

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

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

Report for the Calendar Year or Quarter Ended: 06-30-2020

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 08-12-2020
[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: 3,106
Form 13F Information Table Value Total: 20,734,245
(thousands)

List of Other Included Managers:

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

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

No.	Form 13F File Number	Name
1	028-02725	SUNAMERICA ASSET MANAGEMENT, LLC
2	028-13934	AIG Asset Management (U.S.), LLC

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FORM 13F INFORMATION TABLE

OMB APPROVAL	
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COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (x\$1000)	SHRS OR PRN AMT	SH/ PRN	PUT/ CALL	INVESTMENT DISCRETION	OTHER MANAGER	SOLE	SHARED	NONE
1 800 FLOWERS.COM INC CL A	CL A	68243Q106	305	15,213	SH		SOLE	1	15,213	0	0
10X GENOMICS INC CLASS A	CL A	88025U109	133	1,488	SH		SOLE	1	1,488	0	0
1LIFE HEALTHCARE INC	COM	68269G107	474	13,048	SH		SOLE	1	13,048	0	0
1ST CONSTITUTION BANCORP	COM	31986N102	69	5,531	SH		SOLE	1	5,531	0	0
1ST SOURCE CORP	COM	336901103	357	10,032	SH		SOLE	1	10,032	0	0
2U INC	COM	90214J101	41	1,086	SH		SOLE	1	1,086	0	0
3D SYSTEMS CORP	COM	88554D205	574	82,187	SH		SOLE	1	82,187	0	0
3M CO	COM	88579Y101	244,554	1,567,753	SH		SOLE	1	1,567,753	0	0
51JOB INC ADR	ADR	316827104	28	396	SH		SOLE	1	396	0	0
58.COM INC ADR	ADR	31680Q104	62	1,158	SH		SOLE	1	1,158	0	0
89BIO INC	COM	282559103	36	1,799	SH		SOLE	1	1,799	0	0
8X8 INC	COM	282914100	1,153	72,070	SH		SOLE	1	72,070	0	0
A MARK PRECIOUS METALS INC	COM	00181T107	57	2,998	SH		SOLE	1	2,998	0	0
A10 NETWORKS INC	COM	002121101	257	37,733	SH		SOLE	1	37,733	0	0
AAON INC	COM	000360206	1,574	29,001	SH		SOLE	1	29,001	0	0
AAR CORP	COM	000361105	489	23,652	SH		SOLE	1	23,652	0	0
AARON S INC	COM	002535300	7,564	166,598	SH		SOLE	1	166,598	0	0
ABBOTT LABORATORIES	COM	002824100	53,423	584,301	SH		SOLE	1	584,301	0	0
ABBVIE INC	COM	00287Y109	309,641	3,153,805	SH		SOLE	1	3,153,805	0	0
ABEONA THERAPEUTICS INC	COM	00289Y107	106	36,462	SH		SOLE	1	36,462	0	0
ABERCROMBIE & FITCH CO CL A	CL A	002896207	463	43,537	SH		SOLE	1	43,537	0	0
ABIOMED INC	COM	003654100	4,080	16,889	SH		SOLE	1	16,889	0	0
ABM INDUSTRIES INC	COM	000957100	1,720	47,377	SH		SOLE	1	47,377	0	0
ACACIA COMMUNICATIONS INC	COM	00401C108	1,597	23,773	SH		SOLE	1	23,773	0	0
ACACIA RESEARCH CORP	COM	003881307	119	29,099	SH		SOLE	1	29,099	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	4,174	166,167	SH		SOLE	1	166,167	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	145	2,991	SH		SOLE	1	2,991	0	0
ACADIA REALTY TRUST	COM SH BEN INT	004239109	780	60,122	SH		SOLE	1	60,122	0	0
ACCELERATE DIAGNOSTICS INC	COM	00430H102	283	18,654	SH		SOLE	1	18,654	0	0
ACCELERON PHARMA INC	COM	00434H108	116	1,217	SH		SOLE	1	1,217	0	0
ACCENTURE PLC CL A	SHS CL A	G1151C101	45,214	210,572	SH		SOLE	1	210,572	0	0
ACCO BRANDS CORP	COM	00081T108	401	56,492	SH		SOLE	1	56,492	0	0
ACCURAY INC	COM	004397105	111	54,749	SH		SOLE	1	54,749	0	0
ACELRX PHARMACEUTICALS	COM	00444T100	59	48,942	SH		SOLE	1	48,942	0	0

INC										
ACI WORLDWIDE INC	COM	004498101	7,697	285,167	SH	SOLE	1	285,167	0	0
ACNB CORP	COM	000868109	135	5,173	SH	SOLE	1	5,173	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	25,355	334,061	SH	SOLE	1	334,061	0	0
ACUITY BRANDS INC	COM	00508Y102	7,091	74,061	SH	SOLE	1	74,061	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	729	20,950	SH	SOLE	1	20,950	0	0
ADAMS RESOURCES & ENERGY INC	COM	006351308	36	1,343	SH	SOLE	1	1,343	0	0
ADAPTHEALTH CORP	CL A	00653Q102	77	4,794	SH	SOLE	1	4,794	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	94	1,946	SH	SOLE	1	1,946	0	0
ADDUS HOMECARE CORP	COM	006739106	902	9,741	SH	SOLE	1	9,741	0	0
ADIANT PLC	COM	G0084W101	3,543	215,777	SH	SOLE	1	215,777	0	0
ADMA BIOLOGICS INC	COM	000899104	108	36,810	SH	SOLE	1	36,810	0	0
ADOBE INC	COM	00724F101	91,927	211,175	SH	SOLE	1	211,175	0	0
ADT INC	COM	00090Q103	12	1,462	SH	SOLE	1	1,462	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	3,985	127,941	SH	SOLE	1	127,941	0	0
ADTRAN INC	COM	00738A106	370	33,841	SH	SOLE	1	33,841	0	0
ADURO BIOTECH INC	COM	00739L101	94	40,598	SH	SOLE	1	40,598	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	3,350	23,514	SH	SOLE	1	23,514	0	0
ADVANCED DISPOSAL SERVICES I	COM	00790X101	1,362	45,150	SH	SOLE	1	45,150	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	1,494	30,240	SH	SOLE	1	30,240	0	0
ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	47	9,693	SH	SOLE	1	9,693	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,823	26,894	SH	SOLE	1	26,894	0	0
ADVANCED MICRO DEVICES	COM	007903107	26,584	505,307	SH	SOLE	1	505,307	0	0
ADVANSIX INC	COM	00773T101	228	19,430	SH	SOLE	1	19,430	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	933	44,662	SH	SOLE	1	44,662	0	0
AECOM	COM	00766T100	11,237	299,008	SH	SOLE	1	299,008	0	0
AEGION CORP	COM	00770F104	341	21,474	SH	SOLE	1	21,474	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	238	25,681	SH	SOLE	1	25,681	0	0
AERCAP HOLDINGS NV	COM	N00985106	825	26,778	SH	SOLE	1	26,778	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	331	22,435	SH	SOLE	1	22,435	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	2,053	51,797	SH	SOLE	1	51,797	0	0
AEROVIRONMENT INC	COM	008073108	1,219	15,311	SH	SOLE	1	15,311	0	0
AES CORP	COM	00130H105	3,430	236,690	SH	SOLE	1	236,690	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	6,580	88,255	SH	SOLE	1	88,255	0	0
AFFIMED NV	COM	N01045108	207	44,886	SH	SOLE	1	44,886	0	0
AFLAC INC	COM	001055102	11,020	305,856	SH	SOLE	1	305,856	0	0
AGCO CORP	COM	001084102	6,439	116,097	SH	SOLE	1	116,097	0	0
AGENUS INC	COM	00847G705	333	84,659	SH	SOLE	1	84,659	0	0
AGILE THERAPEUTICS INC	COM	00847L100	115	41,532	SH	SOLE	1	41,532	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	11,400	129,008	SH	SOLE	1	129,008	0	0
AGILYSYS INC	COM	00847J105	234	13,036	SH	SOLE	1	13,036	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	47	887	SH	SOLE	1	887	0	0
AGNC INVESTMENT	COM	00123Q104	96	7,421	SH	SOLE	1	7,421	0	0

CORP										
AGREE REALTY CORP	COM	008492100	2,619	39,859	SH	SOLE	1	39,859	0	0
AGROFRESH SOLUTIONS INC	COM	00856G109	55	18,189	SH	SOLE	1	18,189	0	0
AIMMUNE THERAPEUTICS INC	COM	00900T107	475	28,437	SH	SOLE	1	28,437	0	0
AIR LEASE CORP	COM	00912X302	41	1,391	SH	SOLE	1	1,391	0	0
AIR PRODUCTS & CHEMICALS INC	COM	009158106	20,663	85,575	SH	SOLE	1	85,575	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	801	35,959	SH	SOLE	1	35,959	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	6,614	61,762	SH	SOLE	1	61,762	0	0
AKCEA THERAPEUTICS INC	COM	00972L107	138	10,062	SH	SOLE	1	10,062	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	1,081	79,611	SH	SOLE	1	79,611	0	0
AKERNA CORP	COM	00973W102	48	5,489	SH	SOLE	1	5,489	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	170	6,841	SH	SOLE	1	6,841	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	157	18,980	SH	SOLE	1	18,980	0	0
ALAMO GROUP INC	COM	011311107	716	6,977	SH	SOLE	1	6,977	0	0
ALARM.COM HOLDINGS INC	COM	011642105	2,058	31,754	SH	SOLE	1	31,754	0	0
ALASKA AIR GROUP INC	COM	011659109	1,513	41,738	SH	SOLE	1	41,738	0	0
ALASKA COMM SYSTEMS GROUP	COM	01167P101	89	31,728	SH	SOLE	1	31,728	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,277	21,747	SH	SOLE	1	21,747	0	0
ALBEMARLE CORP	COM	012653101	2,797	36,220	SH	SOLE	1	36,220	0	0
ALBIREO PHARMA INC	COM	01345P106	215	8,133	SH	SOLE	1	8,133	0	0
ALCOA CORP	COM	013872106	1,288	114,575	SH	SOLE	1	114,575	0	0
ALECTOR INC	COM	014442107	692	28,309	SH	SOLE	1	28,309	0	0
ALERUS FINANCIAL CORP	COM	01446U103	181	9,142	SH	SOLE	1	9,142	0	0
ALEXANDER & BALDWIN INC	COM	014491104	617	50,595	SH	SOLE	1	50,595	0	0
ALEXANDER S INC	COM	014752109	316	1,310	SH	SOLE	1	1,310	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	7,178	44,240	SH	SOLE	1	44,240	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	11,040	98,360	SH	SOLE	1	98,360	0	0
ALIBABA GROUP HOLDING SP ADR	ADR	01609W102	4,746	22,002	SH	SOLE	1	22,002	0	0
ALICO INC	COM	016230104	99	3,191	SH	SOLE	1	3,191	0	0
ALIGN TECHNOLOGY INC	COM	016255101	8,970	32,684	SH	SOLE	1	32,684	0	0
ALKERMES PLC	COM	G01767105	40	2,062	SH	SOLE	1	2,062	0	0
ALLAKOS INC	COM	01671P100	1,070	14,894	SH	SOLE	1	14,894	0	0
ALLEGHANY CORP	COM	017175100	13,084	26,749	SH	SOLE	1	26,749	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	3,185	312,550	SH	SOLE	1	312,550	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	339	13,368	SH	SOLE	1	13,368	0	0
ALLEGIANANT TRAVEL CO	COM	01748X102	1,011	9,254	SH	SOLE	1	9,254	0	0
ALLEGION PLC	COM	G0176J109	3,342	32,698	SH	SOLE	1	32,698	0	0
ALLETE INC	COM	018522300	6,987	127,950	SH	SOLE	1	127,950	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	3,576	79,257	SH	SOLE	1	79,257	0	0
ALLIANT ENERGY CORP	COM	018802108	4,945	103,368	SH	SOLE	1	103,368	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	158	4,481	SH	SOLE	1	4,481	0	0
ALLISON	COM	01973R101	93	2,515	SH	SOLE	1	2,515	0	0

TRANSMISSION HOLDING										
ALLOGENE THERAPEUTICS INC	COM	019770106	1,270	29,668	SH	SOLE	1	29,668	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	775	114,496	SH	SOLE	1	114,496	0	0
ALLSTATE CORP	COM	020002101	18,102	186,637	SH	SOLE	1	186,637	0	0
ALLY FINANCIAL INC	COM	02005N100	97	4,883	SH	SOLE	1	4,883	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	463	3,127	SH	SOLE	1	3,127	0	0
ALPHA & OMEGA SEMICONDUCTOR	COM	G6331P104	135	12,415	SH	SOLE	1	12,415	0	0
ALPHA PRO TECH LTD	COM	020772109	132	7,480	SH	SOLE	1	7,480	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	196,990	138,916	SH	SOLE	1	138,916	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	159,633	112,926	SH	SOLE	1	112,926	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	128	27,230	SH	SOLE	1	27,230	0	0
ALPINE INCOME PROPERTY TRUST	COM	02083X103	67	4,143	SH	SOLE	1	4,143	0	0
ALTA EQUIPMENT GROUP INC	COM	02128L106	81	10,417	SH	SOLE	1	10,417	0	0
ALTAIR ENGINEERING INC A	COM	021369103	1,021	25,677	SH	SOLE	1	25,677	0	0
ALTERYX INC CLASS A	COM	02156B103	237	1,441	SH	SOLE	1	1,441	0	0
ALTICE USA INC A	COM	02156K103	200	8,851	SH	SOLE	1	8,851	0	0
ALTISOURCE PORTFOLIO SOL	COM	L0175J104	41	2,802	SH	SOLE	1	2,802	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	1,257	39,449	SH	SOLE	1	39,449	0	0
ALTRIA GROUP INC	COM	02209S103	217,750	5,547,768	SH	SOLE	1	5,547,768	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	169	22,155	SH	SOLE	1	22,155	0	0
AMALGAMATED BK OF NEW YORK A	COM	022663108	102	8,074	SH	SOLE	1	8,074	0	0
AMAZON.COM INC	COM	023135106	448,532	162,581	SH	SOLE	1	162,581	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	460	32,112	SH	SOLE	1	32,112	0	0
AMBARELLA INC	COM	G037AX101	927	20,235	SH	SOLE	1	20,235	0	0
AMC ENTERTAINMENT HLDS CL A	CL A COM	00165C104	136	31,817	SH	SOLE	1	31,817	0	0
AMC NETWORKS INC A	COM	00164V103	2,314	98,940	SH	SOLE	1	98,940	0	0
AMCOR PLC	COM	G0250X107	6,112	598,605	SH	SOLE	1	598,605	0	0
AMDOCS LTD	COM	G02602103	106	1,733	SH	SOLE	1	1,733	0	0
AMEDISYS INC	COM	023436108	12,098	60,937	SH	SOLE	1	60,937	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	163	6,515	SH	SOLE	1	6,515	0	0
AMERANT BANCORP INC	COM	023576101	209	13,869	SH	SOLE	1	13,869	0	0
AMERCO	COM	023586100	35	117	SH	SOLE	1	117	0	0
AMEREN CORPORATION	COM	023608102	5,919	84,123	SH	SOLE	1	84,123	0	0
AMERESCO INC CL A	CL A	02361E108	415	14,932	SH	SOLE	1	14,932	0	0
AMERICA S CAR MART INC	COM	03062T105	381	4,338	SH	SOLE	1	4,338	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	2,307	176,537	SH	SOLE	1	176,537	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	985	35,381	SH	SOLE	1	35,381	0	0
AMERICAN AXLE & MFG HOLDINGS	COM	024061103	605	79,570	SH	SOLE	1	79,570	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	9,100	260,294	SH	SOLE	1	260,294	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	4,152	380,875	SH	SOLE	1	380,875	0	0

AMERICAN ELECTRIC POWER	COM	025537101	12,934	162,400	SH	SOLE	1	162,400	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,588	64,261	SH	SOLE	1	64,261	0	0
AMERICAN EXPRESS CO	COM	025816109	25,070	263,343	SH	SOLE	1	263,343	0	0
AMERICAN FINANCE TRUST INC	COM	02607T109	530	66,785	SH	SOLE	1	66,785	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	8,841	139,312	SH	SOLE	1	139,312	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	246	9,137	SH	SOLE	1	9,137	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	8,800	282,240	SH	SOLE	1	282,240	0	0
AMERICAN NATIONAL INSURANCE	COM	028591105	7	97	SH	SOLE	1	97	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	303	10,238	SH	SOLE	1	10,238	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	6	667	SH	SOLE	1	667	0	0
AMERICAN RENAL ASSOCIATES HO	COM	029227105	55	8,378	SH	SOLE	1	8,378	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	288	18,305	SH	SOLE	1	18,305	0	0
AMERICAN STATES WATER CO	COM	029899101	2,051	26,087	SH	SOLE	1	26,087	0	0
AMERICAN SUPERCONDUCTOR CORP	COM	030111207	109	13,453	SH	SOLE	1	13,453	0	0
AMERICAN TOWER CORP	COM	03027X100	43,354	167,687	SH	SOLE	1	167,687	0	0
AMERICAN VANGUARD CORP	COM	030371108	278	20,188	SH	SOLE	1	20,188	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	11,098	86,256	SH	SOLE	1	86,256	0	0
AMERICAN WOODMARK CORP	COM	030506109	896	11,840	SH	SOLE	1	11,840	0	0
AMERICOLD REALTY TRUST	COM	03064D108	105	2,900	SH	SOLE	1	2,900	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	6,310	42,058	SH	SOLE	1	42,058	0	0
AMERIS BANCORP	COM	03076K108	1,104	46,813	SH	SOLE	1	46,813	0	0
AMERISAFE INC	COM	03071H100	830	13,564	SH	SOLE	1	13,564	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	5,235	51,947	SH	SOLE	1	51,947	0	0
AMES NATIONAL CORP	COM	031001100	106	5,372	SH	SOLE	1	5,372	0	0
AMETEK INC	COM	031100100	8,269	92,530	SH	SOLE	1	92,530	0	0
AMGEN INC	COM	031162100	262,447	1,112,724	SH	SOLE	1	1,112,724	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	2,345	155,502	SH	SOLE	1	155,502	0	0
AMKOR TECHNOLOGY INC	COM	031652100	752	61,050	SH	SOLE	1	61,050	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	1,494	33,033	SH	SOLE	1	33,033	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	289	60,656	SH	SOLE	1	60,656	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	560	24,925	SH	SOLE	1	24,925	0	0
AMPHENOL CORP CL A	CL A	032095101	10,463	109,207	SH	SOLE	1	109,207	0	0
AMYRIS INC	COM	03236M200	183	42,942	SH	SOLE	1	42,942	0	0
ANALOG DEVICES INC	COM	032654105	19,606	159,866	SH	SOLE	1	159,866	0	0
ANAPLAN INC	COM	03272L108	162	3,565	SH	SOLE	1	3,565	0	0
ANAPTYSBIO INC	COM	032724106	293	13,094	SH	SOLE	1	13,094	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	154	31,286	SH	SOLE	1	31,286	0	0
ANDERSONS INC/THE	COM	034164103	306	22,214	SH	SOLE	1	22,214	0	0

ANGIODYNAMICS INC	COM	03475V101	265	26,044	SH	SOLE	1	26,044	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	215	6,663	SH	SOLE	1	6,663	0	0
ANIKA THERAPEUTICS INC	COM	035255108	374	9,900	SH	SOLE	1	9,900	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	123	18,708	SH	SOLE	1	18,708	0	0
ANSYS INC	COM	03662Q105	10,504	36,007	SH	SOLE	1	36,007	0	0
ANTARES PHARMA INC	COM	036642106	276	100,513	SH	SOLE	1	100,513	0	0
ANTERIX INC	COM	03676C100	370	8,150	SH	SOLE	1	8,150	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	2,679	525,338	SH	SOLE	1	525,338	0	0
ANTERO RESOURCES CORP	COM	03674X106	377	148,470	SH	SOLE	1	148,470	0	0
ANTHEM INC	COM	036752103	21,727	82,618	SH	SOLE	1	82,618	0	0
ANWORTH MORTGAGE ASSET CORP	COM	037347101	102	59,954	SH	SOLE	1	59,954	0	0
AON PLC CLASS A	CL A	G0403H108	16,516	85,752	SH	SOLE	1	85,752	0	0
APACHE CORP	COM	037411105	1,792	132,777	SH	SOLE	1	132,777	0	0
APARTMENT INVT & MGMT CO A	COM	03748R754	2,018	53,607	SH	SOLE	1	53,607	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	1,200	36,727	SH	SOLE	1	36,727	0	0
API GROUP CORP	COM	00187Y100	1,041	85,644	SH	SOLE	1	85,644	0	0
APOGEE ENTERPRISES INC	COM	037598109	421	18,254	SH	SOLE	1	18,254	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	1,062	108,228	SH	SOLE	1	108,228	0	0
APOLLO GLOBAL MANAGEMENT INC	CL A	03768E105	172	3,438	SH	SOLE	1	3,438	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	102	6,163	SH	SOLE	1	6,163	0	0
APPFOLIO INC A	COM	03783C100	1,590	9,775	SH	SOLE	1	9,775	0	0
APPIAN CORP	COM	03782L101	1,030	20,091	SH	SOLE	1	20,091	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	116	11,983	SH	SOLE	1	11,983	0	0
APPLE INC	COM	037833100	567,930	1,556,825	SH	SOLE	1	1,556,825	0	0
APPLIED GENETIC TECHNOLOGIES	COM	03820J100	79	14,278	SH	SOLE	1	14,278	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	1,706	27,349	SH	SOLE	1	27,349	0	0
APPLIED MATERIALS INC	COM	038222105	24,651	407,795	SH	SOLE	1	407,795	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	149	13,666	SH	SOLE	1	13,666	0	0
APPLIED THERAPEUTICS INC	COM	03828A101	295	8,160	SH	SOLE	1	8,160	0	0
APREA THERAPEUTICS INC	COM	03836J102	171	4,398	SH	SOLE	1	4,398	0	0
APTARGROUP INC	COM	038336103	13,429	119,926	SH	SOLE	1	119,926	0	0
APTINYX INC	COM	03836N103	63	15,019	SH	SOLE	1	15,019	0	0
APTIV PLC	COM	G6095L109	7,096	91,062	SH	SOLE	1	91,062	0	0
APYX MEDICAL CORP	COM	03837C106	113	20,445	SH	SOLE	1	20,445	0	0
AQUESTIVE THERAPEUTICS INC	COM	03843E104	59	12,153	SH	SOLE	1	12,153	0	0
ARAMARK	COM	03852U106	67	2,983	SH	SOLE	1	2,983	0	0
ARAVIVE INC	COM	03890D108	87	7,437	SH	SOLE	1	7,437	0	0
ARBOR REALTY TRUST INC	COM	038923108	583	63,070	SH	SOLE	1	63,070	0	0
ARCBEST CORP	COM	03937C105	473	17,827	SH	SOLE	1	17,827	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	147	5,139	SH	SOLE	1	5,139	0	0
ARCH RESOURCES INC	CL A	03940R107	262	9,237	SH	SOLE	1	9,237	0	0
ARCHER DANIELS	COM	039483102	7,552	189,276	SH	SOLE	1	189,276	0	0

