM	302104104	263	8,381	SH	SOLE	1	8,381	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	1,320	28,985	SH	SOLE	1	28,985	0	0
EXPEDIA GROUP INC	COM	30212P303	8,834	51,324	SH	SOLE	1	51,324	0	0
EXPEDITORS INTL WASH INC	COM	302130109	7,466	69,325	SH	SOLE	1	69,325	0	0
EXPONENT INC	COM	30214U102	3,337	34,239	SH	SOLE	1	34,239	0	0
EXPRESS INC	COM	30219E103	149	37,059	SH	SOLE	1	37,059	0	0
EXTENDED STAY AMERICA INC	COM UNIT	30224P200	42	2,117	SH	SOLE	1	2,117	0	0
EXTERRAN CORP	COM	30227H106	51	15,189	SH	SOLE	1	15,189	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	5,720	43,151	SH	SOLE	1	43,151	0	0
EXTREME NETWORKS INC	COM	30226D106	707	80,774	SH	SOLE	1	80,774	0	0
EXXON MOBIL CORP	COM	30231G102	71,978	1,289,244	SH	SOLE	1	1,289,244	0	0
EZCORP INC CL A	CL A	302301106	162	32,557	SH	SOLE	1	32,557	0	0
F5 NETWORKS INC	COM	315616102	4,018	19,259	SH	SOLE	1	19,259	0	0
FABRINET	COM	G3323L100	2,211	24,465	SH	SOLE	1	24,465	0	0
FACEBOOK INC CLASS A	COM	30303M102	246,125	835,653	SH	SOLE	1	835,653	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	21,356	69,206	SH	SOLE	1	69,206	0	0
FAIR ISAAC CORP	COM	303250104	25,888	53,261	SH	SOLE	1	53,261	0	0
FALCON MINERALS CORP	COM	30607B109	100	22,257	SH	SOLE	1	22,257	0	0
FARMER BROS CO	COM	307675108	100	9,599	SH	SOLE	1	9,599	0	0
FARMERS & MERCHANTS BANCO/OH	COM	30779N105	148	5,897	SH	SOLE	1	5,897	0	0
FARMERS NATL BANC CORP	COM	309627107	253	15,125	SH	SOLE	1	15,125	0	0
FARMLAND PARTNERS INC	COM	31154R109	168	14,959	SH	SOLE	1	14,959	0	0
FARO TECHNOLOGIES INC	COM	311642102	1,025	11,842	SH	SOLE	1	11,842	0	0
FASTENAL CO	COM	311900104	13,371	265,923	SH	SOLE	1	265,923	0	0
FASTLY INC CLASS A	CL A	31188V100	119	1,769	SH	SOLE	1	1,769	0	0
FATE THERAPEUTICS INC	COM	31189P102	3,831	46,464	SH	SOLE	1	46,464	0	0
FATHOM HOLDINGS INC	COM	31189V109	102	2,786	SH	SOLE	1	2,786	0	0
FB FINANCIAL CORP	COM	30257X104	934	21,004	SH	SOLE	1	21,004	0	0
FBL FINANCIAL GROUP INC CL A	CL A	30239F106	313	5,599	SH	SOLE	1	5,599	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	534	5,300	SH	SOLE	1	5,300	0	0
FEDERAL REALTY INVS TRUST	COM	313747206	2,189	21,578	SH	SOLE	1	21,578	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,528	39,902	SH	SOLE	1	39,902	0	0
FEDERATED HERMES INC	CL B	314211103	7,721	246,675	SH	SOLE	1	246,675	0	0
FEDEX CORP	COM	31428X106	20,951	73,760	SH	SOLE	1	73,760	0	0
FEDNAT HOLDING CO	COM	31431B109	33	7,196	SH	SOLE	1	7,196	0	0
FENNEC	COM	31447P100	79	12,685	SH	SOLE	1	12,685	0	0

PHARMACEUTICALS INC											
FERRO CORP	COM	315405100	920	54,563	SH	SOLE	1	54,563	0	0	
FIBROGEN INC	COM	31572Q808	1,984	57,150	SH	SOLE	1	57,150	0	0	
FIDELITY D&D BANCORP INC	COM	31609R100	141	2,296	SH	SOLE	1	2,296	0	0	
FIDELITY NATIONAL FINANCIAL	COM	31620R303	1,791	44,060	SH	SOLE	1	44,060	0	0	
FIDELITY NATIONAL INFO SERV	COM	31620M106	30,342	215,785	SH	SOLE	1	215,785	0	0	
FIESTA RESTAURANT GROUP	COM	31660B101	151	11,955	SH	SOLE	1	11,955	0	0	
FIFTH THIRD BANCORP	COM	316773100	8,197	218,884	SH	SOLE	1	218,884	0	0	
FINANCIAL INSTITUTIONS INC	COM	317585404	280	9,233	SH	SOLE	1	9,233	0	0	
FIREEYE INC	COM	31816Q101	63	3,237	SH	SOLE	1	3,237	0	0	
FIRST AMERICAN FINANCIAL	COM	31847R102	12,450	219,764	SH	SOLE	1	219,764	0	0	
FIRST BANCORP INC/ME	COM	31866P102	172	5,896	SH	SOLE	1	5,896	0	0	
FIRST BANCORP PUERTO RICO	COM	318672706	1,617	143,598	SH	SOLE	1	143,598	0	0	
FIRST BANCORP/NC	COM	318910106	820	18,853	SH	SOLE	1	18,853	0	0	
FIRST BANCSHARES INC/MS	COM	318916103	435	11,892	SH	SOLE	1	11,892	0	0	
FIRST BANK/HAMILTON NJ	COM	31931U102	114	9,331	SH	SOLE	1	9,331	0	0	
FIRST BUSEY CORP	COM	319383204	753	29,371	SH	SOLE	1	29,371	0	0	
FIRST BUSINESS FINANCIAL SER	COM	319390100	117	4,747	SH	SOLE	1	4,747	0	0	
FIRST CAPITAL INC	COM	31942S104	92	1,898	SH	SOLE	1	1,898	0	0	
FIRST CHOICE BANCORP	COM	31948P104	147	6,041	SH	SOLE	1	6,041	0	0	
FIRST CITIZENS BCSHS CL A	CL A	31946M103	63	75	SH	SOLE	1	75	0	0	
FIRST COMMONWEALTH FINL CORP	COM	319829107	1,937	134,804	SH	SOLE	1	134,804	0	0	
FIRST COMMUNITY BANKSHARES	COM	31983A103	303	10,100	SH	SOLE	1	10,100	0	0	
FIRST COMMUNITY CORP	COM	319835104	83	4,173	SH	SOLE	1	4,173	0	0	
FIRST FINANCIAL BANCORP	COM	320209109	1,551	64,608	SH	SOLE	1	64,608	0	0	
FIRST FINANCIAL CORP/INDIANA	COM	320218100	349	7,750	SH	SOLE	1	7,750	0	0	
FIRST FINL BANKSHARES INC	COM	32020R109	15,483	331,322	SH	SOLE	1	331,322	0	0	
FIRST FOUNDATION INC	COM	32026V104	539	22,984	SH	SOLE	1	22,984	0	0	
FIRST GUARANTY BANCSHARES IN	COM	32043P106	38	2,127	SH	SOLE	1	2,127	0	0	
FIRST HAWAIIAN INC	COM	32051X108	340	12,428	SH	SOLE	1	12,428	0	0	
FIRST HORIZON CORP	COM	320517105	18,831	1,113,576	SH	SOLE	1	1,113,576	0	0	
FIRST INDUSTRIAL REALTY TR	COM	32054K103	10,715	233,996	SH	SOLE	1	233,996	0	0	
FIRST INTERNET BANCORP	COM	320557101	194	5,509	SH	SOLE	1	5,509	0	0	
FIRST INTERSTATE BANCYSYS A	COM	32055Y201	1,087	23,614	SH	SOLE	1	23,614	0	0	
FIRST MERCHANTS CORP	COM	320817109	1,463	31,455	SH	SOLE	1	31,455	0	0	
FIRST MID BANCSHARES INC	COM	320866106	374	8,503	SH	SOLE	1	8,503	0	0	
FIRST MIDWEST BANCORP INC/IL	COM	320867104	1,665	75,980	SH	SOLE	1	75,980	0	0	
FIRST NORTHWEST BANCORP	COM	335834107	84	5,060	SH	SOLE	1	5,060	0	0	

FIRST OF LONG ISLAND CORP	COM	320734106	282	13,276	SH	SOLE	1	13,276	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	9,954	59,692	SH	SOLE	1	59,692	0	0
FIRST SAVINGS FINANCIAL GRP	COM	33621E109	73	1,088	SH	SOLE	1	1,088	0	0
FIRST SOLAR INC	COM	336433107	13,421	153,734	SH	SOLE	1	153,734	0	0
FIRST UNITED CORP	COM	33741H107	70	3,995	SH	SOLE	1	3,995	0	0
FIRST WESTERN FINANCIAL INC	COM	33751L105	91	3,642	SH	SOLE	1	3,642	0	0
FIRSTCASH INC	COM	33767D105	6,409	97,591	SH	SOLE	1	97,591	0	0
FIRSTENERGY CORP	COM	337932107	7,003	201,864	SH	SOLE	1	201,864	0	0
FISERV INC	COM	337738108	30,369	255,112	SH	SOLE	1	255,112	0	0
FIVE BELOW	COM	33829M101	19,424	101,809	SH	SOLE	1	101,809	0	0
FIVE PRIME THERAPEUTICS INC	COM	33830X104	705	18,705	SH	SOLE	1	18,705	0	0
FIVE STAR SENIOR LIVING INC	COM	33832D205	67	11,009	SH	SOLE	1	11,009	0	0
FIVE9 INC	COM	338307101	216	1,384	SH	SOLE	1	1,384	0	0
FLAGSTAR BANCORP INC	COM	337930705	1,442	31,982	SH	SOLE	1	31,982	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	7,226	26,900	SH	SOLE	1	26,900	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	228	25,515	SH	SOLE	1	25,515	0	0
FLIR SYSTEMS INC	COM	302445101	2,281	40,389	SH	SOLE	1	40,389	0	0
FLOOR & DECOR HOLDINGS INC A	COM	339750101	201	2,105	SH	SOLE	1	2,105	0	0
FLOWERS FOODS INC	COM	343498101	8,491	356,772	SH	SOLE	1	356,772	0	0
FLOWSERVE CORP	COM	34354P105	9,163	236,089	SH	SOLE	1	236,089	0	0
FLUENT INC	COM	34380C102	100	24,374	SH	SOLE	1	24,374	0	0
FLUIDIGM CORP	COM	34385P108	195	43,121	SH	SOLE	1	43,121	0	0
FLUOR CORP	COM	343412102	7,574	328,003	SH	SOLE	1	328,003	0	0
FLUSHING FINANCIAL CORP	COM	343873105	364	17,145	SH	SOLE	1	17,145	0	0
FMC CORP	COM	302491303	6,332	57,242	SH	SOLE	1	57,242	0	0
FNB CORP	COM	302520101	7,400	582,687	SH	SOLE	1	582,687	0	0
FNCB BANCORP INC	COM	302578109	75	9,966	SH	SOLE	1	9,966	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	933	22,414	SH	SOLE	1	22,414	0	0
FOGHORN THERAPEUTICS INC	COM	344174107	55	4,192	SH	SOLE	1	4,192	0	0
FONAR CORP	COM	344437405	66	3,674	SH	SOLE	1	3,674	0	0
FOOT LOCKER INC	COM	344849104	11,704	208,077	SH	SOLE	1	208,077	0	0
FORD MOTOR CO	COM	345370860	14,735	1,202,882	SH	SOLE	1	1,202,882	0	0
FORD MOTOR ORD	COM	345370860	79,625	6,500	SH	SOLE	1	6,500	0	0
FORESTAR GROUP INC	COM	346232101	226	9,710	SH	SOLE	1	9,710	0	0
FORMA THERAPEUTICS HOLDINGS	SHS	34633R104	494	17,615	SH	SOLE	1	17,615	0	0
FORMFACTOR INC	COM	346375108	3,053	67,679	SH	SOLE	1	67,679	0	0
FORRESTER RESEARCH INC	COM	346563109	313	7,360	SH	SOLE	1	7,360	0	0
FORTERRA INC	COM	34960W106	394	16,954	SH	SOLE	1	16,954	0	0
FORTINET INC	COM	34959E109	10,394	56,363	SH	SOLE	1	56,363	0	0
FORTIVE CORP	COM	34959J108	10,594	149,973	SH	SOLE	1	149,973	0	0
FORTRESS BIOTECH INC	COM	34960Q109	138	38,959	SH	SOLE	1	38,959	0	0
FORTUNE BRANDS HOME & SECURI	COM	34964C106	4,167	43,489	SH	SOLE	1	43,489	0	0
FORWARD AIR CORP	COM	349853101	1,619	18,230	SH	SOLE	1	18,230	0	0
FOSSIL GROUP INC	COM	34988V106	387	31,230	SH	SOLE	1	31,230	0	0
FOSTER (LB) CO A	COM	350060109	105	5,881	SH	SOLE	1	5,881	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,454	53,063	SH	SOLE	1	53,063	0	0

FOX CORP CLASS A	COM	35137L105	4,474	123,899	SH	SOLE	1	123,899	0	0
FOX CORP CLASS B	COM	35137L204	2,216	63,444	SH	SOLE	1	63,444	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	12,625	99,366	SH	SOLE	1	99,366	0	0
FRANCHISE GROUP INC	COM	35180X105	459	12,724	SH	SOLE	1	12,724	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	321	90,317	SH	SOLE	1	90,317	0	0
FRANKLIN COVEY CO	COM	353469109	209	7,388	SH	SOLE	1	7,388	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	2,370	30,025	SH	SOLE	1	30,025	0	0
FRANKLIN FINANCIAL SERVICES	COM	353525108	76	2,432	SH	SOLE	1	2,432	0	0
FRANKLIN RESOURCES INC	COM	354613101	4,994	168,703	SH	SOLE	1	168,703	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	374	68,576	SH	SOLE	1	68,576	0	0
FREEMPORT MCMORAN INC	COM	35671D857	15,088	458,190	SH	SOLE	1	458,190	0	0
FREQUENCY THERAPEUTICS INC	COM	35803L108	139	14,637	SH	SOLE	1	14,637	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	591	20,647	SH	SOLE	1	20,647	0	0
FRESHPET INC	COM	358039105	3,772	23,752	SH	SOLE	1	23,752	0	0
FRONTDOOR INC	COM	35905A109	63	1,175	SH	SOLE	1	1,175	0	0
FRONTLINE LTD	COM	G3682E192	492	68,752	SH	SOLE	1	68,752	0	0
FRP HOLDINGS INC	COM	30292L107	186	3,782	SH	SOLE	1	3,782	0	0
FS BANCORP INC	COM	30263Y104	147	2,187	SH	SOLE	1	2,187	0	0
FTI CONSULTING INC	COM	302941109	8,696	62,063	SH	SOLE	1	62,063	0	0
FUELCELL ENERGY INC	COM	35952H601	2,645	183,585	SH	SOLE	1	183,585	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	117	9,926	SH	SOLE	1	9,926	0	0
FULGENT GENETICS INC	COM	359664109	905	9,363	SH	SOLE	1	9,363	0	0
FULTON FINANCIAL CORP	COM	360271100	6,553	384,812	SH	SOLE	1	384,812	0	0
FUNKO INC CLASS A	COM	361008105	280	14,213	SH	SOLE	1	14,213	0	0
FUTUREFUEL CORP	COM	36116M106	250	17,220	SH	SOLE	1	17,220	0	0
FVCBANKCORP INC	COM	36120Q101	119	6,882	SH	SOLE	1	6,882	0	0
G III APPAREL GROUP LTD	COM	36237H101	882	29,261	SH	SOLE	1	29,261	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	478	19,881	SH	SOLE	1	19,881	0	0
GAIA INC	COM	36269P104	84	7,054	SH	SOLE	1	7,054	0	0
GALECTIN THERAPEUTICS INC	COM	363225202	47	21,677	SH	SOLE	1	21,677	0	0
GALERA THERAPEUTICS INC	COM	36338D108	45	5,096	SH	SOLE	1	5,096	0	0
GAMCO INVESTORS INC A	COM	361438104	58	3,117	SH	SOLE	1	3,117	0	0
GAMESTOP CORP CLASS A	COM	36467W109	7,191	37,884	SH	SOLE	1	37,884	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	225	5,314	SH	SOLE	1	5,314	0	0
GAN LTD	COM	G3728V109	339	18,649	SH	SOLE	1	18,649	0	0
GANNETT CO INC	COM	36472T109	476	88,544	SH	SOLE	1	88,544	0	0
GAP INC/THE	COM	364760108	1,878	63,047	SH	SOLE	1	63,047	0	0
GARMIN LTD	COM	H2906T109	6,179	46,861	SH	SOLE	1	46,861	0	0
GARTNER INC	COM	366651107	5,235	28,675	SH	SOLE	1	28,675	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	13	798	SH	SOLE	1	798	0	0
GATOS SILVER INC	COM	368036109	137	13,776	SH	SOLE	1	13,776	0	0
GATX CORP	COM	361448103	7,743	83,487	SH	SOLE	1	83,487	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	797	32,492	SH	SOLE	1	32,492	0	0
GDS HOLDINGS LTD	ADR	36165L108	99	1,222	SH	SOLE	1	1,222	0	0

ADR											
GENASYS INC	COM	36872P103	130	19,394	SH	SOLE	1	19,394	0	0	
GENCO SHIPPING & TRADING LTD	COM	Y2685T131	101	9,973	SH	SOLE	1	9,973	0	0	
GENCOR INDUSTRIES INC	COM	368678108	82	6,095	SH	SOLE	1	6,095	0	0	
GENERAC HOLDINGS INC	COM	368736104	6,732	20,560	SH	SOLE	1	20,560	0	0	
GENERAL DYNAMICS CORP	COM	369550108	32,892	181,164	SH	SOLE	1	181,164	0	0	
GENERAL ELECTRIC CO	COM	369604103	34,061	2,594,105	SH	SOLE	1	2,594,105	0	0	
GENERAL FINANCE CORP	COM	369822101	73	6,025	SH	SOLE	1	6,025	0	0	
GENERAL MILLS INC	COM	370334104	176,043	2,870,897	SH	SOLE	1	2,870,897	0	0	
GENERAL MOTORS CO	COM	37045V100	23,145	402,800	SH	SOLE	1	402,800	0	0	
GENERATION BIO CO	COM	37148K100	668	23,483	SH	SOLE	1	23,483	0	0	
GENESCO INC	COM	371532102	457	9,613	SH	SOLE	1	9,613	0	0	
GENIE ENERGY LTD B	COM	372284208	49	7,678	SH	SOLE	1	7,678	0	0	
GENMARK DIAGNOSTICS INC	COM	372309104	970	40,588	SH	SOLE	1	40,588	0	0	
GENPACT LTD	COM	G3922B107	129	3,009	SH	SOLE	1	3,009	0	0	
GENPREX INC	COM	372446104	73	16,947	SH	SOLE	1	16,947	0	0	
GENTEX CORP	COM	371901109	15,752	441,600	SH	SOLE	1	441,600	0	0	
GENTHERM INC	COM	37253A103	1,618	21,828	SH	SOLE	1	21,828	0	0	
GENUINE PARTS CO	COM	372460105	20,546	177,745	SH	SOLE	1	177,745	0	0	
GENWORTH FINANCIAL INC CL A	CL A	37247D106	4,001	1,205,007	SH	SOLE	1	1,205,007	0	0	
GEO GROUP INC/THE	COM	36162J106	709	91,416	SH	SOLE	1	91,416	0	0	
GERMAN AMERICAN BANCORP	COM	373865104	663	14,355	SH	SOLE	1	14,355	0	0	
GERON CORP	COM	374163103	265	167,445	SH	SOLE	1	167,445	0	0	
GETTY REALTY CORP	COM	374297109	772	27,272	SH	SOLE	1	27,272	0	0	
GIBRALTAR INDUSTRIES INC	COM	374689107	1,986	21,708	SH	SOLE	1	21,708	0	0	
GILEAD SCIENCES INC	COM	375558103	29,124	450,621	SH	SOLE	1	450,621	0	0	
GLACIER BANCORP INC	COM	37637Q105	12,993	227,631	SH	SOLE	1	227,631	0	0	
GLADSTONE COMMERCIAL CORP	COM	376536108	384	19,609	SH	SOLE	1	19,609	0	0	
GLADSTONE LAND CORP	COM	376549101	369	20,180	SH	SOLE	1	20,180	0	0	
GLATFELTER CORP	COM	377320106	501	29,224	SH	SOLE	1	29,224	0	0	
GLAUKOS CORP	COM	377322102	2,408	28,691	SH	SOLE	1	28,691	0	0	
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	54	1,331	SH	SOLE	1	1,331	0	0	
GLOBAL MEDICAL REIT INC	COM	37954A204	336	25,617	SH	SOLE	1	25,617	0	0	
GLOBAL NET LEASE INC	COM	379378201	1,828	101,219	SH	SOLE	1	101,219	0	0	
GLOBAL PAYMENTS INC	COM	37940X102	17,608	87,352	SH	SOLE	1	87,352	0	0	
GLOBAL WATER RESOURCES INC	COM	379463102	122	7,456	SH	SOLE	1	7,456	0	0	
GLOBANT SA	COM	L44385109	281	1,354	SH	SOLE	1	1,354	0	0	
GLOBE LIFE INC	COM	37959E102	2,836	29,347	SH	SOLE	1	29,347	0	0	
GLOBUS MEDICAL INC A	COM	379577208	8,636	140,035	SH	SOLE	1	140,035	0	0	
GLU MOBILE INC	COM	379890106	1,237	99,084	SH	SOLE	1	99,084	0	0	
GLYCOMIMETICS INC	COM	38000Q102	65	21,596	SH	SOLE	1	21,596	0	0	
GMS INC	COM	36251C103	1,162	27,831	SH	SOLE	1	27,831	0	0	
GODADDY INC CLASS A	COM	380237107	293	3,773	SH	SOLE	1	3,773	0	0	
GOGO INC	COM	38046C109	311	32,160	SH	SOLE	1	32,160	0	0	
GOHEALTH INC CLASS A	CL A	38046W105	7	570	SH	SOLE	1	570	0	0	
GOLAR LNG LTD	COM	G9456A100	610	59,645	SH	SOLE	1	59,645	0	0	



GOLD RESOURCE CORP	COM	38068T105	103	39,069	SH	SOLE	1	39,069	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	247	9,765	SH	SOLE	1	9,765	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	33,288	101,798	SH	SOLE	1	101,798	0	0
GOODRICH PETROLEUM CORP	COM	382410843	51	5,380	SH	SOLE	1	5,380	0	0
GOODYEAR TIRE & RUBBER CO	COM	382550101	9,747	554,759	SH	SOLE	1	554,759	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	824	7,688	SH	SOLE	1	7,688	0	0
GOPRO INC CLASS A	COM	38268T103	830	71,332	SH	SOLE	1	71,332	0	0
GORMAN RUPP CO	COM	383082104	340	10,260	SH	SOLE	1	10,260	0	0
GOSSAMER BIO INC	COM	38341P102	305	33,023	SH	SOLE	1	33,023	0	0
GP STRATEGIES CORP	COM	36225V104	133	7,607	SH	SOLE	1	7,607	0	0
GRACO INC	COM	384109104	21,963	306,667	SH	SOLE	1	306,667	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	25	2,031	SH	SOLE	1	2,031	0	0
GRAHAM CORP	COM	384556106	80	5,621	SH	SOLE	1	5,621	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	4,115	7,317	SH	SOLE	1	7,317	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	9,098	84,944	SH	SOLE	1	84,944	0	0
GRANITE CONSTRUCTION INC	COM	387328107	1,252	31,112	SH	SOLE	1	31,112	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	436	36,409	SH	SOLE	1	36,409	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	69	3,796	SH	SOLE	1	3,796	0	0
GRAY TELEVISION INC	COM	389375106	931	50,609	SH	SOLE	1	50,609	0	0
GRAYBUG VISION INC	COM	38942Q103	21	3,806	SH	SOLE	1	3,806	0	0
GRAYBUG VISION INC	COM SHS	38942Q103	598	107,765	SH	SOLE	2	107,765	0	0
GREAT AJAX CORP	COM	38983D300	131	12,060	SH	SOLE	1	12,060	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	540	37,040	SH	SOLE	1	37,040	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	358	6,310	SH	SOLE	1	6,310	0	0
GREAT WESTERN BANCORP INC	COM	391416104	1,115	36,820	SH	SOLE	1	36,820	0	0
GREEN BRICK PARTNERS INC	COM	392709101	405	17,878	SH	SOLE	1	17,878	0	0
GREEN DOT CORP CLASS A	COM	39304D102	1,579	34,493	SH	SOLE	1	34,493	0	0
GREEN PLAINS INC	COM	393222104	634	23,422	SH	SOLE	1	23,422	0	0
GREENBRIER COMPANIES INC	COM	393657101	1,016	21,515	SH	SOLE	1	21,515	0	0
GREENE COUNTY BANCORP INC	COM	394357107	44	1,775	SH	SOLE	1	1,775	0	0
GREENHILL & CO INC	COM	395259104	158	9,561	SH	SOLE	1	9,561	0	0
GREENLANE HOLDINGS INC A	COM	395330103	32	5,990	SH	SOLE	1	5,990	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	137	15,779	SH	SOLE	1	15,779	0	0
GREENSKY INC CLASS A	CL A	39572G100	228	36,816	SH	SOLE	1	36,816	0	0
GREIF INC CL A	CL A	397624107	3,575	62,723	SH	SOLE	1	62,723	0	0
GREIF INC CL B	COM	397624206	200	3,486	SH	SOLE	1	3,486	0	0
GRID DYNAMICS HOLDINGS INC	CL A	39813G109	253	15,877	SH	SOLE	1	15,877	0	0
GRIFFON CORP	COM	398433102	831	30,589	SH	SOLE	1	30,589	0	0
GRITSTONE ONCOLOGY INC	COM	39868T105	165	17,545	SH	SOLE	1	17,545	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	5,804	157,321	SH	SOLE	1	157,321	0	0
GROUP 1 AUTOMOTIVE	COM	398905109	1,825	11,565	SH	SOLE	1	11,565	0	0