MIDLAND CO										
ARCHROCK INC	COM	03957W106	595	91,659	SH	SOLE	1	91,659	0	0
ARCONIC CORP	COM	03966V107	976	70,058	SH	SOLE	1	70,058	0	0
ARCOSA INC	COM	039653100	1,448	34,316	SH	SOLE	1	34,316	0	0
ARCTURUS THERAPEUTICS HOLDIN	COM	03969T109	373	7,975	SH	SOLE	1	7,975	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	498	20,138	SH	SOLE	1	20,138	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	175	5,797	SH	SOLE	1	5,797	0	0
ARDAGH GROUP SA	COM	L0223L101	456	35,326	SH	SOLE	1	35,326	0	0
ARDELYX INC	COM	039697107	309	44,676	SH	SOLE	1	44,676	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	89	20,514	SH	SOLE	1	20,514	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	2,168	34,443	SH	SOLE	1	34,443	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	172	18,811	SH	SOLE	1	18,811	0	0
ARES MANAGEMENT CORP A	COM	03990B101	107	2,683	SH	SOLE	1	2,683	0	0
ARGAN INC	COM	04010E109	427	9,012	SH	SOLE	1	9,012	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	691	19,850	SH	SOLE	1	19,850	0	0
ARISTA NETWORKS INC	COM	040413106	4,057	19,314	SH	SOLE	1	19,314	0	0
ARLINGTON ASSET INVESTMENT A	COM	041356205	66	22,318	SH	SOLE	1	22,318	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	142	54,881	SH	SOLE	1	54,881	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	474	47,608	SH	SOLE	1	47,608	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	426	45,331	SH	SOLE	1	45,331	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	68	874	SH	SOLE	1	874	0	0
ARROW ELECTRONICS INC	COM	042735100	10,096	146,973	SH	SOLE	1	146,973	0	0
ARROW FINANCIAL CORP	COM	042744102	234	7,869	SH	SOLE	1	7,869	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	10,807	250,211	SH	SOLE	1	250,211	0	0
ARTARA THERAPEUTICS INC	COM	74365U107	36	1,233	SH	SOLE	1	1,233	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	179	4,922	SH	SOLE	1	4,922	0	0
ARTHUR J GALLAGHER & CO	COM	363576109	6,340	65,036	SH	SOLE	1	65,036	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	1,910	58,757	SH	SOLE	1	58,757	0	0
ARVINAS INC	COM	04335A105	600	17,886	SH	SOLE	1	17,886	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	1,054	13,629	SH	SOLE	1	13,629	0	0
ASGN INC	COM	00191U102	8,570	128,531	SH	SOLE	1	128,531	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	7,801	112,889	SH	SOLE	1	112,889	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	1,692	4,597	SH	SOLE	1	4,597	0	0
ASPEN AEROGELS INC	COM	04523Y105	82	12,504	SH	SOLE	1	12,504	0	0
ASPEN GROUP INC	COM	04530L203	103	11,346	SH	SOLE	1	11,346	0	0
ASPEN TECHNOLOGY INC	COM	045327103	185	1,783	SH	SOLE	1	1,783	0	0
ASPIRA WOMEN S HEALTH INC	COM	04537Y109	111	28,838	SH	SOLE	1	28,838	0	0
ASSEMBLY BIOSCIENCES INC	COM	045396108	438	18,768	SH	SOLE	1	18,768	0	0
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	273	10,006	SH	SOLE	1	10,006	0	0

ASSOCIATED BANC CORP	COM	045487105	3,927	287,094	SH	SOLE	1	287,094	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	41	1,129	SH	SOLE	1	1,129	0	0
ASSURANT INC	COM	04621X108	3,834	37,114	SH	SOLE	1	37,114	0	0
ASSURED GUARANTY LTD	COM	G0585R106	27	1,097	SH	SOLE	1	1,097	0	0
ASTEC INDUSTRIES INC	COM	046224101	736	15,891	SH	SOLE	1	15,891	0	0
ASTRONICS CORP	COM	046433108	149	14,109	SH	SOLE	1	14,109	0	0
ASURE SOFTWARE INC	COM	04649U102	53	8,218	SH	SOLE	1	8,218	0	0
AT HOME GROUP INC	COM	04650Y100	191	29,373	SH	SOLE	1	29,373	0	0
AT&T INC	COM	00206R102	72,176	2,387,556	SH	SOLE	1	2,387,556	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	512	35,115	SH	SOLE	1	35,115	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	47	1,509	SH	SOLE	1	1,509	0	0
ATHENEX INC	COM	04685N103	620	45,024	SH	SOLE	1	45,024	0	0
ATHERSYS INC	COM	04744L106	293	106,068	SH	SOLE	1	106,068	0	0
ATKORE INTERNATIONAL GROUP I	COM	047649108	792	28,956	SH	SOLE	1	28,956	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	155	12,774	SH	SOLE	1	12,774	0	0
ATLANTIC POWER CORP	COM	04878Q863	111	55,448	SH	SOLE	1	55,448	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,104	47,668	SH	SOLE	1	47,668	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	32	3,088	SH	SOLE	1	3,088	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	785	18,244	SH	SOLE	1	18,244	0	0
ATMOS ENERGY CORP	COM	049560105	4,149	41,665	SH	SOLE	1	41,665	0	0
ATN INTERNATIONAL INC	COM	00215F107	478	7,884	SH	SOLE	1	7,884	0	0
ATOMERA INC	COM	04965B100	79	8,767	SH	SOLE	1	8,767	0	0
ATRECA INC A	COM	04965G109	277	13,012	SH	SOLE	1	13,012	0	0
ATRICURE INC	COM	04963C209	1,072	23,849	SH	SOLE	1	23,849	0	0
ATRION CORPORATION	COM	049904105	550	864	SH	SOLE	1	864	0	0
AUBURN NATL BANCORPORATION	COM	050473107	82	1,431	SH	SOLE	1	1,431	0	0
AUTODESK INC	COM	052769106	22,537	94,223	SH	SOLE	1	94,223	0	0
AUTOHOME INC ADR	ADR	05278C107	53	701	SH	SOLE	1	701	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	28,713	192,847	SH	SOLE	1	192,847	0	0
AUTONATION INC	COM	05329W102	4,042	107,564	SH	SOLE	1	107,564	0	0
AUTOZONE INC	COM	053332102	9,449	8,376	SH	SOLE	1	8,376	0	0
AVALARA INC	COM	05338G106	280	2,104	SH	SOLE	1	2,104	0	0
AVALON GLOBOCARE CORP	COM	05344R104	22	11,779	SH	SOLE	1	11,779	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	7,463	48,262	SH	SOLE	1	48,262	0	0
AVANGRID INC	COM	05351W103	31	741	SH	SOLE	1	741	0	0
AVANOS MEDICAL INC	COM	05350V106	3,460	117,727	SH	SOLE	1	117,727	0	0
AVANTOR INC	COM	05352A100	192	11,267	SH	SOLE	1	11,267	0	0
AVAYA HOLDINGS CORP	COM	05351X101	701	56,702	SH	SOLE	1	56,702	0	0
AVENUE THERAPEUTICS INC	COM	05360L205	44	4,075	SH	SOLE	1	4,075	0	0
AVEO PHARMACEUTICALS INC	COM	053588307	43	8,320	SH	SOLE	1	8,320	0	0
AVERY DENNISON CORP	COM	053611109	3,325	29,142	SH	SOLE	1	29,142	0	0
AVID BIOSERVICES INC	COM	05368M106	226	34,472	SH	SOLE	1	34,472	0	0
AVID TECHNOLOGY INC	COM	05367P100	139	19,103	SH	SOLE	1	19,103	0	0
AVIS BUDGET GROUP INC	COM	053774105	3,012	131,569	SH	SOLE	1	131,569	0	0

AVISTA CORP	COM	05379B107	1,733	47,620	SH	SOLE	1	47,620	0	0
AVNET INC	COM	053807103	5,145	184,515	SH	SOLE	1	184,515	0	0
AVROBIO INC	COM	05455M100	330	18,892	SH	SOLE	1	18,892	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	62	2,752	SH	SOLE	1	2,752	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	644	23,140	SH	SOLE	1	23,140	0	0
AXCELLA HEALTH INC	COM	05454B105	32	5,849	SH	SOLE	1	5,849	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	48	1,189	SH	SOLE	1	1,189	0	0
AXOGEN INC	COM	05463X106	206	22,257	SH	SOLE	1	22,257	0	0
AXON ENTERPRISE INC	COM	05464C101	11,604	118,254	SH	SOLE	1	118,254	0	0
AXONICS MODULATION TECHNOLOG	COM	05465P101	654	18,626	SH	SOLE	1	18,626	0	0
AXOS FINANCIAL INC	COM	05465C100	890	40,321	SH	SOLE	1	40,321	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	1,394	16,945	SH	SOLE	1	16,945	0	0
AXT INC	COM	00246W103	114	23,882	SH	SOLE	1	23,882	0	0
AYTU BIOSCIENCE INC	COM	054754700	20	13,994	SH	SOLE	1	13,994	0	0
AZZ INC	COM	002474104	633	18,434	SH	SOLE	1	18,434	0	0
B. RILEY FINANCIAL INC	COM	05580M108	258	11,849	SH	SOLE	1	11,849	0	0
B&G FOODS INC	COM	05508R106	1,101	45,153	SH	SOLE	1	45,153	0	0
BADGER METER INC	COM	056525108	1,297	20,618	SH	SOLE	1	20,618	0	0
BAIDU INC SPON ADR	ADR	056752108	2,398	20,000	SH	SOLE	1	20,000	0	0
BAKER HUGHES CO	COM	05722G100	4,785	310,917	SH	SOLE	1	310,917	0	0
BALCHEM CORP	COM	057665200	2,160	22,770	SH	SOLE	1	22,770	0	0
BALL CORP	COM	058498106	9,232	132,852	SH	SOLE	1	132,852	0	0
BANC OF CALIFORNIA INC	COM	05990K106	342	31,539	SH	SOLE	1	31,539	0	0
BANCFIRST CORP	COM	05945F103	466	11,476	SH	SOLE	1	11,476	0	0
BANCO MACRO SA ADR	ADR	05961W105	3	165	SH	SOLE	1	165	0	0
BANCORP INC/THE	COM	05969A105	309	31,528	SH	SOLE	1	31,528	0	0
BANCORPSOUTH BANK	COM	05971J102	5,479	240,922	SH	SOLE	1	240,922	0	0
BANDWIDTH INC CLASS A	COM	05988J103	1,490	11,732	SH	SOLE	1	11,732	0	0
BANK FIRST CORP	COM	06211J100	246	3,840	SH	SOLE	1	3,840	0	0
BANK OF AMERICA CORP	COM	060505104	60,768	2,558,664	SH	SOLE	1	2,558,664	0	0
BANK OF COMMERCE HOLDINGS	COM	06424J103	74	9,728	SH	SOLE	1	9,728	0	0
BANK OF HAWAII CORP	COM	062540109	4,590	74,748	SH	SOLE	1	74,748	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	270	8,091	SH	SOLE	1	8,091	0	0
BANK OF N.T. BUTTERFIELD&SON	COM	G0772R208	776	31,803	SH	SOLE	1	31,803	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	13,114	339,313	SH	SOLE	1	339,313	0	0
BANK OZK	COM	06417N103	6,726	286,580	SH	SOLE	1	286,580	0	0
BANK7 CORP	COM	06652N107	19	1,736	SH	SOLE	1	1,736	0	0
BANKFINANCIAL CORP	COM	06643P104	69	8,199	SH	SOLE	1	8,199	0	0
BANKUNITED INC	COM	06652K103	1,137	56,141	SH	SOLE	1	56,141	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	64	4,054	SH	SOLE	1	4,054	0	0
BANNER CORPORATION	COM	06652V208	936	24,621	SH	SOLE	1	24,621	0	0
BAOZUN INC SPN ADR	ADR	06684L103	12	308	SH	SOLE	1	308	0	0
BAR HARBOR BANKSHARES	COM	066849100	211	9,407	SH	SOLE	1	9,407	0	0
BARNES & NOBLE EDUCATION INC	COM	06777U101	6	3,698	SH	SOLE	1	3,698	0	0
BARNES GROUP INC	COM	067806109	1,316	33,275	SH	SOLE	1	33,275	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	242	4,562	SH	SOLE	1	4,562	0	0

BAXTER INTERNATIONAL INC	COM	071813109	17,634	204,804	SH	SOLE	1	204,804	0	0
BAYCOM CORP	COM	07272M107	92	7,136	SH	SOLE	1	7,136	0	0
BBX CAPITAL CORP	COM	05491N104	97	38,154	SH	SOLE	1	38,154	0	0
BCB BANCORP INC	COM	055298103	83	8,898	SH	SOLE	1	8,898	0	0
BCE INC	COM	05534B950	909	21,800	SH	SOLE	1	21,800	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	881	33,402	SH	SOLE	1	33,402	0	0
BEAM THERAPEUTICS INC	COM	07373V105	211	7,532	SH	SOLE	1	7,532	0	0
BEAZER HOMES USA INC	COM	07556Q881	176	17,440	SH	SOLE	1	17,440	0	0
BECTON DICKINSON AND CO	COM	075887109	23,121	96,630	SH	SOLE	1	96,630	0	0
BED BATH & BEYOND INC	COM	075896100	951	89,688	SH	SOLE	1	89,688	0	0
BEIGENE LTD ADR	ADR	07725L102	1,055	5,602	SH	SOLE	1	5,602	0	0
BEL FUSE INC CL B	COM	077347300	76	7,038	SH	SOLE	1	7,038	0	0
BELDEN INC	COM	077454106	3,189	97,986	SH	SOLE	1	97,986	0	0
BELLEROPHON THERAPEUTICS INC	COM	078771300	26	2,105	SH	SOLE	1	2,105	0	0
BELLRING BRANDS INC CLASS A	COM CL A	079823100	485	24,343	SH	SOLE	1	24,343	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	557	25,799	SH	SOLE	1	25,799	0	0
BENEFITFOCUS INC	COM	08180D106	191	17,739	SH	SOLE	1	17,739	0	0
BENEFYTT TECHNOLOGIES INC	CL A	08182C106	130	6,369	SH	SOLE	1	6,369	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	113,720	637,050	SH	SOLE	1	637,050	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	347	31,475	SH	SOLE	1	31,475	0	0
BERRY CORP	COM	08579X101	200	41,415	SH	SOLE	1	41,415	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	105	2,380	SH	SOLE	1	2,380	0	0
BEST BUY CO INC	COM	086516101	240,144	2,751,740	SH	SOLE	1	2,751,740	0	0
BEST INC ADR	SPONSORED ADS	08653C106	9	2,085	SH	SOLE	1	2,085	0	0
BEYOND AIR INC	COM	08862L103	58	7,998	SH	SOLE	1	7,998	0	0
BEYOND MEAT INC	COM	08862E109	169	1,261	SH	SOLE	1	1,261	0	0
BEYONDSRING INC	COM	G10830100	125	8,284	SH	SOLE	1	8,284	0	0
BG STAFFING INC	COM	05544A109	64	5,638	SH	SOLE	1	5,638	0	0
BGC PARTNERS INC CL A	CL A	05541T101	511	186,429	SH	SOLE	1	186,429	0	0
BIG LOTS INC	COM	089302103	1,166	27,763	SH	SOLE	1	27,763	0	0
BIGLARI HOLDINGS INC A	CL A	08986R408	15	45	SH	SOLE	1	45	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	39	564	SH	SOLE	1	564	0	0
BILL.COM HOLDINGS INC	COM	090043100	40	440	SH	SOLE	1	440	0	0
BIO RAD LABORATORIES A	COM	090572207	5,543	12,277	SH	SOLE	1	12,277	0	0
BIO TECHNE CORP	COM	09073M104	18,993	71,923	SH	SOLE	1	71,923	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	450	94,339	SH	SOLE	1	94,339	0	0
BIODELIVERY SCIENCES INTL	COM	09060J106	237	54,320	SH	SOLE	1	54,320	0	0
BIOGEN INC	COM	09062X103	19,959	74,601	SH	SOLE	1	74,601	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	2,110	28,856	SH	SOLE	1	28,856	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	73	4,444	SH	SOLE	1	4,444	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,914	15,517	SH	SOLE	1	15,517	0	0

BIOSIG TECHNOLOGIES INC	COM	09073N201	93	12,964	SH	SOLE	1	12,964	0	0
BIOSPECIFICS TECHNOLOGIES	COM	090931106	234	3,819	SH	SOLE	1	3,819	0	0
BIOTELEMETRY INC	COM	090672106	1,075	23,796	SH	SOLE	1	23,796	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	343	6,473	SH	SOLE	1	6,473	0	0
BJ S RESTAURANTS INC	COM	09180C106	283	13,493	SH	SOLE	1	13,493	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	11,652	312,632	SH	SOLE	1	312,632	0	0
BLACK DIAMOND THERAPEUTICS I	COM	09203E105	317	7,517	SH	SOLE	1	7,517	0	0
BLACK HILLS CORP	COM	092113109	8,776	154,894	SH	SOLE	1	154,894	0	0
BLACK KNIGHT INC	COM	09215C105	287	3,951	SH	SOLE	1	3,951	0	0
BLACKBAUD INC	COM	09227Q100	6,980	122,293	SH	SOLE	1	122,293	0	0
BLACKLINE INC	COM	09239B109	2,544	30,689	SH	SOLE	1	30,689	0	0
BLACKROCK INC	COM	09247X101	33,000	60,652	SH	SOLE	1	60,652	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	2,029	84,239	SH	SOLE	1	84,239	0	0
BLOOM ENERGY CORP A	COM	093712107	566	52,032	SH	SOLE	1	52,032	0	0
BLOOMIN BRANDS INC	COM	094235108	660	61,917	SH	SOLE	1	61,917	0	0
BLUCORA INC	COM	095229100	389	34,041	SH	SOLE	1	34,041	0	0
BLUE BIRD CORP	COM	095306106	141	9,412	SH	SOLE	1	9,412	0	0
BLUEBIRD BIO INC	COM	09609G100	77	1,258	SH	SOLE	1	1,258	0	0
BLUEGREEN VACATIONS CORP	COM	09629F108	17	3,161	SH	SOLE	1	3,161	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	2,588	33,180	SH	SOLE	1	33,180	0	0
BLUEROCK RESIDENTIAL GROWTH	COM	09627J102	115	14,251	SH	SOLE	1	14,251	0	0
BMC STOCK HOLDINGS INC	COM	05591B109	1,034	41,127	SH	SOLE	1	41,127	0	0
BOEING CO/THE	COM	097023105	32,399	176,753	SH	SOLE	1	176,753	0	0
BOGOTA FINANCIAL CORP	COM	097235105	31	3,538	SH	SOLE	1	3,538	0	0
BOINGO WIRELESS INC	COM	09739C102	357	26,794	SH	SOLE	1	26,794	0	0
BOISE CASCADE CO	COM	09739D100	1,040	27,664	SH	SOLE	1	27,664	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	23	410	SH	SOLE	1	410	0	0
BONANZA CREEK ENERGY INC	COM	097793400	197	13,298	SH	SOLE	1	13,298	0	0
BOOKING HOLDINGS INC	COM	09857L108	30,297	19,027	SH	SOLE	1	19,027	0	0
BOOT BARN HOLDINGS INC	COM	099406100	436	20,220	SH	SOLE	1	20,220	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	293	3,765	SH	SOLE	1	3,765	0	0
BORGWARNER INC	COM	099724106	2,494	70,640	SH	SOLE	1	70,640	0	0
BOSTON BEER COMPANY INC A	COM	100557107	9,741	18,152	SH	SOLE	1	18,152	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	111	6,907	SH	SOLE	1	6,907	0	0
BOSTON PRIVATE FINL HOLDING	COM	101119105	399	57,940	SH	SOLE	1	57,940	0	0
BOSTON PROPERTIES INC	COM	101121101	4,489	49,670	SH	SOLE	1	49,670	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	16,572	472,003	SH	SOLE	1	472,003	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	1,528	30,106	SH	SOLE	1	30,106	0	0
BOX INC CLASS A	COM	10316T104	1,873	90,233	SH	SOLE	1	90,233	0	0
BOYD GAMING CORP	COM	103304101	4,145	198,334	SH	SOLE	1	198,334	0	0
BRADY CORPORATION CL A	CL A	104674106	1,605	34,281	SH	SOLE	1	34,281	0	0
BRAINSTORM CELL	COM	10501E201	183	16,310	SH	SOLE	1	16,310	0	0

THERAPEUTICS										
BRANDYWINE REALTY TRUST	COM	105368203	202	18,522	SH	SOLE	1	18,522	0	0
BRIDGE BANCORP INC	COM	108035106	233	10,205	SH	SOLE	1	10,205	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	1,452	44,539	SH	SOLE	1	44,539	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	181,846	5,576,380	SH	SOLE	2	5,576,380	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	138	13,473	SH	SOLE	1	13,473	0	0
BRIDGFORD FOODS CORP	COM	108763103	17	1,031	SH	SOLE	1	1,031	0	0
BRIGHAM MINERALS INC CL A	CL A	10918L103	228	18,500	SH	SOLE	1	18,500	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	155	1,326	SH	SOLE	1	1,326	0	0
BRIGHTCOVE	COM	10921T101	188	23,868	SH	SOLE	1	23,868	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	4,879	175,395	SH	SOLE	1	175,395	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	547	43,887	SH	SOLE	1	43,887	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	214	19,085	SH	SOLE	1	19,085	0	0
BRINK S CO/THE	COM	109696104	5,662	124,407	SH	SOLE	1	124,407	0	0
BRINKER INTERNATIONAL INC	COM	109641100	746	31,086	SH	SOLE	1	31,086	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	241,069	4,099,812	SH	SOLE	1	4,099,812	0	0
BRISTOL MYERS SQUIBB CO	COM	110122157	107	29,832	SH	SOLE	1	29,832	0	0
BRISTOW GROUP INC	COM	11040G103	65	4,677	SH	SOLE	1	4,677	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	7,101	553,879	SH	SOLE	1	553,879	0	0
BROADCOM INC	COM	11135F101	269,545	854,044	SH	SOLE	1	854,044	0	0
BROADMARK REALTY CAPITAL INC	COM	11135B100	745	78,692	SH	SOLE	1	78,692	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	5,189	41,121	SH	SOLE	1	41,121	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	331	112,320	SH	SOLE	1	112,320	0	0
BROOKFIELD INFRASTRUCTURE A	CL A	11275Q107	906	19,895	SH	SOLE	1	19,895	0	0
BROOKFIELD PROPERTY REIT I A	COM	11282X103	15	1,479	SH	SOLE	1	1,479	0	0
BROOKLINE BANCORP INC	COM	11373M107	554	54,977	SH	SOLE	1	54,977	0	0
BROOKS AUTOMATION INC	COM	114340102	2,278	51,487	SH	SOLE	1	51,487	0	0
BROWN & BROWN INC	COM	115236101	17,921	439,677	SH	SOLE	1	439,677	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	66	1,138	SH	SOLE	1	1,138	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	4,147	65,149	SH	SOLE	1	65,149	0	0
BRP GROUP INC A	COM CL A	05589G102	210	12,149	SH	SOLE	1	12,149	0	0
BRT APARTMENTS CORP	COM	055645303	66	6,076	SH	SOLE	1	6,076	0	0
BRUKER CORP	COM	116794108	80	1,976	SH	SOLE	1	1,976	0	0
BRUNSWICK CORP	COM	117043109	9,463	147,839	SH	SOLE	1	147,839	0	0
BRYN MAWR BANK CORP	COM	117665109	333	12,050	SH	SOLE	1	12,050	0	0
BUCKLE INC/THE	COM	118440106	321	20,468	SH	SOLE	1	20,468	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	1,464	70,734	SH	SOLE	1	70,734	0	0
BUNGE LTD	COM	G16962105	74	1,804	SH	SOLE	1	1,804	0	0
BURLINGTON STORES INC	COM	122017106	331	1,679	SH	SOLE	1	1,679	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	114	7,436	SH	SOLE	1	7,436	0	0