INC										
GROUPON INC	COM	399473206	685	13,558	SH	SOLE	1	13,558	0	0
GROWGENERATION CORP	COM	39986L109	1,178	23,715	SH	SOLE	1	23,715	0	0
GRUBHUB INC	COM	400110102	10,145	169,080	SH	SOLE	1	169,080	0	0
GSI TECHNOLOGY INC	COM	36241U106	64	9,636	SH	SOLE	1	9,636	0	0
GSX TECHEDU INC ADR	SPONSORED ADS	36257Y109	34	1,011	SH	SOLE	1	1,011	0	0
GTT COMMUNICATIONS INC	COM	362393100	34	18,566	SH	SOLE	1	18,566	0	0
GTY TECHNOLOGY HOLDINGS INC	COM	362409104	171	26,780	SH	SOLE	1	26,780	0	0
GUARANTY BANCSHARES INC	COM	400764106	165	4,477	SH	SOLE	1	4,477	0	0
GUARDANT HEALTH INC	COM	40131M109	281	1,842	SH	SOLE	1	1,842	0	0
GUESS INC	COM	401617105	618	26,290	SH	SOLE	1	26,290	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	119	1,172	SH	SOLE	1	1,172	0	0
GWG HOLDINGS INC	COM	36192A109	13	1,865	SH	SOLE	1	1,865	0	0
H.B. FULLER CO.	COM	359694106	2,180	34,656	SH	SOLE	1	34,656	0	0
H&E EQUIPMENT SERVICES INC	COM	404030108	709	18,670	SH	SOLE	1	18,670	0	0
H&R BLOCK INC	COM	093671105	8,608	394,869	SH	SOLE	1	394,869	0	0
HACKETT GROUP INC/THE	COM	404609109	239	14,578	SH	SOLE	1	14,578	0	0
HAEMONETICS CORP/MASS	COM	405024100	10,278	92,586	SH	SOLE	1	92,586	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	6,475	148,498	SH	SOLE	1	148,498	0	0
HALLIBURTON CO	COM	406216101	5,870	273,534	SH	SOLE	1	273,534	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	13,036	312,678	SH	SOLE	1	312,678	0	0
HAMILTON BEACH BRAND A	COM	40701T104	72	3,982	SH	SOLE	1	3,982	0	0
HAMILTON LANE INC CLASS A	COM	407497106	1,657	18,705	SH	SOLE	1	18,705	0	0
HANCOCK WHITNEY CORP	COM	410120109	9,745	231,965	SH	SOLE	1	231,965	0	0
HANESBRANDS INC	COM	410345102	4,370	222,179	SH	SOLE	1	222,179	0	0
HANGER INC	COM	41043F208	565	24,747	SH	SOLE	1	24,747	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	402	20,363	SH	SOLE	1	20,363	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	2,402	42,818	SH	SOLE	1	42,818	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	8,537	65,940	SH	SOLE	1	65,940	0	0
HARBORONE BANCORP INC	COM	41165Y100	407	30,213	SH	SOLE	1	30,213	0	0
HARLEY DAVIDSON INC	COM	412822108	11,141	277,835	SH	SOLE	1	277,835	0	0
HARMONIC INC	COM	413160102	505	64,370	SH	SOLE	1	64,370	0	0
HARMONY BIOSCIENCES HOLDINGS	COM	413197104	120	3,620	SH	SOLE	1	3,620	0	0
HARPOON THERAPEUTICS INC	COM	41358P106	165	7,896	SH	SOLE	1	7,896	0	0
HARROW HEALTH INC	COM	415858109	88	13,044	SH	SOLE	1	13,044	0	0
HARSCO CORP	COM	415864107	894	52,133	SH	SOLE	1	52,133	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	10,041	150,332	SH	SOLE	1	150,332	0	0
HARVARD BIOSCIENCE INC	COM	416906105	122	22,311	SH	SOLE	1	22,311	0	0
HASBRO INC	COM	418056107	6,631	68,990	SH	SOLE	1	68,990	0	0
HAVERTY FURNITURE	COM	419596101	406	10,928	SH	SOLE	1	10,928	0	0
HAWAIIAN ELECTRIC	COM	419870100	8,790	197,836	SH	SOLE	1	197,836	0	0

INDS										
HAWAIIAN HOLDINGS INC	COM	419879101	853	31,978	SH	SOLE	1	31,978	0	0
HAWKINS INC	COM	420261109	431	12,854	SH	SOLE	1	12,854	0	0
HAWTHORN BANCSHARES INC	COM	420476103	73	3,407	SH	SOLE	1	3,407	0	0
HAYNES INTERNATIONAL INC	COM	420877201	247	8,330	SH	SOLE	1	8,330	0	0
HBT FINANCIAL INC/DE	COM	404111106	98	5,703	SH	SOLE	1	5,703	0	0
HC2 HOLDINGS INC	COM	404139107	114	28,849	SH	SOLE	1	28,849	0	0
HCA HEALTHCARE INC	COM	40412C101	18,683	99,198	SH	SOLE	1	99,198	0	0
HCI GROUP INC	COM	40416E103	319	4,159	SH	SOLE	1	4,159	0	0
HEALTH CATALYST INC	COM	42225T107	917	19,605	SH	SOLE	1	19,605	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	10,206	336,621	SH	SOLE	1	336,621	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	4,990	178,037	SH	SOLE	1	178,037	0	0
HEALTHCARE TRUST OF AME CL A	CL A	42225P501	72	2,601	SH	SOLE	1	2,601	0	0
HEALTH EQUITY INC	COM	42226A107	13,697	201,425	SH	SOLE	1	201,425	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	5,382	169,557	SH	SOLE	1	169,557	0	0
HEALTHSTREAM INC	COM	42222N103	383	17,126	SH	SOLE	1	17,126	0	0
HEARTLAND EXPRESS INC	COM	422347104	635	32,434	SH	SOLE	1	32,434	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	1,018	20,247	SH	SOLE	1	20,247	0	0
HECLA MINING CO	COM	422704106	1,731	304,201	SH	SOLE	1	304,201	0	0
HEICO CORP	COM	422806109	115	911	SH	SOLE	1	911	0	0
HEICO CORP CLASS A	COM	422806208	180	1,584	SH	SOLE	1	1,584	0	0
HEIDRICK & STRUGGLES INTL	COM	422819102	457	12,787	SH	SOLE	1	12,787	0	0
HELEN OF TROY LTD	COM	G4388N106	12,255	58,172	SH	SOLE	1	58,172	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	1,320	18,112	SH	SOLE	1	18,112	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	479	94,929	SH	SOLE	1	94,929	0	0
HELMERICH & PAYNE	COM	423452101	275	10,211	SH	SOLE	1	10,211	0	0
HEMISPHERE MEDIA GRO	CL A	42365Q103	11,279	968,149	SH	SOLE	2	968,149	0	0
HEMISPHERE MEDIA GROUP INC	CL A	42365Q103	111	9,556	SH	SOLE	1	9,556	0	0
HENRY SCHEIN INC	COM	806407102	3,473	50,158	SH	SOLE	1	50,158	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	53	1,202	SH	SOLE	1	1,202	0	0
HERC HOLDINGS INC	COM	42704L104	1,437	14,181	SH	SOLE	1	14,181	0	0
HERITAGE COMMERCE CORP	COM	426927109	1,412	115,540	SH	SOLE	1	115,540	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	247	9,109	SH	SOLE	1	9,109	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	677	23,978	SH	SOLE	1	23,978	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	162	14,624	SH	SOLE	1	14,624	0	0
HERMAN MILLER INC	COM	600544100	5,784	140,559	SH	SOLE	1	140,559	0	0
HERON THERAPEUTICS INC	COM	427746102	828	51,074	SH	SOLE	1	51,074	0	0
HERSHA HOSPITALITY TRUST	COM	427825500	241	22,876	SH	SOLE	1	22,876	0	0
HERSHEY CO/THE	COM	427866108	21,705	137,234	SH	SOLE	1	137,234	0	0
HESKA CORP	COM	42805E306	822	4,879	SH	SOLE	1	4,879	0	0
HESS CORP	COM	42809H107	7,539	106,549	SH	SOLE	1	106,549	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	14,458	918,575	SH	SOLE	1	918,575	0	0

HEXCEL CORP	COM	428291108	8,484	151,500	SH	SOLE	1	151,500	0	0
HF FOODS GROUP INC	COM	40417F109	150	20,720	SH	SOLE	1	20,720	0	0
HIBBETT SPORTS INC	COM	428567101	757	10,994	SH	SOLE	1	10,994	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	8,086	188,318	SH	SOLE	1	188,318	0	0
HILL ROM HOLDINGS INC	COM	431475102	13,296	120,349	SH	SOLE	1	120,349	0	0
HILLENBRAND INC	COM	431571108	2,358	49,426	SH	SOLE	1	49,426	0	0
HILLTOP HOLDINGS INC	COM	432748101	1,490	43,665	SH	SOLE	1	43,665	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	1,862	49,655	SH	SOLE	1	49,655	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	10,455	86,460	SH	SOLE	1	86,460	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	234	823	SH	SOLE	1	823	0	0
HMS HOLDINGS CORP	COM	40425J101	1,899	51,354	SH	SOLE	1	51,354	0	0
HNI CORP	COM	404251100	1,124	28,423	SH	SOLE	1	28,423	0	0
HOLLYFRONTIER CORP	COM	436106108	1,646	45,995	SH	SOLE	1	45,995	0	0
HOLOGIC INC	COM	436440101	8,361	112,410	SH	SOLE	1	112,410	0	0
HOME BANCORP INC	COM	43689E107	157	4,356	SH	SOLE	1	4,356	0	0
HOME BANCSHARES INC	COM	436893200	9,811	362,688	SH	SOLE	1	362,688	0	0
HOME DEPOT INC	COM	437076102	283,436	928,538	SH	SOLE	1	928,538	0	0
HOME POINT CAPITAL INC	COM	43734L106	40	4,266	SH	SOLE	1	4,266	0	0
HOMESTREET INC	COM	43785V102	628	14,251	SH	SOLE	1	14,251	0	0
HOMETRUST BANCSHARES INC	COM	437872104	218	8,934	SH	SOLE	1	8,934	0	0
HOMOLOGY MEDICINES INC	COM	438083107	186	19,810	SH	SOLE	1	19,810	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	49,862	229,704	SH	SOLE	1	229,704	0	0
HOOKER FURNITURE CORP	COM	439038100	248	6,795	SH	SOLE	1	6,795	0	0
HOOKIPA PHARMA INC	COM	43906K100	113	8,379	SH	SOLE	1	8,379	0	0
HOPE BANCORP INC	COM	43940T109	2,476	164,378	SH	SOLE	1	164,378	0	0
HORACE MANN EDUCATORS	COM	440327104	1,193	27,603	SH	SOLE	1	27,603	0	0
HORIZON BANCORP INC/IN	COM	440407104	463	24,924	SH	SOLE	1	24,924	0	0
HORIZON THERAPEUTICS PLC	COM	G46188101	389	4,224	SH	SOLE	1	4,224	0	0
HORMEL FOODS CORP	COM	440452100	20,018	418,967	SH	SOLE	1	418,967	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	3,657	217,057	SH	SOLE	1	217,057	0	0
HOSTESS BRANDS INC	COM	44109J106	1,048	73,051	SH	SOLE	1	73,051	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	469	61,519	SH	SOLE	1	61,519	0	0
HOULIHAN LOKEY INC	COM	441593100	2,007	30,171	SH	SOLE	1	30,171	0	0
HOWARD BANCORP INC	COM	442496105	126	7,673	SH	SOLE	1	7,673	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	44	467	SH	SOLE	1	467	0	0
HOWMET AEROSPACE INC	COM	443201108	5,055	157,343	SH	SOLE	1	157,343	0	0
HP INC	COM	40434L105	234,519	7,386,410	SH	SOLE	1	7,386,410	0	0
HUAZHU GROUP LTD ADR	ADR	44332N106	122	2,224	SH	SOLE	1	2,224	0	0
HUB GROUP INC CL A	CL A	443320106	1,473	21,898	SH	SOLE	1	21,898	0	0
HUBBELL INC	COM	443510607	19,697	105,393	SH	SOLE	1	105,393	0	0
HUBSPOT INC	COM	443573100	422	928	SH	SOLE	1	928	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	7,543	278,044	SH	SOLE	1	278,044	0	0
HUMANA INC	COM	444859102	20,755	49,504	SH	SOLE	1	49,504	0	0

HUNT (JB) TRANSPRT SVCS INC	COM	445658107	4,446	26,454	SH	SOLE	1	26,454	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	6,241	397,017	SH	SOLE	1	397,017	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	2,557	12,423	SH	SOLE	1	12,423	0	0
HUNTSMAN CORP	COM	447011107	69	2,396	SH	SOLE	1	2,396	0	0
HURCO COMPANIES INC	COM	447324104	128	3,627	SH	SOLE	1	3,627	0	0
HURON CONSULTING GROUP INC	COM	447462102	665	13,201	SH	SOLE	1	13,201	0	0
HUTCHISON CHINA MEDITECH ADR	ADR	44842L103	26	907	SH	SOLE	1	907	0	0
HUYA INC ADR	ADS REP SHS A	44852D108	15	772	SH	SOLE	1	772	0	0
HYATT HOTELS CORP CL A	CL A	448579102	35	425	SH	SOLE	1	425	0	0
HYDROFARM HOLDINGS GROUP INC	COM	44888K209	338	5,609	SH	SOLE	1	5,609	0	0
HYSTER YALE MATERIALS	COM	449172105	503	5,773	SH	SOLE	1	5,773	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	336	10,800	SH	SOLE	1	10,800	0	0
IAA INC	COM	449253103	13,464	244,171	SH	SOLE	1	244,171	0	0
IAC/INTERACTIVECORP	COM	44891N109	364	1,682	SH	SOLE	1	1,682	0	0
IBEX LTD	SHS	G4690M101	76	3,467	SH	SOLE	1	3,467	0	0
IBIO INC	COM	451033203	192	124,749	SH	SOLE	1	124,749	0	0
ICAD INC	COM	44934S206	249	11,718	SH	SOLE	1	11,718	0	0
ICF INTERNATIONAL INC	COM	44925C103	927	10,606	SH	SOLE	1	10,606	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	974	18,097	SH	SOLE	1	18,097	0	0
ICU MEDICAL INC	COM	44930G107	7,330	35,679	SH	SOLE	1	35,679	0	0
IDACORP INC	COM	451107106	9,143	91,461	SH	SOLE	1	91,461	0	0
IDEAYA BIOSCIENCES INC	COM	45166A102	242	10,288	SH	SOLE	1	10,288	0	0
IDEX CORP	COM	45167R104	4,962	23,707	SH	SOLE	1	23,707	0	0
IDEXX LABORATORIES INC	COM	45168D104	17,880	36,541	SH	SOLE	1	36,541	0	0
IDT CORP CLASS B	COM	448947507	262	11,553	SH	SOLE	1	11,553	0	0
IES HOLDINGS INC	COM	44951W106	236	4,673	SH	SOLE	1	4,673	0	0
IGM BIOSCIENCES INC	COM	449585108	335	4,364	SH	SOLE	1	4,364	0	0
IHEARTMEDIA INC CLASS A	CL A	45174J509	646	35,618	SH	SOLE	1	35,618	0	0
IHS MARKIT LTD	COM	G47567105	13,549	140,000	SH	SOLE	1	140,000	0	0
II VI INC	COM	902104108	17,259	252,442	SH	SOLE	1	252,442	0	0
ILLINOIS TOOL WORKS	COM	452308109	39,564	178,602	SH	SOLE	1	178,602	0	0
ILLUMINA INC	COM	452327109	22,973	59,816	SH	SOLE	1	59,816	0	0
IMARA INC	COM	45249V107	38	4,462	SH	SOLE	1	4,462	0	0
IMAX CORP	COM	45245E109	580	28,841	SH	SOLE	1	28,841	0	0
IMMERSION CORPORATION	COM	452521107	96	9,985	SH	SOLE	1	9,985	0	0
IMMUNIC INC	COM	4525EP101	52	3,245	SH	SOLE	1	3,245	0	0
IMMUNITYBIO INC	COM	45256X103	436	18,371	SH	SOLE	1	18,371	0	0
IMMUNOGEN INC	COM	45253H101	906	111,795	SH	SOLE	1	111,795	0	0
IMMUNOME INC	COM	45257U108	41	1,218	SH	SOLE	1	1,218	0	0
IMMUNOVANT INC	COM	45258J102	351	21,853	SH	SOLE	1	21,853	0	0
IMPINJ INC	COM	453204109	568	9,992	SH	SOLE	1	9,992	0	0
INARI MEDICAL INC	COM	45332Y109	1,033	9,653	SH	SOLE	1	9,653	0	0
INCYTE CORP	COM	45337C102	6,705	82,497	SH	SOLE	1	82,497	0	0
INDEPENDENCE HOLDING CO	COM	453440307	107	2,693	SH	SOLE	1	2,693	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	1,154	75,953	SH	SOLE	1	75,953	0	0
INDEPENDENT BANK	COM	453838609	291	12,310	SH	SOLE	1	12,310	0	0

CORP MICH										
INDEPENDENT BANK CORP/MA	COM	453836108	1,844	21,907	SH	SOLE	1	21,907	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,779	24,633	SH	SOLE	1	24,633	0	0
INDUS REALTY TRUST INC	COM	45580R103	116	1,924	SH	SOLE	1	1,924	0	0
INDUSTRIAL LOGISTICS PROPERT	COM SHS BEN INT	456237106	1,121	48,478	SH	SOLE	1	48,478	0	0
INFINERA CORP	COM	45667G103	921	95,630	SH	SOLE	1	95,630	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	92	20,952	SH	SOLE	1	20,952	0	0
INFUSYSTEM HOLDINGS INC	COM	45685K102	174	8,525	SH	SOLE	1	8,525	0	0
INGERSOLL RAND INC	COM	45687V106	5,630	114,415	SH	SOLE	1	114,415	0	0
INGEVITY CORP	COM	45688C107	7,340	97,175	SH	SOLE	1	97,175	0	0
INGLES MARKETS INC CLASS A	COM	457030104	513	8,324	SH	SOLE	1	8,324	0	0
INGREDION INC	COM	457187102	12,276	136,523	SH	SOLE	1	136,523	0	0
INHIBRX INC	COM	45720L107	95	4,737	SH	SOLE	1	4,737	0	0
INNOSPEC INC	COM	45768S105	1,675	16,307	SH	SOLE	1	16,307	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	2,820	15,653	SH	SOLE	1	15,653	0	0
INNOVIVA INC	COM	45781M101	504	42,199	SH	SOLE	1	42,199	0	0
INOGEN INC	COM	45780L104	645	12,272	SH	SOLE	1	12,272	0	0
INOVALON HOLDINGS INC A	COM	45781D101	1,253	43,526	SH	SOLE	1	43,526	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	1,002	107,944	SH	SOLE	1	107,944	0	0
INOZYME PHARMA INC	COM	45790W108	139	7,011	SH	SOLE	1	7,011	0	0
INPHI CORP	COM	45772F107	191	1,072	SH	SOLE	1	1,072	0	0
INSEEGO CORP	COM	45782B104	408	40,830	SH	SOLE	1	40,830	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	2,205	23,113	SH	SOLE	1	23,113	0	0
INSMED INC	COM	457669307	2,202	64,663	SH	SOLE	1	64,663	0	0
INSPERITY INC	COM	45778Q107	7,110	84,901	SH	SOLE	1	84,901	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	3,158	15,257	SH	SOLE	1	15,257	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	1,685	15,194	SH	SOLE	1	15,194	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	383	12,418	SH	SOLE	1	12,418	0	0
INSULET CORP	COM	45784P101	384	1,471	SH	SOLE	1	1,471	0	0
INTEGER HOLDINGS CORP	COM	45826H109	2,008	21,805	SH	SOLE	1	21,805	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	8,874	128,440	SH	SOLE	1	128,440	0	0
INTEL CORP	COM	458140100	98,432	1,537,997	SH	SOLE	1	1,537,997	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	2,566	31,973	SH	SOLE	1	31,973	0	0
INTELLICHECK INC	COM	45817G201	88	10,474	SH	SOLE	1	10,474	0	0
INTELLIGENT SYSTEMS CORP	COM	45816D100	179	4,366	SH	SOLE	1	4,366	0	0
INTER PARFUMS INC	COM	458334109	839	11,828	SH	SOLE	1	11,828	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	10,688	146,330	SH	SOLE	1	146,330	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	349	15,111	SH	SOLE	1	15,111	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	23,492	210,348	SH	SOLE	1	210,348	0	0
INTERDIGITAL INC	COM	45867G101	5,487	86,475	SH	SOLE	1	86,475	0	0
INTERFACE INC	COM	458665304	485	38,863	SH	SOLE	1	38,863	0	0
INTERNATIONAL	COM	459044103	6,099	131,389	SH	SOLE	1	131,389	0	0

BANCSHARES CRP										
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	930	57,942	SH	SOLE	1	57,942	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	250	16,675	SH	SOLE	1	16,675	0	0
INTERNATIONAL PAPER CO	COM	460146103	9,303	172,050	SH	SOLE	1	172,050	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	271	13,996	SH	SOLE	1	13,996	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	5,989	205,090	SH	SOLE	1	205,090	0	0
INTERSECT ENT INC	COM	46071F103	396	18,956	SH	SOLE	1	18,956	0	0
INTEVAC INC	COM	461148108	98	13,700	SH	SOLE	1	13,700	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	210,110	1,576,693	SH	SOLE	1	1,576,693	0	0
INTL FLAVORS & FRAGRANCES	COM	459506101	12,332	88,330	SH	SOLE	1	88,330	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	1,312	38,670	SH	SOLE	1	38,670	0	0
INTREPID POTASH INC	COM	46121Y201	183	5,609	SH	SOLE	1	5,609	0	0
INTRICON CORP	COM	46121H109	126	4,932	SH	SOLE	1	4,932	0	0
INTUIT INC	COM	461202103	46,199	120,606	SH	SOLE	1	120,606	0	0
INTUITIVE SURGICAL INC	COM	46120E602	31,821	43,063	SH	SOLE	1	43,063	0	0
INVACARE CORP	COM	461203101	181	22,546	SH	SOLE	1	22,546	0	0
INVESCO LTD	COM	G491BT108	3,330	132,042	SH	SOLE	1	132,042	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B100	620	154,697	SH	SOLE	1	154,697	0	0
INVESCO SENIOR LOAN	ETF	46138G508	143,845	6,500	SH	SOLE		6,500	0	0
INVESTAR HOLDING CORP	COM	46134L105	118	5,760	SH	SOLE	1	5,760	0	0
INVESTORS BANCORP INC	COM	46146L101	2,250	153,149	SH	SOLE	1	153,149	0	0
INVESTORS TITLE CO	COM	461804106	125	756	SH	SOLE	1	756	0	0
INVITAE CORP	COM	46185L103	2,856	74,733	SH	SOLE	1	74,733	0	0
INVITATION HOMES INC	COM	46187W107	337	10,548	SH	SOLE	1	10,548	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	100	2,235	SH	SOLE	1	2,235	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	98	3,090	SH	SOLE	1	3,090	0	0
IPG PHOTONICS CORP	COM	44980X109	2,368	11,227	SH	SOLE	1	11,227	0	0
IQIYI INC ADR	ADR	46267X108	61	3,642	SH	SOLE	1	3,642	0	0
IQVIA HOLDINGS INC	COM	46266C105	13,551	70,164	SH	SOLE	1	70,164	0	0
IRADIMED CORP	COM	46266A109	88	3,431	SH	SOLE	1	3,431	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	2,338	16,840	SH	SOLE	1	16,840	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	11,647	282,345	SH	SOLE	1	282,345	0	0
IROBOT CORP	COM	462726100	2,251	18,424	SH	SOLE	1	18,424	0	0
IRON MOUNTAIN INC	COM	46284V101	4,732	127,869	SH	SOLE	1	127,869	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	1,375	122,973	SH	SOLE	1	122,973	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	8,823	102,300	SH	SOLE	1	102,300	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	196	1,400	SH	SOLE	1	1,400	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	1,923	14,200	SH	SOLE	1	14,200	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	9,768	75,200	SH	SOLE	1	75,200	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,496	22,100	SH	SOLE	1	22,100	0	0
ISHARES CORE S&P	CORE S&P	464287804	2,389	22,011	SH	SOLE	1	22,011	0	0