BWX TECHNOLOGIES INC	COM	05605H100	120	2,114	SH	SOLE	1	2,114	0	0
BYLINE BANCORP INC	COM	124411109	194	14,844	SH	SOLE	1	14,844	0	0
C & F FINANCIAL CORP	COM	12466Q104	71	2,124	SH	SOLE	1	2,124	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	15,782	199,625	SH	SOLE	1	199,625	0	0
CABALETTA BIO INC	COM	12674W109	88	7,896	SH	SOLE	1	7,896	0	0
CABLE ONE INC	COM	12685J105	17,573	9,901	SH	SOLE	1	9,901	0	0
CABOT CORP	COM	127055101	3,908	105,466	SH	SOLE	1	105,466	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	10,002	71,677	SH	SOLE	1	71,677	0	0
CABOT OIL & GAS CORP	COM	127097103	2,731	158,985	SH	SOLE	1	158,985	0	0
CACI INTERNATIONAL INC CL A	CL A	127190304	10,177	46,923	SH	SOLE	1	46,923	0	0
CACTUS INC A	COM	127203107	600	29,105	SH	SOLE	1	29,105	0	0
CADENCE BANCORP	COM	12739A100	786	88,761	SH	SOLE	1	88,761	0	0
CADENCE DESIGN SYS INC	COM	127387108	11,227	116,996	SH	SOLE	1	116,996	0	0
CADIZ INC	COM	127537207	124	12,196	SH	SOLE	1	12,196	0	0
CAESARS ENTERTAINMENT CORP	COM	127686103	12,713	1,048,056	SH	SOLE	1	1,048,056	0	0
CAESARSTONE LTD	COM	M20598104	161	13,608	SH	SOLE	1	13,608	0	0
CAI INTERNATIONAL INC	COM	12477X106	167	10,041	SH	SOLE	1	10,041	0	0
CAL MAINE FOODS INC	COM	128030202	991	22,271	SH	SOLE	1	22,271	0	0
CALAMP CORP	COM	128126109	191	23,785	SH	SOLE	1	23,785	0	0
CALAVO GROWERS INC	COM	128246105	732	11,640	SH	SOLE	1	11,640	0	0
CALEDONIA MINING CORP PLC	PLC SHS	G1757E113	118	6,826	SH	SOLE	1	6,826	0	0
CALERES INC	COM	129500104	228	27,318	SH	SOLE	1	27,318	0	0
CALIFORNIA BANCORP INC	COM	13005U101	69	4,630	SH	SOLE	1	4,630	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q206	36	29,764	SH	SOLE	1	29,764	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,644	34,472	SH	SOLE	1	34,472	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	212	40,222	SH	SOLE	1	40,222	0	0
CALIX INC	COM	13100M509	443	29,705	SH	SOLE	1	29,705	0	0
CALLAWAY GOLF COMPANY	COM	131193104	1,158	66,139	SH	SOLE	1	66,139	0	0
CALLON PETROLEUM CO	COM	13123X102	44	38,000	SH	SOLE	1	38,000	0	0
CALYXT INC	COM	13173L107	31	6,322	SH	SOLE	1	6,322	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	25	3,412	SH	SOLE	1	3,412	0	0
CAMBRIDGE BANCORP	COM	132152109	231	3,894	SH	SOLE	1	3,894	0	0
CAMDEN NATIONAL CORP	COM	133034108	312	9,027	SH	SOLE	1	9,027	0	0
CAMDEN PROPERTY TRUST	COM	133131102	16,721	183,304	SH	SOLE	1	183,304	0	0
CAMPBELL SOUP CO	COM	134429109	4,297	86,584	SH	SOLE	1	86,584	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	545	20,067	SH	SOLE	1	20,067	0	0
CANNAE HOLDINGS INC	COM	13765N107	3,354	81,608	SH	SOLE	1	81,608	0	0
CANTEL MEDICAL CORP	COM	138098108	4,070	92,026	SH	SOLE	1	92,026	0	0
CAPITAL BANCORP INC/MD	COM	139737100	52	4,860	SH	SOLE	1	4,860	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	172	8,201	SH	SOLE	1	8,201	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	9,339	149,202	SH	SOLE	1	149,202	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	893	81,153	SH	SOLE	1	81,153	0	0

CAPRI HOLDINGS LTD	COM	G1890L107	252	16,151	SH	SOLE	1	16,151	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	117	9,771	SH	SOLE	1	9,771	0	0
CAPSTEAD MORTGAGE CORP	COM	14067E506	371	67,532	SH	SOLE	1	67,532	0	0
CARA THERAPEUTICS INC	COM	140755109	430	25,175	SH	SOLE	1	25,175	0	0
CARDINAL HEALTH INC	COM	14149Y108	213,554	4,091,861	SH	SOLE	1	4,091,861	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	773	24,493	SH	SOLE	1	24,493	0	0
CARDLYTICS INC	COM	14161W105	1,107	15,812	SH	SOLE	1	15,812	0	0
CARDTRONICS PLC A	COM	G1991C105	610	25,457	SH	SOLE	1	25,457	0	0
CAREDX INC	COM	14167L103	928	26,185	SH	SOLE	1	26,185	0	0
CARETRUST REIT INC	COM	14174T107	1,284	74,821	SH	SOLE	1	74,821	0	0
CARGURUS INC	COM	141788109	1,339	52,825	SH	SOLE	1	52,825	0	0
CARLISLE COS INC	COM	142339100	12,277	102,587	SH	SOLE	1	102,587	0	0
CARLYLE GROUP INC/THE	COM	14316J108	47	1,678	SH	SOLE	1	1,678	0	0
CARMAX INC	COM	143130102	5,048	56,371	SH	SOLE	1	56,371	0	0
CARNIVAL CORP	COM	143658300	2,650	161,400	SH	SOLE	1	161,400	0	0
CARPENTER TECHNOLOGY	COM	144285103	2,859	117,735	SH	SOLE	1	117,735	0	0
CARRIAGE SERVICES INC	COM	143905107	183	10,075	SH	SOLE	1	10,075	0	0
CARRIER GLOBAL CORP	COM	14448C104	6,560	295,213	SH	SOLE	1	295,213	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	105	21,594	SH	SOLE	1	21,594	0	0
CARS.COM INC	COM	14575E105	238	41,264	SH	SOLE	1	41,264	0	0
CARTER BANK & TRUST	COM	146102108	112	13,862	SH	SOLE	1	13,862	0	0
CARTER S INC	COM	146229109	6,575	81,472	SH	SOLE	1	81,472	0	0
CARVANA CO	COM	146869102	180	1,495	SH	SOLE	1	1,495	0	0
CASA SYSTEMS INC	COM	14713L102	81	19,386	SH	SOLE	1	19,386	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	1,468	28,173	SH	SOLE	1	28,173	0	0
CASEY S GENERAL STORES INC	COM	147528103	10,279	68,746	SH	SOLE	1	68,746	0	0
CASI PHARMACEUTICALS INC	COM	14757U109	82	32,918	SH	SOLE	1	32,918	0	0
CASPER SLEEP INC	COM	147626105	46	5,156	SH	SOLE	1	5,156	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	340	8,705	SH	SOLE	1	8,705	0	0
CASSAVA SCIENCES INC	COM	14817C107	44	14,173	SH	SOLE	1	14,173	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	236	6,269	SH	SOLE	1	6,269	0	0
CATABASIS PHARMACEUTICALS IN	COM	14875P206	71	11,034	SH	SOLE	1	11,034	0	0
CATALENT INC	COM	148806102	22,266	303,771	SH	SOLE	1	303,771	0	0
CATALYST BIOSCIENCES INC	COM	14888D208	63	10,660	SH	SOLE	1	10,660	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	274	59,358	SH	SOLE	1	59,358	0	0
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	264	29,809	SH	SOLE	1	29,809	0	0
CATERPILLAR INC	COM	149123101	234,228	1,851,604	SH	SOLE	1	1,851,604	0	0
CATHAY GENERAL BANCORP	COM	149150104	4,909	186,669	SH	SOLE	1	186,669	0	0
CATO CORP CLASS A	COM	149205106	121	14,816	SH	SOLE	1	14,816	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,181	6,124	SH	SOLE	1	6,124	0	0
CB FINANCIAL SERVICES INC	COM	12479G101	66	3,020	SH	SOLE	1	3,020	0	0
CBIZ INC	COM	124805102	747	31,183	SH	SOLE	1	31,183	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	4,050	43,421	SH	SOLE	1	43,421	0	0

CBRE GROUP INC A	COM	12504L109	5,233	115,716	SH	SOLE	1	115,716	0	0
CBTX INC	COM	12481V104	227	10,804	SH	SOLE	1	10,804	0	0
CDK GLOBAL INC	COM	12508E101	9,414	227,285	SH	SOLE	1	227,285	0	0
CDW CORP/DE	COM	12514G108	6,933	59,676	SH	SOLE	1	59,676	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	125	18,942	SH	SOLE	1	18,942	0	0
CEDAR REALTY TRUST INC	COM	150602209	8	8,266	SH	SOLE	1	8,266	0	0
CEL SCI CORP	COM	150837607	300	20,104	SH	SOLE	1	20,104	0	0
CELANESE CORP	COM	150870103	4,109	47,595	SH	SOLE	1	47,595	0	0
CELLULAR BIOMEDICINE GROUP I	COM	15117P102	113	7,535	SH	SOLE	1	7,535	0	0
CELSIUS HOLDINGS INC	COM	15118V207	247	21,010	SH	SOLE	1	21,010	0	0
CENTENE CORP	COM	15135B101	15,805	248,706	SH	SOLE	1	248,706	0	0
CENTERPOINT ENERGY INC	COM	15189T107	3,455	185,076	SH	SOLE	1	185,076	0	0
CENTOGENE NV	COM	N1976T109	57	2,498	SH	SOLE	1	2,498	0	0
CENTRAL EUROPEAN MEDIA ENT A	COM	G20045202	193	54,475	SH	SOLE	1	54,475	0	0
CENTRAL GARDEN & PET CO	COM	153527106	246	6,824	SH	SOLE	1	6,824	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	943	27,921	SH	SOLE	1	27,921	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	312	19,476	SH	SOLE	1	19,476	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	99	6,465	SH	SOLE	1	6,465	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	254	35,685	SH	SOLE	1	35,685	0	0
CENTURY BANCORP INC CL A	CL A	156432106	133	1,709	SH	SOLE	1	1,709	0	0
CENTURY CASINOS INC	COM	156492100	69	16,565	SH	SOLE	1	16,565	0	0
CENTURY COMMUNITIES INC	COM	156504300	632	20,620	SH	SOLE	1	20,620	0	0
CENTURYLINK INC	COM	156700106	158,394	15,792,024	SH	SOLE	1	15,792,024	0	0
CERECOR INC	COM	15671L109	46	17,647	SH	SOLE	1	17,647	0	0
CERENCE INC	COM	156727109	918	22,482	SH	SOLE	1	22,482	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	15,124	190,796	SH	SOLE	1	190,796	0	0
CERNER CORP	COM	156782104	9,652	140,806	SH	SOLE	1	140,806	0	0
CERUS CORP	COM	157085101	654	99,095	SH	SOLE	1	99,095	0	0
CEVA INC	COM	157210105	576	15,384	SH	SOLE	1	15,384	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	2,124	75,463	SH	SOLE	1	75,463	0	0
CHAMPIONS ONCOLOGY INC	COM	15870P307	42	4,413	SH	SOLE	1	4,413	0	0
CHAMPIONX CORP	COM	15872M104	4,473	458,282	SH	SOLE	1	458,282	0	0
CHANGE HEALTHCARE INC	COM	15912K100	64	5,711	SH	SOLE	1	5,711	0	0
CHANNELADVISOR CORP	COM	159179100	264	16,684	SH	SOLE	1	16,684	0	0
CHARLES RIVER LABORATORIES	COM	159864107	16,227	93,071	SH	SOLE	1	93,071	0	0
CHART INDUSTRIES INC	COM	16115Q308	1,234	25,451	SH	SOLE	1	25,451	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	31,837	62,421	SH	SOLE	1	62,421	0	0
CHASE CORP	COM	16150R104	462	4,512	SH	SOLE	1	4,512	0	0
CHATHAM LODGING TRUST	COM	16208T102	201	32,844	SH	SOLE	1	32,844	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	3,030	28,203	SH	SOLE	1	28,203	0	0
CHECKPOINT THERAPEUTICS INC	COM	162828107	49	24,984	SH	SOLE	1	24,984	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	686	29,928	SH	SOLE	1	29,928	0	0

CHEFS WAREHOUSE INC/THE	COM	163086101	246	18,121	SH	SOLE	1	18,121	0	0
CHEGG INC	COM	163092109	223	3,312	SH	SOLE	1	3,312	0	0
CHEMBIO DIAGNOSTICS INC	COM	163572209	39	11,917	SH	SOLE	1	11,917	0	0
CHEMED CORP	COM	16359R103	13,476	29,876	SH	SOLE	1	29,876	0	0
CHEMOCENTRYX INC	COM	16383L106	1,565	27,201	SH	SOLE	1	27,201	0	0
CHEMOURS CO/THE	COM	163851108	4,710	306,811	SH	SOLE	1	306,811	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	60	2,200	SH	SOLE	1	2,200	0	0
CHENIERE ENERGY INC	COM	16411R208	306	6,330	SH	SOLE	1	6,330	0	0
CHERRY HILL MORTGAGE INVESTM	COM	164651101	84	9,295	SH	SOLE	1	9,295	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	829	9,874	SH	SOLE	1	9,874	0	0
CHEVRON CORP	COM	166764100	241,669	2,708,385	SH	SOLE	1	2,708,385	0	0
CHIASMA INC	COM	16706W102	121	22,407	SH	SOLE	1	22,407	0	0
CHICO S FAS INC	COM	168615102	116	84,212	SH	SOLE	1	84,212	0	0
CHILDREN S PLACE INC/THE	COM	168905107	376	10,041	SH	SOLE	1	10,041	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	1,128	117,401	SH	SOLE	1	117,401	0	0
CHIMERIX INC	COM	16934W106	92	29,593	SH	SOLE	1	29,593	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	9,774	9,288	SH	SOLE	1	9,288	0	0
CHOICE HOTELS INTL INC	COM	169905106	4,655	58,995	SH	SOLE	1	58,995	0	0
CHOICEONE FINANCIAL SVCS INC	COM	170386106	123	4,173	SH	SOLE	1	4,173	0	0
CHROMADEX CORP	COM	171077407	114	24,926	SH	SOLE	1	24,926	0	0
CHUBB LTD	COM	H1467J104	22,943	181,197	SH	SOLE	1	181,197	0	0
CHURCH & DWIGHT CO INC	COM	171340102	6,795	87,908	SH	SOLE	1	87,908	0	0
CHURCHILL DOWNS INC	COM	171484108	11,766	88,364	SH	SOLE	1	88,364	0	0
CHUY S HOLDINGS INC	COM	171604101	175	11,728	SH	SOLE	1	11,728	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	12	1,326	SH	SOLE	1	1,326	0	0
CIDARA THERAPEUTICS INC	COM	171757107	75	20,429	SH	SOLE	1	20,429	0	0
CIENA CORP	COM	171779309	15,547	287,052	SH	SOLE	1	287,052	0	0
CIGNA CORP	COM	125523100	22,690	120,914	SH	SOLE	1	120,914	0	0
CIM COMMERCIAL TRUST CORP	COM	125525584	73	6,779	SH	SOLE	1	6,779	0	0
CIMAREX ENERGY CO	COM	171798101	5,243	190,742	SH	SOLE	1	190,742	0	0
CIMPRESS PLC	SHS EURO	G2143T103	830	10,876	SH	SOLE	1	10,876	0	0
CINCINNATI BELL INC	COM	171871502	527	35,501	SH	SOLE	1	35,501	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	3,312	51,718	SH	SOLE	1	51,718	0	0
CINEMARK HOLDINGS INC	COM	17243V102	3,048	263,914	SH	SOLE	1	263,914	0	0
CINTAS CORP	COM	172908105	10,062	37,775	SH	SOLE	1	37,775	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	360	14,116	SH	SOLE	1	14,116	0	0
CIRRUS LOGIC INC	COM	172755100	6,738	109,069	SH	SOLE	1	109,069	0	0
CISCO SYSTEMS INC	COM	17275R102	295,782	6,341,801	SH	SOLE	1	6,341,801	0	0
CIT GROUP INC	COM	125581801	5,034	242,844	SH	SOLE	1	242,844	0	0
CITI TRENDS INC	COM	17306X102	135	6,672	SH	SOLE	1	6,672	0	0
CITIGROUP INC	COM	172967424	34,860	682,200	SH	SOLE	1	682,200	0	0
CITIZENS & NORTHERN CORP	COM	172922106	169	8,165	SH	SOLE	1	8,165	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	4,010	158,894	SH	SOLE	1	158,894	0	0
CITIZENS HOLDING COMPANY	COM	174715102	72	2,863	SH	SOLE	1	2,863	0	0

CITIZENS INC	COM	174740100	182	30,316	SH	SOLE	1	30,316	0	0
CITRIX SYSTEMS INC	COM	177376100	7,692	52,002	SH	SOLE	1	52,002	0	0
CITY HOLDING CO	COM	177835105	729	11,188	SH	SOLE	1	11,188	0	0
CITY OFFICE REIT INC	COM	178587101	289	28,705	SH	SOLE	1	28,705	0	0
CIVISTA BANCSHARES INC	COM	178867107	149	9,661	SH	SOLE	1	9,661	0	0
CLARUS CORP	COM	18270P109	165	14,253	SH	SOLE	1	14,253	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	178	80,373	SH	SOLE	1	80,373	0	0
CLEAN HARBORS INC	COM	184496107	5,730	95,540	SH	SOLE	1	95,540	0	0
CLEARFIELD INC	COM	18482P103	95	6,833	SH	SOLE	1	6,833	0	0
CLEARWATER PAPER CORP	COM	18538R103	413	11,424	SH	SOLE	1	11,424	0	0
CLEARWAY ENERGY INC A	COM	18539C105	447	21,330	SH	SOLE	1	21,330	0	0
CLEARWAY ENERGY INC C	COM	18539C204	1,125	48,766	SH	SOLE	1	48,766	0	0
CLEVELAND CLIFFS INC	COM	185899101	1,544	279,762	SH	SOLE	1	279,762	0	0
CLIPPER REALTY INC	COM	18885T306	192	23,748	SH	SOLE	1	23,748	0	0
CLOROX COMPANY	COM	189054109	11,547	52,637	SH	SOLE	1	52,637	0	0
CLOUDERA INC	COM	18914U100	1,594	125,284	SH	SOLE	1	125,284	0	0
CLOUDFLARE INC CLASS A	COM	18915M107	107	2,983	SH	SOLE	1	2,983	0	0
CLOVIS ONCOLOGY INC	COM	189464100	298	44,219	SH	SOLE	1	44,219	0	0
CME GROUP INC	COM	12572Q105	23,184	142,636	SH	SOLE	1	142,636	0	0
CMS ENERGY CORP	COM	125896100	7,402	126,695	SH	SOLE	1	126,695	0	0
CNA FINANCIAL CORP	COM	126117100	12	367	SH	SOLE	1	367	0	0
CNB FINANCIAL CORP/PA	COM	126128107	162	9,053	SH	SOLE	1	9,053	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	5,513	354,096	SH	SOLE	1	354,096	0	0
CNX RESOURCES CORP	COM	12653C108	3,984	460,550	SH	SOLE	1	460,550	0	0
CO DIAGNOSTICS INC	COM	189763105	307	15,863	SH	SOLE	1	15,863	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	81	5,559	SH	SOLE	1	5,559	0	0
COCA COLA CO/THE	COM	191216100	67,400	1,508,499	SH	SOLE	1	1,508,499	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	761	3,321	SH	SOLE	1	3,321	0	0
COCA COLA EUROPEAN PARTNERS	COM	G25839104	2,301	60,942	SH	SOLE	1	60,942	0	0
CODEXIS INC	COM	192005106	374	32,793	SH	SOLE	1	32,793	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	79	5,724	SH	SOLE	1	5,724	0	0
COEUR MINING INC	COM	192108504	752	148,103	SH	SOLE	1	148,103	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	2,322	30,011	SH	SOLE	1	30,011	0	0
COGNEX CORP	COM	192422103	19,292	323,042	SH	SOLE	1	323,042	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	13,168	231,751	SH	SOLE	1	231,751	0	0
COHBAR INC	COM	19249J109	23	14,964	SH	SOLE	1	14,964	0	0
COHEN & STEERS INC	COM	19247A100	1,017	14,950	SH	SOLE	1	14,950	0	0
COHERENT INC	COM	192479103	5,972	45,597	SH	SOLE	1	45,597	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	737	41,247	SH	SOLE	1	41,247	0	0
COHU INC	COM	192576106	505	29,134	SH	SOLE	1	29,134	0	0
COLFAX CORP	COM	194014106	4,385	157,163	SH	SOLE	1	157,163	0	0
COLGATE PALMOLIVE CO	COM	194162103	25,232	344,421	SH	SOLE	1	344,421	0	0
COLLECTORS UNIVERSE	COM	19421R200	191	5,568	SH	SOLE	1	5,568	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	367	20,994	SH	SOLE	1	20,994	0	0
COLONY BANKCORP	COM	19623P101	56	4,722	SH	SOLE	1	4,722	0	0
COLONY CAPITAL INC	COM	19626G108	713	296,970	SH	SOLE	1	296,970	0	0

COLONY CREDIT REAL ESTATE IN	COM	19625T101	361	51,419	SH	SOLE	1	51,419	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	1,439	50,765	SH	SOLE	1	50,765	0	0
COLUMBIA FINANCIAL INC	COM	197641103	420	30,080	SH	SOLE	1	30,080	0	0
COLUMBIA PROPERTY TRUST INC	COM NEW	198287203	1,016	77,340	SH	SOLE	1	77,340	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	4,281	53,125	SH	SOLE	1	53,125	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	474	14,170	SH	SOLE	1	14,170	0	0
COMCAST CORP CLASS A	COM	20030N101	71,021	1,821,976	SH	SOLE	1	1,821,976	0	0
COMERICA INC	COM	200340107	1,805	47,380	SH	SOLE	1	47,380	0	0
COMFORT SYSTEMS USA INC	COM	199908104	1,038	25,465	SH	SOLE	1	25,465	0	0
COMMERCE BANCSHARES INC	COM	200525103	11,154	187,551	SH	SOLE	1	187,551	0	0
COMMERCIAL METALS CO	COM	201723103	5,990	293,642	SH	SOLE	1	293,642	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	22	2,696	SH	SOLE	1	2,696	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	2,075	36,398	SH	SOLE	1	36,398	0	0
COMMUNITY BANKERS TRUST CORP	COM	203612106	73	13,316	SH	SOLE	1	13,316	0	0
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	78	3,183	SH	SOLE	1	3,183	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	191	63,570	SH	SOLE	1	63,570	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	608	14,861	SH	SOLE	1	14,861	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	311	9,493	SH	SOLE	1	9,493	0	0
COMMVault SYSTEMS INC	COM	204166102	4,039	104,363	SH	SOLE	1	104,363	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	4,085	83,796	SH	SOLE	1	83,796	0	0
COMPUTER PROGRAMS & SYSTEMS	COM	205306103	207	9,068	SH	SOLE	1	9,068	0	0
COMPX INTERNATIONAL INC	COM	20563P101	14	1,012	SH	SOLE	1	1,012	0	0
COMSCORE INC	COM	20564W105	111	35,729	SH	SOLE	1	35,729	0	0
COMSTOCK RESOURCES INC	COM	205768302	54	12,234	SH	SOLE	1	12,234	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	291	17,235	SH	SOLE	1	17,235	0	0
CONAGRA BRANDS INC	COM	205887102	5,838	165,985	SH	SOLE	1	165,985	0	0
CONCERT PHARMACEUTICALS INC	COM	206022105	174	17,492	SH	SOLE	1	17,492	0	0
CONCHO RESOURCES INC	COM	20605P101	4,196	81,474	SH	SOLE	1	81,474	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	57	16,381	SH	SOLE	1	16,381	0	0
CONDUENT INC	COM	206787103	241	100,909	SH	SOLE	1	100,909	0	0
CONMED CORP	COM	207410101	1,393	19,353	SH	SOLE	1	19,353	0	0
CONN S INC	COM	208242107	126	12,511	SH	SOLE	1	12,511	0	0
CONNECTONE BANCORP INC	COM	20786W107	365	22,671	SH	SOLE	1	22,671	0	0
CONOCOPHILLIPS	COM	20825C104	18,920	450,257	SH	SOLE	1	450,257	0	0
CONSOL ENERGY INC	COM	20854L108	93	18,384	SH	SOLE	1	18,384	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	349	51,487	SH	SOLE	1	51,487	0	0
CONSOLIDATED EDISON INC	COM	209115104	12,846	178,594	SH	SOLE	1	178,594	0	0