SMALL CAP ETF	SCP ETF										
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	16,490	126,800	SH	SOLE	1	126,800	0	0	
ISHARES MSCI CHINA A ETF	A	46434V514	4,396	106,856	SH	SOLE	1	106,856	0	0	
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	87,820	1,157,500	SH	SOLE	1	1,157,500	0	0	
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	3,482	65,277	SH	SOLE	1	65,277	0	0	
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	4,706	21,300	SH	SOLE	1	21,300	0	0	
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	1,966	19,268	SH	SOLE	1	19,268	0	0	
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	2,578	23,590	SH	SOLE	1	23,590	0	0	
ISHARES S&P 500 GROWTH ETF	ETF	464287309	5,665	87,000	SH	SOLE	1	87,000	0	0	
ISHARES S&P 500 VALUE ETF	S&P 500 VAL ETF	464287408	12,774	90,440	SH	SOLE	1	90,440	0	0	
ISHARES:1-5 IG CORP BD	ETF	464288646	1,334,192	24,400	SH	SOLE		24,400	0	0	
ISHARES:IBOXX \$HY CORP	ETF	464288513	21,795	250	SH	SOLE		250	0	0	
ISHARES:JPM EM LC BD	ETF	464286517	42,580	1,000	SH	SOLE		1,000	0	0	
ISHARES:MSCI SPAIN	ETF	464286764	27,390	1,000	SH	SOLE		1,000	0	0	
ISHARES:MSCI UK	ETF	46435G334	93,930	3,000	SH	SOLE		3,000	0	0	
ISHARES:PREF AND INC SEC	ETF	464288687	38,400	1,000	SH	SOLE		1,000	0	0	
ISHARES:TIPS BD ETF	ETF	464287176	125,500	1,000	SH	SOLE		1,000	0	0	
ISTAR INC	COM	45031U101	853	47,978	SH	SOLE	1	47,978	0	0	
ITEOS THERAPEUTICS INC	COM	46565G104	393	11,502	SH	SOLE	1	11,502	0	0	
ITERIS INC	COM	46564T107	149	24,081	SH	SOLE	1	24,081	0	0	
ITRON INC	COM	465741106	2,600	29,326	SH	SOLE	1	29,326	0	0	
ITT INC	COM	45073V108	14,251	156,758	SH	SOLE	1	156,758	0	0	
IVERIC BIO INC	COM	46583P102	289	46,821	SH	SOLE	1	46,821	0	0	
J & J SNACK FOODS CORP	COM	466032109	1,566	9,973	SH	SOLE	1	9,973	0	0	
J2 GLOBAL INC	COM	48123V102	12,192	101,718	SH	SOLE	1	101,718	0	0	
JABIL INC	COM	466313103	12,824	245,853	SH	SOLE	1	245,853	0	0	
JACK HENRY & ASSOCIATES INC	COM	426281101	3,705	24,422	SH	SOLE	1	24,422	0	0	
JACK IN THE BOX INC	COM	466367109	5,980	54,476	SH	SOLE	1	54,476	0	0	
JACOBS ENGINEERING GROUP INC	COM	469814107	5,283	40,868	SH	SOLE	1	40,868	0	0	
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	911	19,968	SH	SOLE	1	19,968	0	0	
JAMF HOLDING CORP	COM	47074L105	25	711	SH	SOLE	1	711	0	0	
JANUS HENDERSON GROUP PLC	COM	G4474Y214	9,568	307,174	SH	SOLE	1	307,174	0	0	
JAZZ PHARMACEUTICALS PLC	COM	G50871105	16,775	102,059	SH	SOLE	1	102,059	0	0	
JBG SMITH PROPERTIES	COM	46590V100	6,373	200,468	SH	SOLE	1	200,468	0	0	
JD.COM INC ADR	ADR	47215P106	5,414	64,196	SH	SOLE	1	64,196	0	0	
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	11,052	367,191	SH	SOLE	1	367,191	0	0	
JELD WEN HOLDING INC	COM	47580P103	1,096	39,581	SH	SOLE	1	39,581	0	0	
JETBLUE AIRWAYS CORP	COM	477143101	11,649	572,698	SH	SOLE	1	572,698	0	0	
JFROG LTD	ORD SHS	M6191J100	12	278	SH	SOLE	1	278	0	0	
JM SMUCKER CO/THE	COM	832696405	166,286	1,314,199	SH	SOLE	1	1,314,199	0	0	
JOHN B. SANFILIPPO & SON INC	COM	800422107	524	5,799	SH	SOLE	1	5,799	0	0	



JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2,786	20,891	SH	SOLE	1	20,891	0	0
JOHNSON & JOHNSON	COM	478160104	146,284	890,075	SH	SOLE	1	890,075	0	0
JOHNSON CONTROLS INTERNATIONAL	COM	G51502105	13,235	221,808	SH	SOLE	1	221,808	0	0
JOHNSON OUTDOORS INC A	COM	479167108	434	3,043	SH	SOLE	1	3,043	0	0
JOINT CORP/THE	COM	47973J102	374	7,733	SH	SOLE	1	7,733	0	0
JONES LANG LASALLE INC	COM	48020Q107	16,584	92,630	SH	SOLE	1	92,630	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	103	10,057	SH	SOLE	1	10,057	0	0
JOYY INC	ADS RESTG COM A	46591M109	70	750	SH	SOLE	1	750	0	0
JPMORGAN CHASE & CO	COM	46625H100	360,904	2,370,784	SH	SOLE	1	2,370,784	0	0
JUNIPER NETWORKS INC	COM	48203R104	4,206	166,037	SH	SOLE	1	166,037	0	0
KADANT INC	COM	48282T104	1,233	6,662	SH	SOLE	1	6,662	0	0
KADMON HOLDINGS INC	COM	48283N106	391	100,545	SH	SOLE	1	100,545	0	0
KAISER ALUMINUM CORP	COM	483007704	1,158	10,476	SH	SOLE	1	10,476	0	0
KALA PHARMACEUTICALS INC	COM	483119103	155	23,069	SH	SOLE	1	23,069	0	0
KALEIDO BIOSCIENCES INC	COM	483347100	64	7,961	SH	SOLE	1	7,961	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	285	11,105	SH	SOLE	1	11,105	0	0
KAMAN CORP	COM	483548103	943	18,394	SH	SOLE	1	18,394	0	0
KANSAS CITY SOUTHERN	COM	485170302	7,506	28,442	SH	SOLE	1	28,442	0	0
KAR AUCTION SERVICES INC	COM	48238T109	4,632	308,789	SH	SOLE	1	308,789	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	1,107	9,208	SH	SOLE	1	9,208	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	435	41,315	SH	SOLE	1	41,315	0	0
KB HOME	COM	48666K109	9,869	212,110	SH	SOLE	1	212,110	0	0
KBR INC	COM	48242W106	12,921	336,578	SH	SOLE	1	336,578	0	0
KE HOLDINGS INC	SPON ADS	482497104	74	1,300	SH	SOLE	1	1,300	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	529	43,803	SH	SOLE	1	43,803	0	0
KELLOGG CO	COM	487836108	7,705	121,721	SH	SOLE	1	121,721	0	0
KELLY SERVICES INC A	COM	488152208	498	22,382	SH	SOLE	1	22,382	0	0
KEMPER CORP	COM	488401100	8,889	111,506	SH	SOLE	1	111,506	0	0
KENNAMETAL INC	COM	489170100	7,946	198,794	SH	SOLE	1	198,794	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,423	70,392	SH	SOLE	1	70,392	0	0
KEROS THERAPEUTICS INC	COM	492327101	476	7,731	SH	SOLE	1	7,731	0	0
KEURIG DR PEPPER INC	COM	49271V100	4,724	137,444	SH	SOLE	1	137,444	0	0
KEYCORP	COM	493267108	5,959	298,264	SH	SOLE	1	298,264	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	9,101	63,466	SH	SOLE	1	63,466	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	109	18,244	SH	SOLE	1	18,244	0	0
KFORCE INC	COM	493732101	617	11,504	SH	SOLE	1	11,504	0	0
KILROY REALTY CORP	COM	49427F108	12,724	193,871	SH	SOLE	1	193,871	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	362	14,020	SH	SOLE	1	14,020	0	0
KIMBALL INTERNATIONAL B	COM	494274103	294	21,009	SH	SOLE	1	21,009	0	0
KIMBERLY CLARK CORP	COM	494368103	153,544	1,104,234	SH	SOLE	1	1,104,234	0	0

KIMCO REALTY CORP	COM	49446R109	4,537	241,955	SH	SOLE	1	241,955	0	0
KINDER MORGAN INC	COM	49456B101	14,571	875,131	SH	SOLE	1	875,131	0	0
KINDRED BIOSCIENCES INC	COM	494577109	108	21,713	SH	SOLE	1	21,713	0	0
KINGSOFT CLOUD HOLDINGS ADR	ADS	49639K101	28	700	SH	SOLE	1	700	0	0
KINIKA PHARMACEUTICALS A	COM	G5269C101	288	15,580	SH	SOLE	1	15,580	0	0
KINNATE BIOPHARMA INC	COM	49705R105	245	7,877	SH	SOLE	1	7,877	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	8,721	52,918	SH	SOLE	1	52,918	0	0
KIRBY CORP	COM	497266106	6,564	108,884	SH	SOLE	1	108,884	0	0
KITE REALTY GROUP TRUST	COM	49803T300	1,069	55,415	SH	SOLE	1	55,415	0	0
KKR & CO INC	COM	48251W104	318	6,505	SH	SOLE	1	6,505	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	348	18,916	SH	SOLE	1	18,916	0	0
KLA CORP	COM	482480100	20,928	63,341	SH	SOLE	1	63,341	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	10,684	222,174	SH	SOLE	1	222,174	0	0
KNOLL INC	COM	498904200	482	29,196	SH	SOLE	1	29,196	0	0
KNOWLES CORP	COM	49926D109	1,239	59,244	SH	SOLE	1	59,244	0	0
KODIAK SCIENCES INC	COM	50015M109	2,176	19,191	SH	SOLE	1	19,191	0	0
KOHL'S CORP	COM	500255104	17,031	285,699	SH	SOLE	1	285,699	0	0
KONTOOR BRANDS INC	COM	50050N103	1,647	33,941	SH	SOLE	1	33,941	0	0
KOPPERS HOLDINGS INC	COM	50060P106	478	13,750	SH	SOLE	1	13,750	0	0
KORN FERRY	COM	500643200	2,234	35,817	SH	SOLE	1	35,817	0	0
KOSMOS ENERGY LTD	COM	500688106	721	234,977	SH	SOLE	1	234,977	0	0
KRAFT HEINZ CO/THE	COM	500754106	16,597	414,919	SH	SOLE	1	414,919	0	0
KRATON CORP	COM	50077C106	762	20,835	SH	SOLE	1	20,835	0	0
KRATOS DEFENSE & SECURITY	COM	50077B207	1,930	70,759	SH	SOLE	1	70,759	0	0
KROGER CO	COM	501044101	10,363	287,932	SH	SOLE	1	287,932	0	0
KRONOS BIO INC	COM	50107A104	254	8,674	SH	SOLE	1	8,674	0	0
KRONOS WORLDWIDE INC	COM	50105F105	200	13,040	SH	SOLE	1	13,040	0	0
KRYSTAL BIOTECH INC	COM	501147102	677	8,784	SH	SOLE	1	8,784	0	0
KULICKE & SOFFA INDUSTRIES	COM	501242101	253	5,158	SH	SOLE	1	5,158	0	0
KURA ONCOLOGY INC	COM	50127T109	1,031	36,482	SH	SOLE	1	36,482	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	62	1,963	SH	SOLE	1	1,963	0	0
KVH INDUSTRIES INC	COM	482738101	122	9,622	SH	SOLE	1	9,622	0	0
KYMERA THERAPEUTICS INC	COM	501575104	228	5,877	SH	SOLE	1	5,877	0	0
L BRANDS INC	COM	501797104	4,529	73,211	SH	SOLE	1	73,211	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	12,571	62,026	SH	SOLE	1	62,026	0	0
LA JOLLA PHARMACEUTICAL CO	COM	503459604	45	10,504	SH	SOLE	1	10,504	0	0
LA Z BOY INC	COM	505336107	1,267	29,819	SH	SOLE	1	29,819	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	10,397	40,767	SH	SOLE	1	40,767	0	0
LADDER CAPITAL CORP REIT	COM	505743104	727	61,616	SH	SOLE	1	61,616	0	0
LAIRD SUPERFOOD INC	COM	50736T102	68	1,814	SH	SOLE	1	1,814	0	0
LAKELAND BANCORP INC	COM	511637100	495	28,410	SH	SOLE	1	28,410	0	0
LAKELAND FINANCIAL CORP	COM	511656100	979	14,146	SH	SOLE	1	14,146	0	0
LAKELAND INDUSTRIES INC	COM	511795106	124	4,461	SH	SOLE	1	4,461	0	0

LAM RESEARCH CORP	COM	512807108	34,073	57,242	SH	SOLE	1	57,242	0	0
LAMAR ADVERTISING CO A	COM	512816109	14,721	156,738	SH	SOLE	1	156,738	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	3,582	46,229	SH	SOLE	1	46,229	0	0
LANCASTER COLONY CORP	COM	513847103	8,112	46,260	SH	SOLE	1	46,260	0	0
LANDEC CORP	COM	514766104	160	15,105	SH	SOLE	1	15,105	0	0
LANDMARK BANCORP INC	COM	51504L107	61	2,307	SH	SOLE	1	2,307	0	0
LANDOS BIOPHARMA INC	COM	515069102	35	3,677	SH	SOLE	1	3,677	0	0
LANDS END INC	COM	51509F105	168	6,777	SH	SOLE	1	6,777	0	0
LANDSTAR SYSTEM INC	COM	515098101	11,536	69,888	SH	SOLE	1	69,888	0	0
LANNETT CO INC	COM	516012101	116	21,965	SH	SOLE	1	21,965	0	0
LANTHEUS HOLDINGS INC	COM	516544103	946	44,250	SH	SOLE	1	44,250	0	0
LAREDO PETROLEUM INC	COM	516806205	23	749	SH	SOLE	1	749	0	0
LAS VEGAS SANDS CORP	COM	517834107	5,904	97,177	SH	SOLE	1	97,177	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	3,568	79,260	SH	SOLE	1	79,260	0	0
LAUREATE EDUCATION INC A	COM	518613203	852	62,689	SH	SOLE	1	62,689	0	0
LAWSON PRODUCTS INC	COM	520776105	134	2,577	SH	SOLE	1	2,577	0	0
LAZARD LTD CL A	CL A	G54050102	53	1,207	SH	SOLE	1	1,207	0	0
LCI INDUSTRIES	COM	50189K103	2,177	16,455	SH	SOLE	1	16,455	0	0
LCNB CORPORATION	COM	50181P100	124	7,090	SH	SOLE	1	7,090	0	0
LEAR CORP	COM	521865204	17,980	99,200	SH	SOLE	1	99,200	0	0
LEGACY HOUSING CORP	COM	52472M101	84	4,721	SH	SOLE	1	4,721	0	0
LEGGETT & PLATT INC	COM	524660107	1,868	40,927	SH	SOLE	1	40,927	0	0
LEIDOS HOLDINGS INC	COM	525327102	3,968	41,209	SH	SOLE	1	41,209	0	0
LEMAITRE VASCULAR INC	COM	525558201	541	11,085	SH	SOLE	1	11,085	0	0
LEMONADE INC	COM	52567D107	37	398	SH	SOLE	1	398	0	0
LENDINGCLUB CORP	COM	52603A208	679	41,128	SH	SOLE	1	41,128	0	0
LENDINGTREE INC	COM	52603B107	4,229	19,855	SH	SOLE	1	19,855	0	0
LENNAR CORP B SHS	COM	526057302	15	188	SH	SOLE	1	188	0	0
LENNAR CORP A	COM	526057104	8,549	84,452	SH	SOLE	1	84,452	0	0
LENNOX INTERNATIONAL INC	COM	526107107	19,391	62,232	SH	SOLE	1	62,232	0	0
LENSAR INC	COM	52634L108	31	4,326	SH	SOLE	1	4,326	0	0
LESLIE S INC	COM	527064109	29	1,194	SH	SOLE	1	1,194	0	0
LEVEL ONE BANCORP INC	COM	52730D208	76	2,947	SH	SOLE	1	2,947	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	170	28,984	SH	SOLE	1	28,984	0	0
LEXINGTON REALTY TRUST	COM	529043101	2,028	182,500	SH	SOLE	1	182,500	0	0
LGI HOMES INC	COM	50187T106	2,212	14,816	SH	SOLE	1	14,816	0	0
LHC GROUP INC	COM	50187A107	14,770	77,247	SH	SOLE	1	77,247	0	0
LIBERTY BROADBAND A	COM	530307107	43	296	SH	SOLE	1	296	0	0
LIBERTY BROADBAND C	COM	530307305	287	1,913	SH	SOLE	1	1,913	0	0
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	345	26,906	SH	SOLE	1	26,906	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	1,174	90,428	SH	SOLE	1	90,428	0	0
LIBERTY MEDIA COR	COM	531229409	48	1,094	SH	SOLE	1	1,094	0	0

SIRIUSXM A										
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	101	2,286	SH	SOLE	1	2,286	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	166	5,840	SH	SOLE	1	5,840	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	589	21,166	SH	SOLE	1	21,166	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	11	299	SH	SOLE	1	299	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	103	2,372	SH	SOLE	1	2,372	0	0
LIBERTY OILFIELD SERVICES A	COM	53115L104	545	48,285	SH	SOLE	1	48,285	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	270	42,366	SH	SOLE	1	42,366	0	0
LIFE STORAGE INC	COM	53223X107	11,752	136,736	SH	SOLE	1	136,736	0	0
LIFETIME BRANDS INC	COM	53222Q103	104	7,048	SH	SOLE	1	7,048	0	0
LIFEVANTAGE CORP	COM	53222K205	74	7,906	SH	SOLE	1	7,906	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	5,841	38,315	SH	SOLE	1	38,315	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	251	70,178	SH	SOLE	1	70,178	0	0
LIMESTONE BANCORP INC	COM	53262L105	48	3,050	SH	SOLE	1	3,050	0	0
LIMONEIRA CO	COM	532746104	155	8,847	SH	SOLE	1	8,847	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	13,320	108,345	SH	SOLE	1	108,345	0	0
LINCOLN NATIONAL CORP	COM	534187109	3,483	55,940	SH	SOLE	1	55,940	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	284	15,015	SH	SOLE	1	15,015	0	0
LINDE PLC	COM	G5494J103	50,971	181,949	SH	SOLE	1	181,949	0	0
LINDSAY CORP	COM	535555106	1,203	7,222	SH	SOLE	1	7,222	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	11	710	SH	SOLE	1	710	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	18	1,383	SH	SOLE	1	1,383	0	0
LIQUIDIA CORP	COM	53635D202	42	15,789	SH	SOLE	1	15,789	0	0
LIQUIDITY SERVICES INC	COM	53635B107	327	17,604	SH	SOLE	1	17,604	0	0
LITHIA MOTORS INC CL A	CL A	536797103	25,184	64,559	SH	SOLE	1	64,559	0	0
LITTELFUSE INC	COM	537008104	11,756	44,455	SH	SOLE	1	44,455	0	0
LIVANOVA PLC	COM	G5509L101	8,559	116,082	SH	SOLE	1	116,082	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	4,019	47,473	SH	SOLE	1	47,473	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	1,131	16,516	SH	SOLE	1	16,516	0	0
LIVENT CORP	COM	53814L108	1,692	97,690	SH	SOLE	1	97,690	0	0
LIVEPERSON INC	COM	538146101	2,193	41,575	SH	SOLE	1	41,575	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	8,220	158,441	SH	SOLE	1	158,441	0	0
LIVEXLIVE MEDIA INC	COM	53839L208	126	29,040	SH	SOLE	1	29,040	0	0
LKQ CORP	COM	501889208	4,844	114,432	SH	SOLE	1	114,432	0	0
LOCKHEED MARTIN CORP	COM	539830109	43,162	116,813	SH	SOLE	1	116,813	0	0
LOEWS CORP	COM	540424108	4,212	82,129	SH	SOLE	1	82,129	0	0
LOGICBIO THERAPEUTICS INC	COM	54142F102	70	9,559	SH	SOLE	1	9,559	0	0
LORAL SPACE & COMMUNICATIONS	COM	543881106	282	7,487	SH	SOLE	1	7,487	0	0
LOUISIANA PACIFIC CORP	COM	546347105	15,066	271,660	SH	SOLE	1	271,660	0	0
LOVESAC CO/THE	COM	54738L109	328	5,798	SH	SOLE	1	5,798	0	0
LOWE S COS INC	COM	548661107	47,620	250,396	SH	SOLE	1	250,396	0	0

LPL FINANCIAL HOLDINGS INC	COM	50212V100	143	1,004	SH	SOLE	1	1,004	0	0
LSI INDUSTRIES INC	COM	50216C108	127	14,938	SH	SOLE	1	14,938	0	0
LTC PROPERTIES INC	COM	502175102	2,165	51,904	SH	SOLE	1	51,904	0	0
LUCIRA HEALTH INC	COM	54948U105	74	6,089	SH	SOLE	1	6,089	0	0
LUFAX HOLDING LTD	CL A	54975P102	32	2,200	SH	SOLE	1	2,200	0	0
LULULEMON ATHLETICA INC	COM	550021109	3,190	10,400	SH	SOLE	1	10,400	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	479	19,049	SH	SOLE	1	19,049	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	4,074	305,160	SH	SOLE	1	305,160	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	12,540	137,269	SH	SOLE	1	137,269	0	0
LUMINEX CORP	COM	55027E102	915	28,670	SH	SOLE	1	28,670	0	0
LUNA INNOVATIONS INC	COM	550351100	180	17,050	SH	SOLE	1	17,050	0	0
LUTHER BURBANK CORP	COM	550550107	126	10,687	SH	SOLE	1	10,687	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	341	16,032	SH	SOLE	1	16,032	0	0
LYDALL INC	COM	550819106	384	11,379	SH	SOLE	1	11,379	0	0
LYFT INC A	COM	55087P104	190	3,015	SH	SOLE	1	3,015	0	0
LYONDELLBASELL INDU CL A	CL A	N53745100	8,491	81,601	SH	SOLE	1	81,601	0	0
LYRA THERAPEUTICS INC	COM	55234L105	46	3,965	SH	SOLE	1	3,965	0	0
M & T BANK CORP	COM	55261F104	6,048	39,893	SH	SOLE	1	39,893	0	0
M/I HOMES INC	COM	55305B101	1,103	18,670	SH	SOLE	1	18,670	0	0
MACATAWA BANK CORP	COM	554225102	152	15,284	SH	SOLE	1	15,284	0	0
MACERICH CO/THE	COM	554382101	3,467	296,324	SH	SOLE	1	296,324	0	0
MACK CALI REALTY CORP	COM	554489104	894	57,768	SH	SOLE	1	57,768	0	0
MACKINAC FINANCIAL CORP	COM	554571109	73	5,210	SH	SOLE	1	5,210	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	1,629	28,074	SH	SOLE	1	28,074	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	28	879	SH	SOLE	1	879	0	0
MACROGENICS INC	COM	556099109	1,018	31,957	SH	SOLE	1	31,957	0	0
MACY S INC	COM	55616P104	3,866	238,763	SH	SOLE	1	238,763	0	0
MADISON SQUARE GARDEN ENTERT	CL A	55826T102	18	223	SH	SOLE	1	223	0	0
MADISON SQUARE GARDEN SPORTS	CL A	55825T103	40	224	SH	SOLE	1	224	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	596	5,099	SH	SOLE	1	5,099	0	0
MAGELLAN HEALTH INC	COM	559079207	1,497	16,056	SH	SOLE	1	16,056	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	143	12,065	SH	SOLE	1	12,065	0	0
MAGNITE INC	COM	55955D100	2,681	64,423	SH	SOLE	1	64,423	0	0
MAGNOLIA OIL & GAS CORP A	COM	559663109	830	72,257	SH	SOLE	1	72,257	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	76	3,637	SH	SOLE	1	3,637	0	0
MALIBU BOATS INC A	COM	56117J100	964	12,099	SH	SOLE	1	12,099	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	13,640	116,208	SH	SOLE	1	116,208	0	0
MANITOWOC COMPANY INC	COM	563571405	407	19,760	SH	SOLE	1	19,760	0	0
MANNKIND CORP	COM	56400P706	518	132,031	SH	SOLE	1	132,031	0	0
MANPOWERGROUP INC	COM	56418H100	9,860	99,699	SH	SOLE	1	99,699	0	0
MANTECH INTERNATIONAL CORP	COM	564563104	1,574	18,098	SH	SOLE	1	18,098	0	0

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MARATHON OIL CORP	COM	565849106	2,595	242,980	SH	SOLE	1	242,980	0	0
MARATHON PETROLEUM CORP	COM	56585A102	12,559	234,788	SH	SOLE	1	234,788	0	0
MARAVAI LIFESCIENCES HLDGS A	CL A	56600D107	47	1,310	SH	SOLE	1	1,310	0	0
MARCUS & MILLICHAP INC	COM	566324109	525	15,572	SH	SOLE	1	15,572	0	0
MARCUS CORPORATION	COM	566330106	300	15,028	SH	SOLE	1	15,028	0	0
MARINE PRODUCTS CORP	COM	568427108	68	4,181	SH	SOLE	1	4,181	0	0
MARINEMAX INC	COM	567908108	703	14,233	SH	SOLE	1	14,233	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q200	263	16,978	SH	SOLE	1	16,978	0	0
MARKEL CORP	COM	570535104	185	162	SH	SOLE	1	162	0	0
MARKER THERAPEUTICS INC	COM	57055L107	40	17,751	SH	SOLE	1	17,751	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	6,962	13,982	SH	SOLE	1	13,982	0	0
MARLIN BUSINESS SERVICES INC	COM	571157106	67	4,876	SH	SOLE	1	4,876	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	16,632	112,293	SH	SOLE	1	112,293	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	17,029	97,769	SH	SOLE	1	97,769	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	84	40,421	SH	SOLE	1	40,421	0	0
MARSH & MCLENNAN COS	COM	571748102	21,715	178,285	SH	SOLE	1	178,285	0	0
MARTEN TRANSPORT LTD	COM	573075108	668	39,378	SH	SOLE	1	39,378	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	6,438	19,172	SH	SOLE	1	19,172	0	0
MARVELL TECHNOLOGY GROUP LTD	COM	G5876H105	2,455	50,127	SH	SOLE	1	50,127	0	0
MASCO CORP	COM	574599106	4,811	80,311	SH	SOLE	1	80,311	0	0
MASIMO CORP	COM	574795100	21,274	92,632	SH	SOLE	1	92,632	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	1,637	14,203	SH	SOLE	1	14,203	0	0
MASTEC INC	COM	576323109	12,610	134,579	SH	SOLE	1	134,579	0	0
MASTECH DIGITAL INC	COM	57633B100	41	2,311	SH	SOLE	1	2,311	0	0
MASTERCARD INC A	COM	57636Q104	109,028	306,215	SH	SOLE	1	306,215	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	287	10,800	SH	SOLE	1	10,800	0	0
MATADOR RESOURCES CO	COM	576485205	1,722	73,432	SH	SOLE	1	73,432	0	0
MATCH GROUP INC	COM	57667L107	3,009	21,900	SH	SOLE	1	21,900	0	0
MATERION CORP	COM	576690101	896	13,521	SH	SOLE	1	13,521	0	0
MATRIX SERVICE CO	COM	576853105	229	17,497	SH	SOLE	1	17,497	0	0
MATSON INC	COM	57686G105	1,904	28,546	SH	SOLE	1	28,546	0	0
MATTEL INC	COM	577081102	12,610	633,050	SH	SOLE	1	633,050	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	816	20,636	SH	SOLE	1	20,636	0	0
MAUI LAND & PINEAPPLE CO	COM	577345101	45	3,927	SH	SOLE	1	3,927	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	1,569	41,476	SH	SOLE	1	41,476	0	0
MAXEON SOLAR TECHNOLOGIE	LT SHS	Y58473102	195	6,187	SH	SOLE	1	6,187	0	0
MAXIM INTEGRATED PRODUCTS	COM	57772K101	9,309	101,880	SH	SOLE	1	101,880	0	0
MAXIMUS INC	COM	577933104	13,024	146,274	SH	SOLE	1	146,274	0	0
MAXLINEAR INC	COM	57776J100	1,554	45,593	SH	SOLE	1	45,593	0	0