CONSOLIDATED WATER CO ORD SH	COM	G23773107	128	8,863	SH	SOLE	1	8,863	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	9,629	55,037	SH	SOLE	1	55,037	0	0
CONSTELLATION PHARMACEUTICAL	COM	210373106	497	16,534	SH	SOLE	1	16,534	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	205	11,517	SH	SOLE	1	11,517	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	32	9,730	SH	SOLE	1	9,730	0	0
CONTANGO OIL & GAS	COM	21075N204	126	54,833	SH	SOLE	1	54,833	0	0
CONTINENTAL RESOURCES INC/OK	COM	212015101	17	977	SH	SOLE	1	977	0	0
CONTRAFECT CORP	COM	212326300	53	8,241	SH	SOLE	1	8,241	0	0
COOPER COS INC/THE	COM	216648402	5,718	20,160	SH	SOLE	1	20,160	0	0
COOPER STANDARD HOLDING	COM	21676P103	157	11,854	SH	SOLE	1	11,854	0	0
COOPER TIRE & RUBBER	COM	216831107	984	35,642	SH	SOLE	1	35,642	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	21	410	SH	SOLE	1	410	0	0
COPART INC	COM	217204106	7,348	88,241	SH	SOLE	1	88,241	0	0
CORBUS PHARMACEUTICALS HOLDI	COM	21833P103	340	40,520	SH	SOLE	1	40,520	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	1,154	68,581	SH	SOLE	1	68,581	0	0
CORE LABORATORIES N.V.	COM	N22717107	86	4,255	SH	SOLE	1	4,255	0	0
CORE MARK HOLDING CO INC	COM	218681104	790	31,637	SH	SOLE	1	31,637	0	0
CORECIVIC INC	COM	21871N101	2,762	295,110	SH	SOLE	1	295,110	0	0
CORELOGIC INC	COM	21871D103	9,977	148,424	SH	SOLE	1	148,424	0	0
COREENERGY INFRASTRUCTURE TRU	COM	21870U502	77	8,395	SH	SOLE	1	8,395	0	0
COREPOINT LODGING INC	COM	21872L104	101	24,012	SH	SOLE	1	24,012	0	0
CORESITE REALTY CORP	COM	21870Q105	9,323	77,009	SH	SOLE	1	77,009	0	0
CORMEDIX INC	COM	21900C308	99	15,783	SH	SOLE	1	15,783	0	0
CORNERSTONE BUILDING BRANDS	COM	21925D109	162	26,741	SH	SOLE	1	26,741	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	1,430	37,081	SH	SOLE	1	37,081	0	0
CORNING INC	COM	219350105	7,003	270,400	SH	SOLE	1	270,400	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	5,311	209,577	SH	SOLE	1	209,577	0	0
CORTEVA INC	COM	22052L104	6,833	255,046	SH	SOLE	1	255,046	0	0
CORTEXYME INC	COM	22053A107	445	9,620	SH	SOLE	1	9,620	0	0
CORVEL CORP	COM	221006109	444	6,268	SH	SOLE	1	6,268	0	0
COSTAMARE INC	COM	Y1771G102	169	30,352	SH	SOLE	1	30,352	0	0
COSTAR GROUP INC	COM	22160N109	2,406	3,385	SH	SOLE	1	3,385	0	0
COSTCO WHOLESALE CORP	COM	22160K105	52,236	172,276	SH	SOLE	1	172,276	0	0
COTY INC CL A	CL A	222070203	541	121,078	SH	SOLE	1	121,078	0	0
COUNTY BANCORP INC	COM	221907108	64	3,062	SH	SOLE	1	3,062	0	0
COUPA SOFTWARE INC	COM	22266L106	503	1,817	SH	SOLE	1	1,817	0	0
COUSINS PROPERTIES INC	COM	222795502	11,461	384,223	SH	SOLE	1	384,223	0	0
COVANTA HOLDING CORP	COM	22282E102	695	72,515	SH	SOLE	1	72,515	0	0
COVENANT LOGISTICS GROUP INC	CL A	22284P105	112	7,790	SH	SOLE	1	7,790	0	0
COVETRUS INC	COM	22304C100	1,241	69,344	SH	SOLE	1	69,344	0	0
COWEN INC A	COM	223622606	265	16,341	SH	SOLE	1	16,341	0	0
CRA INTERNATIONAL	COM	12618T105	182	4,609	SH	SOLE	1	4,609	0	0

INC										
CRACKER BARREL OLD COUNTRY	COM	22410J106	6,501	58,615	SH	SOLE	1	58,615	0	0
CRAFT BREW ALLIANCE INC	COM	224122101	108	7,038	SH	SOLE	1	7,038	0	0
CRANE CO	COM	224399105	5,474	92,069	SH	SOLE	1	92,069	0	0
CRAWFORD & COMPANY CL A	CL A	224633206	78	9,943	SH	SOLE	1	9,943	0	0
CREDICORP LTD	COM	G2519Y108	95	707	SH	SOLE	1	707	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	59	141	SH	SOLE	1	141	0	0
CREE INC	COM	225447101	11,961	202,085	SH	SOLE	1	202,085	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	290	16,549	SH	SOLE	1	16,549	0	0
CROCS INC	COM	227046109	1,741	47,285	SH	SOLE	1	47,285	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	157	25,480	SH	SOLE	1	25,480	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	287	29,314	SH	SOLE	1	29,314	0	0
CROWDSTRIKE HOLDINGS INC A	CL A	22788C105	271	2,704	SH	SOLE	1	2,704	0	0
CROWN CASTLE INTL CORP	COM	22822V101	26,738	159,773	SH	SOLE	1	159,773	0	0
CROWN HOLDINGS INC	COM	228368106	123	1,885	SH	SOLE	1	1,885	0	0
CRYOLIFE INC	COM	228903100	501	26,131	SH	SOLE	1	26,131	0	0
CRYOPORT INC	COM	229050307	621	20,514	SH	SOLE	1	20,514	0	0
CSG SYSTEMS INTL INC	COM	126349109	959	23,162	SH	SOLE	1	23,162	0	0
CSW INDUSTRIALS INC	COM	126402106	595	8,606	SH	SOLE	1	8,606	0	0
CSX CORP	COM	126408103	23,299	334,077	SH	SOLE	1	334,077	0	0
CTO REALTY GROWTH INC	COM	22948P103	113	2,852	SH	SOLE	1	2,852	0	0
CTS CORP	COM	126501105	452	22,561	SH	SOLE	1	22,561	0	0
CUBESMART	COM	229663109	200	7,406	SH	SOLE	1	7,406	0	0
CUBIC CORP	COM	229669106	1,067	22,209	SH	SOLE	1	22,209	0	0
CUE BIOPHARMA INC	COM	22978P106	416	16,959	SH	SOLE	1	16,959	0	0
CULLEN/FROST BANKERS INC	COM	229899109	7,945	106,343	SH	SOLE	1	106,343	0	0
CUMMINS INC	COM	231021106	224,123	1,293,562	SH	SOLE	1	1,293,562	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	91	11,190	SH	SOLE	1	11,190	0	0
CURTISS WRIGHT CORP	COM	231561101	6,948	77,819	SH	SOLE	1	77,819	0	0
CUSHMAN & WAKEFIELD PLC	COM	G2717B108	842	67,598	SH	SOLE	1	67,598	0	0
CUSTOMERS BANCORP INC	COM	23204G100	244	20,314	SH	SOLE	1	20,314	0	0
CUTERA INC	COM	232109108	145	11,924	SH	SOLE	1	11,924	0	0
CVB FINANCIAL CORP	COM	126600105	1,712	91,379	SH	SOLE	1	91,379	0	0
CVR ENERGY INC	COM	12662P108	364	18,107	SH	SOLE	1	18,107	0	0
CVS HEALTH CORP	COM	126650100	42,509	654,288	SH	SOLE	1	654,288	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	515	5,189	SH	SOLE	1	5,189	0	0
CYBEROPTICS CORP	COM	232517102	138	4,299	SH	SOLE	1	4,299	0	0
CYCLERION THERAPEUTICS INC	COM	23255M105	80	13,545	SH	SOLE	1	13,545	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	148	42,362	SH	SOLE	1	42,362	0	0
CYRUSONE INC	COM	23283R100	15,833	217,637	SH	SOLE	1	217,637	0	0
CYTOKINETICS INC	COM	23282W605	941	39,923	SH	SOLE	1	39,923	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	230	27,611	SH	SOLE	1	27,611	0	0
CYTOSORBENTS CORP	COM	23283X206	209	21,090	SH	SOLE	1	21,090	0	0
DAILY JOURNAL CORP	COM	233912104	188	695	SH	SOLE	1	695	0	0
DAKTRONICS INC	COM	234264109	114	26,167	SH	SOLE	1	26,167	0	0
DANA INC	COM	235825205	4,346	356,557	SH	SOLE	1	356,557	0	0

DANAHER CORP W/D	COM	235851102	47,185	266,837	SH	SOLE	1	266,837	0	0
DARDEN RESTAURANTS INC	COM	237194105	3,374	44,531	SH	SOLE	1	44,531	0	0
DARLING INGREDIENTS INC	COM	237266101	9,916	402,755	SH	SOLE	1	402,755	0	0
DASAN ZHONE SOLUTIONS INC	COM	23305L206	66	7,358	SH	SOLE	1	7,358	0	0
DASEKE INC	COM	23753F107	109	27,860	SH	SOLE	1	27,860	0	0
DATADOG INC CLASS A	COM	23804L103	363	4,171	SH	SOLE	1	4,171	0	0
DAVE & BUSTER S ENTERTAINMEN	COM	238337109	439	32,947	SH	SOLE	1	32,947	0	0
DAVITA INC	COM	23918K108	3,929	49,647	SH	SOLE	1	49,647	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	1,366	22,880	SH	SOLE	1	22,880	0	0
DECKERS OUTDOOR CORP	COM	243537107	13,564	69,065	SH	SOLE	1	69,065	0	0
DEERE & CO	COM	244199105	19,165	121,956	SH	SOLE	1	121,956	0	0
DEL TACO RESTAURANTS INC	COM	245496104	108	18,238	SH	SOLE	1	18,238	0	0
DELEK US HOLDINGS INC	COM	24665A103	665	38,213	SH	SOLE	1	38,213	0	0
DELMAR BANCORP	COM	247035207	40	6,039	SH	SOLE	1	6,039	0	0
DELPHI TECHNOLOGIES PLC	COM	G2709G107	2,277	160,207	SH	SOLE	1	160,207	0	0
DELTA AIR LINES INC	COM	247361702	7,996	285,062	SH	SOLE	1	285,062	0	0
DELUXE CORP	COM	248019101	2,927	124,362	SH	SOLE	1	124,362	0	0
DENALI THERAPEUTICS INC	COM	24823R105	930	38,459	SH	SOLE	1	38,459	0	0
DENBURY RESOURCES INC	COM	247916208	13	48,480	SH	SOLE	1	48,480	0	0
DENNY S CORP	COM	24869P104	335	33,193	SH	SOLE	1	33,193	0	0
DENTSPLY SIRONA INC	COM	24906P109	3,837	87,090	SH	SOLE	1	87,090	0	0
DERMTECH INC	COM	24984K105	66	4,953	SH	SOLE	1	4,953	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	290	42,907	SH	SOLE	1	42,907	0	0
DEVON ENERGY CORP	COM	25179M103	1,794	158,228	SH	SOLE	1	158,228	0	0
DEXCOM INC	COM	252131107	16,469	40,625	SH	SOLE	1	40,625	0	0
DHI GROUP INC	COM	23331S100	62	29,724	SH	SOLE	1	29,724	0	0
DHT HOLDINGS INC	COM	Y2065G121	350	68,184	SH	SOLE	1	68,184	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	216	1,897	SH	SOLE	1	1,897	0	0
DIAMOND S SHIPPING INC	COM	Y20676105	134	16,734	SH	SOLE	1	16,734	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	2,700	64,564	SH	SOLE	1	64,564	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	856	154,786	SH	SOLE	1	154,786	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	1,009	39,730	SH	SOLE	1	39,730	0	0
DICK S SPORTING GOODS INC	COM	253393102	5,021	121,691	SH	SOLE	1	121,691	0	0
DIEBOLD NIXDORF INC	COM	253651103	305	50,349	SH	SOLE	1	50,349	0	0
DIGI INTERNATIONAL INC	COM	253798102	237	20,314	SH	SOLE	1	20,314	0	0
DIGIMARC CORP	COM	25381B101	117	7,309	SH	SOLE	1	7,309	0	0
DIGITAL REALTY TRUST INC	COM	253868103	13,498	94,980	SH	SOLE	1	94,980	0	0
DIGITAL TURBINE INC	COM	25400W102	633	50,374	SH	SOLE	1	50,374	0	0
DILLARDS INC CL A	CL A	254067101	119	4,616	SH	SOLE	1	4,616	0	0
DIME COMMUNITY BANCSHARES	COM	253922108	278	20,273	SH	SOLE	1	20,273	0	0
DINE BRANDS GLOBAL INC	COM	254423106	467	11,091	SH	SOLE	1	11,091	0	0
DIODES INC	COM	254543101	1,516	29,910	SH	SOLE	1	29,910	0	0

DISCOVER FINANCIAL SERVICES	COM	254709108	5,272	105,241	SH	SOLE	1	105,241	0	0
DISCOVERY INC A	COM	25470F104	2,705	128,183	SH	SOLE	1	128,183	0	0
DISCOVERY INC C	COM	25470F302	2,079	107,923	SH	SOLE	1	107,923	0	0
DISH NETWORK CORP A	COM	25470M109	4,513	130,787	SH	SOLE	1	130,787	0	0
DIVERSIFIED HEALTHCARE TRUST	COM SH BEN INT	25525P107	743	167,832	SH	SOLE	1	167,832	0	0
DMC GLOBAL INC	COM	23291C103	285	10,308	SH	SOLE	1	10,308	0	0
DOCUSIGN INC	COM	256163106	2,717	15,777	SH	SOLE	1	15,777	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	61	929	SH	SOLE	1	929	0	0
DOLLAR GENERAL CORP	COM	256677105	18,500	97,106	SH	SOLE	1	97,106	0	0
DOLLAR TREE INC	COM	256746108	8,953	96,598	SH	SOLE	1	96,598	0	0
DOMINION ENERGY INC	COM	25746U109	24,222	298,379	SH	SOLE	1	298,379	0	0
DOMINO S PIZZA INC	COM	25754A201	5,581	15,106	SH	SOLE	1	15,106	0	0
DOMO INC CLASS B	COM	257554105	502	15,590	SH	SOLE	1	15,590	0	0
DOMTAR CORP	COM	257559203	2,871	136,009	SH	SOLE	1	136,009	0	0
DONALDSON CO INC	COM	257651109	10,972	235,856	SH	SOLE	1	235,856	0	0
DONEGAL GROUP INC CL A	CL A	257701201	95	6,686	SH	SOLE	1	6,686	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	179	21,305	SH	SOLE	1	21,305	0	0
DORIAN LPG LTD	COM	Y2106R110	184	23,741	SH	SOLE	1	23,741	0	0
DORMAN PRODUCTS INC	COM	258278100	1,278	19,053	SH	SOLE	1	19,053	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	484	13,788	SH	SOLE	1	13,788	0	0
DOUGLAS EMMETT INC	COM	25960P109	9,550	311,481	SH	SOLE	1	311,481	0	0
DOVER CORP	COM	260003108	4,774	49,436	SH	SOLE	1	49,436	0	0
DOW INC	COM	260557103	208,069	5,104,740	SH	SOLE	1	5,104,740	0	0
DR HORTON INC	COM	23331A109	6,334	114,230	SH	SOLE	1	114,230	0	0
DR. REDDY S LABORATORIES ADR	ADR	256135203	33	618	SH	SOLE	1	618	0	0
DRIL QUIP INC	COM	262037104	737	24,726	SH	SOLE	1	24,726	0	0
DROPBOX INC CLASS A	COM	26210C104	146	6,713	SH	SOLE	1	6,713	0	0
DSP GROUP INC	COM	23332B106	248	15,623	SH	SOLE	1	15,623	0	0
DTE ENERGY COMPANY	COM	233331107	7,055	65,630	SH	SOLE	1	65,630	0	0
DUCOMMUN INC	COM	264147109	230	6,585	SH	SOLE	1	6,585	0	0
DUKE ENERGY CORP	COM	26441C204	19,238	240,808	SH	SOLE	1	240,808	0	0
DUKE REALTY CORP	COM	264411505	4,630	130,830	SH	SOLE	1	130,830	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	50	6,768	SH	SOLE	1	6,768	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	10,072	154,412	SH	SOLE	1	154,412	0	0
DUPONT DE NEMOURS INC	COM	26614N102	15,672	294,974	SH	SOLE	1	294,974	0	0
DURECT CORPORATION	COM	266605104	281	120,957	SH	SOLE	1	120,957	0	0
DXC TECHNOLOGY CO	COM	23355L106	1,901	115,206	SH	SOLE	1	115,206	0	0
DXP ENTERPRISES INC	COM	233377407	230	11,576	SH	SOLE	1	11,576	0	0
DYADIC INTERNATIONAL INC	COM	26745T101	102	11,794	SH	SOLE	1	11,794	0	0
DYCOM INDUSTRIES INC	COM	267475101	3,168	77,468	SH	SOLE	1	77,468	0	0
DYNATRACE INC	COM	268150109	169	4,154	SH	SOLE	1	4,154	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	485	54,698	SH	SOLE	1	54,698	0	0
DYNEX CAPITAL INC	COM	26817Q886	194	13,538	SH	SOLE	1	13,538	0	0
E TRADE FINANCIAL CORP	COM	269246401	4,175	83,957	SH	SOLE	1	83,957	0	0
EAGLE BANCORP INC	COM	268948106	742	22,654	SH	SOLE	1	22,654	0	0
EAGLE BANCORP MONTANA INC	COM	26942G100	67	3,851	SH	SOLE	1	3,851	0	0

EAGLE BULK SHIPPING INC	COM	Y2187A143	59	27,034	SH	SOLE	1	27,034	0	0
EAGLE MATERIALS INC	COM	26969P108	5,460	77,752	SH	SOLE	1	77,752	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	366	7,637	SH	SOLE	1	7,637	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	40	14,231	SH	SOLE	1	14,231	0	0
EAST WEST BANCORP INC	COM	27579R104	9,580	264,344	SH	SOLE	1	264,344	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	1,383	59,813	SH	SOLE	1	59,813	0	0
EASTERN CO/THE	COM	276317104	59	3,297	SH	SOLE	1	3,297	0	0
EASTGROUP PROPERTIES INC	COM	277276101	11,398	96,098	SH	SOLE	1	96,098	0	0
EASTMAN CHEMICAL CO	COM	277432100	4,017	57,689	SH	SOLE	1	57,689	0	0
EASTMAN KODAK CO	COM	277461406	21	9,420	SH	SOLE	1	9,420	0	0
EATON CORP PLC	COM	G29183103	26,398	301,765	SH	SOLE	1	301,765	0	0
EATON VANCE CORP	COM	278265103	8,215	212,824	SH	SOLE	1	212,824	0	0
EBAY INC	COM	278642103	18,387	350,565	SH	SOLE	1	350,565	0	0
EBIX INC	COM	278715206	408	18,260	SH	SOLE	1	18,260	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	401	18,570	SH	SOLE	1	18,570	0	0
ECHOSTAR CORP A	COM	278768106	18	628	SH	SOLE	1	628	0	0
ECOLAB INC	COM	278865100	19,386	97,442	SH	SOLE	1	97,442	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	4,180	134,157	SH	SOLE	1	134,157	0	0
EDISON INTERNATIONAL	COM	281020107	6,980	128,526	SH	SOLE	1	128,526	0	0
EDITAS MEDICINE INC	COM	28106W103	1,003	33,924	SH	SOLE	1	33,924	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	14,228	205,875	SH	SOLE	1	205,875	0	0
EGAIN CORP	COM	28225C806	142	12,743	SH	SOLE	1	12,743	0	0
EHEALTH INC	COM	28238P109	1,772	18,042	SH	SOLE	1	18,042	0	0
EIDOS THERAPEUTICS INC	COM	28249H104	9,534	200,000	SH	SOLE	2	200,000	0	0
EIDOS THERAPEUTICS INC	COM	28249H104	319	6,688	SH	SOLE	1	6,688	0	0
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	138	14,409	SH	SOLE	1	14,409	0	0
EL PASO ELECTRIC CO	COM	283677854	1,934	28,873	SH	SOLE	1	28,873	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	190	12,843	SH	SOLE	1	12,843	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	112	5,225	SH	SOLE	1	5,225	0	0
ELASTIC NV	COM	N14506104	138	1,495	SH	SOLE	1	1,495	0	0
ELDORADO RESORTS INC	COM	28470R102	8,267	206,363	SH	SOLE	1	206,363	0	0
ELECTROMED INC	COM	285409108	65	4,255	SH	SOLE	1	4,255	0	0
ELECTRONIC ARTS INC	COM	285512109	16,073	121,721	SH	SOLE	1	121,721	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	31	2,835	SH	SOLE	1	2,835	0	0
ELF BEAUTY INC	COM	26856L103	307	16,113	SH	SOLE	1	16,113	0	0
ELI LILLY & CO	COM	532457108	45,656	278,086	SH	SOLE	1	278,086	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	297	25,240	SH	SOLE	1	25,240	0	0
ELLINGTON RESIDENTIAL MORTGA	COM SH BEN INT	288578107	57	5,513	SH	SOLE	1	5,513	0	0
ELOXX PHARMACEUTICALS INC	COM	29014R103	49	16,297	SH	SOLE	1	16,297	0	0
EMCOR GROUP INC	COM	29084Q100	10,408	157,364	SH	SOLE	1	157,364	0	0
EMERALD HOLDING INC	COM	29103W104	46	14,947	SH	SOLE	1	14,947	0	0

EMERGENT BIOSOLUTIONS INC	COM	29089Q105	2,496	31,568	SH	SOLE	1	31,568	0	0
EMERSON ELECTRIC CO	COM	291011104	228,487	3,683,492	SH	SOLE	1	3,683,492	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	89	12,643	SH	SOLE	1	12,643	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	638	21,172	SH	SOLE	1	21,172	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	663	13,198	SH	SOLE	1	13,198	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	11,539	186,330	SH	SOLE	1	186,330	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	743	21,751	SH	SOLE	1	21,751	0	0
ENCORE WIRE CORP	COM	292562105	705	14,432	SH	SOLE	1	14,432	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	542	158,099	SH	SOLE	1	158,099	0	0
ENDURANCE INTERNATIONAL GROU	COM	29272B105	163	40,441	SH	SOLE	1	40,441	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	5,681	119,634	SH	SOLE	1	119,634	0	0
ENERGY FUELS INC	COM	292671708	108	71,333	SH	SOLE	1	71,333	0	0
ENERGY RECOVERY INC	COM	29270J100	176	23,181	SH	SOLE	1	23,181	0	0
ENERPAC TOOL GROUP CORP	CL A	292765104	673	38,243	SH	SOLE	1	38,243	0	0
ENERSYS	COM	29275Y102	6,745	104,769	SH	SOLE	1	104,769	0	0
ENNIS INC	COM	293389102	284	15,671	SH	SOLE	1	15,671	0	0
ENOCHIAN BIOSCIENCES INC	COM	29350E104	36	8,435	SH	SOLE	1	8,435	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	310	20,834	SH	SOLE	1	20,834	0	0
ENPHASE ENERGY INC	COM	29355A107	7,321	153,890	SH	SOLE	1	153,890	0	0
ENPRO INDUSTRIES INC	COM	29355X107	721	14,624	SH	SOLE	1	14,624	0	0
ENSIGN GROUP INC/THE	COM	29358P101	1,511	36,110	SH	SOLE	1	36,110	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,124	7,357	SH	SOLE	1	7,357	0	0
ENTEGRIS INC	COM	29362U104	209	3,542	SH	SOLE	1	3,542	0	0
ENTERCOM COMMUNICATIONS CL A	CL A	293639100	99	71,725	SH	SOLE	1	71,725	0	0
ENERGY CORP	COM	29364G103	6,400	68,218	SH	SOLE	1	68,218	0	0
ENTERPRISE BANCORP INC	COM	293668109	131	5,494	SH	SOLE	1	5,494	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	458	14,710	SH	SOLE	1	14,710	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	51	35,976	SH	SOLE	1	35,976	0	0
ENVELA CORP	COM	29402E102	29	4,724	SH	SOLE	1	4,724	0	0
ENVESTNET INC	COM	29404K106	2,388	32,474	SH	SOLE	1	32,474	0	0
ENVISTA HOLDINGS CORP	COM	29415F104	44	2,085	SH	SOLE	1	2,085	0	0
ENZO BIOCHEM INC	COM	294100102	61	27,168	SH	SOLE	1	27,168	0	0
EOG RESOURCES INC	COM	26875P101	12,629	249,298	SH	SOLE	1	249,298	0	0
EPAM SYSTEMS INC	COM	29414B104	366	1,454	SH	SOLE	1	1,454	0	0
EPIZYME INC	COM	29428V104	876	54,550	SH	SOLE	1	54,550	0	0
EPLUS INC	COM	294268107	666	9,419	SH	SOLE	1	9,419	0	0
EPR PROPERTIES	COM	26884U109	4,868	146,925	SH	SOLE	1	146,925	0	0
EQT CORP	COM	26884L109	5,682	477,463	SH	SOLE	1	477,463	0	0
EQUIFAX INC	COM	294429105	7,386	42,972	SH	SOLE	1	42,972	0	0
EQUINIX INC	COM	29444U700	22,691	32,310	SH	SOLE	1	32,310	0	0
EQUITABLE HOLDINGS INC	COM	29452E101	103	5,314	SH	SOLE	1	5,314	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	6,315	759,919	SH	SOLE	1	759,919	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	155	8,877	SH	SOLE	1	8,877	0	0