MAYVILLE ENGINEERING CO INC	COM	578605107	62	4,288	SH	SOLE	1	4,288	0	0
MBIA INC	COM	55262C100	278	28,936	SH	SOLE	1	28,936	0	0
MCAFEE CORP CLASS A	CL A	579063108	14	612	SH	SOLE	1	612	0	0
MCCORMICK & CO NON VTG SHRS	COM	579780206	8,422	94,459	SH	SOLE	1	94,459	0	0
MCDONALD S CORP	COM	580135101	68,378	305,070	SH	SOLE	1	305,070	0	0
MCDONALD'S ORD	COM	580135101	112,070	500	SH	SOLE		500	0	0
MCGRATH RENTCORP	COM	580589109	1,134	14,061	SH	SOLE	1	14,061	0	0
MCKESSON CORP	COM	58155Q103	9,789	50,189	SH	SOLE	1	50,189	0	0
MDC HOLDINGS INC	COM	552676108	2,229	37,520	SH	SOLE	1	37,520	0	0
MDU RESOURCES GROUP INC	COM	552690109	11,486	363,380	SH	SOLE	1	363,380	0	0
MEDALLIA INC	COM	584021109	56	2,000	SH	SOLE	1	2,000	0	0
MEDIAALPHA INC CLASS A	CL A	58450V104	368	10,380	SH	SOLE	1	10,380	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	22,486	1,056,687	SH	SOLE	1	1,056,687	0	0
MEDICINOVA INC	COM	58468P206	126	25,035	SH	SOLE	1	25,035	0	0
MEDIFAST INC	COM	58470H101	1,602	7,562	SH	SOLE	1	7,562	0	0
MEDNAX INC	COM	58502B106	1,288	50,576	SH	SOLE	1	50,576	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	11,349	69,183	SH	SOLE	1	69,183	0	0
MEDTRONIC PLC	COM	G5960L103	48,734	412,549	SH	SOLE	1	412,549	0	0
MEI PHARMA INC	COM	55279B202	219	63,921	SH	SOLE	1	63,921	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	201	13,904	SH	SOLE	1	13,904	0	0
MELCO RESORTS & ENTERT ADR	ADR	585464100	580	29,129	SH	SOLE	1	29,129	0	0
MERCADOLIBRE INC	COM	58733R102	4,606	3,129	SH	SOLE	1	3,129	0	0
MERCANTILE BANK CORP	COM	587376104	299	9,211	SH	SOLE	1	9,211	0	0
MERCER INTERNATIONAL INC	COM	588056101	47	3,284	SH	SOLE	1	3,284	0	0
MERCHANTS BANCORP/IN	COM	58844R108	213	5,087	SH	SOLE	1	5,087	0	0
MERCK & CO. INC.	COM	58933Y105	219,017	2,841,059	SH	SOLE	1	2,841,059	0	0
MERCURY GENERAL CORP	COM	589400100	2,929	48,164	SH	SOLE	1	48,164	0	0
MERCURY SYSTEMS INC	COM	589378108	7,220	102,190	SH	SOLE	1	102,190	0	0
MEREDITH CORP	COM	589433101	789	26,484	SH	SOLE	1	26,484	0	0
MERIDIAN BANCORP INC	COM	58958U103	502	27,271	SH	SOLE	1	27,271	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	742	28,262	SH	SOLE	1	28,262	0	0
MERIDIAN CORP	COM	58958P104	81	3,131	SH	SOLE	1	3,131	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	2,135	35,649	SH	SOLE	1	35,649	0	0
MERITAGE HOMES CORP	COM	59001A102	2,279	24,792	SH	SOLE	1	24,792	0	0
MERITOR INC	COM	59001K100	1,367	46,460	SH	SOLE	1	46,460	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	502	31,025	SH	SOLE	1	31,025	0	0
MESA AIR GROUP INC	COM	590479135	268	19,917	SH	SOLE	1	19,917	0	0
MESA LABORATORIES INC	COM	59064R109	771	3,165	SH	SOLE	1	3,165	0	0
META FINANCIAL GROUP INC	COM	59100U108	941	20,778	SH	SOLE	1	20,778	0	0
METACRINE INC	COM	59101E103	24	3,853	SH	SOLE	1	3,853	0	0
METHODE ELECTRONICS INC	COM	591520200	1,032	24,588	SH	SOLE	1	24,588	0	0
METLIFE INC	COM	59156R108	13,520	222,411	SH	SOLE	1	222,411	0	0
METROCITY BANKSHARES INC	COM	59165J105	155	10,091	SH	SOLE	1	10,091	0	0

METROPOLITAN BANK HOLDING CO	COM	591774104	206	4,081	SH	SOLE	1	4,081	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	9,792	8,473	SH	SOLE	1	8,473	0	0
MFA FINANCIAL INC	COM	55272X102	1,077	264,539	SH	SOLE	1	264,539	0	0
MGE ENERGY INC	COM	55277P104	1,516	21,242	SH	SOLE	1	21,242	0	0
MGIC INVESTMENT CORP	COM	552848103	9,620	694,586	SH	SOLE	1	694,586	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	4,831	127,152	SH	SOLE	1	127,152	0	0
MGP INGREDIENTS INC	COM	55303J106	510	8,615	SH	SOLE	1	8,615	0	0
MICHAELS COS INC/THE	COM	59408Q106	1,082	49,312	SH	SOLE	1	49,312	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	16,504	106,328	SH	SOLE	1	106,328	0	0
MICRON TECHNOLOGY INC	COM	595112103	39,455	447,290	SH	SOLE	1	447,290	0	0
MICROSOFT CORP	COM	594918104	617,757	2,620,169	SH	SOLE	1	2,620,169	0	0
MICROSTRATEGY INC CL A	CL A	594972408	3,324	4,897	SH	SOLE	1	4,897	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	5,204	36,052	SH	SOLE	1	36,052	0	0
MID PENN BANCORP INC	COM	59540G107	108	4,046	SH	SOLE	1	4,046	0	0
MIDDLEBY CORP	COM	596278101	16,711	100,822	SH	SOLE	1	100,822	0	0
MIDDLEFIELD BANC CORP	COM	596304204	73	3,485	SH	SOLE	1	3,485	0	0
MIDDLESEX WATER CO	COM	596680108	786	9,941	SH	SOLE	1	9,941	0	0
MIDLAND STATES BANCORP INC	COM	597742105	341	12,307	SH	SOLE	1	12,307	0	0
MIDWEST HOLDING INC	COM	59833J206	28	559	SH	SOLE	1	559	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	265	8,557	SH	SOLE	1	8,557	0	0
MILESTONE SCIENTIFIC INC	COM	59935P209	96	26,821	SH	SOLE	1	26,821	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	299	6,468	SH	SOLE	1	6,468	0	0
MIMECAST LTD	COM	G14838109	1,362	33,876	SH	SOLE	1	33,876	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	7,051	93,610	SH	SOLE	1	93,610	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	60	20,652	SH	SOLE	1	20,652	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	4,495	26,241	SH	SOLE	1	26,241	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	69	3,490	SH	SOLE	1	3,490	0	0
MISONIX INC	COM	604871103	137	7,004	SH	SOLE	1	7,004	0	0
MISSION PRODUCE INC	COM	60510V108	82	4,310	SH	SOLE	1	4,310	0	0
MISTRAS GROUP INC	COM	60649T107	121	10,565	SH	SOLE	1	10,565	0	0
MITEK SYSTEMS INC	COM	606710200	353	24,200	SH	SOLE	1	24,200	0	0
MKS INSTRUMENTS INC	COM	55306N104	18,634	100,498	SH	SOLE	1	100,498	0	0
MMA CAPITAL HOLDINGS INC	COM	55315D105	63	2,766	SH	SOLE	1	2,766	0	0
MOBILE TELESYSTEMS SP ADR	ADR	607409109	45	5,342	SH	SOLE	1	5,342	0	0
MODEL N INC	COM	607525102	716	20,317	SH	SOLE	1	20,317	0	0
MODERNA INC	COM	60770K107	4,123	31,488	SH	SOLE	1	31,488	0	0
MODINE MANUFACTURING CO	COM	607828100	432	29,219	SH	SOLE	1	29,219	0	0
MODIVCARE INC	COM	60783X104	1,196	8,073	SH	SOLE	1	8,073	0	0
MOELIS & CO CLASS A	COM	60786M105	1,690	30,797	SH	SOLE	1	30,797	0	0
MOHAWK INDUSTRIES INC	COM	608190104	3,490	18,148	SH	SOLE	1	18,148	0	0
MOLECULAR TEMPLATES INC	COM	608550109	195	15,432	SH	SOLE	1	15,432	0	0



MOLINA HEALTHCARE INC	COM	60855R100	24,669	105,533	SH	SOLE	1	105,533	0	0
MOLSON COORS BEVERAGE CO B	CL B	60871R209	4,486	87,695	SH	SOLE	1	87,695	0	0
MOMO INC SPON ADR	ADR	60879B107	27	1,846	SH	SOLE	1	1,846	0	0
MONARCH CASINO & RESORT INC	COM	609027107	511	8,424	SH	SOLE	1	8,424	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	31,089	531,172	SH	SOLE	1	531,172	0	0
MONEYGRAM INTERNATIONAL INC	COM	60935Y208	237	36,144	SH	SOLE	1	36,144	0	0
MONGODB INC	COM	60937P106	313	1,170	SH	SOLE	1	1,170	0	0
MONMOUTH REAL ESTATE INV COR	COM	609720107	979	55,341	SH	SOLE	1	55,341	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	4,987	14,118	SH	SOLE	1	14,118	0	0
MONRO INC	COM	610236101	1,448	22,002	SH	SOLE	1	22,002	0	0
MONSTER BEVERAGE CORP	COM	61174X109	15,853	174,034	SH	SOLE	1	174,034	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	628	12,511	SH	SOLE	1	12,511	0	0
MOODY S CORP	COM	615369105	19,564	65,516	SH	SOLE	1	65,516	0	0
MOOG INC CLASS A	COM	615394202	1,613	19,403	SH	SOLE	1	19,403	0	0
MORGAN STANLEY	COM	617446448	40,144	516,926	SH	SOLE	1	516,926	0	0
MORNINGSTAR INC	COM	617700109	101	449	SH	SOLE	1	449	0	0
MORPHIC HOLDING INC	COM	61775R105	514	8,119	SH	SOLE	1	8,119	0	0
MOSAIC CO/THE	COM	61945C103	3,357	106,198	SH	SOLE	1	106,198	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	282	12,529	SH	SOLE	1	12,529	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	11,382	60,526	SH	SOLE	1	60,526	0	0
MOVADO GROUP INC	COM	624580106	300	10,537	SH	SOLE	1	10,537	0	0
MR COOPER GROUP INC	COM	62482R107	1,736	49,941	SH	SOLE	1	49,941	0	0
MRC GLOBAL INC	COM	55345K103	414	45,797	SH	SOLE	1	45,797	0	0
MSA SAFETY INC	COM	553498106	9,896	65,965	SH	SOLE	1	65,965	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	7,635	84,655	SH	SOLE	1	84,655	0	0
MSCI INC	COM	55354G100	14,442	34,445	SH	SOLE	1	34,445	0	0
MSG NETWORKS INC A	COM	553573106	265	17,627	SH	SOLE	1	17,627	0	0
MTS SYSTEMS CORP	COM	553777103	757	13,010	SH	SOLE	1	13,010	0	0
MUELLER INDUSTRIES INC	COM	624756102	2,798	67,667	SH	SOLE	1	67,667	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	1,269	91,368	SH	SOLE	1	91,368	0	0
MURPHY OIL CORP	COM	626717102	4,294	261,669	SH	SOLE	1	261,669	0	0
MURPHY USA INC	COM	626755102	8,766	60,636	SH	SOLE	1	60,636	0	0
MUSTANG BIO INC	COM	62818Q104	97	29,345	SH	SOLE	1	29,345	0	0
MVB FINANCIAL CORP	COM	553810102	183	5,411	SH	SOLE	1	5,411	0	0
MYERS INDUSTRIES INC	COM	628464109	472	23,867	SH	SOLE	1	23,867	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	780	10,890	SH	SOLE	1	10,890	0	0
MYRIAD GENETICS INC	COM	62855J104	1,454	47,741	SH	SOLE	1	47,741	0	0
N B T BANCORP INC	COM	628778102	1,133	28,408	SH	SOLE	1	28,408	0	0
NABORS INDUSTRIES LTD	COM	G6359F137	433	4,634	SH	SOLE	1	4,634	0	0
NACCO INDUSTRIES CL A	CL A	629579103	54	2,182	SH	SOLE	1	2,182	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	1,690	25,726	SH	SOLE	1	25,726	0	0
NANTHEALTH INC	COM	630104107	50	15,713	SH	SOLE	1	15,713	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	289	8,294	SH	SOLE	1	8,294	0	0

NASDAQ INC	COM	631103108	8,715	59,103	SH	SOLE	1	59,103	0	0
NATERA INC	COM	632307104	4,682	46,108	SH	SOLE	1	46,108	0	0
NATHAN S FAMOUS INC	COM	632347100	104	1,652	SH	SOLE	1	1,652	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	782	19,700	SH	SOLE	1	19,700	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	132	3,727	SH	SOLE	1	3,727	0	0
NATIONAL BEVERAGE CORP	COM	635017106	769	15,717	SH	SOLE	1	15,717	0	0
NATIONAL CINEMEDIA INC	COM	635309107	168	36,284	SH	SOLE	1	36,284	0	0
NATIONAL ENERGY SERVICES REU	COM	G6375R107	149	12,042	SH	SOLE	1	12,042	0	0
NATIONAL FUEL GAS CO	COM	636180101	8,256	165,158	SH	SOLE	1	165,158	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	570	7,312	SH	SOLE	1	7,312	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	10,298	238,470	SH	SOLE	1	238,470	0	0
NATIONAL PRESTO INDS INC	COM	637215104	348	3,405	SH	SOLE	1	3,405	0	0
NATIONAL RESEARCH CORP	COM	637372202	372	7,945	SH	SOLE	1	7,945	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	14,122	320,435	SH	SOLE	1	320,435	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	1,791	44,861	SH	SOLE	1	44,861	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	2,055	46,894	SH	SOLE	1	46,894	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	373	1,497	SH	SOLE	1	1,497	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,960	27,117	SH	SOLE	1	27,117	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	93	5,317	SH	SOLE	1	5,317	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	103	5,169	SH	SOLE	1	5,169	0	0
NATUS MEDICAL INC	COM	639050103	574	22,423	SH	SOLE	1	22,423	0	0
NAUTILUS INC	COM	63910B102	274	17,525	SH	SOLE	1	17,525	0	0
NAVIENT CORP	COM	63938C108	6,269	438,072	SH	SOLE	1	438,072	0	0
NAVISTAR INTERNATIONAL CORP	COM	63934E108	1,281	29,094	SH	SOLE	1	29,094	0	0
NCINO INC	COM	63947U107	63	951	SH	SOLE	1	951	0	0
NCR CORPORATION	COM	62886E108	8,947	235,753	SH	SOLE	1	235,753	0	0
NEENAH INC	COM	640079109	574	11,175	SH	SOLE	1	11,175	0	0
NEKTAR THERAPEUTICS	COM	640268108	6,601	330,051	SH	SOLE	1	330,051	0	0
NELNET INC CL A	CL A	64031N108	730	10,039	SH	SOLE	1	10,039	0	0
NEMAURA MEDICAL INC	COM	640442208	33	4,309	SH	SOLE	1	4,309	0	0
NEOGAMES SA	CL A	L6673X107	116	3,253	SH	SOLE	1	3,253	0	0
NEOGEN CORP	COM	640491106	11,804	132,794	SH	SOLE	1	132,794	0	0
NEOGENOMICS INC	COM	64049M209	3,523	73,046	SH	SOLE	1	73,046	0	0
NEOLEUKIN THERAPEUTICS INC	COM	64049K104	231	18,775	SH	SOLE	1	18,775	0	0
NEOPHOTONICS CORP	COM	64051T100	346	28,932	SH	SOLE	1	28,932	0	0
NETAPP INC	COM	64110D104	215,251	2,962,033	SH	SOLE	1	2,962,033	0	0
NETEASE INC ADR	ADR	64110W102	2,537	24,568	SH	SOLE	1	24,568	0	0
NETFLIX INC	COM	64110L106	95,363	182,807	SH	SOLE	1	182,807	0	0
NETGEAR INC	COM	64111Q104	823	20,014	SH	SOLE	1	20,014	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	5,612	199,285	SH	SOLE	1	199,285	0	0
NETSTREIT CORP	COM	64119V303	239	12,931	SH	SOLE	1	12,931	0	0
NEUBASE THERAPEUTICS INC	COM	64132K102	72	9,786	SH	SOLE	1	9,786	0	0

NEUROBO PHARMACEUTICALS INC	COM	64132R107	17	3,926	SH	SOLE	1	3,926	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	16,650	171,212	SH	SOLE	1	171,212	0	0
NEVRO CORP	COM	64157F103	2,765	19,819	SH	SOLE	1	19,819	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	9,124	228,835	SH	SOLE	1	228,835	0	0
NEW ORIENTAL EDUCATIO SP ADR	SPON ADR	647581107	299	21,360	SH	SOLE	1	21,360	0	0
NEW RELIC INC	COM	64829B100	74	1,202	SH	SOLE	1	1,202	0	0
NEW RESIDENTIAL INVESTMENT	COM	64828T201	56	4,958	SH	SOLE	1	4,958	0	0
NEW SENIOR INVESTMENT GROUP	COM	648691103	298	47,770	SH	SOLE	1	47,770	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	10,648	843,769	SH	SOLE	1	843,769	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	1,128	252,352	SH	SOLE	1	252,352	0	0
NEW YORK TIMES CO A	COM	650111107	13,312	262,972	SH	SOLE	1	262,972	0	0
NEWAGE INC	COM	650194103	158	55,192	SH	SOLE	1	55,192	0	0
NEWELL BRANDS INC	COM	651229106	4,689	175,104	SH	SOLE	1	175,104	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	845	84,460	SH	SOLE	1	84,460	0	0
NEWMARKET CORP	COM	651587107	5,061	13,314	SH	SOLE	1	13,314	0	0
NEWMONT CORP	COM	651639106	17,041	282,749	SH	SOLE	1	282,749	0	0
NEWPARK RESOURCES INC	COM	651718504	164	52,332	SH	SOLE	1	52,332	0	0
NEWS CORP CLASS A	COM	65249B109	3,061	120,352	SH	SOLE	1	120,352	0	0
NEWS CORP CLASS B	COM	65249B208	879	37,480	SH	SOLE	1	37,480	0	0
NEXIMMUNE INC	COM	65344D109	71	3,731	SH	SOLE	1	3,731	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	676	14,677	SH	SOLE	1	14,677	0	0
NEXSTAR MEDIA GROUP INC CL A	CL A	65336K103	113	807	SH	SOLE	1	807	0	0
NEXTCURE INC	COM	65343E108	96	9,604	SH	SOLE	1	9,604	0	0
NEXTDECADE CORP	COM	65342K105	33	12,249	SH	SOLE	1	12,249	0	0
NEXTERA ENERGY INC	COM	65339F101	44,499	588,539	SH	SOLE	1	588,539	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	672	37,147	SH	SOLE	1	37,147	0	0
NEXTIER OILFIELD SOLUTIONS I	COM	65290C105	351	94,315	SH	SOLE	1	94,315	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	436	14,995	SH	SOLE	1	14,995	0	0
NI HOLDINGS INC	COM	65342T106	97	5,271	SH	SOLE	1	5,271	0	0
NIC INC	COM	62914B100	1,491	43,935	SH	SOLE	1	43,935	0	0
NICOLET BANKSHARES INC	COM	65406E102	440	5,274	SH	SOLE	1	5,274	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	2,770	110,122	SH	SOLE	1	110,122	0	0
NIKE INC CL B	COM	654106103	51,105	384,569	SH	SOLE	1	384,569	0	0
NIO INC ADR	ADR	62914V106	695	17,829	SH	SOLE	1	17,829	0	0
NISOURCE INC	COM	65473P105	3,164	131,246	SH	SOLE	1	131,246	0	0
NKARTA INC	COM	65487U108	390	11,866	SH	SOLE	1	11,866	0	0
NL INDUSTRIES	COM	629156407	36	4,881	SH	SOLE	1	4,881	0	0
NLIGHT INC	COM	65487K100	666	20,567	SH	SOLE	1	20,567	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,301	55,020	SH	SOLE	1	55,020	0	0
NN INC	COM	629337106	173	24,464	SH	SOLE	1	24,464	0	0
NOAH HOLDINGS LTD SPON ADS	ADR	65487X102	18	401	SH	SOLE	1	401	0	0
NOODLES & CO	COM	65540B105	188	18,210	SH	SOLE	1	18,210	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	279	85,902	SH	SOLE	1	85,902	0	0

NORDSON CORP	COM	655663102	19,564	98,469	SH	SOLE	1	98,469	0	0
NORDSTROM INC	COM	655664100	7,473	197,324	SH	SOLE	1	197,324	0	0
NORFOLK SOUTHERN CORP	COM	655844108	23,352	86,967	SH	SOLE	1	86,967	0	0
NORTHEAST BANK	COM	66405S100	118	4,468	SH	SOLE	1	4,468	0	0
NORTHERN TRUST CORP	COM	665859104	8,257	78,555	SH	SOLE	1	78,555	0	0
NORTHFIELD BANCORP INC	COM	66611T108	497	31,224	SH	SOLE	1	31,224	0	0
NORTHRIM BANCORP INC	COM	666762109	152	3,569	SH	SOLE	1	3,569	0	0
NORTHROP GRUMMAN CORP	COM	666807102	14,846	45,873	SH	SOLE	1	45,873	0	0
NORTHWEST BANCSHARES INC	COM	667340103	1,140	78,874	SH	SOLE	1	78,874	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	1,095	20,299	SH	SOLE	1	20,299	0	0
NORTHWEST PIPE CO	COM	667746101	187	5,606	SH	SOLE	1	5,606	0	0
NORTHWESTERN CORP	COM	668074305	7,871	120,718	SH	SOLE	1	120,718	0	0
NORTONLIFELOCK INC	COM	668771108	153,448	7,217,697	SH	SOLE	1	7,217,697	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	3,085	111,801	SH	SOLE	1	111,801	0	0
NORWOOD FINANCIAL CORP	COM	669549107	90	3,390	SH	SOLE	1	3,390	0	0
NOV INC	COM	62955J103	1,640	119,500	SH	SOLE	1	119,500	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	1,214	138,528	SH	SOLE	1	138,528	0	0
NOVANTA INC	COM	67000B104	2,631	19,945	SH	SOLE	1	19,945	0	0
NOVAVAX INC	COM	670002401	6,755	37,256	SH	SOLE	1	37,256	0	0
NOVOCURE LTD	COM	G6674U108	299	2,259	SH	SOLE	1	2,259	0	0
NOW INC	COM	67011P100	736	72,982	SH	SOLE	1	72,982	0	0
NRG ENERGY INC	COM	629377508	4,219	111,829	SH	SOLE	1	111,829	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	4,873	92,137	SH	SOLE	1	92,137	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	149	3,410	SH	SOLE	1	3,410	0	0
NUCOR CORP	COM	670346105	9,581	119,356	SH	SOLE	1	119,356	0	0
NURIX THERAPEUTICS INC	COM	67080M103	434	13,953	SH	SOLE	1	13,953	0	0
NUTANIX INC A	COM	67059N108	112	4,231	SH	SOLE	1	4,231	0	0
NUVASIVE INC	COM	670704105	8,028	122,448	SH	SOLE	1	122,448	0	0
NV5 GLOBAL INC	COM	62945V109	613	6,352	SH	SOLE	1	6,352	0	0
NVE CORP	COM	629445206	195	2,779	SH	SOLE	1	2,779	0	0
NVENT ELECTRIC PLC	COM	G6700G107	8,502	304,633	SH	SOLE	1	304,633	0	0
NVIDIA CORP	COM	67066G104	134,778	252,427	SH	SOLE	1	252,427	0	0
NVR INC	COM	62944T105	5,027	1,067	SH	SOLE	1	1,067	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	20,030	99,485	SH	SOLE	1	99,485	0	0
NYMOX PHARMACEUTICAL CORP	COM	P73398102	55	24,649	SH	SOLE	1	24,649	0	0
O I GLASS INC	COM	67098H104	1,539	104,435	SH	SOLE	1	104,435	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	13,818	27,241	SH	SOLE	1	27,241	0	0
OAK STREET HEALTH INC	COM	67181A107	86	1,580	SH	SOLE	1	1,580	0	0
OAK VALLEY BANCORP	COM	671807105	68	3,982	SH	SOLE	1	3,982	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	8,237	309,431	SH	SOLE	1	309,431	0	0
OCEANEERING INTL INC	COM	675232102	755	66,105	SH	SOLE	1	66,105	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	828	34,575	SH	SOLE	1	34,575	0	0
OCONEE FEDERAL FINANCIAL COR	COM	675607105	16	597	SH	SOLE	1	597	0	0

OCULAR THERAPEUTIX INC	COM	67576A100	697	42,479	SH	SOLE	1	42,479	0	0
ODONATE THERAPEUTICS INC	COM	676079106	31	9,149	SH	SOLE	1	9,149	0	0
ODP CORP/THE	COM	88337F105	1,532	35,396	SH	SOLE	1	35,396	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	878	31,896	SH	SOLE	1	31,896	0	0
OFG BANCORP	COM	67103X102	764	33,774	SH	SOLE	1	33,774	0	0
OGE ENERGY CORP	COM	670837103	11,730	362,483	SH	SOLE	1	362,483	0	0
OHIO VALLEY BANC CORP	COM	677719106	61	2,502	SH	SOLE	1	2,502	0	0
OIL DRI CORP OF AMERICA	COM	677864100	104	3,009	SH	SOLE	1	3,009	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	242	40,165	SH	SOLE	1	40,165	0	0
OKTA INC	COM	679295105	2,251	10,212	SH	SOLE	1	10,212	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	7,550	31,404	SH	SOLE	1	31,404	0	0
OLD NATIONAL BANCORP	COM	680033107	2,115	109,351	SH	SOLE	1	109,351	0	0
OLD REPUBLIC INTL CORP	COM	680223104	11,197	512,665	SH	SOLE	1	512,665	0	0
OLD SECOND BANCORP INC	COM	680277100	219	16,571	SH	SOLE	1	16,571	0	0
OLEMA PHARMACEUTICALS INC	COM	68062P106	235	7,070	SH	SOLE	1	7,070	0	0
OLIN CORP	COM	680665205	9,825	258,763	SH	SOLE	1	258,763	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	9,015	103,622	SH	SOLE	1	103,622	0	0
OLYMPIC STEEL INC	COM	68162K106	179	6,078	SH	SOLE	1	6,078	0	0
OMEGA FLEX INC	COM	682095104	267	1,693	SH	SOLE	1	1,693	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	15,385	420,003	SH	SOLE	1	420,003	0	0
OMEROS CORP	COM	682143102	613	34,445	SH	SOLE	1	34,445	0	0
OMNICELL INC	COM	68213N109	4,206	32,390	SH	SOLE	1	32,390	0	0
OMNICOM GROUP	COM	681919106	24,323	328,029	SH	SOLE	1	328,029	0	0
ON SEMICONDUCTOR CORP	COM	682189105	202	4,856	SH	SOLE	1	4,856	0	0
ON24 INC	COM	68339B104	244	5,037	SH	SOLE	1	5,037	0	0
ONCOCYTE CORP	COM	68235C107	216	41,541	SH	SOLE	1	41,541	0	0
ONCORUS INC	COM	68236R103	61	4,374	SH	SOLE	1	4,374	0	0
ONE GAS INC	COM	68235P108	9,723	126,415	SH	SOLE	1	126,415	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	208	9,339	SH	SOLE	1	9,339	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	47	874	SH	SOLE	1	874	0	0
ONEOK INC	COM	682680103	7,919	156,311	SH	SOLE	1	156,311	0	0
ONESPAN INC	COM	68287N100	546	22,274	SH	SOLE	1	22,274	0	0
ONESPAWORLD HOLDINGS LTD	COM	P73684113	280	26,335	SH	SOLE	1	26,335	0	0
ONEWATER MARINE INC CL A	CL A	68280L101	237	5,928	SH	SOLE	1	5,928	0	0
ONTO INNOVATION INC	COM	683344105	2,083	31,707	SH	SOLE	1	31,707	0	0
ONTRAK INC	COM	683373104	151	4,647	SH	SOLE	1	4,647	0	0
OOMA INC	COM	683416101	197	12,446	SH	SOLE	1	12,446	0	0
OP BANCORP	COM	67109R109	74	7,038	SH	SOLE	1	7,038	0	0
OPKO HEALTH INC	COM	68375N103	995	231,821	SH	SOLE	1	231,821	0	0
OPORTUN FINANCIAL CORP	COM	68376D104	239	11,525	SH	SOLE	1	11,525	0	0
OPPENHEIMER HOLDINGS CL A	CL A	683797104	217	5,409	SH	SOLE	1	5,409	0	0
OPTIMIZERX CORP	COM	68401U204	464	9,511	SH	SOLE	1	9,511	0	0
OPTINOSE INC	COM	68404V100	75	20,371	SH	SOLE	1	20,371	0	0

OPTION CARE HEALTH INC	COM	68404L201	885	49,907	SH	SOLE	1	49,907	0	0
ORACLE CORP	COM	68389X105	39,243	559,263	SH	SOLE	1	559,263	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	553	47,410	SH	SOLE	1	47,410	0	0
ORBCOMM INC	COM	68555P100	329	43,146	SH	SOLE	1	43,146	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X103	300	49,839	SH	SOLE	1	49,839	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	260	14,262	SH	SOLE	1	14,262	0	0
ORGENESIS INC	COM	68619K204	63	10,983	SH	SOLE	1	10,983	0	0
ORIC PHARMACEUTICALS INC	COM	68622P109	324	13,207	SH	SOLE	1	13,207	0	0
ORIGIN BANCORP INC	COM	68621T102	543	12,813	SH	SOLE	1	12,813	0	0
ORION ENERGY SYSTEMS INC	COM	686275108	110	15,758	SH	SOLE	1	15,758	0	0
ORION ENGINEERED CARBONS SA	COM	L72967109	693	35,133	SH	SOLE	1	35,133	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	2,004	25,520	SH	SOLE	1	25,520	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	141	6,339	SH	SOLE	1	6,339	0	0
ORTHO CLINICAL DIAGNOSTICS H	ORD SHS	G6829J107	992	51,429	SH	SOLE	1	51,429	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	542	12,502	SH	SOLE	1	12,502	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	373	7,642	SH	SOLE	1	7,642	0	0
OSHKOSH CORP	COM	688239201	14,704	123,919	SH	SOLE	1	123,919	0	0
OSI SYSTEMS INC	COM	671044105	1,082	11,260	SH	SOLE	1	11,260	0	0
OSMOTICA PHARMACEUTICALS PLC	COM	G6S41R101	24	7,400	SH	SOLE	1	7,400	0	0
OTIS WORLDWIDE CORP	COM	68902V107	9,763	142,633	SH	SOLE	1	142,633	0	0
OTTER TAIL CORP	COM	689648103	1,091	23,633	SH	SOLE	1	23,633	0	0
OUTFRONT MEDIA INC	COM	69007J106	38	1,720	SH	SOLE	1	1,720	0	0
OUTSET MEDICAL INC	COM	690145107	316	5,805	SH	SOLE	1	5,805	0	0
OVERSEAS SHIPHOLDING GROUP A	COM	69036R863	79	38,477	SH	SOLE	1	38,477	0	0
OVERSTOCK.COM INC	COM	690370101	1,648	24,865	SH	SOLE	1	24,865	0	0
OVID THERAPEUTICS INC	COM	690469101	111	27,729	SH	SOLE	1	27,729	0	0
OVINTIV INC	COM	69047Q102	3,635	152,606	SH	SOLE	1	152,606	0	0
OWENS & MINOR INC	COM	690732102	1,821	48,436	SH	SOLE	1	48,436	0	0
OWENS CORNING	COM	690742101	17,513	190,174	SH	SOLE	1	190,174	0	0
OXFORD INDUSTRIES INC	COM	691497309	958	10,961	SH	SOLE	1	10,961	0	0
OYSTER POINT PHARMA INC	COM	69242L106	65	3,529	SH	SOLE	1	3,529	0	0
P G & E CORP	COM	69331C108	186	15,849	SH	SOLE	1	15,849	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	65	1,053	SH	SOLE	1	1,053	0	0
PACCAR INC	COM	693718108	14,310	154,005	SH	SOLE	1	154,005	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	3,541	106,294	SH	SOLE	1	106,294	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	3,514	80,896	SH	SOLE	1	80,896	0	0
PACIRA BIOSCIENCES INC	COM	695127100	1,997	28,496	SH	SOLE	1	28,496	0	0
PACKAGING CORP OF AMERICA	COM	695156109	6,339	47,139	SH	SOLE	1	47,139	0	0
PACTIV EVERGREEN INC	COM	69526K105	317	23,053	SH	SOLE	1	23,053	0	0
PACWEST BANCORP	COM	695263103	10,067	263,890	SH	SOLE	1	263,890	0	0

PAE INC	CL A	69290Y109	311	34,428	SH	SOLE	1	34,428	0	0
PAGERDUTY INC	COM	69553P100	65	1,605	SH	SOLE	1	1,605	0	0
PALO ALTO NETWORKS INC	COM	697435105	686	2,131	SH	SOLE	1	2,131	0	0
PALOMAR HOLDINGS INC	COM	69753M105	913	13,616	SH	SOLE	1	13,616	0	0
PANDION THERAPEUTICS INC	COM	698340106	439	7,312	SH	SOLE	1	7,312	0	0
PANGAEA LOGISTICS SOLUTIONS	L SHS	G6891L105	19	6,163	SH	SOLE	1	6,163	0	0
PAPA JOHN S INTL INC	COM	698813102	6,945	78,354	SH	SOLE	1	78,354	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	376	26,644	SH	SOLE	1	26,644	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	726	11,102	SH	SOLE	1	11,102	0	0
PARAMOUNT GROUP INC	COM	69924R108	165	16,267	SH	SOLE	1	16,267	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	179	25,419	SH	SOLE	1	25,419	0	0
PARK AEROSPACE CORP	COM	70014A104	172	13,026	SH	SOLE	1	13,026	0	0
PARK CITY GROUP INC	COM	700215304	44	7,191	SH	SOLE	1	7,191	0	0
PARK HOTELS & RESORTS INC	COM	700517105	9,244	428,355	SH	SOLE	1	428,355	0	0
PARK NATIONAL CORP	COM	700658107	1,233	9,536	SH	SOLE	1	9,536	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	160	5,087	SH	SOLE	1	5,087	0	0
PARKE BANCORP INC	COM	700885106	123	6,159	SH	SOLE	1	6,159	0	0
PARKER HANNIFIN CORP	COM	701094104	17,594	55,778	SH	SOLE	1	55,778	0	0
PARSONS CORP	COM	70202L102	531	13,142	SH	SOLE	1	13,142	0	0
PARTNERS BANCORP	COM	70213Q108	42	5,755	SH	SOLE	1	5,755	0	0
PASSAGE BIO INC	COM	702712100	293	16,760	SH	SOLE	1	16,760	0	0
PATRICK INDUSTRIES INC	COM	703343103	1,263	14,854	SH	SOLE	1	14,854	0	0
PATTERSON COS INC	COM	703395103	6,582	206,019	SH	SOLE	1	206,019	0	0
PATTERSON UTI ENERGY INC	COM	703481101	872	122,353	SH	SOLE	1	122,353	0	0
PAVMED INC	COM	70387R106	162	36,384	SH	SOLE	1	36,384	0	0
PAYCHEX INC	COM	704326107	189,936	1,937,725	SH	SOLE	1	1,937,725	0	0
PAYCOM SOFTWARE INC	COM	70432V102	6,854	18,522	SH	SOLE	1	18,522	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	12,300	68,400	SH	SOLE	1	68,400	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	117,022	481,888	SH	SOLE	1	481,888	0	0
PAYSIGN INC	COM	70451A104	80	18,263	SH	SOLE	1	18,263	0	0
PBF ENERGY INC CLASS A	COM	69318G106	909	64,264	SH	SOLE	1	64,264	0	0
PC CONNECTION INC	COM	69318J100	341	7,344	SH	SOLE	1	7,344	0	0
PCB BANCORP	COM	69320M109	109	7,262	SH	SOLE	1	7,262	0	0
PCSB FINANCIAL CORP	COM	69324R104	136	8,187	SH	SOLE	1	8,187	0	0
PCTEL INC	COM	69325Q105	72	10,413	SH	SOLE	1	10,413	0	0
PDC ENERGY INC	COM	69327R101	2,286	66,451	SH	SOLE	1	66,451	0	0
PDF SOLUTIONS INC	COM	693282105	343	19,284	SH	SOLE	1	19,284	0	0
PDL COMMUNITY BANCORP	COM	69290X101	48	4,318	SH	SOLE	1	4,318	0	0
PEABODY ENERGY CORP	COM	704551100	112	36,578	SH	SOLE	1	36,578	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	329	10,660	SH	SOLE	1	10,660	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	7,585	312,277	SH	SOLE	1	312,277	0	0
PEGASYSTEMS INC	COM	705573103	96	843	SH	SOLE	1	843	0	0
PELOTON INTERACTIVE INC A	CL A	70614W100	2,275	20,229	SH	SOLE	1	20,229	0	0

PENN NATIONAL GAMING INC	COM	707569109	14,637	139,617	SH	SOLE	1	139,617	0	0
PENN VIRGINIA CORP	COM	70788V102	136	10,169	SH	SOLE	1	10,169	0	0
PENNANT GROUP INC/THE	COM	70805E109	777	16,970	SH	SOLE	1	16,970	0	0
PENNS WOODS BANCORP INC	COM	708430103	96	3,988	SH	SOLE	1	3,988	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	1,620	24,232	SH	SOLE	1	24,232	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	1,280	65,315	SH	SOLE	1	65,315	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	31	381	SH	SOLE	1	381	0	0
PENTAIR PLC	COM	G7S00T104	3,185	51,108	SH	SOLE	1	51,108	0	0
PENUMBRA INC	COM	70975L107	16,712	61,764	SH	SOLE	1	61,764	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	2,344	130,959	SH	SOLE	1	130,959	0	0
PEOPLES BANCORP INC	COM	709789101	351	10,593	SH	SOLE	1	10,593	0	0
PEOPLES BANCORP OF NC	COM	710577107	62	2,604	SH	SOLE	1	2,604	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	169	4,005	SH	SOLE	1	4,005	0	0
PEPSICO INC	COM	713448108	88,875	628,311	SH	SOLE	1	628,311	0	0
PERDOCEO EDUCATION CORP	COM	71363P106	552	46,171	SH	SOLE	1	46,171	0	0
PERFICIENT INC	COM	71375U101	1,276	21,730	SH	SOLE	1	21,730	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	4,400	76,370	SH	SOLE	1	76,370	0	0
PERKINELMER INC	COM	714046109	4,602	35,869	SH	SOLE	1	35,869	0	0
PERRIGO CO PLC	COM	G97822103	1,672	41,322	SH	SOLE	1	41,322	0	0
PERSONALIS INC	COM	71535D106	378	15,358	SH	SOLE	1	15,358	0	0
PERSPECTA INC	COM	715347100	9,518	327,635	SH	SOLE	1	327,635	0	0
PETCO HEALTH AND WELLNESS CO	COM	71601V105	20	892	SH	SOLE	1	892	0	0
PETIQ INC	COM	71639T106	439	12,460	SH	SOLE	1	12,460	0	0
PETMED EXPRESS INC	COM	716382106	460	13,077	SH	SOLE	1	13,077	0	0
PFIZER INC	COM	717081103	62,780	1,732,831	SH	SOLE	1	1,732,831	0	0
PFSWEB INC	COM	717098206	63	9,274	SH	SOLE	1	9,274	0	0
PGT INNOVATIONS INC	COM	69336V101	964	38,175	SH	SOLE	1	38,175	0	0
PHASEBIO PHARMACEUTICALS INC	COM	717224109	31	8,891	SH	SOLE	1	8,891	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	253	6,747	SH	SOLE	1	6,747	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	331	13,577	SH	SOLE	1	13,577	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	43,646	491,841	SH	SOLE	1	491,841	0	0
PHILLIPS 66	COM	718546104	10,537	129,231	SH	SOLE	1	129,231	0	0
PHOTRONICS INC	COM	719405102	533	41,441	SH	SOLE	1	41,441	0	0
PHREESIA INC	COM	71944F106	1,022	19,609	SH	SOLE	1	19,609	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	8,954	506,749	SH	SOLE	1	506,749	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	1,257	72,351	SH	SOLE	1	72,351	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	79	30,932	SH	SOLE	1	30,932	0	0
PILGRIM S PRIDE CORP	COM	72147K108	2,105	88,473	SH	SOLE	1	88,473	0	0
PINDUODUO INC ADR	ADR	722304102	3,612	26,981	SH	SOLE	1	26,981	0	0
PING IDENTITY HOLDING CORP	COM	72341T103	474	21,627	SH	SOLE	1	21,627	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	12,208	137,690	SH	SOLE	1	137,690	0	0



PINNACLE WEST CAPITAL	COM	723484101	2,822	34,688	SH	SOLE	1	34,688	0	0
PINTEREST INC CLASS A	CL A	72352L106	614	8,299	SH	SOLE	1	8,299	0	0
PIONEER BANCORP INC/NY	COM	723561106	79	6,762	SH	SOLE	1	6,762	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	11,702	73,679	SH	SOLE	1	73,679	0	0
PIPER SANDLER COS	COM	724078100	1,239	11,301	SH	SOLE	1	11,301	0	0
PITNEY BOWES INC	COM	724479100	951	115,397	SH	SOLE	1	115,397	0	0
PIXELWORKS INC	COM	72581M305	88	26,556	SH	SOLE	1	26,556	0	0
PJT PARTNERS INC A	COM	69343T107	918	13,564	SH	SOLE	1	13,564	0	0
PLANET FITNESS INC CL A	CL A	72703H101	114	1,469	SH	SOLE	1	1,469	0	0
PLANTRONICS INC	COM	727493108	907	23,302	SH	SOLE	1	23,302	0	0
PLAYAGS INC	COM	72814N104	125	15,507	SH	SOLE	1	15,507	0	0
PLAYTIKA HOLDING CORP	COM	72815L107	35	1,294	SH	SOLE	1	1,294	0	0
PLEXUS CORP	COM	729132100	1,737	18,915	SH	SOLE	1	18,915	0	0
PLIANT THERAPEUTICS INC	COM	729139105	551	13,999	SH	SOLE	1	13,999	0	0
PLUG POWER INC	COM	72919P202	8,922	248,938	SH	SOLE	1	248,938	0	0
PLUMAS BANCORP	COM	729273102	79	2,709	SH	SOLE	1	2,709	0	0
PLURALSIGHT INC A	COM	72941B106	61	2,743	SH	SOLE	1	2,743	0	0
PLYMOUTH INDUSTRIAL REIT INC	COM	729640102	241	14,298	SH	SOLE	1	14,298	0	0
PMV PHARMACEUTICALS INC	COM	69353Y103	262	7,963	SH	SOLE	1	7,963	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	29,330	167,211	SH	SOLE	1	167,211	0	0
PNM RESOURCES INC	COM	69349H107	10,027	204,432	SH	SOLE	1	204,432	0	0
POLARIS INC	COM	731068102	14,101	105,627	SH	SOLE	1	105,627	0	0
POOL CORP	COM	73278L105	4,553	13,188	SH	SOLE	1	13,188	0	0
POPULAR INC	COM	733174700	70	992	SH	SOLE	1	992	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	2,490	52,456	SH	SOLE	1	52,456	0	0
POSEIDA THERAPEUTICS INC	COM	73730P108	184	19,297	SH	SOLE	1	19,297	0	0
POST HOLDINGS INC	COM	737446104	11,469	108,488	SH	SOLE	1	108,488	0	0
POTLATCHDELTIC CORP	COM	737630103	10,055	189,997	SH	SOLE	1	189,997	0	0
POWELL INDUSTRIES INC	COM	739128106	202	5,964	SH	SOLE	1	5,964	0	0
POWER INTEGRATIONS INC	COM	739276103	3,206	39,352	SH	SOLE	1	39,352	0	0
POWERFLEET INC	COM	73931J109	156	18,935	SH	SOLE	1	18,935	0	0
PPD INC	COM	69355F102	126	3,327	SH	SOLE	1	3,327	0	0
PPG INDUSTRIES INC	COM	693506107	12,539	83,447	SH	SOLE	1	83,447	0	0
PPL CORP	COM	69351T106	8,222	285,082	SH	SOLE	1	285,082	0	0
PQ GROUP HOLDINGS INC	COM	73943T103	374	22,369	SH	SOLE	1	22,369	0	0
PRA GROUP INC	COM	69354N106	1,115	30,090	SH	SOLE	1	30,090	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	18,019	117,515	SH	SOLE	1	117,515	0	0
PRAXIS PRECISION MEDICINES I	COM	74006W108	211	6,428	SH	SOLE	1	6,428	0	0
PRECIGEN INC	COM	74017N105	281	40,784	SH	SOLE	1	40,784	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	280	27,096	SH	SOLE	1	27,096	0	0
PREFERRED APARTMENT COMMUN A	COM	74039L103	273	27,726	SH	SOLE	1	27,726	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	583	9,158	SH	SOLE	1	9,158	0	0
PREFORMED LINE	COM	740444104	121	1,755	SH	SOLE	1	1,755	0	0

## PRODUCTS CO

PRELUDE THERAPEUTICS INC	COM	74065P101	250	5,776	SH	SOLE	1	5,776	0	0
PREMIER FINANCIAL BANCORP	COM	74050M105	141	7,607	SH	SOLE	1	7,607	0	0
PREMIER FINANCIAL CORP	COM	74052F108	718	21,580	SH	SOLE	1	21,580	0	0
PREMIER INC CLASS A	COM	74051N102	49	1,455	SH	SOLE	1	1,455	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	1,475	33,473	SH	SOLE	1	33,473	0	0
PRICESMART INC	COM	741511109	1,470	15,198	SH	SOLE	1	15,198	0	0
PRIMEENERGY RESOURCES CORP	COM	74158E104	16	303	SH	SOLE	1	303	0	0
PRIMERICA INC	COM	74164M108	10,577	71,556	SH	SOLE	1	71,556	0	0
PRIMIS FINANCIAL CORP	COM	74167B109	168	11,547	SH	SOLE	1	11,547	0	0
PRIMO WATER CORP	COM	74167P108	1,481	91,075	SH	SOLE	1	91,075	0	0
PRIMORIS SERVICES CORP	COM	74164F103	927	27,968	SH	SOLE	1	27,968	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	4,692	78,260	SH	SOLE	1	78,260	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	31	4,449	SH	SOLE	1	4,449	0	0
PROASSURANCE CORP	COM	74267C106	956	35,717	SH	SOLE	1	35,717	0	0
PROCTER & GAMBLE CO/THE	COM	742718109	244,838	1,807,856	SH	SOLE	1	1,807,856	0	0
PROFESSIONAL HOLDING CORP A	COM	743139107	122	6,623	SH	SOLE	1	6,623	0	0
PROG HOLDINGS INC	COM	74319R101	6,980	161,231	SH	SOLE	1	161,231	0	0
PROGENITY INC	COM	74319F107	50	10,411	SH	SOLE	1	10,411	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,299	29,493	SH	SOLE	1	29,493	0	0
PROGRESSIVE CORP	COM	743315103	22,472	235,037	SH	SOLE	1	235,037	0	0
PROGYNY INC	COM	74340E103	693	15,564	SH	SOLE	1	15,564	0	0
PROLOGIS INC	COM	74340W103	27,153	256,158	SH	SOLE	1	256,158	0	0
PROOFPOINT INC	COM	743424103	160	1,270	SH	SOLE	1	1,270	0	0
PROPETRO HOLDING CORP	COM	74347M108	570	53,492	SH	SOLE	1	53,492	0	0
PROS HOLDINGS INC	COM	74346Y103	994	23,384	SH	SOLE	1	23,384	0	0
PROSIGHT GLOBAL INC	COM	74349J103	68	5,434	SH	SOLE	1	5,434	0	0
PROSPERITY BANCSHARES INC	COM	743606105	12,609	168,369	SH	SOLE	1	168,369	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	532	20,527	SH	SOLE	1	20,527	0	0
PROTARA THERAPEUTIC INC	COM	74365U107	35	2,254	SH	SOLE	1	2,254	0	0
PROTECTIVE INSURANCE CORP B	COM	74368L203	120	5,233	SH	SOLE	1	5,233	0	0
PROTHENA CORP PLC	COM	G72800108	450	17,932	SH	SOLE	1	17,932	0	0
PROTO LABS INC	COM	743713109	2,177	17,879	SH	SOLE	1	17,879	0	0
PROVENTION BIO INC	COM	74374N102	325	30,926	SH	SOLE	1	30,926	0	0
PROVIDENT BANCORP INC	COM	74383L105	139	9,653	SH	SOLE	1	9,653	0	0
PROVIDENT FINANCIAL HLDGS	COM	743868101	59	3,491	SH	SOLE	1	3,491	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	1,055	47,365	SH	SOLE	1	47,365	0	0
PRUDENTIAL BANCORP INC	COM	74431A101	59	4,026	SH	SOLE	1	4,026	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	14,275	156,693	SH	SOLE	1	156,693	0	0
PS BUSINESS PARKS INC/CA	COM	69360J107	7,396	47,844	SH	SOLE	1	47,844	0	0
PTC INC	COM	69370C100	26,374	191,601	SH	SOLE	1	191,601	0	0

PTC THERAPEUTICS INC	COM	69366J200	1,705	36,018	SH	SOLE	1	36,018	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	11,720	194,645	SH	SOLE	1	194,645	0	0
PUBLIC STORAGE	COM	74460D109	12,586	51,004	SH	SOLE	1	51,004	0	0
PULMONX CORP	COM	745848101	310	6,767	SH	SOLE	1	6,767	0	0
PULSE BIOSCIENCES INC	COM	74587B101	196	8,275	SH	SOLE	1	8,275	0	0
PULTEGROUP INC	COM	745867101	4,367	83,267	SH	SOLE	1	83,267	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	175	17,982	SH	SOLE	1	17,982	0	0
PURE CYCLE CORP	COM	746228303	152	11,317	SH	SOLE	1	11,317	0	0
PURE STORAGE INC CLASS A	COM	74624M102	95	4,432	SH	SOLE	1	4,432	0	0
PURPLE INNOVATION INC	COM	74640Y106	599	18,913	SH	SOLE	1	18,913	0	0
PVH CORP	COM	693656100	2,312	21,876	SH	SOLE	1	21,876	0	0
PZENA INVESTMENT MANAGM CL A	CL A	74731Q103	104	9,868	SH	SOLE	1	9,868	0	0
Q2 HOLDINGS INC	COM	74736L109	2,940	29,345	SH	SOLE	1	29,345	0	0
QAD INC A	COM	74727D306	455	6,838	SH	SOLE	1	6,838	0	0
QCR HOLDINGS INC	COM	74727A104	407	8,629	SH	SOLE	1	8,629	0	0
QIAGEN N.V.	COM	N72482123	131	2,691	SH	SOLE	1	2,691	0	0
QORVO INC	COM	74736K101	6,585	36,044	SH	SOLE	1	36,044	0	0
QTS REALTY TRUST INC CL A	CL A	74736A103	2,426	39,105	SH	SOLE	1	39,105	0	0
QUAD GRAPHICS INC	COM	747301109	68	19,370	SH	SOLE	1	19,370	0	0
QUAKER CHEMICAL CORP	COM	747316107	2,156	8,846	SH	SOLE	1	8,846	0	0
QUALCOMM INC	COM	747525103	61,815	466,215	SH	SOLE	1	466,215	0	0
QUALYS INC	COM	74758T303	9,228	88,068	SH	SOLE	1	88,068	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	581	22,142	SH	SOLE	1	22,142	0	0
QUANTA SERVICES INC	COM	74762E102	3,844	43,688	SH	SOLE	1	43,688	0	0
QUANTERIX CORP	COM	74766Q101	820	14,020	SH	SOLE	1	14,020	0	0
QUANTUM CORP	COM	747906501	202	24,243	SH	SOLE	1	24,243	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	5,831	45,431	SH	SOLE	1	45,431	0	0
QUEST DIAGNOSTICS ORD	COM	74834L100	128,340	1,000	SH	SOLE	1	1,000	0	0
QUIDEL CORP	COM	74838J101	8,976	70,162	SH	SOLE	1	70,162	0	0
QUINSTREET INC	COM	74874Q100	653	32,149	SH	SOLE	1	32,149	0	0
QUOTIENT LTD	COM	G73268107	155	42,243	SH	SOLE	1	42,243	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	828	50,663	SH	SOLE	1	50,663	0	0
QURATE RETAIL INC SERIES A	COM	74915M100	54	4,556	SH	SOLE	1	4,556	0	0
R1 RCM INC	COM	749397105	1,813	73,449	SH	SOLE	1	73,449	0	0
RACKSPACE TECHNOLOGY INC	COM	750102105	478	20,099	SH	SOLE	1	20,099	0	0
RADIAN GROUP INC	COM	750236101	2,594	111,584	SH	SOLE	1	111,584	0	0
RADIANT LOGISTICS INC	COM	75025X100	158	22,800	SH	SOLE	1	22,800	0	0
RADIUS HEALTH INC	COM	750469207	553	26,495	SH	SOLE	1	26,495	0	0
RADNET INC	COM	750491102	629	28,925	SH	SOLE	1	28,925	0	0
RAFAEL HOLDINGS INC CLASS B	COM	75062E106	222	5,567	SH	SOLE	1	5,567	0	0
RALPH LAUREN CORP	COM	751212101	1,827	14,835	SH	SOLE	1	14,835	0	0
RAMBUS INC	COM	750917106	1,466	75,388	SH	SOLE	1	75,388	0	0
RANGE RESOURCES CORP	COM	75281A109	1,511	146,303	SH	SOLE	1	146,303	0	0
RANPAK HOLDINGS CORP	CL A	75321W103	339	16,879	SH	SOLE	1	16,879	0	0
RAPID7 INC	COM	753422104	2,249	30,137	SH	SOLE	1	30,137	0	0