EQUITY COMMONWEALTH	COM	294628102	49	1,525	SH	SOLE	1	1,525	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	337	5,397	SH	SOLE	1	5,397	0	0
EQUITY RESIDENTIAL	COM	29476L107	7,570	128,692	SH	SOLE	1	128,692	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	102	534	SH	SOLE	1	534	0	0
EROS INTERNATIONAL PLC	COM	G3788M114	141	44,665	SH	SOLE	1	44,665	0	0
ESCALADE INC	COM	296056104	88	6,313	SH	SOLE	1	6,313	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,534	18,143	SH	SOLE	1	18,143	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	812	15,833	SH	SOLE	1	15,833	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	70	4,121	SH	SOLE	1	4,121	0	0
ESSA BANCORP INC	COM	29667D104	80	5,734	SH	SOLE	1	5,734	0	0
ESSENT GROUP LTD	COM	G3198U102	10,844	298,969	SH	SOLE	1	298,969	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	960	64,672	SH	SOLE	1	64,672	0	0
ESSENTIAL UTILITIES INC	COM	29670G102	17,599	416,636	SH	SOLE	1	416,636	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	5,142	22,437	SH	SOLE	1	22,437	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	16,700	88,508	SH	SOLE	1	88,508	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	196	16,535	SH	SOLE	1	16,535	0	0
ETON PHARMACEUTICALS INC	COM	29772L108	49	9,016	SH	SOLE	1	9,016	0	0
ETSY INC	COM	29786A106	23,733	223,414	SH	SOLE	1	223,414	0	0
EURONET WORLDWIDE INC	COM	298736109	63	657	SH	SOLE	1	657	0	0
EVANS BANCORP INC	COM	29911Q208	68	2,912	SH	SOLE	1	2,912	0	0
EVELO BIOSCIENCES INC	COM	299734103	42	8,568	SH	SOLE	1	8,568	0	0
EVENTBRITE INC CLASS A	COM	29975E109	333	38,852	SH	SOLE	1	38,852	0	0
EVERBRIDGE INC	COM	29978A104	130	938	SH	SOLE	1	938	0	0
EVERCORE INC A	COM	29977A105	4,462	75,724	SH	SOLE	1	75,724	0	0
EVEREST RE GROUP LTD	COM	G3223R108	2,810	13,627	SH	SOLE	1	13,627	0	0
EVERGY INC	COM	30034W106	4,581	77,261	SH	SOLE	1	77,261	0	0
EVERI HOLDINGS INC	COM	30034T103	256	49,697	SH	SOLE	1	49,697	0	0
EVERQUOTE INC CLASS A	COM	30041R108	499	8,577	SH	SOLE	1	8,577	0	0
EVERSOURCE ENERGY	COM	30040W108	13,013	156,274	SH	SOLE	1	156,274	0	0
EVERTEC INC	COM	30040P103	1,195	42,532	SH	SOLE	1	42,532	0	0
EVI INDUSTRIES INC	COM	26929N102	64	2,967	SH	SOLE	1	2,967	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	569	24,941	SH	SOLE	1	24,941	0	0
EVOFEM BIOSCIENCES INC	COM	30048L104	81	28,690	SH	SOLE	1	28,690	0	0
EVOLENT HEALTH INC A	COM	30050B101	329	46,173	SH	SOLE	1	46,173	0	0
EVOLUS INC	COM	30052C107	71	13,315	SH	SOLE	1	13,315	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	48	17,293	SH	SOLE	1	17,293	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	975	52,435	SH	SOLE	1	52,435	0	0
EW SCRIPPS CO/THE A	COM	811054402	346	39,535	SH	SOLE	1	39,535	0	0
EXACT SCIENCES CORP	COM	30063P105	329	3,789	SH	SOLE	1	3,789	0	0
EXAGEN INC	COM	30068X103	36	2,920	SH	SOLE	1	2,920	0	0
EXELIXIS INC	COM	30161Q104	13,639	574,496	SH	SOLE	1	574,496	0	0
EXELON CORP	COM	30161N101	13,702	377,582	SH	SOLE	1	377,582	0	0

EXICURE INC	COM	30205M101	88	36,269	SH	SOLE	1	36,269	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	1,511	23,828	SH	SOLE	1	23,828	0	0
EXONE CO/THE	COM	302104104	59	6,872	SH	SOLE	1	6,872	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	249	14,590	SH	SOLE	1	14,590	0	0
EXPEDIA GROUP INC	COM	30212P303	5,362	65,236	SH	SOLE	1	65,236	0	0
EXPEDITORS INTL WASH INC	COM	302130109	4,452	58,554	SH	SOLE	1	58,554	0	0
EXPONENT INC	COM	30214U102	2,941	36,345	SH	SOLE	1	36,345	0	0
EXPRESS INC	COM	30219E103	69	45,057	SH	SOLE	1	45,057	0	0
EXTENDED STAY AMERICA INC	COM UNIT	30224P200	26	2,312	SH	SOLE	1	2,312	0	0
EXTERRAN CORP	COM	30227H106	100	18,604	SH	SOLE	1	18,604	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	4,341	46,997	SH	SOLE	1	46,997	0	0
EXTREME NETWORKS INC	COM	30226D106	359	82,779	SH	SOLE	1	82,779	0	0
EXXON MOBIL CORP	COM	30231G102	223,062	4,987,969	SH	SOLE	1	4,987,969	0	0
EZCORP INC CL A	CL A	302301106	218	34,575	SH	SOLE	1	34,575	0	0
F5 NETWORKS INC	COM	315616102	2,894	20,751	SH	SOLE	1	20,751	0	0
FABRINET	COM	G3323L100	1,621	25,972	SH	SOLE	1	25,972	0	0
FACEBOOK INC CLASS A	COM	30303M102	206,999	911,610	SH	SOLE	1	911,610	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	23,413	71,280	SH	SOLE	1	71,280	0	0
FAIR ISAAC CORP	COM	303250104	22,815	54,577	SH	SOLE	1	54,577	0	0
FALCON MINERALS CORP	COM	30607B109	76	23,613	SH	SOLE	1	23,613	0	0
FARMER BROS CO	COM	307675108	72	9,825	SH	SOLE	1	9,825	0	0
FARMERS & MERCHANTS BANCO/OH	COM	30779N105	131	6,188	SH	SOLE	1	6,188	0	0
FARMERS NATL BANC CORP	COM	309627107	188	15,870	SH	SOLE	1	15,870	0	0
FARMLAND PARTNERS INC	COM	31154R109	109	15,971	SH	SOLE	1	15,971	0	0
FARO TECHNOLOGIES INC	COM	311642102	673	12,551	SH	SOLE	1	12,551	0	0
FASTENAL CO	COM	311900104	26,794	625,444	SH	SOLE	1	625,444	0	0
FASTLY INC CLASS A	CL A	31188V100	170	1,993	SH	SOLE	1	1,993	0	0
FATE THERAPEUTICS INC	COM	31189P102	1,314	38,306	SH	SOLE	1	38,306	0	0
FB FINANCIAL CORP	COM	30257X104	269	10,861	SH	SOLE	1	10,861	0	0
FBL FINANCIAL GROUP INC CL A	CL A	30239F106	213	5,936	SH	SOLE	1	5,936	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	356	5,562	SH	SOLE	1	5,562	0	0
FEDERAL REALTY INVS TRUST	COM	313747206	2,059	24,168	SH	SOLE	1	24,168	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,259	42,358	SH	SOLE	1	42,358	0	0
FEDERATED HERMES INC	CL B	314211103	5,616	236,978	SH	SOLE	1	236,978	0	0
FEDEX CORP	COM	31428X106	11,044	78,761	SH	SOLE	1	78,761	0	0
FEDNAT HOLDING CO	COM	31431B109	84	7,550	SH	SOLE	1	7,550	0	0
FENNEC PHARMACEUTICALS INC	COM	31447P100	110	13,210	SH	SOLE	1	13,210	0	0
FERRO CORP	COM	315405100	692	57,942	SH	SOLE	1	57,942	0	0
FIBROGEN INC	COM	31572Q808	2,059	50,810	SH	SOLE	1	50,810	0	0
FIDELITY D&D BANCORP INC	COM	31609R100	116	2,410	SH	SOLE	1	2,410	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	937	30,562	SH	SOLE	1	30,562	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	31,558	235,353	SH	SOLE	1	235,353	0	0

FIESTA RESTAURANT GROUP	COM	31660B101	83	12,947	SH	SOLE	1	12,947	0	0
FIFTH THIRD BANCORP	COM	316773100	4,677	242,588	SH	SOLE	1	242,588	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	180	9,688	SH	SOLE	1	9,688	0	0
FIREEYE INC	COM	31816Q101	43	3,572	SH	SOLE	1	3,572	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	9,995	208,139	SH	SOLE	1	208,139	0	0
FIRST BANCORP INC/ME	COM	31866P102	134	6,186	SH	SOLE	1	6,186	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	853	152,535	SH	SOLE	1	152,535	0	0
FIRST BANCORP/NC	COM	318910106	440	17,548	SH	SOLE	1	17,548	0	0
FIRST BANCSHARES INC/MS	COM	318916103	285	12,646	SH	SOLE	1	12,646	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	66	10,051	SH	SOLE	1	10,051	0	0
FIRST BUSEY CORP	COM	319383204	575	30,819	SH	SOLE	1	30,819	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	82	4,981	SH	SOLE	1	4,981	0	0
FIRST CAPITAL INC	COM	31942S104	138	1,991	SH	SOLE	1	1,991	0	0
FIRST CHOICE BANCORP	COM	31948P104	104	6,338	SH	SOLE	1	6,338	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	35	86	SH	SOLE	1	86	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	572	69,060	SH	SOLE	1	69,060	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	238	10,597	SH	SOLE	1	10,597	0	0
FIRST COMMUNITY CORP	COM	319835104	66	4,379	SH	SOLE	1	4,379	0	0
FIRST FINANCIAL BANCORP	COM	320209109	954	68,682	SH	SOLE	1	68,682	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	303	8,225	SH	SOLE	1	8,225	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	9,895	342,503	SH	SOLE	1	342,503	0	0
FIRST FOUNDATION INC	COM	32026V104	394	24,118	SH	SOLE	1	24,118	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	27	2,232	SH	SOLE	1	2,232	0	0
FIRST HAWAIIAN INC	COM	32051X108	29	1,693	SH	SOLE	1	1,693	0	0
FIRST HORIZON NATIONAL CORP	COM	320517105	5,803	582,633	SH	SOLE	1	582,633	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	9,274	241,263	SH	SOLE	1	241,263	0	0
FIRST INTERNET BANCORP	COM	320557101	96	5,782	SH	SOLE	1	5,782	0	0
FIRST INTERSTATE BANCYSYS A	COM	32055Y201	805	25,993	SH	SOLE	1	25,993	0	0
FIRST MERCHANTS CORP	COM	320817109	910	33,006	SH	SOLE	1	33,006	0	0
FIRST MID BANCSHARES INC	COM	320866106	234	8,922	SH	SOLE	1	8,922	0	0
FIRST MIDWEST BANCORP INC/IL	COM	320867104	1,077	80,661	SH	SOLE	1	80,661	0	0
FIRST NORTHWEST BANCORP	COM	335834107	68	5,478	SH	SOLE	1	5,478	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	228	13,931	SH	SOLE	1	13,931	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	6,760	63,781	SH	SOLE	1	63,781	0	0
FIRST SAVINGS FINANCIAL GRP	COM	33621E109	49	1,142	SH	SOLE	1	1,142	0	0
FIRST SOLAR INC	COM	336433107	7,057	142,560	SH	SOLE	1	142,560	0	0
FIRST UNITED CORP	COM	33741H107	55	4,108	SH	SOLE	1	4,108	0	0
FIRST WESTERN FINANCIAL INC	COM	33751L105	54	3,821	SH	SOLE	1	3,821	0	0

FIRSTCASH INC	COM	33767D105	6,867	101,766	SH	SOLE	1	101,766	0	0
FIRSTENERGY CORP	COM	337932107	13,711	353,561	SH	SOLE	1	353,561	0	0
FISERV INC	COM	337738108	25,528	261,506	SH	SOLE	1	261,506	0	0
FITBIT INC A	COM	33812L102	943	146,048	SH	SOLE	1	146,048	0	0
FIVE BELOW	COM	33829M101	11,215	104,897	SH	SOLE	1	104,897	0	0
FIVE PRIME THERAPEUTICS INC	COM	33830X104	100	16,380	SH	SOLE	1	16,380	0	0
FIVE STAR SENIOR LIVING INC	COM	33832D205	45	11,551	SH	SOLE	1	11,551	0	0
FIVE9 INC	COM	338307101	187	1,688	SH	SOLE	1	1,688	0	0
FLAGSTAR BANCORP INC	COM	337930705	740	25,151	SH	SOLE	1	25,151	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	7,571	30,098	SH	SOLE	1	30,098	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	275	20,942	SH	SOLE	1	20,942	0	0
FLIR SYSTEMS INC	COM	302445101	1,820	44,864	SH	SOLE	1	44,864	0	0
FLOOR & DECOR HOLDINGS INC A	COM	339750101	128	2,221	SH	SOLE	1	2,221	0	0
FLOWERS FOODS INC	COM	343498101	8,044	359,755	SH	SOLE	1	359,755	0	0
FLOWSERVE CORP	COM	34354P105	1,265	44,341	SH	SOLE	1	44,341	0	0
FLUENT INC	COM	34380C102	46	25,577	SH	SOLE	1	25,577	0	0
FLUIDIGM CORP	COM	34385P108	173	43,163	SH	SOLE	1	43,163	0	0
FLUOR CORP	COM	343412102	4,183	346,242	SH	SOLE	1	346,242	0	0
FLUSHING FINANCIAL CORP	COM	343873105	190	16,491	SH	SOLE	1	16,491	0	0
FMC CORP	COM	302491303	4,489	45,063	SH	SOLE	1	45,063	0	0
FNB CORP	COM	302520101	4,527	603,593	SH	SOLE	1	603,593	0	0
FNCB BANCORP INC	COM	302578109	60	10,457	SH	SOLE	1	10,457	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	636	19,238	SH	SOLE	1	19,238	0	0
FONAR CORP	COM	344437405	82	3,855	SH	SOLE	1	3,855	0	0
FOOT LOCKER INC	COM	344849104	5,676	194,659	SH	SOLE	1	194,659	0	0
FORD MOTOR CO	COM	345370860	8,093	1,331,036	SH	SOLE	1	1,331,036	0	0
FORD MOTOR CO	COM	345370860	179	29,500	SH	SOLE	1	29,500	0	0
FORESCOUT TECHNOLOGIES INC	COM	34553D101	623	29,392	SH	SOLE	1	29,392	0	0
FORESTAR GROUP INC	COM	346232101	154	10,189	SH	SOLE	1	10,189	0	0
FORMFACTOR INC	COM	346375108	1,583	53,964	SH	SOLE	1	53,964	0	0
FORRESTER RESEARCH INC	COM	346563109	247	7,715	SH	SOLE	1	7,715	0	0
FORTERRA INC	COM	34960W106	130	11,615	SH	SOLE	1	11,615	0	0
FORTINET INC	COM	34959E109	6,951	50,636	SH	SOLE	1	50,636	0	0
FORTIVE CORP	COM	34959J108	7,978	117,917	SH	SOLE	1	117,917	0	0
FORTRESS BIOTECH INC	COM	34960Q109	95	35,509	SH	SOLE	1	35,509	0	0
FORTUNE BRANDS HOME & SECURI	COM	34964C106	3,082	48,216	SH	SOLE	1	48,216	0	0
FORWARD AIR CORP	COM	349853101	981	19,691	SH	SOLE	1	19,691	0	0
FOSSIL GROUP INC	COM	34988V106	152	32,746	SH	SOLE	1	32,746	0	0
FOSTER (LB) CO A	COM	350060109	79	6,172	SH	SOLE	1	6,172	0	0
FOUNDATION BUILDING MATERIAL	COM	350392106	221	14,167	SH	SOLE	1	14,167	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,346	55,169	SH	SOLE	1	55,169	0	0
FOX CORP CLASS A	COM	35137L105	3,680	137,207	SH	SOLE	1	137,207	0	0
FOX CORP CLASS B	COM	35137L204	1,876	69,892	SH	SOLE	1	69,892	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	2,271	27,494	SH	SOLE	1	27,494	0	0
FRANCHISE GROUP INC	COM	35180X105	257	11,725	SH	SOLE	1	11,725	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	211	94,771	SH	SOLE	1	94,771	0	0
FRANKLIN COVEY CO	COM	353469109	164	7,661	SH	SOLE	1	7,661	0	0
FRANKLIN ELECTRIC	COM	353514102	1,672	31,828	SH	SOLE	1	31,828	0	0

CO INC										
FRANKLIN FINANCIAL NETWORK	COM	35352P104	251	9,761	SH	SOLE	1	9,761	0	0
FRANKLIN FINANCIAL SERVICES	COM	353525108	65	2,527	SH	SOLE	1	2,527	0	0
FRANKLIN RESOURCES INC	COM	354613101	5,723	272,937	SH	SOLE	1	272,937	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	376	73,804	SH	SOLE	1	73,804	0	0
FREEPORT MCMORAN INC	COM	35671D857	5,766	498,388	SH	SOLE	1	498,388	0	0
FREQUENCY THERAPEUTICS INC	COM	35803L108	401	17,234	SH	SOLE	1	17,234	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	539	21,900	SH	SOLE	1	21,900	0	0
FRESHPET INC	COM	358039105	1,982	23,688	SH	SOLE	1	23,688	0	0
FRONT YARD RESIDENTIAL CORP	COM	35904G107	267	30,634	SH	SOLE	1	30,634	0	0
FRONTDOOR INC	COM	35905A109	59	1,324	SH	SOLE	1	1,324	0	0
FRONTLINE LTD	COM	G3682E192	504	72,143	SH	SOLE	1	72,143	0	0
FRP HOLDINGS INC	COM	30292L107	167	4,114	SH	SOLE	1	4,114	0	0
FS BANCORP INC	COM	30263Y104	90	2,341	SH	SOLE	1	2,341	0	0
FTI CONSULTING INC	COM	302941109	7,939	69,306	SH	SOLE	1	69,306	0	0
FUELCELL ENERGY INC	COM	35952H601	294	130,197	SH	SOLE	1	130,197	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	140	7,650	SH	SOLE	1	7,650	0	0
FULGENT GENETICS INC	COM	359664109	95	5,912	SH	SOLE	1	5,912	0	0
FULTON FINANCIAL CORP	COM	360271100	4,195	398,339	SH	SOLE	1	398,339	0	0
FUNKO INC CLASS A	COM	361008105	85	14,698	SH	SOLE	1	14,698	0	0
FUTUREFUEL CORP	COM	36116M106	219	18,288	SH	SOLE	1	18,288	0	0
FVCBANKCORP INC	COM	36120Q101	78	7,222	SH	SOLE	1	7,222	0	0
G III APPAREL GROUP LTD	COM	36237H101	413	31,049	SH	SOLE	1	31,049	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	506	20,862	SH	SOLE	1	20,862	0	0
GAIA INC	COM	36269P104	60	7,179	SH	SOLE	1	7,179	0	0
GAIN CAPITAL HOLDINGS INC	COM	36268W100	73	12,132	SH	SOLE	1	12,132	0	0
GALECTIN THERAPEUTICS INC	COM	363225202	70	22,746	SH	SOLE	1	22,746	0	0
GALERA THERAPEUTICS INC	COM	36338D108	38	5,348	SH	SOLE	1	5,348	0	0
GAMCO INVESTORS INC A	COM	361438104	45	3,361	SH	SOLE	1	3,361	0	0
GAMESTOP CORP CLASS A	COM	36467W109	179	41,180	SH	SOLE	1	41,180	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	218	6,303	SH	SOLE	1	6,303	0	0
GAN LTD	COM	G3728V109	115	4,530	SH	SOLE	1	4,530	0	0
GANNETT CO INC	COM	36472T109	128	93,062	SH	SOLE	1	93,062	0	0
GAP INC/THE	COM	364760108	910	72,143	SH	SOLE	1	72,143	0	0
GARMIN LTD	COM	H2906T109	4,893	50,186	SH	SOLE	1	50,186	0	0
GARRETT MOTION INC	COM	366505105	40	7,235	SH	SOLE	1	7,235	0	0
GARTNER INC	COM	366651107	3,882	31,994	SH	SOLE	1	31,994	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	6	583	SH	SOLE	1	583	0	0
GATX CORP	COM	361448103	5,247	86,050	SH	SOLE	1	86,050	0	0
GCI LIBERTY INC CLASS A	COM	36164V305	1,327	18,664	SH	SOLE	1	18,664	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	651	35,053	SH	SOLE	1	35,053	0	0
GDS HOLDINGS LTD ADR	ADR	36165L108	74	926	SH	SOLE	1	926	0	0
GENASYS INC	COM	36872P103	98	20,112	SH	SOLE	1	20,112	0	0
GENCO SHIPPING &	COM	Y2685T131	66	10,463	SH	SOLE	1	10,463	0	0

TRADING LTD

GENCOR INDUSTRIES INC	COM	368678108	71	5,590	SH	SOLE	1	5,590	0	0
GENERAC HOLDINGS INC	COM	368736104	14,374	117,884	SH	SOLE	1	117,884	0	0
GENERAL DYNAMICS CORP	COM	369550108	23,396	156,535	SH	SOLE	1	156,535	0	0
GENERAL ELECTRIC CO	COM	369604103	19,577	2,866,384	SH	SOLE	1	2,866,384	0	0
GENERAL FINANCE CORP	COM	369822101	43	6,416	SH	SOLE	1	6,416	0	0
GENERAL MILLS INC	COM	370334104	218,859	3,550,031	SH	SOLE	1	3,550,031	0	0
GENERAL MOTORS CO	COM	37045V100	10,441	412,682	SH	SOLE	1	412,682	0	0
GENESCO INC	COM	371532102	217	10,003	SH	SOLE	1	10,003	0	0
GENIE ENERGY LTD B	COM	372284208	59	8,057	SH	SOLE	1	8,057	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	609	41,433	SH	SOLE	1	41,433	0	0
GENPACT LTD	COM	G3922B107	128	3,494	SH	SOLE	1	3,494	0	0
GENPREX INC	COM	372446104	55	17,447	SH	SOLE	1	17,447	0	0
GENTEX CORP	COM	371901109	11,790	457,521	SH	SOLE	1	457,521	0	0
GENTHERM INC	COM	37253A103	901	23,151	SH	SOLE	1	23,151	0	0
GENUINE PARTS CO	COM	372460105	18,341	210,910	SH	SOLE	1	210,910	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	2,870	1,242,356	SH	SOLE	1	1,242,356	0	0
GEO GROUP INC/THE	COM	36162J106	3,629	306,763	SH	SOLE	1	306,763	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	10	1,308	SH	SOLE	1	1,308	0	0
GERMAN AMERICAN BANCORP	COM	373865104	468	15,063	SH	SOLE	1	15,063	0	0
GERON CORP	COM	374163103	247	113,389	SH	SOLE	1	113,389	0	0
GETTY REALTY CORP	COM	374297109	710	23,932	SH	SOLE	1	23,932	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,106	23,042	SH	SOLE	1	23,042	0	0
GILEAD SCIENCES INC	COM	375558103	241,075	3,133,284	SH	SOLE	1	3,133,284	0	0
GLACIER BANCORP INC	COM	37637Q105	7,877	223,201	SH	SOLE	1	223,201	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	386	20,576	SH	SOLE	1	20,576	0	0
GLADSTONE LAND CORP	COM	376549101	184	11,602	SH	SOLE	1	11,602	0	0
GLATFELTER	COM	377316104	498	31,038	SH	SOLE	1	31,038	0	0
GLAUKOS CORP	COM	377322102	1,140	29,665	SH	SOLE	1	29,665	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	101	1,601	SH	SOLE	1	1,601	0	0
GLOBAL INDEMNITY LTD	COM	G3933F105	119	4,976	SH	SOLE	1	4,976	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	284	25,108	SH	SOLE	1	25,108	0	0
GLOBAL NET LEASE INC	COM	379378201	1,066	63,708	SH	SOLE	1	63,708	0	0
GLOBAL PAYMENTS INC	COM	37940X102	16,738	98,682	SH	SOLE	1	98,682	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	82	7,823	SH	SOLE	1	7,823	0	0
GLOBALSCAPE INC	COM	37940G109	85	8,722	SH	SOLE	1	8,722	0	0
GLOBANT SA	COM	L44385109	211	1,406	SH	SOLE	1	1,406	0	0
GLOBE LIFE INC	COM	37959E102	2,484	33,460	SH	SOLE	1	33,460	0	0
GLOBUS MEDICAL INC A	COM	379577208	6,744	141,349	SH	SOLE	1	141,349	0	0
GLU MOBILE INC	COM	379890106	852	91,874	SH	SOLE	1	91,874	0	0
GLYCOMIMETICS INC	COM	38000Q102	78	20,694	SH	SOLE	1	20,694	0	0
GMS INC	COM	36251C103	726	29,520	SH	SOLE	1	29,520	0	0
GODADDY INC CLASS A	COM	380237107	332	4,529	SH	SOLE	1	4,529	0	0
GOGO INC	COM	38046C109	111	35,086	SH	SOLE	1	35,086	0	0
GOLAR LNG LTD	COM	G9456A100	403	55,675	SH	SOLE	1	55,675	0	0
GOLD RESOURCE CORP	COM	38068T105	164	39,946	SH	SOLE	1	39,946	0	0
GOLDEN	COM	381013101	91	10,247	SH	SOLE	1	10,247	0	0

ENTERTAINMENT INC

GOLDMAN SACHS GROUP INC	COM	38141G104	20,043	101,422	SH	SOLE	1	101,422	0	0
GOODRICH PETROLEUM CORP	COM	382410843	41	5,645	SH	SOLE	1	5,645	0	0
GOODYEAR TIRE & RUBBER CO	COM	382550101	5,126	573,112	SH	SOLE	1	573,112	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	593	7,892	SH	SOLE	1	7,892	0	0
GOPRO INC CLASS A	COM	38268T103	376	79,042	SH	SOLE	1	79,042	0	0
GORMAN RUPP CO	COM	383082104	335	10,766	SH	SOLE	1	10,766	0	0
GOSSAMER BIO INC	COM	38341P102	394	30,318	SH	SOLE	1	30,318	0	0
GP STRATEGIES CORP	COM	36225V104	68	7,982	SH	SOLE	1	7,982	0	0
GRACO INC	COM	384109104	14,994	312,430	SH	SOLE	1	312,430	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	7	887	SH	SOLE	1	887	0	0
GRAHAM CORP	COM	384556106	75	5,897	SH	SOLE	1	5,897	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	2,736	7,984	SH	SOLE	1	7,984	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	8,002	88,389	SH	SOLE	1	88,389	0	0
GRANITE CONSTRUCTION INC	COM	387328107	634	33,138	SH	SOLE	1	33,138	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	278	38,678	SH	SOLE	1	38,678	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	63	4,497	SH	SOLE	1	4,497	0	0
GRAY TELEVISION INC	COM	389375106	762	54,636	SH	SOLE	1	54,636	0	0
GREAT AJAX CORP	COM	38983D300	116	12,654	SH	SOLE	1	12,654	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	360	38,867	SH	SOLE	1	38,867	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	272	6,736	SH	SOLE	1	6,736	0	0
GREAT WESTERN BANCORP INC	COM	391416104	538	39,098	SH	SOLE	1	39,098	0	0
GREEN BRICK PARTNERS INC	COM	392709101	172	14,530	SH	SOLE	1	14,530	0	0
GREEN DOT CORP CLASS A	COM	39304D102	1,758	35,810	SH	SOLE	1	35,810	0	0
GREEN PLAINS INC	COM	393222104	246	24,092	SH	SOLE	1	24,092	0	0
GREENBRIER COMPANIES INC	COM	393657101	520	22,842	SH	SOLE	1	22,842	0	0
GREENE COUNTY BANCORP INC	COM	394357107	42	1,863	SH	SOLE	1	1,863	0	0
GREENHILL & CO INC	COM	395259104	101	10,071	SH	SOLE	1	10,071	0	0
GREENLANE HOLDINGS INC A	COM	395330103	25	6,286	SH	SOLE	1	6,286	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	115	17,675	SH	SOLE	1	17,675	0	0
GREENSKY INC CLASS A	CL A	39572G100	186	38,000	SH	SOLE	1	38,000	0	0
GREIF INC CL A	CL A	397624107	2,229	64,768	SH	SOLE	1	64,768	0	0
GREIF INC CL B	COM	397624206	153	3,657	SH	SOLE	1	3,657	0	0
GRID DYNAMICS HOLDINGS INC	CL A	39813G109	92	13,277	SH	SOLE	1	13,277	0	0
GRIFFIN INDUSTRIAL REALTY IN	COM	398231100	86	1,585	SH	SOLE	1	1,585	0	0
GRIFFON CORP	COM	398433102	494	26,664	SH	SOLE	1	26,664	0	0
GRITSTONE ONCOLOGY INC	COM	39868T105	121	18,174	SH	SOLE	1	18,174	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	4,874	119,459	SH	SOLE	1	119,459	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	811	12,287	SH	SOLE	1	12,287	0	0
GROUPON INC	COM	399473206	255	14,060	SH	SOLE	1	14,060	0	0
GROWGENERATION	COM	39986L109	120	17,552	SH	SOLE	1	17,552	0	0

CORP											
GRUBHUB INC	COM	400110102	12,087	171,933	SH	SOLE	1	171,933	0	0	
GRUPO FINANCIERO GALICIA ADR	ADR	399909100	3	331	SH	SOLE	1	331	0	0	
GSI TECHNOLOGY INC	COM	36241U106	71	9,918	SH	SOLE	1	9,918	0	0	
GTT COMMUNICATIONS INC	COM	362393100	159	19,483	SH	SOLE	1	19,483	0	0	
GTY TECHNOLOGY HOLDINGS INC	COM	362409104	113	27,110	SH	SOLE	1	27,110	0	0	
GUARANTY BANCSHARES INC	COM	400764106	110	4,271	SH	SOLE	1	4,271	0	0	
GUARDANT HEALTH INC	COM	40131M109	165	2,032	SH	SOLE	1	2,032	0	0	
GUESS INC	COM	401617105	299	30,927	SH	SOLE	1	30,927	0	0	
GUIDEWIRE SOFTWARE INC	COM	40171V100	145	1,311	SH	SOLE	1	1,311	0	0	
GULFPORT ENERGY CORP	COM	402635304	122	112,287	SH	SOLE	1	112,287	0	0	
GWG HOLDINGS INC	COM	36192A109	15	1,956	SH	SOLE	1	1,956	0	0	
H.B. FULLER CO.	COM	359694106	1,624	36,402	SH	SOLE	1	36,402	0	0	
H&E EQUIPMENT SERVICES INC	COM	404030108	362	19,590	SH	SOLE	1	19,590	0	0	
H&R BLOCK INC	COM	093671105	7,368	515,938	SH	SOLE	1	515,938	0	0	
HACKETT GROUP INC/THE	COM	404609109	207	15,297	SH	SOLE	1	15,297	0	0	
HAEMONETICS CORP/MASS	COM	405024100	8,490	94,799	SH	SOLE	1	94,799	0	0	
HAIN CELESTIAL GROUP INC	COM	405217100	4,623	146,714	SH	SOLE	1	146,714	0	0	
HALLIBURTON CO	COM	406216101	3,880	298,929	SH	SOLE	1	298,929	0	0	
HALOZYME THERAPEUTICS INC	COM	40637H109	2,227	83,062	SH	SOLE	1	83,062	0	0	
HAMILTON BEACH BRAND A	COM	40701T104	50	4,178	SH	SOLE	1	4,178	0	0	
HAMILTON LANE INC CLASS A	COM	407497106	909	13,488	SH	SOLE	1	13,488	0	0	
HANCOCK WHITNEY CORP	COM	410120109	4,512	212,833	SH	SOLE	1	212,833	0	0	
HANESBRANDS INC	COM	410345102	11,450	1,014,192	SH	SOLE	1	1,014,192	0	0	
HANGER INC	COM	41043F208	435	26,258	SH	SOLE	1	26,258	0	0	
HANMI FINANCIAL CORPORATION	COM	410495204	210	21,622	SH	SOLE	1	21,622	0	0	
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	1,230	43,236	SH	SOLE	1	43,236	0	0	
HANOVER INSURANCE GROUP INC/	COM	410867105	7,194	70,994	SH	SOLE	1	70,994	0	0	
HARBORONE BANCORP INC	COM	41165Y100	276	32,374	SH	SOLE	1	32,374	0	0	
HARLEY DAVIDSON INC	COM	412822108	6,803	286,184	SH	SOLE	1	286,184	0	0	
HARMONIC INC	COM	413160102	320	67,293	SH	SOLE	1	67,293	0	0	
HARPOON THERAPEUTICS INC	COM	41358P106	107	6,467	SH	SOLE	1	6,467	0	0	
HARROW HEALTH INC	COM	415858109	71	13,687	SH	SOLE	1	13,687	0	0	
HARSCO CORP	COM	415864107	748	55,374	SH	SOLE	1	55,374	0	0	
HARTFORD FINANCIAL SVCS GRP	COM	416515104	4,887	126,768	SH	SOLE	1	126,768	0	0	
HARVARD BIOSCIENCE INC	COM	416906105	72	23,073	SH	SOLE	1	23,073	0	0	
HASBRO INC	COM	418056107	4,731	63,121	SH	SOLE	1	63,121	0	0	
HAVERTY FURNITURE	COM	419596101	191	11,956	SH	SOLE	1	11,956	0	0	
HAWAIIAN ELECTRIC INDS	COM	419870100	7,353	203,897	SH	SOLE	1	203,897	0	0	
HAWAIIAN HOLDINGS INC	COM	419879101	452	32,215	SH	SOLE	1	32,215	0	0	
HAWKINS INC	COM	420261109	291	6,823	SH	SOLE	1	6,823	0	0	
HAWTHORN	COM	420476103	70	3,577	SH	SOLE	1	3,577	0	0	

BANCSHARES INC										
HAYNES INTERNATIONAL INC	COM	420877201	206	8,837	SH	SOLE	1	8,837	0	0
HBT FINANCIAL INC/DE	COM	404111106	80	5,986	SH	SOLE	1	5,986	0	0
HC2 HOLDINGS INC	COM	404139107	89	26,777	SH	SOLE	1	26,777	0	0
HCA HEALTHCARE INC	COM	40412C101	11,012	113,452	SH	SOLE	1	113,452	0	0
HCI GROUP INC	COM	40416E103	198	4,287	SH	SOLE	1	4,287	0	0
HD SUPPLY HOLDINGS INC	COM	40416M105	933	26,923	SH	SOLE	1	26,923	0	0
HDFC BANK LTD ADR	ADR	40415F101	47	1,024	SH	SOLE	1	1,024	0	0
HEALTH CATALYST INC	COM	42225T107	576	19,734	SH	SOLE	1	19,734	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	9,753	332,995	SH	SOLE	1	332,995	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	4,494	183,739	SH	SOLE	1	183,739	0	0
HEALTHCARE TRUST OF AME CL A	CL A	42225P501	210	7,925	SH	SOLE	1	7,925	0	0
HEALTH EQUITY INC	COM	42226A107	10,278	175,184	SH	SOLE	1	175,184	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	5,087	184,587	SH	SOLE	1	184,587	0	0
HEALTHSTREAM INC	COM	42222N103	403	18,193	SH	SOLE	1	18,193	0	0
HEARTLAND EXPRESS INC	COM	422347104	671	32,206	SH	SOLE	1	32,206	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	710	21,246	SH	SOLE	1	21,246	0	0
HECLA MINING CO	COM	422704106	1,044	319,200	SH	SOLE	1	319,200	0	0
HEICO CORP	COM	422806109	109	1,096	SH	SOLE	1	1,096	0	0
HEICO CORP CLASS A	COM	422806208	155	1,909	SH	SOLE	1	1,909	0	0
HEIDRICK & STRUGGLES INTL	COM	422819102	293	13,575	SH	SOLE	1	13,575	0	0
HELEN OF TROY LTD	COM	G4388N106	11,749	62,308	SH	SOLE	1	62,308	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	669	17,970	SH	SOLE	1	17,970	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	350	100,899	SH	SOLE	1	100,899	0	0
HELMERICH & PAYNE	COM	423452101	227	11,647	SH	SOLE	1	11,647	0	0
HEMISPHERE MEDIA GROUP INC	CL A	42365Q103	9,517	968,149	SH	SOLE	2	968,149	0	0
HEMISPHERE MEDIA GROUP INC	CL A	42365Q103	99	10,028	SH	SOLE	1	10,028	0	0
HENRY SCHEIN INC	COM	806407102	4,204	72,004	SH	SOLE	1	72,004	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	68	1,520	SH	SOLE	1	1,520	0	0
HERC HOLDINGS INC	COM	42704L104	457	14,880	SH	SOLE	1	14,880	0	0
HERITAGE COMMERCE CORP	COM	426927109	267	35,565	SH	SOLE	1	35,565	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	162	9,267	SH	SOLE	1	9,267	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	509	25,464	SH	SOLE	1	25,464	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	201	15,345	SH	SOLE	1	15,345	0	0
HERMAN MILLER INC	COM	600544100	3,426	145,112	SH	SOLE	1	145,112	0	0
HERON THERAPEUTICS INC	COM	427746102	788	53,592	SH	SOLE	1	53,592	0	0
HERSHA HOSPITALITY TRUST	COM	427825500	140	24,267	SH	SOLE	1	24,267	0	0
HERSHEY CO/THE	COM	427866108	6,780	52,305	SH	SOLE	1	52,305	0	0
HERTZ GLOBAL HOLDINGS INC	COM	42806J106	75	53,307	SH	SOLE	1	53,307	0	0
HESKA CORP	COM	42805E306	472	5,066	SH	SOLE	1	5,066	0	0
HESS CORP	COM	42809H107	5,794	111,834	SH	SOLE	1	111,834	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	9,148	940,186	SH	SOLE	1	940,186	0	0
HEXCEL CORP	COM	428291108	7,054	155,991	SH	SOLE	1	155,991	0	0

HF FOODS GROUP INC	COM	40417F109	197	21,743	SH	SOLE	1	21,743	0	0
HIBBETT SPORTS INC	COM	428567101	244	11,671	SH	SOLE	1	11,671	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	7,245	194,085	SH	SOLE	1	194,085	0	0
HILL ROM HOLDINGS INC	COM	431475102	13,664	124,464	SH	SOLE	1	124,464	0	0
HILLENBRAND INC	COM	431571108	1,420	52,471	SH	SOLE	1	52,471	0	0
HILLTOP HOLDINGS INC	COM	432748101	813	44,077	SH	SOLE	1	44,077	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	1,019	52,103	SH	SOLE	1	52,103	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	7,028	95,685	SH	SOLE	1	95,685	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	145	864	SH	SOLE	1	864	0	0
HMS HOLDINGS CORP	COM	40425J101	2,019	62,349	SH	SOLE	1	62,349	0	0
HNI CORP	COM	404251100	3,216	105,205	SH	SOLE	1	105,205	0	0
HOLLYFRONTIER CORP	COM	436106108	2,664	91,243	SH	SOLE	1	91,243	0	0
HOLOGIC INC	COM	436440101	6,319	110,862	SH	SOLE	1	110,862	0	0
HOME BANCORP INC	COM	43689E107	127	4,734	SH	SOLE	1	4,734	0	0
HOME BANCSHARES INC	COM	436893200	5,822	378,520	SH	SOLE	1	378,520	0	0
HOME DEPOT INC	COM	437076102	115,870	462,536	SH	SOLE	1	462,536	0	0
HOMESTREET INC	COM	43785V102	400	16,257	SH	SOLE	1	16,257	0	0
HOMETRUST BANCSHARES INC	COM	437872104	153	9,562	SH	SOLE	1	9,562	0	0
HOMOLOGY MEDICINES INC	COM	438083107	316	20,787	SH	SOLE	1	20,787	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	47,122	325,901	SH	SOLE	1	325,901	0	0
HOOKER FURNITURE CORP	COM	439038100	139	7,130	SH	SOLE	1	7,130	0	0
HOOKIPA PHARMA INC	COM	43906K100	88	7,602	SH	SOLE	1	7,602	0	0
HOPE BANCORP INC	COM	43940T109	771	83,590	SH	SOLE	1	83,590	0	0
HORACE MANN EDUCATORS	COM	440327104	1,076	29,305	SH	SOLE	1	29,305	0	0
HORIZON BANCORP INC/IN	COM	440407104	280	26,153	SH	SOLE	1	26,153	0	0
HORIZON THERAPEUTICS PLC	COM	G46188101	269	4,831	SH	SOLE	1	4,831	0	0
HORMEL FOODS CORP	COM	440452100	5,845	121,097	SH	SOLE	1	121,097	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	2,679	248,323	SH	SOLE	1	248,323	0	0
HOSTESS BRANDS INC	COM	44109J106	914	74,826	SH	SOLE	1	74,826	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	117	64,553	SH	SOLE	1	64,553	0	0
HOULIHAN LOKEY INC	COM	441593100	1,506	27,075	SH	SOLE	1	27,075	0	0
HOWARD BANCORP INC	COM	442496105	86	8,051	SH	SOLE	1	8,051	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	26	510	SH	SOLE	1	510	0	0
HOWMET AEROSPACE INC	COM	443201108	2,089	131,790	SH	SOLE	1	131,790	0	0
HP INC	COM	40434L105	210,300	12,065,377	SH	SOLE	1	12,065,377	0	0
HUAZHU GROUP LTD ADR	ADR	44332N106	57	1,624	SH	SOLE	1	1,624	0	0
HUB GROUP INC CL A	CL A	443320106	1,112	23,241	SH	SOLE	1	23,241	0	0
HUBBELL INC	COM	443510607	12,695	101,266	SH	SOLE	1	101,266	0	0
HUBSPOT INC	COM	443573100	254	1,132	SH	SOLE	1	1,132	0	0
HUDSON LTD CLASS A	COM	G46408103	118	24,233	SH	SOLE	1	24,233	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	7,309	290,513	SH	SOLE	1	290,513	0	0
HUMANA INC	COM	444859102	21,056	54,303	SH	SOLE	1	54,303	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	3,525	29,293	SH	SOLE	1	29,293	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	3,122	345,556	SH	SOLE	1	345,556	0	0

HUNTINGTON INGALLS INDUSTRIE	COM	446413106	2,433	13,942	SH	SOLE	1	13,942	0	0
HUNTSMAN CORP	COM	447011107	47	2,617	SH	SOLE	1	2,617	0	0
HURCO COMPANIES INC	COM	447324104	109	3,906	SH	SOLE	1	3,906	0	0
HURON CONSULTING GROUP INC	COM	447462102	613	13,851	SH	SOLE	1	13,851	0	0
HUTCHISON CHINA MEDITECH ADR	ADR	44842L103	16	590	SH	SOLE	1	590	0	0
HUYA INC ADR	ADS REP SHS A	44852D108	7	377	SH	SOLE	1	377	0	0
HYATT HOTELS CORP CL A	CL A	448579102	23	457	SH	SOLE	1	457	0	0
HYSTER YALE MATERIALS	COM	449172105	234	6,058	SH	SOLE	1	6,058	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	274	9,042	SH	SOLE	1	9,042	0	0
IAA INC	COM	449253103	85	2,211	SH	SOLE	1	2,211	0	0
IAC/INTERACTIVECORP	COM	44919P508	664	2,052	SH	SOLE	1	2,052	0	0
IBERIABANK CORP	COM	450828108	1,452	31,876	SH	SOLE	1	31,876	0	0
IBIO INC	COM	451033203	65	29,393	SH	SOLE	1	29,393	0	0
ICAD INC	COM	44934S206	123	12,296	SH	SOLE	1	12,296	0	0
ICF INTERNATIONAL INC	COM	44925C103	721	11,129	SH	SOLE	1	11,129	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	418	15,715	SH	SOLE	1	15,715	0	0
ICICI BANK LTD SPON ADR	ADR	45104G104	147	15,774	SH	SOLE	1	15,774	0	0
ICU MEDICAL INC	COM	44930G107	6,685	36,273	SH	SOLE	1	36,273	0	0
IDACORP INC	COM	451107106	8,236	94,266	SH	SOLE	1	94,266	0	0
IDEAYA BIOSCIENCES INC	COM	45166A102	105	7,355	SH	SOLE	1	7,355	0	0
IDEX CORP	COM	45167R104	4,091	25,886	SH	SOLE	1	25,886	0	0
IDEXX LABORATORIES INC	COM	45168D104	12,818	38,823	SH	SOLE	1	38,823	0	0
IDT CORP CLASS B	COM	448947507	61	9,286	SH	SOLE	1	9,286	0	0
IES HOLDINGS INC	COM	44951W106	115	4,975	SH	SOLE	1	4,975	0	0
IGM BIOSCIENCES INC	COM	449585108	317	4,341	SH	SOLE	1	4,341	0	0
IHEARTMEDIA INC CLASS A	CL A	45174J509	306	36,609	SH	SOLE	1	36,609	0	0
IHS MARKIT LTD	COM	G47567105	12,161	161,068	SH	SOLE	1	161,068	0	0
II VI INC	COM	902104108	10,277	217,641	SH	SOLE	1	217,641	0	0
ILLINOIS TOOL WORKS	COM	452308109	34,972	200,014	SH	SOLE	1	200,014	0	0
ILLUMINA INC	COM	452327109	23,306	62,930	SH	SOLE	1	62,930	0	0
IMARA INC	COM	45249V107	84	3,025	SH	SOLE	1	3,025	0	0
IMAX CORP	COM	45245E109	339	30,263	SH	SOLE	1	30,263	0	0
IMMERSON CORPORATION	COM	452521107	68	10,853	SH	SOLE	1	10,853	0	0
IMMUNIC INC	COM	4525EP101	25	2,103	SH	SOLE	1	2,103	0	0
IMMUNOGEN INC	COM	45253H101	483	105,075	SH	SOLE	1	105,075	0	0
IMMUNOMEDICS INC	COM	452907108	200	5,634	SH	SOLE	1	5,634	0	0
IMMUNOVANT INC	COM	45258J102	285	11,688	SH	SOLE	1	11,688	0	0
IMPINJ INC	COM	453204109	283	10,298	SH	SOLE	1	10,298	0	0
INCYTE CORP	COM	45337C102	8,888	85,488	SH	SOLE	1	85,488	0	0
INDEPENDENCE HOLDING CO	COM	453440307	86	2,826	SH	SOLE	1	2,826	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	770	67,033	SH	SOLE	1	67,033	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	192	12,918	SH	SOLE	1	12,918	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,561	23,262	SH	SOLE	1	23,262	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,060	26,150	SH	SOLE	1	26,150	0	0
INDUSTRIAL LOGISTICS PROPERT	COM SHS BEN INT	456237106	944	45,950	SH	SOLE	1	45,950	0	0