RAPT THERAPEUTICS INC	COM	75382E109	142	6,395	SH	SOLE	1	6,395	0	0
RAVEN INDUSTRIES INC	COM	754212108	911	23,757	SH	SOLE	1	23,757	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	4,624	37,731	SH	SOLE	1	37,731	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	375	41,372	SH	SOLE	1	41,372	0	0
RAYONIER INC	COM	754907103	8,053	249,705	SH	SOLE	1	249,705	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	34,737	449,556	SH	SOLE	1	449,556	0	0
RBB BANCORP	COM	74930B105	196	9,679	SH	SOLE	1	9,679	0	0
RBC BEARINGS INC	COM	75524B104	2,826	14,363	SH	SOLE	1	14,363	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	310	4,877	SH	SOLE	1	4,877	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	479	12,170	SH	SOLE	1	12,170	0	0
READY CAPITAL CORP	COM	75574U101	530	39,482	SH	SOLE	1	39,482	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	1,838	121,508	SH	SOLE	1	121,508	0	0
REALPAGE INC	COM	75606N109	162	1,854	SH	SOLE	1	1,854	0	0
REALREAL INC/THE	COM	88339P101	839	37,053	SH	SOLE	1	37,053	0	0
REALTY INCOME CORP	COM	756109104	7,411	116,713	SH	SOLE	1	116,713	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	56	558	SH	SOLE	1	558	0	0
RECRO PHARMA INC	COM	75629F109	32	11,295	SH	SOLE	1	11,295	0	0
RED RIVER BANCSHARES INC	COM	75686R202	161	2,877	SH	SOLE	1	2,877	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	411	10,309	SH	SOLE	1	10,309	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,250	38,369	SH	SOLE	1	38,369	0	0
RED VIOLET INC	COM	75704L104	73	3,953	SH	SOLE	1	3,953	0	0
REDFIN CORP	COM	75737F108	4,163	62,519	SH	SOLE	1	62,519	0	0
REDWOOD TRUST INC	COM	758075402	777	74,627	SH	SOLE	1	74,627	0	0
REGAL BELOIT CORP	COM	758750103	10,503	73,609	SH	SOLE	1	73,609	0	0
REGENCY CENTERS CORP	COM	758849103	2,764	48,744	SH	SOLE	1	48,744	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	21,402	45,235	SH	SOLE	1	45,235	0	0
REGENXBIO INC	COM	75901B107	868	25,439	SH	SOLE	1	25,439	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	167	4,807	SH	SOLE	1	4,807	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	6,110	295,728	SH	SOLE	1	295,728	0	0
REGIS CORP	COM	758932107	198	15,744	SH	SOLE	1	15,744	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	15,527	123,181	SH	SOLE	1	123,181	0	0
RELAY THERAPEUTICS INC	COM	75943R102	924	26,725	SH	SOLE	1	26,725	0	0
RELIANCE STEEL & ALUMINUM	COM	759509102	17,553	115,260	SH	SOLE	1	115,260	0	0
RELIANT BANCORP INC	COM	75956B101	258	8,967	SH	SOLE	1	8,967	0	0
RELMADA THERAPEUTICS INC	COM	75955J402	301	8,543	SH	SOLE	1	8,543	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	14,757	92,085	SH	SOLE	1	92,085	0	0
RENASANT CORP	COM	75970E107	1,507	36,416	SH	SOLE	1	36,416	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	1,903	28,819	SH	SOLE	1	28,819	0	0
RENT A CENTER INC	COM	76009N100	1,864	32,322	SH	SOLE	1	32,322	0	0
REPAY HOLDINGS CORP	CL A	76029L100	912	38,827	SH	SOLE	1	38,827	0	0
REPLIGEN CORP	COM	759916109	18,064	92,917	SH	SOLE	1	92,917	0	0
REPLIMUNE GROUP INC	COM	76029N106	428	14,027	SH	SOLE	1	14,027	0	0

REPRO MEDSYSTEMS INC	COM	759910102	55	15,712	SH	SOLE	1	15,712	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	251	5,667	SH	SOLE	1	5,667	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	100	26,495	SH	SOLE	1	26,495	0	0
REPUBLIC SERVICES INC	COM	760759100	7,522	75,708	SH	SOLE	1	75,708	0	0
RESEARCH FRONTIERS INC	COM	760911107	44	15,465	SH	SOLE	1	15,465	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	2,705	95,759	SH	SOLE	1	95,759	0	0
RESMED INC	COM	761152107	10,602	54,643	SH	SOLE	1	54,643	0	0
RESONANT INC	COM	76118L102	126	29,658	SH	SOLE	1	29,658	0	0
RESOURCES CONNECTION INC	COM	76122Q105	278	20,526	SH	SOLE	1	20,526	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	1,226	77,255	SH	SOLE	1	77,255	0	0
RETAIL PROPERTIES OF AME A	COM	76131V202	1,497	142,846	SH	SOLE	1	142,846	0	0
RETAIL VALUE INC	COM	76133Q102	179	9,565	SH	SOLE	1	9,565	0	0
RETRACTABLE TECHNOLOGIES INC	COM	76129W105	103	8,004	SH	SOLE	1	8,004	0	0
REV GROUP INC	COM	749527107	307	16,009	SH	SOLE	1	16,009	0	0
REVANCE THERAPEUTICS INC	COM	761330109	1,025	36,677	SH	SOLE	1	36,677	0	0
REVLON INC CLASS A	COM	761525609	49	4,010	SH	SOLE	1	4,010	0	0
REVOLUTION MEDICINES INC	COM	76155X100	1,142	24,895	SH	SOLE	1	24,895	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	300	3,562	SH	SOLE	1	3,562	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	12,115	240,379	SH	SOLE	1	240,379	0	0
REXNORD CORP	COM	76169B102	3,306	70,199	SH	SOLE	1	70,199	0	0
REYNOLDS CONSUMER PRODUCTS I	COM	76171L106	22	726	SH	SOLE	1	726	0	0
RGC RESOURCES INC	COM	74955L103	99	4,441	SH	SOLE	1	4,441	0	0
RH	COM	74967X103	23,574	39,514	SH	SOLE	1	39,514	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	472	22,212	SH	SOLE	1	22,212	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	326	39,727	SH	SOLE	1	39,727	0	0
RICHMOND MUTUAL BANCORPORATI	COM	76525P100	96	7,044	SH	SOLE	1	7,044	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	339	99,037	SH	SOLE	1	99,037	0	0
RIMINI STREET INC	COM	76674Q107	120	13,390	SH	SOLE	1	13,390	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	526	1,766	SH	SOLE	1	1,766	0	0
RITE AID CORP	COM	767754872	653	31,911	SH	SOLE	1	31,911	0	0
RIVERVIEW BANCORP INC	COM	769397100	85	12,313	SH	SOLE	1	12,313	0	0
RLI CORP	COM	749607107	10,554	94,598	SH	SOLE	1	94,598	0	0
RLJ LODGING TRUST	COM	74965L101	1,481	95,687	SH	SOLE	1	95,687	0	0
RMR GROUP INC/THE A	COM	74967R106	925	22,673	SH	SOLE	1	22,673	0	0
ROBERT HALF INTL INC	COM	770323103	19,325	247,540	SH	SOLE	1	247,540	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	967	21,792	SH	SOLE	1	21,792	0	0
ROCKWELL AUTOMATION INC	COM	773903109	10,792	40,656	SH	SOLE	1	40,656	0	0
ROCKWELL MEDICAL INC	COM	774374102	47	40,615	SH	SOLE	1	40,615	0	0
ROCKY BRANDS INC	COM	774515100	216	4,003	SH	SOLE	1	4,003	0	0

ROGERS CORP	COM	775133101	2,336	12,414	SH	SOLE	1	12,414	0	0
ROKU INC	COM	77543R102	796	2,444	SH	SOLE	1	2,444	0	0
ROLLINS INC	COM	775711104	2,495	72,500	SH	SOLE	1	72,500	0	0
ROPER TECHNOLOGIES INC	COM	776696106	14,101	34,960	SH	SOLE	1	34,960	0	0
ROSS STORES INC	COM	778296103	16,656	138,903	SH	SOLE	1	138,903	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	5,747	67,134	SH	SOLE	1	67,134	0	0
ROYAL GOLD INC	COM	780287108	12,848	119,387	SH	SOLE	1	119,387	0	0
ROYALTY PHARMA PLC CL A	CL A	G7709Q104	230	5,270	SH	SOLE	1	5,270	0	0
RPC INC	COM	749660106	207	38,337	SH	SOLE	1	38,337	0	0
RPM INTERNATIONAL INC	COM	749685103	21,756	236,868	SH	SOLE	1	236,868	0	0
RPT REALTY	COM	74971D101	614	53,781	SH	SOLE	1	53,781	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	554	20,889	SH	SOLE	1	20,889	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	173	3,827	SH	SOLE	1	3,827	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	1,204	24,154	SH	SOLE	1	24,154	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	535	21,535	SH	SOLE	1	21,535	0	0
RYDER SYSTEM INC	COM	783549108	7,361	97,298	SH	SOLE	1	97,298	0	0
RYERSON HOLDING CORP	COM	783754104	159	9,331	SH	SOLE	1	9,331	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	2,280	29,414	SH	SOLE	1	29,414	0	0
S & T BANCORP INC	COM	783859101	864	25,786	SH	SOLE	1	25,786	0	0
S&P GLOBAL INC	COM	78409V104	35,289	100,005	SH	SOLE	1	100,005	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	9,178	528,665	SH	SOLE	1	528,665	0	0
SABRE CORP	COM	78573M104	8,517	575,077	SH	SOLE	1	575,077	0	0
SAFE BULKERS INC	COM	Y7388L103	74	30,242	SH	SOLE	1	30,242	0	0
SAFEGUARD SCIENTIFICS INC	COM	786449207	79	11,514	SH	SOLE	1	11,514	0	0
SAFEHOLD INC	COM	78645L100	819	11,678	SH	SOLE	1	11,678	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	801	9,505	SH	SOLE	1	9,505	0	0
SAGA COMMUNICATIONS INC CL A	CL A	786598300	48	2,210	SH	SOLE	1	2,210	0	0
SAGE THERAPEUTICS INC	COM	78667J108	49	652	SH	SOLE	1	652	0	0
SAIA INC	COM	78709Y105	4,037	17,507	SH	SOLE	1	17,507	0	0
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	10,934	215,912	SH	SOLE	1	215,912	0	0
SALESFORCE.COM INC	COM	79466L302	69,200	326,614	SH	SOLE	1	326,614	0	0
SALISBURY BANCORP INC	COM	795226109	66	1,478	SH	SOLE	1	1,478	0	0
SALISBURY BANCORP ORD	COM	795226109	67,902	1,529	SH	SOLE	1	1,529	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	1,512	75,127	SH	SOLE	1	75,127	0	0
SANA BIOTECHNOLOGY INC	COM	799566104	17	519	SH	SOLE	1	519	0	0
SANDERSON FARMS INC	COM	800013104	7,404	47,526	SH	SOLE	1	47,526	0	0
SANDY SPRING BANCORP INC	COM	800363103	1,166	26,850	SH	SOLE	1	26,850	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	841	67,112	SH	SOLE	1	67,112	0	0
SANMINA CORP	COM	801056102	1,769	42,745	SH	SOLE	1	42,745	0	0
SANTANDER CONSUMER USA HOLDI	COM	80283M101	23	861	SH	SOLE	1	861	0	0
SAPIENS	V SHS	G7T16G103	509	15,996	SH	SOLE	1	15,996	0	0

INTERNATIONAL CORP										
SAREPTA THERAPEUTICS INC	COM	803607100	126	1,689	SH	SOLE	1	1,689	0	0
SATSUMA PHARMACEUTICALS INC	COM	80405P107	32	5,357	SH	SOLE	1	5,357	0	0
SAUL CENTERS INC	COM	804395101	322	8,029	SH	SOLE	1	8,029	0	0
SAVARA INC	COM	805111101	58	28,064	SH	SOLE	1	28,064	0	0
SB FINANCIAL GROUP INC	COM	78408D105	72	3,960	SH	SOLE	1	3,960	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	9,749	35,125	SH	SOLE	1	35,125	0	0
SCANSOURCE INC	COM	806037107	505	16,859	SH	SOLE	1	16,859	0	0
SCHLUMBERGER LTD	COM	806857108	14,782	543,648	SH	SOLE	1	543,648	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	18	706	SH	SOLE	1	706	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	637	15,239	SH	SOLE	1	15,239	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	755	14,907	SH	SOLE	1	14,907	0	0
SCHOLASTIC CORP	COM	807066105	585	19,427	SH	SOLE	1	19,427	0	0
SCHRODINGER INC	COM	80810D103	1,338	17,539	SH	SOLE	1	17,539	0	0
SCHWAB (CHARLES) CORP	COM	808513105	34,633	531,343	SH	SOLE	1	531,343	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	1,014	20,707	SH	SOLE	1	20,707	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	8,826	105,592	SH	SOLE	1	105,592	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	5,185	134,618	SH	SOLE	1	134,618	0	0
SCOPUS BIOPHARMA INC	COM	809171101	27	3,232	SH	SOLE	1	3,232	0	0
SCORPIO TANKERS INC	COM	Y7542C130	544	29,483	SH	SOLE	1	29,483	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	18,149	74,087	SH	SOLE	1	74,087	0	0
SCPHERMACEUTICALS INC	COM	810648105	27	4,079	SH	SOLE	1	4,079	0	0
SCULPTOR CAPITAL MANAGEMENT	COM	811246107	236	10,779	SH	SOLE	1	10,779	0	0
SEABOARD CORP	COM	811543107	11	3	SH	SOLE	1	3	0	0
SEACHANGE INTERNATIONAL INC	COM	811699107	28	17,771	SH	SOLE	1	17,771	0	0
SEACOAST BANKING CORP/FL	COM	811707801	1,257	34,687	SH	SOLE	1	34,687	0	0
SEACOAST BANKING OF FLORIDA ORD	COM	811707801	97,848	2,700	SH	SOLE		2,700	0	0
SEACOR HOLDINGS INC	COM	811904101	521	12,778	SH	SOLE	1	12,778	0	0
SEAGATE TECHNOLOGY	COM	G7945M107	8,932	116,374	SH	SOLE	1	116,374	0	0
SEAGEN INC	COM	81181C104	1,973	14,211	SH	SOLE	1	14,211	0	0
SEALED AIR CORP	COM	81211K100	3,550	77,487	SH	SOLE	1	77,487	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	268	15,421	SH	SOLE	1	15,421	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	1,471	29,623	SH	SOLE	1	29,623	0	0
SECUREWORKS CORP A	COM	81374A105	70	5,201	SH	SOLE	1	5,201	0	0
SECURITY NATL FINL CORP CL A	CL A	814785309	52	5,555	SH	SOLE	1	5,555	0	0
SEER INC	CL A	81578P106	422	8,439	SH	SOLE	1	8,439	0	0
SEI INVESTMENTS COMPANY	COM	784117103	13,148	215,796	SH	SOLE	1	215,796	0	0
SELECT BANCORP INC	COM	81617L108	99	8,964	SH	SOLE	1	8,964	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	171	34,346	SH	SOLE	1	34,346	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	2,464	72,269	SH	SOLE	1	72,269	0	0

SELECTA BIOSCIENCES INC	COM	816212104	179	39,523	SH	SOLE	1	39,523	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	10,320	142,266	SH	SOLE	1	142,266	0	0
SELECTQUOTE INC	COM	816307300	2,247	76,151	SH	SOLE	1	76,151	0	0
SEMPRA ENERGY	COM	816851109	11,869	89,525	SH	SOLE	1	89,525	0	0
SEMTECH CORP	COM	816850101	10,672	154,663	SH	SOLE	1	154,663	0	0
SENECA FOODS CORP CL A	CL A	817070501	205	4,348	SH	SOLE	1	4,348	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	107	1,846	SH	SOLE	1	1,846	0	0
SENSEI BIOTHERAPEUTICS INC	COM	81728A108	65	4,441	SH	SOLE	1	4,441	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	7,885	101,092	SH	SOLE	1	101,092	0	0
SERES THERAPEUTICS INC	COM	81750R102	663	32,191	SH	SOLE	1	32,191	0	0
SERITAGE GROWTH PROP A REIT	COM	81752R100	364	19,842	SH	SOLE	1	19,842	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	15,674	307,032	SH	SOLE	1	307,032	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	4,653	392,305	SH	SOLE	1	392,305	0	0
SERVICENOW INC	COM	81762P102	36,321	72,626	SH	SOLE	1	72,626	0	0
SERVICOURCE INTERNATIONAL	COM	81763U100	76	51,418	SH	SOLE	1	51,418	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,981	32,302	SH	SOLE	1	32,302	0	0
SFL CORP LTD	SHS	G7738W106	442	55,125	SH	SOLE	1	55,125	0	0
SHAKE SHACK INC CLASS A	COM	819047101	2,646	23,466	SH	SOLE	1	23,466	0	0
SHARPS COMPLIANCE CORP	COM	820017101	120	8,321	SH	SOLE	1	8,321	0	0
SHATTUCK LABS INC	COM	82024L103	223	7,637	SH	SOLE	1	7,637	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	1,573	32,237	SH	SOLE	1	32,237	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	18,999	25,743	SH	SOLE	1	25,743	0	0
SHOALS TECHNOLOGIES GROUP A	CL A	82489W107	40	1,136	SH	SOLE	1	1,136	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	2,159	16,578	SH	SOLE	1	16,578	0	0
SHOE CARNIVAL INC	COM	824889109	380	6,135	SH	SOLE	1	6,135	0	0
SHORE BANCSHARES INC	COM	825107105	116	6,805	SH	SOLE	1	6,805	0	0
SHOTSPOTTER INC	COM	82536T107	164	4,689	SH	SOLE	1	4,689	0	0
SHUTTERSTOCK INC	COM	825690100	1,299	14,593	SH	SOLE	1	14,593	0	0
SHYFT GROUP INC/THE	COM	825698103	748	20,100	SH	SOLE	1	20,100	0	0
SI BONE INC	COM	825704109	536	16,835	SH	SOLE	1	16,835	0	0
SIEBERT FINANCIAL CORP	COM	826176109	27	6,736	SH	SOLE	1	6,736	0	0
SIENTRA INC	COM	82621J105	220	30,193	SH	SOLE	1	30,193	0	0
SIERRA BANCORP	COM	82620P102	221	8,231	SH	SOLE	1	8,231	0	0
SIGA TECHNOLOGIES INC	COM	826917106	197	30,381	SH	SOLE	1	30,381	0	0
SIGILON THERAPEUTICS INC	COM	82657L107	101	4,500	SH	SOLE	1	4,500	0	0
SIGNATURE BANK	COM	82669G104	23,382	103,413	SH	SOLE	1	103,413	0	0
SIGNET JEWELERS LTD	COM	G81276100	2,015	34,754	SH	SOLE	1	34,754	0	0
SIGNIFY HEALTH INC CLASS A	CL A	82671G100	13	431	SH	SOLE	1	431	0	0
SILGAN HOLDINGS INC	COM	827048109	5,952	141,615	SH	SOLE	1	141,615	0	0
SILICON	COM	826919102	14,720	104,344	SH	SOLE	1	104,344	0	0



LABORATORIES INC										
SILK ROAD MEDICAL INC	COM	82710M100	806	15,912	SH	SOLE	1	15,912	0	0
SILVERBACK THERAPEUTICS INC	COM	82835W108	323	7,393	SH	SOLE	1	7,393	0	0
SILVERCREST ASSET MANAGEME A	COM	828359109	80	5,563	SH	SOLE	1	5,563	0	0
SILVERGATE CAPITAL CORP CL A	CL A	82837P408	1,612	11,341	SH	SOLE	1	11,341	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	2,138	72,072	SH	SOLE	1	72,072	0	0
SIMON PROPERTY GROUP INC	COM	828806109	12,996	114,228	SH	SOLE	1	114,228	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,723	56,652	SH	SOLE	1	56,652	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	10,727	103,416	SH	SOLE	1	103,416	0	0
SIMULATIONS PLUS INC	COM	829214105	640	10,116	SH	SOLE	1	10,116	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	2,197	75,074	SH	SOLE	1	75,074	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,706	280,113	SH	SOLE	1	280,113	0	0
SIRIUSPOINT LTD	COM	G8192H106	571	56,136	SH	SOLE	1	56,136	0	0
SITE CENTERS CORP	COM	82981J109	1,398	103,129	SH	SOLE	1	103,129	0	0
SITONE LANDSCAPE SUPPLY INC	COM	82982L103	4,372	25,605	SH	SOLE	1	25,605	0	0
SITIME CORP	COM	82982T106	673	6,827	SH	SOLE	1	6,827	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	6,384	137,380	SH	SOLE	1	137,380	0	0
SJW GROUP	COM	784305104	969	15,380	SH	SOLE	1	15,380	0	0
SKECHERS USA INC CL A	CL A	830566105	10,334	247,752	SH	SOLE	1	247,752	0	0
SKYLINE CHAMPION CORP	COM	830830105	1,387	30,648	SH	SOLE	1	30,648	0	0
SKYWEST INC	COM	830879102	1,794	32,921	SH	SOLE	1	32,921	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	11,374	61,992	SH	SOLE	1	61,992	0	0
SL GREEN REALTY CORP	COM	78440X804	8,797	125,692	SH	SOLE	1	125,692	0	0
SLACK TECHNOLOGIES INC CL A	CL A	83088V102	452	11,114	SH	SOLE	1	11,114	0	0
SLEEP NUMBER CORP	COM	83125X103	2,567	17,892	SH	SOLE	1	17,892	0	0
SLM CORP	COM	78442P106	10,939	608,745	SH	SOLE	1	608,745	0	0
SM ENERGY CO	COM	78454L100	1,234	75,389	SH	SOLE	1	75,389	0	0
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	446	9,686	SH	SOLE	1	9,686	0	0
SMARTFINANCIAL INC	COM	83190L208	177	8,165	SH	SOLE	1	8,165	0	0
SMARTSHEET INC CLASS A	COM	83200N103	162	2,538	SH	SOLE	1	2,538	0	0
SMITH (A.O.) CORP	COM	831865209	2,816	41,656	SH	SOLE	1	41,656	0	0
SMITH & WESSON BRANDS INC	COM	831754106	563	32,286	SH	SOLE	1	32,286	0	0
SMITH MICRO SOFTWARE INC	COM	832154207	110	19,957	SH	SOLE	1	19,957	0	0
SNAP ON INC	COM	833034101	24,207	104,912	SH	SOLE	1	104,912	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	27,007	93,958	SH	SOLE	1	93,958	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	206	16,790	SH	SOLE	1	16,790	0	0
SOLARWINDS CORP	COM	83417Q105	10	557	SH	SOLE	1	557	0	0
SOLENO THERAPEUTICS INC	COM	834203200	44	34,715	SH	SOLE	1	34,715	0	0
SOLID BIOSCIENCES INC	COM	83422E105	91	16,387	SH	SOLE	1	16,387	0	0
SOLITON INC	COM	834251100	71	4,052	SH	SOLE	1	4,052	0	0

SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	771	15,555	SH	SOLE	1	15,555	0	0
SONOCO PRODUCTS CO	COM	835495102	11,525	182,070	SH	SOLE	1	182,070	0	0
SONOS INC	COM	83570H108	2,627	70,118	SH	SOLE	1	70,118	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	1,206	145,879	SH	SOLE	1	145,879	0	0
SOTERA HEALTH CO	COM	83601L102	34	1,371	SH	SOLE	1	1,371	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	1,516	67,151	SH	SOLE	1	67,151	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	140	6,174	SH	SOLE	1	6,174	0	0
SOUTH STATE CORP	COM	840441109	3,203	40,791	SH	SOLE	1	40,791	0	0
SOUTHERN CO/THE	COM	842587107	19,432	312,611	SH	SOLE	1	312,611	0	0
SOUTHERN COPPER CORP	COM	84265V105	84	1,232	SH	SOLE	1	1,232	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	198	4,228	SH	SOLE	1	4,228	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	174	4,420	SH	SOLE	1	4,420	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	809	21,020	SH	SOLE	1	21,020	0	0
SOUTHWEST AIRLINES CO	COM	844741108	15,161	248,302	SH	SOLE	1	248,302	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	9,359	136,213	SH	SOLE	1	136,213	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	2,004	431,061	SH	SOLE	1	431,061	0	0
SP PLUS CORP	COM	78469C103	440	13,415	SH	SOLE	1	13,415	0	0
SPARK ENERGY INC CLASS A	COM	846511103	75	6,982	SH	SOLE	1	6,982	0	0
SPARTANNASH CO	COM	847215100	465	23,698	SH	SOLE	1	23,698	0	0
SPDR GOLD	ETF	78463V107	55,986	350	SH	SOLE		350	0	0
SPDR PORTFOLIO S&P 500 GROWTH	PRTFLO S&P500 GW	78464A409	12,407	219,974	SH	SOLE	1	219,974	0	0
SPDR PTF DEV WORLD EX-US	ETF	78463X889	163,717	4,630	SH	SOLE		4,630	0	0
SPDR PTF S&P 1500 CSM	ETF	78464A805	357,119	7,260	SH	SOLE		7,260	0	0
SPDR S&P 500 ETF	ETF	78462F103	198,165	500	SH	SOLE		500	0	0
SPDR S&P MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	8,045	16,900	SH	SOLE	1	16,900	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	43	502	SH	SOLE	1	502	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	314	96,195	SH	SOLE	1	96,195	0	0
SPERO THERAPEUTICS INC	COM	84833T103	175	11,916	SH	SOLE	1	11,916	0	0
SPIRE INC	COM	84857L101	9,035	122,278	SH	SOLE	1	122,278	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	61	1,254	SH	SOLE	1	1,254	0	0
SPIRIT AIRLINES INC	COM	848577102	2,112	57,224	SH	SOLE	1	57,224	0	0
SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	168	7,518	SH	SOLE	1	7,518	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	8,846	208,149	SH	SOLE	1	208,149	0	0
SPLUNK INC	COM	848637104	1,867	13,779	SH	SOLE	1	13,779	0	0
SPOK HOLDINGS INC	COM	84863T106	124	11,795	SH	SOLE	1	11,795	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	430	24,934	SH	SOLE	1	24,934	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	806	3,008	SH	SOLE	1	3,008	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	1,030	14,005	SH	SOLE	1	14,005	0	0
SPROUT SOCIAL INC CLASS A	CL A	85209W109	938	16,242	SH	SOLE	1	16,242	0	0

SPROUTS FARMERS MARKET INC	COM	85208M102	5,718	214,797	SH	SOLE	1	214,797	0	0
SPRUCE BIOSCIENCES INC	COM	85209E109	67	4,060	SH	SOLE	1	4,060	0	0
SPS COMMERCE INC	COM	78463M107	3,178	31,999	SH	SOLE	1	31,999	0	0
SPX CORP	COM	784635104	1,678	28,804	SH	SOLE	1	28,804	0	0
SPX FLOW INC	COM	78469X107	1,793	28,307	SH	SOLE	1	28,307	0	0
SQZ BIOTECHNOLOGIES	COM	78472W104	34,435	2,517,173	SH	SOLE	2	2,517,173	0	0
SQZ BIOTECHNOLOGIES CO	COM	78472W104	41	3,013	SH	SOLE	1	3,013	0	0
SS&C TECHNOLOGIES HOLDINGS	COM	78467J100	222	3,180	SH	SOLE	1	3,180	0	0
ST JOE CO/THE	COM	790148100	933	21,749	SH	SOLE	1	21,749	0	0
STAAR SURGICAL CO	COM	852312305	11,651	110,530	SH	SOLE	1	110,530	0	0
STAG INDUSTRIAL INC	COM	85254J102	3,247	96,604	SH	SOLE	1	96,604	0	0
STAMPS.COM INC	COM	852857200	2,620	13,134	SH	SOLE	1	13,134	0	0
STANDARD AVB FINANCIAL CORP	COM	85303B100	75	2,305	SH	SOLE	1	2,305	0	0
STANDARD MOTOR PRODS	COM	853666105	581	13,963	SH	SOLE	1	13,963	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	783	8,193	SH	SOLE	1	8,193	0	0
STANLEY BLACK & DECKER INC	COM	854502101	10,665	53,414	SH	SOLE	1	53,414	0	0
STARBUCKS CORP	COM	855244109	53,162	486,519	SH	SOLE	1	486,519	0	0
STARTEK INC	COM	85569C107	81	10,171	SH	SOLE	1	10,171	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	81	3,270	SH	SOLE	1	3,270	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	202	10,233	SH	SOLE	1	10,233	0	0
STATE STREET CORP	COM	857477103	11,495	136,823	SH	SOLE	1	136,823	0	0
STEEL DYNAMICS INC	COM	858119100	20,618	406,181	SH	SOLE	1	406,181	0	0
STEELCASE INC CL A	CL A	858155203	724	50,288	SH	SOLE	1	50,288	0	0
STEPAN CO	COM	858586100	1,822	14,331	SH	SOLE	1	14,331	0	0
STEPSTONE GROUP INC CLASS A	CL A	85914M107	400	11,327	SH	SOLE	1	11,327	0	0
STEREOTAXIS INC	COM	85916J409	173	25,763	SH	SOLE	1	25,763	0	0
STERICYCLE INC	COM	858912108	11,208	166,014	SH	SOLE	1	166,014	0	0
STERIS PLC	COM	G8473T100	5,908	31,014	SH	SOLE	1	31,014	0	0
STERLING BANCORP INC/MI	COM	85917W102	54	9,538	SH	SOLE	1	9,538	0	0
STERLING BANCORP/DE	COM	85917A100	8,071	350,596	SH	SOLE	1	350,596	0	0
STERLING CONSTRUCTION CO	COM	859241101	374	16,116	SH	SOLE	1	16,116	0	0
STEVEN MADDEN LTD	COM	556269108	2,029	54,456	SH	SOLE	1	54,456	0	0
STEWART INFORMATION SERVICES	COM	860372101	915	17,577	SH	SOLE	1	17,577	0	0
STIFEL FINANCIAL CORP	COM	860630102	15,839	247,248	SH	SOLE	1	247,248	0	0
STITCH FIX INC CLASS A	COM	860897107	1,707	34,452	SH	SOLE	1	34,452	0	0
STOCK YARDS BANCORP INC	COM	861025104	608	11,913	SH	SOLE	1	11,913	0	0
STOKE THERAPEUTICS INC	COM	86150R107	307	7,906	SH	SOLE	1	7,906	0	0
STONECO LTD A	CL A	G85158106	277	4,523	SH	SOLE	1	4,523	0	0
STONERIDGE INC	COM	86183P102	482	15,151	SH	SOLE	1	15,151	0	0
STONEX GROUP INC	COM	861896108	725	11,091	SH	SOLE	1	11,091	0	0
STORE CAPITAL CORP	COM	862121100	14,682	438,271	SH	SOLE	1	438,271	0	0
STRATEGIC EDUCATION INC	COM	86272C103	5,332	58,011	SH	SOLE	1	58,011	0	0
STRATUS PROPERTIES INC	COM	863167201	105	3,428	SH	SOLE	1	3,428	0	0

STRIDE INC	COM	86333M108	710	23,578	SH	SOLE	1	23,578	0	0
STRONGBRIDGE BIOPHARMA PLC	COM	G85347105	71	25,659	SH	SOLE	1	25,659	0	0
STRYKER CORP	COM	863667101	28,247	115,966	SH	SOLE	1	115,966	0	0
STURM RUGER & CO INC	COM	864159108	746	11,287	SH	SOLE	1	11,287	0	0
SUBURBAN PROPANE PARTNERS COM UNT	COM	864482104	1,630	110	SH	SOLE		110	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	175	6,580	SH	SOLE	1	6,580	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	702	69,055	SH	SOLE	1	69,055	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	1,872	66,819	SH	SOLE	1	66,819	0	0
SUMO LOGIC INC	COM	86646P103	158	8,400	SH	SOLE	1	8,400	0	0
SUN COMMUNITIES INC	COM	866674104	306	2,039	SH	SOLE	1	2,039	0	0
SUNCOKE ENERGY INC	COM	86722A103	387	55,276	SH	SOLE	1	55,276	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	1,331	32,607	SH	SOLE	1	32,607	0	0
SUNPOWER CORP	COM	867652406	1,492	44,595	SH	SOLE	1	44,595	0	0
SUNRUN INC	COM	86771W105	23,287	385,044	SH	SOLE	1	385,044	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,561	125,307	SH	SOLE	1	125,307	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	986	25,245	SH	SOLE	1	25,245	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	159	6,263	SH	SOLE	1	6,263	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	859	32,830	SH	SOLE	1	32,830	0	0
SURGALIGN HOLDINGS INC	COM	86882C105	126	57,860	SH	SOLE	1	57,860	0	0
SURGERY PARTNERS INC	COM	86881A100	667	15,065	SH	SOLE	1	15,065	0	0
SURMODICS INC	COM	868873100	501	8,942	SH	SOLE	1	8,942	0	0
SUTRO BIOPHARMA INC	COM	869367102	431	18,943	SH	SOLE	1	18,943	0	0
SVB FINANCIAL GROUP	COM	78486Q101	9,852	19,958	SH	SOLE	1	19,958	0	0
SVMK INC	COM	78489X103	1,311	71,586	SH	SOLE	1	71,586	0	0
SWITCH INC A	COM	87105L104	32	1,980	SH	SOLE	1	1,980	0	0
SWK HOLDINGS CORP	COM	78501P203	30	2,069	SH	SOLE	1	2,069	0	0
SYKES ENTERPRISES INC	COM	871237103	1,126	25,549	SH	SOLE	1	25,549	0	0
SYNAPTICS INC	COM	87157D109	11,273	83,248	SH	SOLE	1	83,248	0	0
SYNCHRONOSS TECHNOLOGIES INC	COM	87157B103	82	23,013	SH	SOLE	1	23,013	0	0
SYNCHRONY FINANCIAL	COM	87165B103	6,817	167,668	SH	SOLE	1	167,668	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	405	18,126	SH	SOLE	1	18,126	0	0
SYNEOS HEALTH INC	COM	87166B102	11,368	149,871	SH	SOLE	1	149,871	0	0
SYNNEX CORP	COM	87162W100	10,038	87,412	SH	SOLE	1	87,412	0	0
SYNOPSYS INC	COM	871607107	18,741	75,637	SH	SOLE	1	75,637	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	12,323	269,350	SH	SOLE	1	269,350	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	206	27,502	SH	SOLE	1	27,502	0	0
SYSCO CORP	COM	871829107	11,891	151,011	SH	SOLE	1	151,011	0	0
SYSTEMAX INC	COM	871851101	297	7,231	SH	SOLE	1	7,231	0	0
T MOBILE US INC	COM	872590104	31,942	254,947	SH	SOLE	1	254,947	0	0
T ROWE PRICE GROUP INC	COM	74144T108	19,894	115,934	SH	SOLE	1	115,934	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	655	14,218	SH	SOLE	1	14,218	0	0

TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	672	12,324	SH	SOLE	1	12,324	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	8,219	46,512	SH	SOLE	1	46,512	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	286	5,319	SH	SOLE	1	5,319	0	0
TALIS BIOMEDICAL CORP	COM	87424L108	99	7,715	SH	SOLE	1	7,715	0	0
TALOS ENERGY INC	COM	87484T108	128	10,632	SH	SOLE	1	10,632	0	0
TANDEM DIABETES CARE INC	COM	875372203	114	1,288	SH	SOLE	1	1,288	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	916	60,563	SH	SOLE	1	60,563	0	0
TAPESTRY INC	COM	876030107	3,524	85,511	SH	SOLE	1	85,511	0	0
TARGA RESOURCES CORP	COM	87612G101	1,247	39,284	SH	SOLE	1	39,284	0	0
TARGET CORP	COM	87612E106	34,251	172,925	SH	SOLE	1	172,925	0	0
TARGET HOSPITALITY CORP	COM	87615L107	43	17,071	SH	SOLE	1	17,071	0	0
TARSUS PHARMACEUTICALS INC	COM	87650L103	117	3,626	SH	SOLE	1	3,626	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	9,413	305,508	SH	SOLE	1	305,508	0	0
TAYSHA GENE THERAPIES INC	COM	877619106	103	5,059	SH	SOLE	1	5,059	0	0
TCF FINANCIAL CORP	COM	872307103	12,848	276,536	SH	SOLE	1	276,536	0	0
TCR2 THERAPEUTICS INC	COM	87808K106	372	16,870	SH	SOLE	1	16,870	0	0
TE CONNECTIVITY LTD	COM	H84989104	13,648	105,705	SH	SOLE	1	105,705	0	0
TEAM INC	COM	878155100	231	20,032	SH	SOLE	1	20,032	0	0
TECHTARGET	COM	87874R100	1,100	15,841	SH	SOLE	1	15,841	0	0
TEGNA INC	COM	87901J105	10,520	558,657	SH	SOLE	1	558,657	0	0
TEJON RANCH CO	COM	879080109	204	12,201	SH	SOLE	1	12,201	0	0
TELA BIO INC	COM	872381108	60	3,999	SH	SOLE	1	3,999	0	0
TELADOC HEALTH INC	COM	87918A105	425	2,340	SH	SOLE	1	2,340	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	4,787	11,573	SH	SOLE	1	11,573	0	0
TELEFLEX INC	COM	879369106	7,355	17,704	SH	SOLE	1	17,704	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	4,144	180,492	SH	SOLE	1	180,492	0	0
TELLURIAN INC	COM	87968A104	229	97,974	SH	SOLE	1	97,974	0	0
TELOS CORPORATION	COM	87969B101	364	9,607	SH	SOLE	1	9,607	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	12,706	347,526	SH	SOLE	1	347,526	0	0
TENABLE HLDGS INC	COM	88025T102	206	5,687	SH	SOLE	2	5,687	0	0
TENABLE HOLDINGS INC	COM	88025T102	1,499	41,414	SH	SOLE	1	41,414	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	107	5,201	SH	SOLE	1	5,201	0	0
TENET HEALTHCARE CORP	COM	88033G407	13,109	252,088	SH	SOLE	1	252,088	0	0
TENNANT CO	COM	880345103	974	12,192	SH	SOLE	1	12,192	0	0
TENNECO INC CLASS A	COM	880349105	319	29,744	SH	SOLE	1	29,744	0	0
TERADATA CORP	COM	88076W103	7,646	198,393	SH	SOLE	1	198,393	0	0
TERADYNE INC	COM	880770102	6,662	54,748	SH	SOLE	1	54,748	0	0
TEREX CORP	COM	880779103	7,564	164,181	SH	SOLE	1	164,181	0	0
TERMINIX GLOBAL HOLDINGS INC	COM	88087E100	75	1,583	SH	SOLE	1	1,583	0	0
TERNS PHARMACEUTICALS INC	COM	880881107	112	5,075	SH	SOLE	1	5,075	0	0
TERRENO REALTY CORP	COM	88146M101	2,383	41,243	SH	SOLE	1	41,243	0	0
TERRITORIAL BANCORP	COM	88145X108	121	4,570	SH	SOLE	1	4,570	0	0

INC											
TESLA INC	COM	88160R101	202,229	302,770	SH	SOLE	1	302,770	0	0	
TETRA TECH INC	COM	88162G103	17,514	129,044	SH	SOLE	1	129,044	0	0	
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,718	148,833	SH	SOLE	1	148,833	0	0	
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	8,535	120,353	SH	SOLE	1	120,353	0	0	
TEXAS INSTRUMENTS INC	COM	882508104	272,879	1,443,879	SH	SOLE	1	1,443,879	0	0	
TEXAS ROADHOUSE INC	COM	882681109	14,977	156,106	SH	SOLE	1	156,106	0	0	
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	825	28,780	SH	SOLE	1	28,780	0	0	
TEXTRON INC	COM	883203101	3,918	69,864	SH	SOLE	1	69,864	0	0	
TFS FINANCIAL CORP	COM	87240R107	12	584	SH	SOLE	1	584	0	0	
TG THERAPEUTICS INC	COM	88322Q108	3,570	74,075	SH	SOLE	1	74,075	0	0	
THE BANK OF PRINCETON	COM	064520109	95	3,317	SH	SOLE	1	3,317	0	0	
THERAPEUTICSMD INC	COM	88338N107	263	196,562	SH	SOLE	1	196,562	0	0	
THERAVANCE BIOPHARMA INC	COM	G8807B106	555	27,188	SH	SOLE	1	27,188	0	0	
THERMO FISHER SCIENTIFIC INC	COM	883556102	66,630	145,997	SH	SOLE	1	145,997	0	0	
THERMON GROUP HOLDINGS INC	COM	88362T103	372	19,085	SH	SOLE	1	19,085	0	0	
THOR INDUSTRIES INC	COM	885160101	13,516	100,310	SH	SOLE	1	100,310	0	0	
THOR INDUSTRIES ORD	COM	885160101	40,422	300	SH	SOLE		300	0	0	
TIDEWATER INC	COM	88642R109	295	23,552	SH	SOLE	1	23,552	0	0	
TIDEWATER INC NEW	COM	88642R109	29,336	2,341,223	SH	SOLE	2	2,341,223	0	0	
TILLY S INC CLASS A SHRS	COM	886885102	146	12,932	SH	SOLE	1	12,932	0	0	
TIMBERLAND BANCORP INC	COM	887098101	121	4,339	SH	SOLE	1	4,339	0	0	
TIMKEN CO	COM	887389104	10,019	123,429	SH	SOLE	1	123,429	0	0	
TIMKENSTEEL CORP	COM	887399103	345	29,360	SH	SOLE	1	29,360	0	0	
TIPTREE INC	COM	88822Q103	128	14,264	SH	SOLE	1	14,264	0	0	
TITAN INTERNATIONAL INC	COM	88830M102	39	4,187	SH	SOLE	1	4,187	0	0	
TITAN MACHINERY INC	COM	88830R101	286	11,218	SH	SOLE	1	11,218	0	0	
TIVITY HEALTH INC	COM	88870R102	634	28,402	SH	SOLE	1	28,402	0	0	
TJX COMPANIES INC	COM	872540109	27,007	408,275	SH	SOLE	1	408,275	0	0	
TOLL BROTHERS INC	COM	889478103	11,519	203,051	SH	SOLE	1	203,051	0	0	
TOMPKINS FINANCIAL CORP	COM	890110109	774	9,360	SH	SOLE	1	9,360	0	0	
TOOTSIE ROLL INDS	COM	890516107	1,380	41,643	SH	SOLE	1	41,643	0	0	
TOPBUILD CORP	COM	89055F103	17,140	81,840	SH	SOLE	1	81,840	0	0	
TORO CO	COM	891092108	20,219	196,032	SH	SOLE	1	196,032	0	0	
TOWNE BANK	COM	89214P109	1,186	39,020	SH	SOLE	1	39,020	0	0	
TPG RE FINANCE TRUST INC	COM	87266M107	392	34,975	SH	SOLE	1	34,975	0	0	
TPI COMPOSITES INC	COM	87266J104	1,011	17,914	SH	SOLE	1	17,914	0	0	
TRACTOR SUPPLY COMPANY	COM	892356106	6,765	38,202	SH	SOLE	1	38,202	0	0	
TRADE DESK INC/THE CLASS A	COM	88339J105	604	927	SH	SOLE	1	927	0	0	
TRADEWEB MARKETS INC CLASS A	CL A	892672106	129	1,746	SH	SOLE	1	1,746	0	0	
TRANE TECHNOLOGIES PLC	PLC SHS	G8994E103	14,921	90,124	SH	SOLE	1	90,124	0	0	
TRANSCAT INC	COM	893529107	199	4,052	SH	SOLE	1	4,052	0	0	
TRANSCONTINENTAL REALTY INV	COM	893617209	17	790	SH	SOLE	1	790	0	0	
TRANSDIGM GROUP INC	COM	893641100	10,156	17,274	SH	SOLE	1	17,274	0	0	

TRANSLATE BIO INC	COM	89374L104	655	39,727	SH	SOLE	1	39,727	0	0
TRANSMEDICS GROUP INC	COM	89377M109	608	14,654	SH	SOLE	1	14,654	0	0
TRANSOCEAN LTD	COM	H8817H100	1,210	340,849	SH	SOLE	1	340,849	0	0
TRANSUNION	COM	89400J107	368	4,085	SH	SOLE	1	4,085	0	0
TRAVEL LEISURE CO	COM	894164102	9,523	155,704	SH	SOLE	1	155,704	0	0
TRAVELERS COS INC/THE	COM	89417E109	32,245	214,397	SH	SOLE	1	214,397	0	0
TRAVERE THERAPEUTICS INC	COM	89422G107	805	32,248	SH	SOLE	1	32,248	0	0
TREAN INSURANCE GROUP INC	COM	89457R101	111	6,855	SH	SOLE	1	6,855	0	0
TRECORA RESOURCES	COM	894648104	109	14,081	SH	SOLE	1	14,081	0	0
TREDEGAR CORP	COM	894650100	261	17,384	SH	SOLE	1	17,384	0	0
TREEHOUSE FOODS INC	COM	89469A104	5,291	101,292	SH	SOLE	1	101,292	0	0
TREX COMPANY INC	COM	89531P105	19,321	211,065	SH	SOLE	1	211,065	0	0
TRI POINTE HOMES INC	COM	87265H109	6,799	333,943	SH	SOLE	1	333,943	0	0
TRIBUNE PUBLISHING CO	COM	89609W107	164	9,098	SH	SOLE	1	9,098	0	0
TRICIDA INC	COM	89610F101	87	16,479	SH	SOLE	1	16,479	0	0
TRICO BANCSHARES	COM	896095106	730	15,410	SH	SOLE	1	15,410	0	0
TRIMAS CORP	COM	896215209	726	23,959	SH	SOLE	1	23,959	0	0
TRIMBLE INC	COM	896239100	6,210	79,825	SH	SOLE	1	79,825	0	0
TRINET GROUP INC	COM	896288107	1,872	24,007	SH	SOLE	1	24,007	0	0
TRINITY INDUSTRIES INC	COM	896522109	4,242	148,889	SH	SOLE	1	148,889	0	0
TRINSEO SA	COM	L9340P101	1,624	25,499	SH	SOLE	1	25,499	0	0
TRIP.COM GROUP LTD ADR	ADS	89677Q107	1,569	39,584	SH	SOLE	1	39,584	0	0
TRIPADVISOR INC	COM	896945201	9,400	174,755	SH	SOLE	1	174,755	0	0
TRIPLE S MANAGEMENT CORP B	COM	896749108	344	13,214	SH	SOLE	1	13,214	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	371	16,073	SH	SOLE	1	16,073	0	0
TRITON INTERNATIONAL LTD	COM	G9078F107	1,937	35,225	SH	SOLE	1	35,225	0	0
TRIUMPH BANCORP INC	COM	89679E300	1,169	15,104	SH	SOLE	1	15,104	0	0
TRIUMPH GROUP INC	COM	896818101	632	34,360	SH	SOLE	1	34,360	0	0
TRONOX HOLDINGS PLC A	COM	G9087Q102	1,160	63,409	SH	SOLE	1	63,409	0	0
TRUEBLUE INC	COM	89785X101	516	23,424	SH	SOLE	1	23,424	0	0
TRUECAR INC	COM	89785L107	287	59,976	SH	SOLE	1	59,976	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	29,150	499,832	SH	SOLE	1	499,832	0	0
TRUPANION INC	COM	898202106	1,548	20,316	SH	SOLE	1	20,316	0	0
TRUSTCO BANK CORP NY	COM	898349105	466	63,221	SH	SOLE	1	63,221	0	0
TRUSTMARK CORP	COM	898402102	5,078	150,876	SH	SOLE	1	150,876	0	0
TTEC HOLDINGS INC	COM	89854H102	1,214	12,088	SH	SOLE	1	12,088	0	0
TTM TECHNOLOGIES	COM	87305R109	964	66,499	SH	SOLE	1	66,499	0	0
TUCOWS INC CLASS A	COM	898697206	423	5,457	SH	SOLE	1	5,457	0	0
TUPPERWARE BRANDS CORP	COM	899896104	863	32,677	SH	SOLE	1	32,677	0	0
TURNING POINT BRANDS INC	COM	90041L105	361	6,916	SH	SOLE	1	6,916	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	2,058	21,761	SH	SOLE	1	21,761	0	0
TURTLE BEACH CORP	COM	900450206	218	8,180	SH	SOLE	1	8,180	0	0
TUTOR PERINI CORP	COM	901109108	450	23,772	SH	SOLE	1	23,772	0	0
TWILIO INC A	COM	90138F102	1,013	2,973	SH	SOLE	1	2,973	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	3,561	28,749	SH	SOLE	1	28,749	0	0
TWITTER INC	COM	90184L102	17,463	274,439	SH	SOLE	1	274,439	0	0