INFINERA CORP	COM	45667G103	564	95,215	SH	SOLE	1	95,215	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	44	21,496	SH	SOLE	1	21,496	0	0
INFOSYS LTD SP ADR	ADR	456788108	468	48,463	SH	SOLE	1	48,463	0	0
INFUSYSTEM HOLDINGS INC	COM	45685K102	102	8,845	SH	SOLE	1	8,845	0	0
INGERSOLL RAND INC	COM	45687V106	3,615	128,546	SH	SOLE	1	128,546	0	0
INGEVITY CORP	COM	45688C107	5,355	101,856	SH	SOLE	1	101,856	0	0
INGLES MARKETS INC CLASS A	COM	457030104	376	8,734	SH	SOLE	1	8,734	0	0
INGREDION INC	COM	457187102	10,386	125,134	SH	SOLE	1	125,134	0	0
INNOSPEC INC	COM	45768S105	1,338	17,317	SH	SOLE	1	17,317	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	1,055	11,991	SH	SOLE	1	11,991	0	0
INNOVIVA INC	COM	45781M101	632	45,199	SH	SOLE	1	45,199	0	0
INOGEN INC	COM	45780L104	462	13,018	SH	SOLE	1	13,018	0	0
INOVALON HOLDINGS INC A	COM	45781D101	869	45,106	SH	SOLE	1	45,106	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	2,371	87,989	SH	SOLE	1	87,989	0	0
INPHI CORP	COM	45772F107	154	1,308	SH	SOLE	1	1,308	0	0
INSEEGO CORP	COM	45782B104	484	41,691	SH	SOLE	1	41,691	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,209	24,567	SH	SOLE	1	24,567	0	0
INSMED INC	COM	457669307	1,705	61,918	SH	SOLE	1	61,918	0	0
INSPERITY INC	COM	45778Q107	5,813	89,798	SH	SOLE	1	89,798	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	1,393	16,009	SH	SOLE	1	16,009	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	1,101	16,005	SH	SOLE	1	16,005	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	250	13,097	SH	SOLE	1	13,097	0	0
INSULET CORP	COM	45784P101	335	1,724	SH	SOLE	1	1,724	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,691	23,151	SH	SOLE	1	23,151	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	6,183	131,584	SH	SOLE	1	131,584	0	0
INTEL CORP	COM	458140100	104,546	1,747,387	SH	SOLE	1	1,747,387	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	563	26,806	SH	SOLE	1	26,806	0	0
INTELLICHECK INC	COM	45817G201	73	9,728	SH	SOLE	1	9,728	0	0
INTELLIGENT SYSTEMS CORP	COM	45816D100	150	4,397	SH	SOLE	1	4,397	0	0
INTER PARFUMS INC	COM	458334109	605	12,556	SH	SOLE	1	12,556	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	5,987	143,343	SH	SOLE	1	143,343	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	760	15,857	SH	SOLE	1	15,857	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	21,573	235,515	SH	SOLE	1	235,515	0	0
INTERDIGITAL INC	COM	45867G101	4,297	75,886	SH	SOLE	1	75,886	0	0
INTERFACE INC	COM	458665304	336	41,264	SH	SOLE	1	41,264	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	4,353	135,942	SH	SOLE	1	135,942	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	1,078	121,076	SH	SOLE	1	121,076	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	101	8,105	SH	SOLE	1	8,105	0	0
INTERNATIONAL PAPER CO	COM	460146103	5,759	163,557	SH	SOLE	1	163,557	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	247	15,138	SH	SOLE	1	15,138	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	12,696	739,873	SH	SOLE	1	739,873	0	0
INTERSECT ENT INC	COM	46071F103	269	19,890	SH	SOLE	1	19,890	0	0

INTEVAC INC	COM	461148108	77	14,156	SH	SOLE	1	14,156	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	242,423	2,007,313	SH	SOLE	1	2,007,313	0	0
INTL FLAVORS & FRAGRANCES	COM	459506101	4,861	39,697	SH	SOLE	1	39,697	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	863	33,638	SH	SOLE	1	33,638	0	0
INTREPID POTASH INC	COM	46121Y102	58	58,201	SH	SOLE	1	58,201	0	0
INTRICON CORP	COM	46121H109	69	5,106	SH	SOLE	1	5,106	0	0
INTUIT INC	COM	461202103	33,409	112,797	SH	SOLE	1	112,797	0	0
INTUITIVE SURGICAL INC	COM	46120E602	26,051	45,718	SH	SOLE	1	45,718	0	0
INVACARE CORP	COM	461203101	153	23,952	SH	SOLE	1	23,952	0	0
INVESCO LTD	COM	G491BT108	2,329	216,433	SH	SOLE	1	216,433	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B100	482	128,851	SH	SOLE	1	128,851	0	0
INVESTAR HOLDING CORP	COM	46134L105	90	6,223	SH	SOLE	1	6,223	0	0
INVESTORS BANCORP INC	COM	46146L101	1,199	141,075	SH	SOLE	1	141,075	0	0
INVESTORS REAL ESTATE TRUST	COM	461730509	607	8,614	SH	SOLE	1	8,614	0	0
INVESTORS TITLE CO	COM	461804106	96	794	SH	SOLE	1	794	0	0
INVITAE CORP	COM	46185L103	2,138	70,591	SH	SOLE	1	70,591	0	0
INVITATION HOMES INC	COM	46187W107	336	12,190	SH	SOLE	1	12,190	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	155	2,625	SH	SOLE	1	2,625	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	102	3,700	SH	SOLE	1	3,700	0	0
IPG PHOTONICS CORP	COM	44980X109	1,960	12,219	SH	SOLE	1	12,219	0	0
IQIYI INC ADR	ADR	46267X108	35	1,501	SH	SOLE	1	1,501	0	0
IQVIA HOLDINGS INC	COM	46266C105	10,236	72,144	SH	SOLE	1	72,144	0	0
IRADIMED CORP	COM	46266A109	82	3,543	SH	SOLE	1	3,543	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,918	16,549	SH	SOLE	1	16,549	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	2,068	81,296	SH	SOLE	1	81,296	0	0
IROBOT CORP	COM	462726100	1,640	19,544	SH	SOLE	1	19,544	0	0
IRON MOUNTAIN INC	COM	46284V101	3,464	132,730	SH	SOLE	1	132,730	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	1,007	97,592	SH	SOLE	1	97,592	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	8,860	102,300	SH	SOLE	1	102,300	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	234	1,400	SH	SOLE	1	1,400	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	2,328	14,200	SH	SOLE	1	14,200	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	10,052	75,200	SH	SOLE	1	75,200	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,693	22,100	SH	SOLE	1	22,100	0	0
ISHARES CORE S&P SMALL CAP ETF	CORE S&P SCP ETF	464287804	207	3,031	SH	SOLE	1	3,031	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	17,055	126,800	SH	SOLE	1	126,800	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	44,809	736,140	SH	SOLE	1	736,140	0	0
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	3,928	98,217	SH	SOLE	1	98,217	0	0
ISHARES MSCI INDIA ETF	MSCI INDIA ETF	46429B598	4,065	140,086	SH	SOLE	1	140,086	0	0
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	971	6,780	SH	SOLE	1	6,780	0	0
ISHARES RUSSELL MID	RUS MD CP	464287481	2,303	14,564	SH	SOLE	1	14,564	0	0

CAP GROWTH	GR ETF										
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	2,356	30,790	SH	SOLE	1	30,790	0	0	
ISHARES S&P 500 VALUE ETF	S&P 500 VAL ETF	464287408	11,125	102,813	SH	SOLE	1	102,813	0	0	
ISHARES:SHT-TRM CORP BD	ETF	464288646	908	16,600	SH	SOLE		16,600	0	0	
ISTAR INC	COM	45031U101	645	52,355	SH	SOLE	1	52,355	0	0	
ITERIS INC	COM	46564T107	117	24,651	SH	SOLE	1	24,651	0	0	
ITRON INC	COM	465741106	1,852	27,954	SH	SOLE	1	27,954	0	0	
ITT INC	COM	45073V108	9,471	161,244	SH	SOLE	1	161,244	0	0	
IVERIC BIO INC	COM	46583P102	141	27,586	SH	SOLE	1	27,586	0	0	
J & J SNACK FOODS CORP	COM	466032109	1,346	10,585	SH	SOLE	1	10,585	0	0	
J2 GLOBAL INC	COM	48123V102	7,108	112,447	SH	SOLE	1	112,447	0	0	
JABIL INC	COM	466313103	8,238	256,781	SH	SOLE	1	256,781	0	0	
JACK HENRY & ASSOCIATES INC	COM	426281101	4,994	27,137	SH	SOLE	1	27,137	0	0	
JACK IN THE BOX INC	COM	466367109	4,143	55,921	SH	SOLE	1	55,921	0	0	
JACOBS ENGINEERING GROUP INC	COM	469814107	3,754	44,271	SH	SOLE	1	44,271	0	0	
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	954	21,192	SH	SOLE	1	21,192	0	0	
JANUS HENDERSON GROUP PLC	COM	G4474Y214	7,241	342,179	SH	SOLE	1	342,179	0	0	
JAZZ PHARMACEUTICALS PLC	COM	G50871105	78	707	SH	SOLE	1	707	0	0	
JBG SMITH PROPERTIES	COM	46590V100	6,497	219,717	SH	SOLE	1	219,717	0	0	
JD.COM INC ADR	ADR	47215P106	3,908	64,942	SH	SOLE	1	64,942	0	0	
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	6,561	421,926	SH	SOLE	1	421,926	0	0	
JELD WEN HOLDING INC	COM	47580P103	669	41,533	SH	SOLE	1	41,533	0	0	
JERNIGAN CAPITAL INC	COM	476405105	187	13,659	SH	SOLE	1	13,659	0	0	
JETBLUE AIRWAYS CORP	COM	477143101	5,493	503,914	SH	SOLE	1	503,914	0	0	
JM SMUCKER CO/THE	COM	832696405	5,010	47,352	SH	SOLE	1	47,352	0	0	
JOHN B. SANFILIPPO & SON INC	COM	800422107	532	6,238	SH	SOLE	1	6,238	0	0	
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	1,908	22,185	SH	SOLE	1	22,185	0	0	
JOHNSON & JOHNSON	COM	478160104	126,289	898,025	SH	SOLE	1	898,025	0	0	
JOHNSON CONTROLS INTERNATION	COM	G51502105	10,913	319,647	SH	SOLE	1	319,647	0	0	
JOHNSON OUTDOORS INC A	COM	479167108	291	3,192	SH	SOLE	1	3,192	0	0	
JOINT CORP/THE	COM	47973J102	124	8,114	SH	SOLE	1	8,114	0	0	
JONES LANG LASALLE INC	COM	48020Q107	10,466	101,158	SH	SOLE	1	101,158	0	0	
JOUNCE THERAPEUTICS INC	COM	481116101	73	10,553	SH	SOLE	1	10,553	0	0	
JOYY INC	ADS RESTG COM A	46591M109	55	623	SH	SOLE	1	623	0	0	
JPMORGAN CHASE & CO	COM	46625H100	291,184	3,095,731	SH	SOLE	1	3,095,731	0	0	
JUNIPER NETWORKS INC	COM	48203R104	3,297	144,214	SH	SOLE	1	144,214	0	0	
K12 INC	COM	48273U102	665	24,417	SH	SOLE	1	24,417	0	0	
KADANT INC	COM	48282T104	697	6,991	SH	SOLE	1	6,991	0	0	
KADMON HOLDINGS INC	COM	48283N106	505	98,654	SH	SOLE	1	98,654	0	0	
KAISER ALUMINUM CORP	COM	483007704	819	11,125	SH	SOLE	1	11,125	0	0	
KALA PHARMACEUTICALS INC	COM	483119103	254	24,207	SH	SOLE	1	24,207	0	0	

KALEIDO BIOSCIENCES INC	COM	483347100	45	6,070	SH	SOLE	1	6,070	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	101	8,340	SH	SOLE	1	8,340	0	0
KAMAN CORP	COM	483548103	812	19,529	SH	SOLE	1	19,529	0	0
KANSAS CITY SOUTHERN	COM	485170302	4,898	32,809	SH	SOLE	1	32,809	0	0
KAR AUCTION SERVICES INC	COM	48238T109	4,958	360,299	SH	SOLE	1	360,299	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	1,057	9,484	SH	SOLE	1	9,484	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	812	42,883	SH	SOLE	1	42,883	0	0
KB HOME	COM	48666K109	6,608	215,391	SH	SOLE	1	215,391	0	0
KBR INC	COM	48242W106	7,918	351,122	SH	SOLE	1	351,122	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	378	46,248	SH	SOLE	1	46,248	0	0
KELLOGG CO	COM	487836108	7,897	119,541	SH	SOLE	1	119,541	0	0
KELLY SERVICES INC A	COM	488152208	376	23,763	SH	SOLE	1	23,763	0	0
KEMPER CORP	COM	488401100	8,311	114,605	SH	SOLE	1	114,605	0	0
KENNAMETAL INC	COM	489170100	5,875	204,631	SH	SOLE	1	204,631	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,138	74,779	SH	SOLE	1	74,779	0	0
KEROS THERAPEUTICS INC	COM	492327101	160	4,261	SH	SOLE	1	4,261	0	0
KEURIG DR PEPPER INC	COM	49271V100	1,081	38,077	SH	SOLE	1	38,077	0	0
KEYCORP	COM	493267108	4,048	332,334	SH	SOLE	1	332,334	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	7,057	70,024	SH	SOLE	1	70,024	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	82	15,800	SH	SOLE	1	15,800	0	0
KFORCE INC	COM	493732101	353	12,070	SH	SOLE	1	12,070	0	0
KILROY REALTY CORP	COM	49427F108	11,618	197,919	SH	SOLE	1	197,919	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	199	14,710	SH	SOLE	1	14,710	0	0
KIMBALL INTERNATIONAL B	COM	494274103	255	22,044	SH	SOLE	1	22,044	0	0
KIMBERLY CLARK CORP	COM	494368103	18,858	133,414	SH	SOLE	1	133,414	0	0
KIMCO REALTY CORP	COM	49446R109	1,982	154,389	SH	SOLE	1	154,389	0	0
KINDER MORGAN INC	COM	49456B101	12,568	828,503	SH	SOLE	1	828,503	0	0
KINDRED BIOSCIENCES INC	COM	494577109	102	22,783	SH	SOLE	1	22,783	0	0
KINIKA PHARMACEUTICALS A	COM	G5269C101	296	11,629	SH	SOLE	1	11,629	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	2,284	14,713	SH	SOLE	1	14,713	0	0
KIRBY CORP	COM	497266106	6,008	112,168	SH	SOLE	1	112,168	0	0
KITE REALTY GROUP TRUST	COM	49803T300	679	58,850	SH	SOLE	1	58,850	0	0
KKR & CO INC	COM	48251W104	215	6,965	SH	SOLE	1	6,965	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	327	19,703	SH	SOLE	1	19,703	0	0
KLA CORP	COM	482480100	13,251	68,134	SH	SOLE	1	68,134	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	9,530	228,488	SH	SOLE	1	228,488	0	0
KNOLL INC	COM	498904200	373	30,636	SH	SOLE	1	30,636	0	0
KNOWLES CORP	COM	49926D109	952	62,404	SH	SOLE	1	62,404	0	0
KODIAK SCIENCES INC	COM	50015M109	955	17,646	SH	SOLE	1	17,646	0	0
KOHL'S CORP	COM	500255104	1,116	53,714	SH	SOLE	1	53,714	0	0
KONTOOR BRANDS INC	COM	50050N103	641	35,994	SH	SOLE	1	35,994	0	0
KOPPERS HOLDINGS INC	COM	50060P106	275	14,597	SH	SOLE	1	14,597	0	0
KORN FERRY	COM	500643200	1,193	38,820	SH	SOLE	1	38,820	0	0
KOSMOS ENERGY LTD	COM	500688106	409	246,563	SH	SOLE	1	246,563	0	0

KRAFT HEINZ CO/THE	COM	500754106	241,278	7,565,946	SH	SOLE	1	7,565,946	0	0
KRATON CORP	COM	50077C106	382	22,132	SH	SOLE	1	22,132	0	0
KRATOS DEFENSE & SECURITY	COM	50077B207	1,012	64,725	SH	SOLE	1	64,725	0	0
KROGER CO	COM	501044101	10,936	323,062	SH	SOLE	1	323,062	0	0
KRONOS WORLDWIDE INC	COM	50105F105	142	13,684	SH	SOLE	1	13,684	0	0
KRYSTAL BIOTECH INC	COM	501147102	303	7,310	SH	SOLE	1	7,310	0	0
KULICKE & SOFFA INDUSTRIES	COM	501242101	124	5,976	SH	SOLE	1	5,976	0	0
KURA ONCOLOGY INC	COM	50127T109	529	32,441	SH	SOLE	1	32,441	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	29	2,060	SH	SOLE	1	2,060	0	0
KVH INDUSTRIES INC	COM	482738101	89	9,926	SH	SOLE	1	9,926	0	0
L BRANDS INC	COM	501797104	1,190	79,474	SH	SOLE	1	79,474	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	12,169	71,720	SH	SOLE	1	71,720	0	0
LA JOLLA PHARMACEUTICAL CO	COM	503459604	47	11,023	SH	SOLE	1	11,023	0	0
LA Z BOY INC	COM	505336107	857	31,659	SH	SOLE	1	31,659	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	7,956	47,896	SH	SOLE	1	47,896	0	0
LADDER CAPITAL CORP REIT	COM	505743104	524	64,653	SH	SOLE	1	64,653	0	0
LAKELAND BANCORP INC	COM	511637100	341	29,812	SH	SOLE	1	29,812	0	0
LAKELAND FINANCIAL CORP	COM	511656100	691	14,842	SH	SOLE	1	14,842	0	0
LAKELAND INDUSTRIES INC	COM	511795106	105	4,681	SH	SOLE	1	4,681	0	0
LAM RESEARCH CORP	COM	512807108	19,833	61,316	SH	SOLE	1	61,316	0	0
LAMAR ADVERTISING CO A	COM	512816109	10,883	163,020	SH	SOLE	1	163,020	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	3,253	50,886	SH	SOLE	1	50,886	0	0
LANCASTER COLONY CORP	COM	513847103	7,493	48,345	SH	SOLE	1	48,345	0	0
LANDEC CORP	COM	514766104	126	15,850	SH	SOLE	1	15,850	0	0
LANDMARK BANCORP INC	COM	51504L107	57	2,297	SH	SOLE	1	2,297	0	0
LANDS END INC	COM	51509F105	57	7,110	SH	SOLE	1	7,110	0	0
LANDSTAR SYSTEM INC	COM	515098101	8,101	72,131	SH	SOLE	1	72,131	0	0
LANNETT CO INC	COM	516012101	165	22,669	SH	SOLE	1	22,669	0	0
LANTHEUS HOLDINGS INC	COM	516544103	671	46,916	SH	SOLE	1	46,916	0	0
LAREDO PETROLEUM INC	COM	516806205	557	40,214	SH	SOLE	1	40,214	0	0
LAS VEGAS SANDS CORP	COM	517834107	5,054	110,988	SH	SOLE	1	110,988	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	2,335	82,232	SH	SOLE	1	82,232	0	0
LAUREATE EDUCATION INC A	COM	518613203	655	65,780	SH	SOLE	1	65,780	0	0
LAWSON PRODUCTS INC	COM	520776105	87	2,704	SH	SOLE	1	2,704	0	0
LAZARD LTD CL A	CL A	G54050102	38	1,318	SH	SOLE	1	1,318	0	0
LCI INDUSTRIES	COM	50189K103	2,010	17,479	SH	SOLE	1	17,479	0	0
LCNB CORPORATION	COM	50181P100	119	7,439	SH	SOLE	1	7,439	0	0
LEAR CORP	COM	521865204	11,114	101,949	SH	SOLE	1	101,949	0	0
LEGACY HOUSING CORP	COM	52472M101	72	5,071	SH	SOLE	1	5,071	0	0
LEGG MASON INC	COM	524901105	9,686	194,686	SH	SOLE	1	194,686	0	0
LEGGETT & PLATT INC	COM	524660107	1,598	45,475	SH	SOLE	1	45,475	0	0
LEIDOS HOLDINGS INC	COM	525327102	4,309	46,002	SH	SOLE	1	46,002	0	0
LEMAITRE VASCULAR	COM	525558201	310	11,742	SH	SOLE	1	11,742	0	0

INC										
LENDINGCLUB CORP	COM	52603A208	192	42,162	SH	SOLE	1	42,162	0	0
LENDINGTREE INC	COM	52603B107	4,201	14,510	SH	SOLE	1	14,510	0	0
LENNAR CORP B SHS	COM	526057302	9	205	SH	SOLE	1	205	0	0
LENNAR CORP A	COM	526057104	6,675	108,320	SH	SOLE	1	108,320	0	0
LENNOX INTERNATIONAL INC	COM	526107107	15,150	65,025	SH	SOLE	1	65,025	0	0
LEVEL ONE BANCORP INC	COM	52730D208	52	3,132	SH	SOLE	1	3,132	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	50	25,250	SH	SOLE	1	25,250	0	0
LEXINGTON REALTY TRUST	COM	529043101	1,931	183,000	SH	SOLE	1	183,000	0	0
LGI HOMES INC	COM	50187T106	1,384	15,717	SH	SOLE	1	15,717	0	0
LHC GROUP INC	COM	50187A107	12,840	73,658	SH	SOLE	1	73,658	0	0
LIBERTY BROADBAND A	COM	530307107	39	323	SH	SOLE	1	323	0	0
LIBERTY BROADBAND C	COM	530307305	170	1,372	SH	SOLE	1	1,372	0	0
LIBERTY GLOBAL PLC C	COM	G5480U120	529	24,612	SH	SOLE	1	24,612	0	0
LIBERTY GLOBAL PLC A	COM	G5480U104	238	10,900	SH	SOLE	1	10,900	0	0
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	274	28,233	SH	SOLE	1	28,233	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	649	68,788	SH	SOLE	1	68,788	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	1,878	54,409	SH	SOLE	1	54,409	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	88	2,554	SH	SOLE	1	2,554	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	123	6,127	SH	SOLE	1	6,127	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	438	22,209	SH	SOLE	1	22,209	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	10	327	SH	SOLE	1	327	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	82	2,590	SH	SOLE	1	2,590	0	0
LIBERTY OILFIELD SERVICES A	COM	53115L104	211	38,508	SH	SOLE	1	38,508	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	95	44,455	SH	SOLE	1	44,455	0	0
LIFE STORAGE INC	COM	53223X107	8,322	87,644	SH	SOLE	1	87,644	0	0
LIFETIME BRANDS INC	COM	53222Q103	49	7,299	SH	SOLE	1	7,299	0	0
LIFEVANTAGE CORP	COM	53222K205	113	8,381	SH	SOLE	1	8,381	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	4,318	38,602	SH	SOLE	1	38,602	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	522	70,984	SH	SOLE	1	70,984	0	0
LIMESTONE BANCORP INC	COM	53262L105	41	3,087	SH	SOLE	1	3,087	0	0
LIMONEIRA CO	COM	532746104	144	9,954	SH	SOLE	1	9,954	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	9,374	111,275	SH	SOLE	1	111,275	0	0
LINCOLN NATIONAL CORP	COM	534187109	2,435	66,177	SH	SOLE	1	66,177	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	122	15,756	SH	SOLE	1	15,756	0	0
LINDE PLC	COM	G5494J103	41,975	197,892	SH	SOLE	1	197,892	0	0
LINDSAY CORP	COM	535555106	707	7,666	SH	SOLE	1	7,666	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	6	776	SH	SOLE	1	776	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	10	1,496	SH	SOLE	1	1,496	0	0
LIQUIDIA TECHNOLOGIES INC	COM	53635D202	105	12,453	SH	SOLE	1	12,453	0	0