TWO HARBORS INVESTMENT CORP	COM	90187B408	1,170	159,664	SH	SOLE	1	159,664	0	0
TYLER TECHNOLOGIES INC	COM	902252105	5,984	14,096	SH	SOLE	1	14,096	0	0
TYME TECHNOLOGIES INC	COM	90238J103	72	40,490	SH	SOLE	1	40,490	0	0
TYSON FOODS INC CL A	CL A	902494103	24,360	327,856	SH	SOLE	1	327,856	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	881	8,460	SH	SOLE	1	8,460	0	0
UBIQUITI INC	COM	90353W103	51	172	SH	SOLE	1	172	0	0
UDR INC	COM	902653104	4,131	94,190	SH	SOLE	1	94,190	0	0
UFP INDUSTRIES INC	COM	90278Q108	3,030	39,949	SH	SOLE	1	39,949	0	0
UFP TECHNOLOGIES INC	COM	902673102	199	4,003	SH	SOLE	1	4,003	0	0
UGI CORP	COM	902681105	15,499	377,943	SH	SOLE	1	377,943	0	0
UGI ORD	COM	902681105	49,868	1,216	SH	SOLE	1	1,216	0	0
ULTA BEAUTY INC	COM	90384S303	5,606	18,132	SH	SOLE	1	18,132	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	1,553	26,754	SH	SOLE	1	26,754	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	4,420	38,821	SH	SOLE	1	38,821	0	0
ULTRALIFE CORP	COM	903899102	44	5,298	SH	SOLE	1	5,298	0	0
UMB FINANCIAL CORP	COM	902788108	9,555	103,490	SH	SOLE	1	103,490	0	0
UMH PROPERTIES INC	COM	903002103	415	21,645	SH	SOLE	1	21,645	0	0
UMPQUA HOLDINGS CORP	COM	904214103	8,803	501,603	SH	SOLE	1	501,603	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	1,287	58,058	SH	SOLE	1	58,058	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	1,108	60,009	SH	SOLE	1	60,009	0	0
UNIFI INC	COM	904677200	255	9,246	SH	SOLE	1	9,246	0	0
UNIFIRST CORP/MA	COM	904708104	2,249	10,055	SH	SOLE	1	10,055	0	0
UNION PACIFIC CORP	COM	907818108	48,150	218,455	SH	SOLE	1	218,455	0	0
UNISYS CORP	COM	909214306	1,050	41,300	SH	SOLE	1	41,300	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	6,794	118,070	SH	SOLE	1	118,070	0	0
UNITED BANKSHARES INC	COM	909907107	11,742	304,360	SH	SOLE	1	304,360	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,799	52,732	SH	SOLE	1	52,732	0	0
UNITED FIRE GROUP INC	COM	910340108	488	14,011	SH	SOLE	1	14,011	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	98	13,577	SH	SOLE	1	13,577	0	0
UNITED NATURAL FOODS INC	COM	911163103	1,228	37,290	SH	SOLE	1	37,290	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	42,976	252,815	SH	SOLE	1	252,815	0	0
UNITED RENTALS INC	COM	911363109	7,774	23,606	SH	SOLE	1	23,606	0	0
UNITED SECURITY BANCSHARE/CA	COM	911460103	64	7,847	SH	SOLE	1	7,847	0	0
UNITED STATES LIME & MINERAL	COM	911922102	156	1,170	SH	SOLE	1	1,170	0	0
UNITED STATES STEEL CORP	COM	912909108	16,346	624,591	SH	SOLE	1	624,591	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	13,500	80,710	SH	SOLE	1	80,710	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	105,948	284,752	SH	SOLE	1	284,752	0	0
UNITI GROUP INC	COM	91325V108	1,456	132,003	SH	SOLE	1	132,003	0	0
UNITIL CORP	COM	913259107	393	8,602	SH	SOLE	1	8,602	0	0
UNITY BANCORP INC	COM	913290102	97	4,429	SH	SOLE	1	4,429	0	0
UNITY BIOTECHNOLOGY INC	COM	91381U101	124	20,651	SH	SOLE	1	20,651	0	0



UNITY SOFTWARE INC	COM	91332U101	60	602	SH	SOLE	1	602	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	6,611	306,940	SH	SOLE	1	306,940	0	0
UNIVERSAL CORP/VA	COM	913456109	956	16,198	SH	SOLE	1	16,198	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	18,501	78,139	SH	SOLE	1	78,139	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	490	8,913	SH	SOLE	1	8,913	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	579	8,545	SH	SOLE	1	8,545	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	3,189	23,910	SH	SOLE	1	23,910	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	261	18,216	SH	SOLE	1	18,216	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	118	4,473	SH	SOLE	1	4,473	0	0
UNIVERSAL TECHNICAL INSTITUT	COM	913915104	109	18,735	SH	SOLE	1	18,735	0	0
UNIVEST FINANCIAL CORP	COM	915271100	480	16,775	SH	SOLE	1	16,775	0	0
UNUM GROUP	COM	91529Y106	1,745	62,710	SH	SOLE	1	62,710	0	0
UPLAND SOFTWARE INC	COM	91544A109	731	15,488	SH	SOLE	1	15,488	0	0
UPSTART HOLDINGS INC	COM	91680M107	25	196	SH	SOLE	1	196	0	0
UPWORK INC	COM	91688F104	2,421	54,067	SH	SOLE	1	54,067	0	0
URANIUM ENERGY CORP	COM	916896103	325	113,639	SH	SOLE	1	113,639	0	0
URBAN EDGE PROPERTIES	COM	91704F104	4,389	265,678	SH	SOLE	1	265,678	0	0
URBAN OUTFITTERS INC	COM	917047102	6,078	163,444	SH	SOLE	1	163,444	0	0
UROGEN PHARMA LTD	COM	M96088105	220	11,296	SH	SOLE	1	11,296	0	0
URSTADT BIDDLE CLASS A	COM	917286205	330	19,835	SH	SOLE	1	19,835	0	0
US BANCORP	COM	902973304	29,503	533,408	SH	SOLE	1	533,408	0	0
US CELLULAR CORP	COM	911684108	6	174	SH	SOLE	1	174	0	0
US CONCRETE INC	COM	90333L201	779	10,630	SH	SOLE	1	10,630	0	0
US ECOLOGY INC	COM	91734M103	875	21,009	SH	SOLE	1	21,009	0	0
US FOODS HOLDING CORP	COM	912008109	100	2,629	SH	SOLE	1	2,629	0	0
US SILICA HOLDINGS INC	COM	90346E103	604	49,148	SH	SOLE	1	49,148	0	0
US XPRESS ENTERPRISES INC A	COM	90338N202	152	12,912	SH	SOLE	1	12,912	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	754	7,728	SH	SOLE	1	7,728	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	172	1,990	SH	SOLE	1	1,990	0	0
VAIL RESORTS INC	COM	91879Q109	149	512	SH	SOLE	1	512	0	0
VALERO ENERGY CORP	COM	91913Y100	12,114	169,186	SH	SOLE	1	169,186	0	0
VALLEY NATIONAL BANCORP	COM	919794107	13,224	962,466	SH	SOLE	1	962,466	0	0
VALMONT INDUSTRIES	COM	920253101	9,137	38,444	SH	SOLE	1	38,444	0	0
VALUE LINE INC	COM	920437100	17	599	SH	SOLE	1	599	0	0
VALVOLINE INC	COM	92047W101	8,571	328,782	SH	SOLE	1	328,782	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	944	62,875	SH	SOLE	1	62,875	0	0
VANGUARD EM ST I ETF	ETF	922042858	39,038	750	SH	SOLE		750	0	0
VANGUARD ENERGY IDX ETF	ETF	92204A306	64,600	950	SH	SOLE		950	0	0
VANGUARD FINL INDX ETF	ETF	92204A405	63,375	750	SH	SOLE		750	0	0
VANGUARD RE IDX ETF	ETF	922908553	137,790	1,500	SH	SOLE		1,500	0	0
VANGUARD SC G ID ETF	ETF	922908595	96,128	350	SH	SOLE		350	0	0

VANGUARD SH-TM B ETF	ETF	921937827	27,123	330	SH	SOLE		330	0	0
VANGUARD ST TRS ETF	ETF	92206C102	461,400	7,500	SH	SOLE		7,500	0	0
VANGUARD T WLDSTK ETF	ETF	922042742	9,729	100	SH	SOLE		100	0	0
VAPOTHERM INC	COM	922107107	275	11,434	SH	SOLE	1	11,434	0	0
VAREX IMAGING CORP	COM	92214X106	523	25,501	SH	SOLE	1	25,501	0	0
VARIAN MEDICAL SYSTEMS INC	COM	92220P105	5,116	28,980	SH	SOLE	1	28,980	0	0
VARONIS SYSTEMS INC	COM	922280102	3,035	59,124	SH	SOLE	1	59,124	0	0
VAXART INC	COM	92243A200	185	30,537	SH	SOLE	1	30,537	0	0
VAXCYTE INC	COM	92243G108	333	16,885	SH	SOLE	1	16,885	0	0
VBI VACCINES INC	COM	91822J103	327	105,029	SH	SOLE	1	105,029	0	0
VECTOR GROUP LTD	COM	92240M108	1,701	121,931	SH	SOLE	1	121,931	0	0
VECTRUS INC	COM	92242T101	357	6,673	SH	SOLE	1	6,673	0	0
VEECO INSTRUMENTS INC	COM	922417100	674	32,488	SH	SOLE	1	32,488	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	793	3,035	SH	SOLE	1	3,035	0	0
VENTAS INC	COM	92276F100	6,151	115,315	SH	SOLE	1	115,315	0	0
VENUS CONCEPT INC	COM	92332W105	35	14,812	SH	SOLE	1	14,812	0	0
VERA BRADLEY INC	COM	92335C106	139	13,781	SH	SOLE	1	13,781	0	0
VERACYTE INC	COM	92337F107	2,076	38,626	SH	SOLE	1	38,626	0	0
VERASTEM INC	COM	92337C104	246	99,433	SH	SOLE	1	99,433	0	0
VEREIT INC	COM	92339V308	218	5,635	SH	SOLE	1	5,635	0	0
VERICEL CORP	COM	92346J108	1,684	30,321	SH	SOLE	1	30,321	0	0
VERICITY INC	COM	92347D100	11	1,083	SH	SOLE	1	1,083	0	0
VERINT SYSTEMS INC	COM	92343X100	1,722	37,847	SH	SOLE	1	37,847	0	0
VERISIGN INC	COM	92343E102	8,658	43,559	SH	SOLE	1	43,559	0	0
VERISK ANALYTICS INC	COM	92345Y106	14,268	80,752	SH	SOLE	1	80,752	0	0
VERITEX HOLDINGS INC	COM	923451108	1,039	31,762	SH	SOLE	1	31,762	0	0
VERITIV CORP	COM	923454102	399	9,370	SH	SOLE	1	9,370	0	0
VERITONE INC	COM	92347M100	369	15,400	SH	SOLE	1	15,400	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	255,906	4,400,795	SH	SOLE	1	4,400,795	0	0
VERRA MOBILITY CORP	COM	92511U102	1,055	77,942	SH	SOLE	1	77,942	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	110	7,250	SH	SOLE	1	7,250	0	0
VERSO CORP A	COM	92531L207	266	18,255	SH	SOLE	1	18,255	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	25,210	117,314	SH	SOLE	1	117,314	0	0
VERTIV HOLDINGS CO	CL A	92537N108	107	5,325	SH	SOLE	1	5,325	0	0
VERU INC	COM	92536C103	343	31,869	SH	SOLE	1	31,869	0	0
VF CORP	COM	918204108	9,704	121,424	SH	SOLE	1	121,424	0	0
VIACOMCBS INC CLASS A	CL A	92556H107	6	129	SH	SOLE	1	129	0	0
VIACOMCBS INC CLASS B	CL B	92556H206	8,143	180,557	SH	SOLE	1	180,557	0	0
VIAD CORP	COM	92552R406	562	13,463	SH	SOLE	1	13,463	0	0
VIAANT TECHNOLOGY INC A	CL A	92557A101	331	6,260	SH	SOLE	1	6,260	0	0
VIASAT INC	COM	92552V100	5,666	117,870	SH	SOLE	1	117,870	0	0
VIATRIS INC	COM	92556V106	5,191	371,576	SH	SOLE	1	371,576	0	0
VIAVI SOLUTIONS INC	COM	925550105	2,390	152,204	SH	SOLE	1	152,204	0	0
VICI PROPERTIES INC	COM	925652109	303	10,712	SH	SOLE	1	10,712	0	0
VICOR CORP	COM	925815102	1,106	13,003	SH	SOLE	1	13,003	0	0
VIDLER WATER RESOURCES INC	COM	92660E107	86	9,718	SH	SOLE	1	9,718	0	0
VIEMED HEALTHCARE INC	COM	92663R105	206	20,346	SH	SOLE	1	20,346	0	0

VIEWRAY INC	COM	92672L107	306	70,426	SH	SOLE	1	70,426	0	0
VIKING THERAPEUTICS INC	COM	92686J106	242	38,215	SH	SOLE	1	38,215	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	118	4,999	SH	SOLE	1	4,999	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	183	6,113	SH	SOLE	1	6,113	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	1,601	31,227	SH	SOLE	1	31,227	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	43	1,403	SH	SOLE	1	1,403	0	0
VIRNETX HOLDING CORP	COM	92823T108	206	36,896	SH	SOLE	1	36,896	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	42	1,349	SH	SOLE	1	1,349	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	1,140	4,842	SH	SOLE	1	4,842	0	0
VISA INC CLASS A SHARES	COM	92826C839	127,022	599,926	SH	SOLE	1	599,926	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	8,966	372,337	SH	SOLE	1	372,337	0	0
VISHAY PRECISION GROUP	COM	92835K103	223	7,244	SH	SOLE	1	7,244	0	0
VISTA OUTDOOR INC	COM	928377100	1,246	38,846	SH	SOLE	1	38,846	0	0
VISTEON CORP	COM	92839U206	8,099	66,412	SH	SOLE	1	66,412	0	0
VISTRA CORP	COM	92840M102	103	5,839	SH	SOLE	1	5,839	0	0
VITAL FARMS INC	COM	92847W103	305	13,944	SH	SOLE	1	13,944	0	0
VIVINT SMART HOME INC	CL A	928542109	667	46,582	SH	SOLE	1	46,582	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	720	18,728	SH	SOLE	1	18,728	0	0
VOLITIONRX LTD	COM	928661107	65	17,247	SH	SOLE	1	17,247	0	0
VONAGE HOLDINGS CORP	COM	92886T201	1,845	156,085	SH	SOLE	1	156,085	0	0
VONTIER CORP	COM	928881101	9,240	305,258	SH	SOLE	1	305,258	0	0
VOR BIOPHARMA INC	COM	929033108	287	6,650	SH	SOLE	1	6,650	0	0
VORNADO REALTY TRUST	COM	929042109	2,335	51,434	SH	SOLE	1	51,434	0	0
VOXX INTERNATIONAL CORP	CL A	91829F104	220	11,558	SH	SOLE	1	11,558	0	0
VOYA FINANCIAL INC	COM	929089100	94	1,478	SH	SOLE	1	1,478	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	71	15,062	SH	SOLE	1	15,062	0	0
VROOM INC	COM	92918V109	81	2,088	SH	SOLE	1	2,088	0	0
VSE CORP	COM	918284100	231	5,851	SH	SOLE	1	5,851	0	0
VTV THERAPEUTICS INC CL A	CL A	918385105	19	6,907	SH	SOLE	1	6,907	0	0
VULCAN MATERIALS CO	COM	929160109	6,982	41,373	SH	SOLE	1	41,373	0	0
VYNE THERAPEUTICS INC	COM	92941V209	145	21,157	SH	SOLE	1	21,157	0	0
W&T OFFSHORE INC	COM	92922P106	197	54,950	SH	SOLE	1	54,950	0	0
WABASH NATIONAL CORP	COM	929566107	661	35,153	SH	SOLE	1	35,153	0	0
WABTEC CORP	COM	929740108	5,818	73,500	SH	SOLE	1	73,500	0	0
WADDELL & REED FINANCIAL A	COM	930059100	1,026	40,962	SH	SOLE	1	40,962	0	0
WAITR HOLDINGS INC	COM	930752100	143	48,783	SH	SOLE	1	48,783	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	246,923	4,497,693	SH	SOLE	1	4,497,693	0	0
WALKER & DUNLOP INC	COM	93148P102	1,944	18,925	SH	SOLE	1	18,925	0	0
WALMART INC	COM	931142103	58,358	429,638	SH	SOLE	1	429,638	0	0
WALT DISNEY CO/THE	COM	254687106	116,123	629,323	SH	SOLE	1	629,323	0	0
WARRIOR MET COAL	COM	93627C101	587	34,239	SH	SOLE	1	34,239	0	0

INC										
WASHINGTON FEDERAL INC	COM	938824109	5,468	177,545	SH	SOLE	1	177,545	0	0
WASHINGTON REIT	COM	939653101	1,245	56,343	SH	SOLE	1	56,343	0	0
WASHINGTON TRUST BANCORP	COM	940610108	513	9,944	SH	SOLE	1	9,944	0	0
WASTE MANAGEMENT INC	COM	94106L109	18,189	140,978	SH	SOLE	1	140,978	0	0
WATERS CORP	COM	941848103	5,632	19,818	SH	SOLE	1	19,818	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	259	12,675	SH	SOLE	1	12,675	0	0
WATFORD HOLDINGS LTD	COM	G94787101	346	9,984	SH	SOLE	1	9,984	0	0
WATSCO INC	COM	942622200	15,531	59,563	SH	SOLE	1	59,563	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	2,168	18,251	SH	SOLE	1	18,251	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	107	19,104	SH	SOLE	1	19,104	0	0
WAYFAIR INC CLASS A	COM	94419L101	480	1,524	SH	SOLE	1	1,524	0	0
WD 40 CO	COM	929236107	2,782	9,087	SH	SOLE	1	9,087	0	0
WEBSTER FINANCIAL CORP	COM	947890109	9,017	163,618	SH	SOLE	1	163,618	0	0
WEC ENERGY GROUP INC	COM	92939U106	14,019	149,793	SH	SOLE	1	149,793	0	0
WEIBO CORP SPON ADR	ADR	948596101	35	688	SH	SOLE	1	688	0	0
WEINGARTEN REALTY INVESTORS	COM	948741103	5,856	217,629	SH	SOLE	1	217,629	0	0
WEIS MARKETS INC	COM	948849104	315	5,566	SH	SOLE	1	5,566	0	0
WELBILT INC	COM	949090104	1,235	75,998	SH	SOLE	1	75,998	0	0
WELLS FARGO & CO	COM	949746101	47,788	1,223,126	SH	SOLE	1	1,223,126	0	0
WELLTOWER INC	COM	95040Q104	9,327	130,213	SH	SOLE	1	130,213	0	0
WENDY S CO/THE	COM	95058W100	6,613	326,401	SH	SOLE	1	326,401	0	0
WERNER ENTERPRISES INC	COM	950755108	6,499	137,772	SH	SOLE	1	137,772	0	0
WESBANCO INC	COM	950810101	1,370	37,996	SH	SOLE	1	37,996	0	0
WESCO INTERNATIONAL INC	COM	95082P105	2,475	28,606	SH	SOLE	1	28,606	0	0
WEST BANCORPORATION	COM	95123P106	225	9,338	SH	SOLE	1	9,338	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	6,857	24,333	SH	SOLE	1	24,333	0	0
WESTAMERICA BANCORPORATION	COM	957090103	1,096	17,452	SH	SOLE	1	17,452	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	110	1,169	SH	SOLE	1	1,169	0	0
WESTERN ASSET MORTGAGE CAPIT	COM	95790D105	111	34,694	SH	SOLE	1	34,694	0	0
WESTERN DIGITAL CORP	COM	958102105	8,547	128,047	SH	SOLE	1	128,047	0	0
WESTERN NEW ENGLAND BANCORP	COM	958892101	111	13,112	SH	SOLE	1	13,112	0	0
WESTERN UNION CO	COM	959802109	6,015	243,906	SH	SOLE	1	243,906	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	36	406	SH	SOLE	1	406	0	0
WESTROCK CO	COM	96145D105	5,534	106,318	SH	SOLE	1	106,318	0	0
WESTWOOD HOLDINGS GROUP INC	COM	961765104	65	4,485	SH	SOLE	1	4,485	0	0
WEX INC	COM	96208T104	16,763	80,123	SH	SOLE	1	80,123	0	0
WEYCO GROUP INC	COM	962149100	76	3,513	SH	SOLE	1	3,513	0	0
WEYERHAEUSER CO	COM	962166104	9,506	267,022	SH	SOLE	1	267,022	0	0
WHIRLPOOL CORP	COM	963320106	4,568	20,729	SH	SOLE	1	20,729	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	40	36	SH	SOLE	1	36	0	0

WHITESTONE REIT	COM	966084204	257	26,539	SH	SOLE	1	26,539	0	0
WHITING PETROLEUM CORP	COM	966387508	25	700	SH	SOLE	1	700	0	0
WIDEPENWEST INC	COM	96758W101	414	30,494	SH	SOLE	1	30,494	0	0
WILEY (JOHN) & SONS CLASS A	COM	968223206	4,276	78,900	SH	SOLE	1	78,900	0	0
WILLDAN GROUP INC	COM	96924N100	247	6,009	SH	SOLE	1	6,009	0	0
WILLIAMS COS INC	COM	969457100	10,802	455,985	SH	SOLE	1	455,985	0	0
WILLIAMS SONOMA INC	COM	969904101	24,896	138,930	SH	SOLE	1	138,930	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	74	1,709	SH	SOLE	1	1,709	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	9,955	43,494	SH	SOLE	1	43,494	0	0
WILLSCOT MOBILE MINI HOLDING	COM CL A	971378104	2,802	100,964	SH	SOLE	1	100,964	0	0
WINGSTOP INC	COM	974155103	9,503	74,725	SH	SOLE	1	74,725	0	0
WINMARK CORP	COM	974250102	326	1,751	SH	SOLE	1	1,751	0	0
WINNEBAGO INDUSTRIES	COM	974637100	1,608	20,959	SH	SOLE	1	20,959	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	7,814	103,093	SH	SOLE	1	103,093	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	565	90,465	SH	SOLE	1	90,465	0	0
WIX.COM LTD	COM	M98068105	2,384	8,539	SH	SOLE	1	8,539	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	2,066	53,902	SH	SOLE	1	53,902	0	0
WOODWARD INC	COM	980745103	12,814	106,227	SH	SOLE	1	106,227	0	0
WORKDAY INC CLASS A	COM	98138H101	2,806	11,294	SH	SOLE	1	11,294	0	0
WORKHORSE GROUP INC	COM	98138J206	757	54,945	SH	SOLE	1	54,945	0	0
WORKIVA INC	COM	98139A105	2,043	23,151	SH	SOLE	1	23,151	0	0
WORLD ACCEPTANCE CORP	COM	981419104	373	2,873	SH	SOLE	1	2,873	0	0
WORLD FUEL SERVICES CORP	COM	981475106	5,282	150,067	SH	SOLE	1	150,067	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	4,621	85,166	SH	SOLE	1	85,166	0	0
WORTHINGTON INDUSTRIES	COM	981811102	6,448	96,113	SH	SOLE	1	96,113	0	0
WP CAREY INC	COM	92936U109	259	3,666	SH	SOLE	1	3,666	0	0
WR BERKLEY CORP	COM	084423102	3,249	43,121	SH	SOLE	1	43,121	0	0
WR GRACE & CO	COM	38388F108	53	883	SH	SOLE	1	883	0	0
WRAP TECHNOLOGIES INC	COM	98212N107	37	6,660	SH	SOLE	1	6,660	0	0
WSFS FINANCIAL CORP	COM	929328102	2,415	48,504	SH	SOLE	1	48,504	0	0
WW GRAINGER INC	COM	384802104	5,674	14,153	SH	SOLE	1	14,153	0	0
WW INTERNATIONAL INC	COM	98262P101	3,541	113,196	SH	SOLE	1	113,196	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	11,781	168,828	SH	SOLE	1	168,828	0	0
WYNN RESORTS LTD	COM	983134107	4,094	32,654	SH	SOLE	1	32,654	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	81	9,370	SH	SOLE	1	9,370	0	0
XBIOTECH INC	COM	98400H102	145	8,435	SH	SOLE	1	8,435	0	0
XCEL ENERGY INC	COM	98389B100	17,146	257,794	SH	SOLE	1	257,794	0	0
XENCOR INC	COM	98401F105	1,599	37,132	SH	SOLE	1	37,132	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	1,472	75,498	SH	SOLE	1	75,498	0	0
XERIS PHARMACEUTICALS INC	COM	98422L107	121	26,788	SH	SOLE	1	26,788	0	0
XEROX HOLDINGS CORP	COM	98421M106	8,520	351,035	SH	SOLE	1	351,035	0	0
XILINX INC	COM	983919101	12,612	101,789	SH	SOLE	1	101,789	0	0

XOMA CORP	COM	98419J206	145	3,545	SH	SOLE	1	3,545	0	0
XPEL INC	COM	98379L100	505	9,723	SH	SOLE	1	9,723	0	0
XPENG INC ADR	ADS	98422D105	84	2,300	SH	SOLE	1	2,300	0	0
XPERI HOLDING CORP	COM	98390M103	1,515	69,593	SH	SOLE	1	69,593	0	0
XPO LOGISTICS INC	COM	983793100	22,826	185,129	SH	SOLE	1	185,129	0	0
XYLEM INC	COM	98419M100	5,928	56,357	SH	SOLE	1	56,357	0	0
Y MABS THERAPEUTICS INC	COM	984241109	538	17,783	SH	SOLE	1	17,783	0	0
YANDEX NV A	CL A	N97284108	269	4,192	SH	SOLE	1	4,192	0	0
YELP INC	COM	985817105	6,583	168,798	SH	SOLE	1	168,798	0	0
YETI HOLDINGS INC	COM	98585X104	13,477	186,638	SH	SOLE	1	186,638	0	0
YEXT INC	COM	98585N106	888	61,346	SH	SOLE	1	61,346	0	0
YORK WATER CO	COM	987184108	371	7,570	SH	SOLE	1	7,570	0	0
YUM BRANDS INC	COM	988498101	9,748	90,105	SH	SOLE	1	90,105	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	629	10,620	SH	SOLE	1	10,620	0	0
ZAI LAB LTD ADR	ADR	98887Q104	127	953	SH	SOLE	1	953	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	8,419	17,353	SH	SOLE	1	17,353	0	0
ZENDESK INC	COM	98936J101	343	2,590	SH	SOLE	1	2,590	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	727	16,755	SH	SOLE	1	16,755	0	0
ZILLOW GROUP INC A	COM	98954M101	101	769	SH	SOLE	1	769	0	0
ZILLOW GROUP INC C	COM	98954M200	246	1,899	SH	SOLE	1	1,899	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	10,241	63,977	SH	SOLE	1	63,977	0	0
ZIONS BANCORP NA	COM	989701107	2,776	50,517	SH	SOLE	1	50,517	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	447	124,248	SH	SOLE	1	124,248	0	0
ZIX CORP	COM	98974P100	240	31,852	SH	SOLE	1	31,852	0	0
ZOETIS INC	COM	98978V103	29,567	187,750	SH	SOLE	1	187,750	0	0
ZOGENIX INC	COM	98978L204	632	32,396	SH	SOLE	1	32,396	0	0
ZOOM VIDEO COMMUNICATIONS A	CL A	98980L101	4,110	12,791	SH	SOLE	1	12,791	0	0
ZSCALER INC	COM	98980G102	278	1,621	SH	SOLE	1	1,621	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	162	5,548	SH	SOLE	1	5,548	0	0
ZUMIEZ INC	COM	989817101	598	13,930	SH	SOLE	1	13,930	0	0
ZUORA INC CLASS A	COM	98983V106	891	60,175	SH	SOLE	1	60,175	0	0
ZYNEX INC	COM	98986M103	191	12,488	SH	SOLE	1	12,488	0	0
ZYNGA INC CL A	CL A	98986T108	186	18,255	SH	SOLE	1	18,255	0	0