LIQUIDITY SERVICES INC	COM	53635B107	117	19,605	SH	SOLE	1	19,605	0	0
LITHIA MOTORS INC CL A	CL A	536797103	2,363	15,613	SH	SOLE	1	15,613	0	0
LITTELFUSE INC	COM	537008104	7,738	45,350	SH	SOLE	1	45,350	0	0
LIVANOVA PLC	COM	G5509L101	5,777	120,020	SH	SOLE	1	120,020	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	2,410	54,369	SH	SOLE	1	54,369	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	249	17,156	SH	SOLE	1	17,156	0	0
LIVENT CORP	COM	53814L108	639	103,719	SH	SOLE	1	103,719	0	0
LIVEPERSON INC	COM	538146101	1,788	43,160	SH	SOLE	1	43,160	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	6,852	161,336	SH	SOLE	1	161,336	0	0
LIVEXLIVE MEDIA INC	COM	53839L208	66	18,346	SH	SOLE	1	18,346	0	0
LIVONGO HEALTH INC	COM	539183103	111	1,474	SH	SOLE	1	1,474	0	0
LKQ CORP	COM	501889208	3,108	118,633	SH	SOLE	1	118,633	0	0
LOCKHEED MARTIN CORP	COM	539830109	30,647	83,984	SH	SOLE	1	83,984	0	0
LOEWS CORP	COM	540424108	3,259	95,029	SH	SOLE	1	95,029	0	0
LOGICBIO THERAPEUTICS INC	COM	54142F102	62	7,358	SH	SOLE	1	7,358	0	0
LOGMEIN INC	COM	54142L109	7,729	91,177	SH	SOLE	1	91,177	0	0
LORAL SPACE & COMMUNICATIONS	COM	543881106	153	7,856	SH	SOLE	1	7,856	0	0
LOUISIANA PACIFIC CORP	COM	546347105	7,109	277,167	SH	SOLE	1	277,167	0	0
LOVESAC CO/THE	COM	54738L109	143	5,444	SH	SOLE	1	5,444	0	0
LOWE S COS INC	COM	548661107	37,730	279,235	SH	SOLE	1	279,235	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	87	1,115	SH	SOLE	1	1,115	0	0
LSI INDUSTRIES INC	COM	50216C108	101	15,675	SH	SOLE	1	15,675	0	0
LTC PROPERTIES INC	COM	502175102	1,037	27,538	SH	SOLE	1	27,538	0	0
LULULEMON ATHLETICA INC	COM	550021109	3,290	10,544	SH	SOLE	1	10,544	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	280	20,225	SH	SOLE	1	20,225	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	11,405	140,056	SH	SOLE	1	140,056	0	0
LUMINEX CORP	COM	55027E102	977	30,048	SH	SOLE	1	30,048	0	0
LUNA INNOVATIONS INC	COM	550351100	103	17,708	SH	SOLE	1	17,708	0	0
LUTHER BURBANK CORP	COM	550550107	113	11,333	SH	SOLE	1	11,333	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	247	17,449	SH	SOLE	1	17,449	0	0
LYDALL INC	COM	550819106	165	12,154	SH	SOLE	1	12,154	0	0
LYFT INC A	COM	55087P104	103	3,115	SH	SOLE	1	3,115	0	0
LYONDELLBASELL INDU CL A	CL A	N53745100	178,326	2,713,419	SH	SOLE	1	2,713,419	0	0
LYRA THERAPEUTICS INC	COM	55234L105	28	2,513	SH	SOLE	1	2,513	0	0
M & T BANK CORP	COM	55261F104	4,886	46,990	SH	SOLE	1	46,990	0	0
M/I HOMES INC	COM	55305B101	681	19,782	SH	SOLE	1	19,782	0	0
MACATAWA BANK CORP	COM	554225102	125	16,038	SH	SOLE	1	16,038	0	0
MACERICH CO/THE	COM	554382101	2,714	302,520	SH	SOLE	1	302,520	0	0
MACK CALI REALTY CORP	COM	554489104	3,421	223,720	SH	SOLE	1	223,720	0	0
MACKINAC FINANCIAL CORP	COM	554571109	57	5,466	SH	SOLE	1	5,466	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	987	28,748	SH	SOLE	1	28,748	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	29	959	SH	SOLE	1	959	0	0
MACROGENICS INC	COM	556099109	819	29,317	SH	SOLE	1	29,317	0	0
MACY S INC	COM	55616P104	1,518	220,649	SH	SOLE	1	220,649	0	0

MADISON SQUARE GARDEN ENTERT	CL A	55826T102	18	243	SH	SOLE	1	243	0	0
MADISON SQUARE GARDEN SPORTS	CL A	55825T103	36	245	SH	SOLE	1	245	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	606	5,350	SH	SOLE	1	5,350	0	0
MAGELLAN HEALTH INC	COM	559079207	1,199	16,434	SH	SOLE	1	16,434	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	78	10,360	SH	SOLE	1	10,360	0	0
MAGNOLIA OIL & GAS CORP A	COM	559663109	465	76,651	SH	SOLE	1	76,651	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	57	4,329	SH	SOLE	1	4,329	0	0
MAJESCO	COM	56068V102	36	4,574	SH	SOLE	1	4,574	0	0
MALIBU BOATS INC A	COM	56117J100	652	12,560	SH	SOLE	1	12,560	0	0
MALLINCKRODT PLC	COM	G5785G107	139	51,821	SH	SOLE	1	51,821	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	11,251	119,439	SH	SOLE	1	119,439	0	0
MANITOWOC COMPANY INC	COM	563571405	226	20,734	SH	SOLE	1	20,734	0	0
MANNKIND CORP	COM	56400P706	228	130,169	SH	SOLE	1	130,169	0	0
MANPOWERGROUP INC	COM	56418H100	8,448	122,884	SH	SOLE	1	122,884	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	1,315	19,200	SH	SOLE	1	19,200	0	0
MARATHON OIL CORP	COM	565849106	2,160	352,910	SH	SOLE	1	352,910	0	0
MARATHON PETROLEUM CORP	COM	56585A102	8,776	234,788	SH	SOLE	1	234,788	0	0
MARCUS & MILLICHAP INC	COM	566324109	476	16,500	SH	SOLE	1	16,500	0	0
MARCUS CORPORATION	COM	566330106	211	15,932	SH	SOLE	1	15,932	0	0
MARINE PRODUCTS CORP	COM	568427108	61	4,387	SH	SOLE	1	4,387	0	0
MARINEMAX INC	COM	567908108	329	14,672	SH	SOLE	1	14,672	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q101	132	51,819	SH	SOLE	1	51,819	0	0
MARKEL CORP	COM	570535104	163	177	SH	SOLE	1	177	0	0
MARKER THERAPEUTICS INC	COM	57055L107	37	18,048	SH	SOLE	1	18,048	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	7,515	15,002	SH	SOLE	1	15,002	0	0
MARLIN BUSINESS SERVICES INC	COM	571157106	43	5,118	SH	SOLE	1	5,118	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	9,328	108,807	SH	SOLE	1	108,807	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	7,609	92,554	SH	SOLE	1	92,554	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	48	41,169	SH	SOLE	1	41,169	0	0
MARSH & MCLENNAN COS	COM	571748102	20,902	194,671	SH	SOLE	1	194,671	0	0
MARTEN TRANSPORT LTD	COM	573075108	701	27,861	SH	SOLE	1	27,861	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	5,200	25,172	SH	SOLE	1	25,172	0	0
MARVELL TECHNOLOGY GROUP LTD	COM	G5876H105	302	8,619	SH	SOLE	1	8,619	0	0
MASCO CORP	COM	574599106	6,295	125,379	SH	SOLE	1	125,379	0	0
MASIMO CORP	COM	574795100	21,359	93,685	SH	SOLE	1	93,685	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	1,159	14,902	SH	SOLE	1	14,902	0	0
MASTEC INC	COM	576323109	6,406	142,774	SH	SOLE	1	142,774	0	0
MASTECH DIGITAL INC	COM	57633B100	62	2,385	SH	SOLE	1	2,385	0	0

MASTERCARD INC A	COM	57636Q104	98,557	333,302	SH	SOLE	1	333,302	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	216	11,333	SH	SOLE	1	11,333	0	0
MATADOR RESOURCES CO	COM	576485205	663	77,972	SH	SOLE	1	77,972	0	0
MATCH GROUP INC	COM	57665R106	162	1,512	SH	SOLE	1	1,512	0	0
MATERION CORP	COM	576690101	883	14,360	SH	SOLE	1	14,360	0	0
MATRIX SERVICE CO	COM	576853105	178	18,346	SH	SOLE	1	18,346	0	0
MATSON INC	COM	57686G105	881	30,286	SH	SOLE	1	30,286	0	0
MATTEL INC	COM	577081102	6,295	651,015	SH	SOLE	1	651,015	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	413	21,643	SH	SOLE	1	21,643	0	0
MAUI LAND & PINEAPPLE CO	COM	577345101	46	4,121	SH	SOLE	1	4,121	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	663	36,932	SH	SOLE	1	36,932	0	0
MAXIM INTEGRATED PRODUCTS	COM	57772K101	8,273	136,491	SH	SOLE	1	136,491	0	0
MAXIMUS INC	COM	577933104	10,649	151,154	SH	SOLE	1	151,154	0	0
MAXLINEAR INC	COM	57776J100	1,013	47,205	SH	SOLE	1	47,205	0	0
MAYVILLE ENGINEERING CO INC	COM	578605107	35	4,447	SH	SOLE	1	4,447	0	0
MBIA INC	COM	55262C100	308	42,498	SH	SOLE	1	42,498	0	0
MCCORMICK & CO NON VTG SHRS	COM	579780206	9,195	51,253	SH	SOLE	1	51,253	0	0
MCDONALD S CORP	COM	580135101	58,062	314,753	SH	SOLE	1	314,753	0	0
MCGRATH RENTCORP	COM	580589109	797	14,755	SH	SOLE	1	14,755	0	0
MCKESSON CORP W/D	COM	58155Q103	8,725	56,871	SH	SOLE	1	56,871	0	0
MDC HOLDINGS INC	COM	552676108	1,282	35,921	SH	SOLE	1	35,921	0	0
MDU RESOURCES GROUP INC	COM	552690109	8,309	374,638	SH	SOLE	1	374,638	0	0
MEDALLIA INC	COM	584021109	57	2,240	SH	SOLE	1	2,240	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	18,556	987,021	SH	SOLE	1	987,021	0	0
MEDICINOVA INC	COM	58468P206	140	25,766	SH	SOLE	1	25,766	0	0
MEDIFAST INC	COM	58470H101	1,115	8,036	SH	SOLE	1	8,036	0	0
MEDNAX INC	COM	58502B106	4,438	259,535	SH	SOLE	1	259,535	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	1,793	19,272	SH	SOLE	1	19,272	0	0
MEDTRONIC PLC	COM	G5960L103	43,267	471,833	SH	SOLE	1	471,833	0	0
MEET GROUP INC/THE	COM	58513U101	262	42,063	SH	SOLE	1	42,063	0	0
MEI PHARMA INC	COM	55279B202	261	63,183	SH	SOLE	1	63,183	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	157	12,556	SH	SOLE	1	12,556	0	0
MELCO RESORTS & ENTERT ADR	ADR	585464100	464	29,929	SH	SOLE	1	29,929	0	0
MENLO THERAPEUTICS INC	COM	586858102	113	65,153	SH	SOLE	1	65,153	0	0
MERCADOLIBRE INC	COM	58733R102	2,931	2,973	SH	SOLE	1	2,973	0	0
MERCANTILE BANK CORP	COM	587376104	218	9,666	SH	SOLE	1	9,666	0	0
MERCER INTERNATIONAL INC	COM	588056101	31	3,842	SH	SOLE	1	3,842	0	0
MERCHANTS BANCORP/IN	COM	58844R108	99	5,338	SH	SOLE	1	5,338	0	0
MERCK & CO. INC.	COM	58933Y105	65,456	846,453	SH	SOLE	1	846,453	0	0
MERCURY GENERAL CORP	COM	589400100	2,065	50,683	SH	SOLE	1	50,683	0	0
MERCURY SYSTEMS INC	COM	589378108	8,220	104,503	SH	SOLE	1	104,503	0	0
MEREDITH CORP	COM	589433101	409	28,112	SH	SOLE	1	28,112	0	0
MERIDIAN BANCORP INC	COM	58958U103	332	28,616	SH	SOLE	1	28,616	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	699	29,994	SH	SOLE	1	29,994	0	0

MERIDIAN CORP	COM	58958P104	52	3,284	SH	SOLE	1	3,284	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	1,755	38,434	SH	SOLE	1	38,434	0	0
MERITAGE HOMES CORP	COM	59001A102	1,989	26,127	SH	SOLE	1	26,127	0	0
MERITOR INC	COM	59001K100	977	49,344	SH	SOLE	1	49,344	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	656	28,051	SH	SOLE	1	28,051	0	0
MESA AIR GROUP INC	COM	590479135	62	18,021	SH	SOLE	1	18,021	0	0
MESA LABORATORIES INC	COM	59064R109	622	2,867	SH	SOLE	1	2,867	0	0
META FINANCIAL GROUP INC	COM	59100U108	426	23,428	SH	SOLE	1	23,428	0	0
METHODE ELECTRONICS INC	COM	591520200	805	25,737	SH	SOLE	1	25,737	0	0
METLIFE INC	COM	59156R108	9,232	252,802	SH	SOLE	1	252,802	0	0
METROCITY BANKSHARES INC	COM	59165J105	152	10,589	SH	SOLE	1	10,589	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	137	4,283	SH	SOLE	1	4,283	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	7,534	9,353	SH	SOLE	1	9,353	0	0
MFA FINANCIAL INC	COM	55272X102	691	277,581	SH	SOLE	1	277,581	0	0
MGE ENERGY INC	COM	55277P104	1,379	21,369	SH	SOLE	1	21,369	0	0
MGIC INVESTMENT CORP	COM	552848103	1,457	177,906	SH	SOLE	1	177,906	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	2,842	169,144	SH	SOLE	1	169,144	0	0
MGP INGREDIENTS INC	COM	55303J106	336	9,150	SH	SOLE	1	9,150	0	0
MICHAELS COS INC/THE	COM	59408Q106	374	52,901	SH	SOLE	1	52,901	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	11,307	107,364	SH	SOLE	1	107,364	0	0
MICRON TECHNOLOGY INC	COM	595112103	24,737	480,152	SH	SOLE	1	480,152	0	0
MICROSOFT CORP	COM	594918104	637,479	3,132,422	SH	SOLE	1	3,132,422	0	0
MICROSTRATEGY INC CL A	CL A	594972408	651	5,507	SH	SOLE	1	5,507	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	4,625	40,329	SH	SOLE	1	40,329	0	0
MID PENN BANCORP INC	COM	59540G107	78	4,246	SH	SOLE	1	4,246	0	0
MIDDLEBY CORP	COM	596278101	8,197	103,839	SH	SOLE	1	103,839	0	0
MIDDLEFIELD BANC CORP	COM	596304204	76	3,656	SH	SOLE	1	3,656	0	0
MIDDLESEX WATER CO	COM	596680108	701	10,431	SH	SOLE	1	10,431	0	0
MIDLAND STATES BANCORP INC	COM	597742105	201	13,422	SH	SOLE	1	13,422	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	180	8,979	SH	SOLE	1	8,979	0	0
MILESTONE SCIENTIFIC INC	COM	59935P209	42	21,439	SH	SOLE	1	21,439	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	202	6,788	SH	SOLE	1	6,788	0	0
MIMECAST LTD	COM	G14838109	1,438	34,515	SH	SOLE	1	34,515	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	3,948	84,128	SH	SOLE	1	84,128	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	72	19,917	SH	SOLE	1	19,917	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	2,567	22,484	SH	SOLE	1	22,484	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	62	3,180	SH	SOLE	1	3,180	0	0
MISONIX INC	COM	604871103	120	8,841	SH	SOLE	1	8,841	0	0
MISTRAS GROUP INC	COM	60649T107	44	11,085	SH	SOLE	1	11,085	0	0
MITEK SYSTEMS INC	COM	606710200	235	24,484	SH	SOLE	1	24,484	0	0

MKS INSTRUMENTS INC	COM	55306N104	11,675	103,104	SH	SOLE	1	103,104	0	0
MMA CAPITAL HOLDINGS INC	COM	55315D105	67	2,902	SH	SOLE	1	2,902	0	0
MOBILE MINI INC	COM	60740F105	794	26,927	SH	SOLE	1	26,927	0	0
MOBILE TELESYSTEMS SP ADR	ADR	607409109	71	7,742	SH	SOLE	1	7,742	0	0
MOBILEIRON INC	COM	60739U204	290	58,873	SH	SOLE	1	58,873	0	0
MODEL N INC	COM	607525102	725	20,850	SH	SOLE	1	20,850	0	0
MODERNA INC	COM	60770K107	472	7,350	SH	SOLE	1	7,350	0	0
MODINE MANUFACTURING CO	COM	607828100	167	30,294	SH	SOLE	1	30,294	0	0
MOELIS & CO CLASS A	COM	60786M105	1,007	32,315	SH	SOLE	1	32,315	0	0
MOHAWK INDUSTRIES INC	COM	608190104	2,061	20,253	SH	SOLE	1	20,253	0	0
MOLECULAR TEMPLATES INC	COM	608550109	204	14,826	SH	SOLE	1	14,826	0	0
MOLINA HEALTHCARE INC	COM	60855R100	19,785	111,166	SH	SOLE	1	111,166	0	0
MOLSON COORS BEVERAGE CO B	CL B	60871R209	2,196	63,906	SH	SOLE	1	63,906	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	2,774	83,368	SH	SOLE	1	83,368	0	0
MOMO INC SPON ADR	ADR	60879B107	31	1,746	SH	SOLE	1	1,746	0	0
MONARCH CASINO & RESORT INC	COM	609027107	302	8,863	SH	SOLE	1	8,863	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	28,282	553,142	SH	SOLE	1	553,142	0	0
MONEYGRAM INTERNATIONAL INC	COM	60935Y208	122	37,927	SH	SOLE	1	37,927	0	0
MONGODB INC	COM	60937P106	259	1,143	SH	SOLE	1	1,143	0	0
MONMOUTH REAL ESTATE INV COR	COM	609720107	986	68,018	SH	SOLE	1	68,018	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	18,578	78,387	SH	SOLE	1	78,387	0	0
MONRO INC	COM	610236101	1,283	23,358	SH	SOLE	1	23,358	0	0
MONSTER BEVERAGE CORP	COM	61174X109	12,008	173,232	SH	SOLE	1	173,232	0	0
MONTAGE RESOURCES CORP	COM	61179L100	52	13,106	SH	SOLE	1	13,106	0	0
MOODY S CORP	COM	615369105	19,436	70,745	SH	SOLE	1	70,745	0	0
MOOG INC CLASS A	COM	615394202	1,116	21,064	SH	SOLE	1	21,064	0	0
MORGAN STANLEY	COM	617446448	18,954	392,415	SH	SOLE	1	392,415	0	0
MORNINGSTAR INC	COM	617700109	76	541	SH	SOLE	1	541	0	0
MORPHIC HOLDING INC	COM	61775R105	227	8,375	SH	SOLE	1	8,375	0	0
MOSAIC CO/THE	COM	61945C103	1,486	118,780	SH	SOLE	1	118,780	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	235	13,300	SH	SOLE	1	13,300	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	9,346	66,695	SH	SOLE	1	66,695	0	0
MOVADO GROUP INC	COM	624580106	121	11,192	SH	SOLE	1	11,192	0	0
MR COOPER GROUP INC	COM	62482R107	582	46,811	SH	SOLE	1	46,811	0	0
MRC GLOBAL INC	COM	55345K103	284	48,056	SH	SOLE	1	48,056	0	0
MSA SAFETY INC	COM	553498106	7,656	66,903	SH	SOLE	1	66,903	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	6,179	84,866	SH	SOLE	1	84,866	0	0
MSCI INC	COM	55354G100	12,709	38,072	SH	SOLE	1	38,072	0	0
MSG NETWORKS INC A	COM	553573106	242	24,359	SH	SOLE	1	24,359	0	0
MTS SYSTEMS CORP	COM	553777103	238	13,519	SH	SOLE	1	13,519	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,053	39,628	SH	SOLE	1	39,628	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	904	95,874	SH	SOLE	1	95,874	0	0
MURPHY OIL CORP	COM	626717102	3,766	272,898	SH	SOLE	1	272,898	0	0
MURPHY USA INC	COM	626755102	7,629	67,757	SH	SOLE	1	67,757	0	0

MUSTANG BIO INC	COM	62818Q104	56	17,519	SH	SOLE	1	17,519	0	0
MVB FINANCIAL CORP	COM	553810102	80	6,032	SH	SOLE	1	6,032	0	0
MYERS INDUSTRIES INC	COM	628464109	369	25,345	SH	SOLE	1	25,345	0	0
MYLAN NV	COM	N59465109	2,832	176,140	SH	SOLE	1	176,140	0	0
MYOKARDIA INC	COM	62857M105	2,937	30,397	SH	SOLE	1	30,397	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	369	11,560	SH	SOLE	1	11,560	0	0
MYRIAD GENETICS INC	COM	62855J104	575	50,673	SH	SOLE	1	50,673	0	0
N B T BANCORP INC	COM	628778102	928	30,181	SH	SOLE	1	30,181	0	0
NABORS INDUSTRIES LTD	COM	G6359F137	183	4,949	SH	SOLE	1	4,949	0	0
NACCO INDUSTRIES CL A	CL A	629579103	53	2,290	SH	SOLE	1	2,290	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	678	23,113	SH	SOLE	1	23,113	0	0
NANTHEALTH INC	COM	630104107	76	16,487	SH	SOLE	1	16,487	0	0
NANTKWEST INC	COM	63016Q102	216	17,585	SH	SOLE	1	17,585	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	166	7,117	SH	SOLE	1	7,117	0	0
NASDAQ INC	COM	631103108	7,420	62,107	SH	SOLE	1	62,107	0	0
NATERA INC	COM	632307104	2,127	42,662	SH	SOLE	1	42,662	0	0
NATHAN S FAMOUS INC	COM	632347100	100	1,774	SH	SOLE	1	1,774	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	565	20,925	SH	SOLE	1	20,925	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	112	3,911	SH	SOLE	1	3,911	0	0
NATIONAL BEVERAGE CORP	COM	635017106	509	8,345	SH	SOLE	1	8,345	0	0
NATIONAL CINEMEDIA INC	COM	635309107	113	38,074	SH	SOLE	1	38,074	0	0
NATIONAL ENERGY SERVICES REU	COM	G6375R107	87	12,635	SH	SOLE	1	12,635	0	0
NATIONAL FUEL GAS CO	COM	636180101	7,075	168,732	SH	SOLE	1	168,732	0	0
NATIONAL GENERAL HLDGS	COM	636220303	901	41,707	SH	SOLE	1	41,707	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	487	7,673	SH	SOLE	1	7,673	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	8,507	219,751	SH	SOLE	1	219,751	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	1,899	154,997	SH	SOLE	1	154,997	0	0
NATIONAL PRESTO INDS INC	COM	637215104	315	3,602	SH	SOLE	1	3,602	0	0
NATIONAL RESEARCH CORP	COM	637372202	480	8,252	SH	SOLE	1	8,252	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	11,500	324,140	SH	SOLE	1	324,140	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	1,256	43,821	SH	SOLE	1	43,821	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	1,502	49,206	SH	SOLE	1	49,206	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	319	1,570	SH	SOLE	1	1,570	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,712	28,197	SH	SOLE	1	28,197	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	83	5,579	SH	SOLE	1	5,579	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	49	5,424	SH	SOLE	1	5,424	0	0
NATUS MEDICAL INC	COM	639050103	520	23,811	SH	SOLE	1	23,811	0	0
NAUTILUS INC	COM	63910B102	168	18,120	SH	SOLE	1	18,120	0	0
NAVIENT CORP	COM	63938C108	3,048	433,519	SH	SOLE	1	433,519	0	0
NAVISTAR INTERNATIONAL CORP	COM	63934E108	861	30,529	SH	SOLE	1	30,529	0	0
NCR CORPORATION	COM	62886E108	4,136	238,771	SH	SOLE	1	238,771	0	0

NEENAH INC	COM	640079109	587	11,865	SH	SOLE	1	11,865	0	0
NEKTAR THERAPEUTICS	COM	640268108	7,701	332,492	SH	SOLE	1	332,492	0	0
NELNET INC CL A	CL A	64031N108	517	10,826	SH	SOLE	1	10,826	0	0
NEMAURA MEDICAL INC	COM	640442208	38	4,110	SH	SOLE	1	4,110	0	0
NEOGEN CORP	COM	640491106	2,897	37,331	SH	SOLE	1	37,331	0	0
NEOGENOMICS INC	COM	64049M209	2,288	73,870	SH	SOLE	1	73,870	0	0
NEOLEUKIN THERAPEUTICS INC	COM	64049K104	301	18,161	SH	SOLE	1	18,161	0	0
NEOPHOTONICS CORP	COM	64051T100	262	29,517	SH	SOLE	1	29,517	0	0
NESCO HOLDINGS INC	COM	64083J104	33	8,109	SH	SOLE	1	8,109	0	0
NETAPP INC	COM	64110D104	178,617	4,025,617	SH	SOLE	1	4,025,617	0	0
NETEASE INC ADR	ADR	64110W102	2,291	5,335	SH	SOLE	1	5,335	0	0
NETFLIX INC	COM	64110L106	86,781	190,711	SH	SOLE	1	190,711	0	0
NETGEAR INC	COM	64111Q104	534	20,641	SH	SOLE	1	20,641	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	4,122	161,250	SH	SOLE	1	161,250	0	0
NEUBASE THERAPEUTICS INC	COM	64132K102	93	10,559	SH	SOLE	1	10,559	0	0
NEUROBO PHARMACEUTICALS INC	COM	64132R107	21	2,618	SH	SOLE	1	2,618	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	307	2,516	SH	SOLE	1	2,516	0	0
NEVRO CORP	COM	64157F103	2,453	20,535	SH	SOLE	1	20,535	0	0
NEW AGE BEVERAGES CORP	COM	64157V108	82	53,855	SH	SOLE	1	53,855	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	7,704	235,949	SH	SOLE	1	235,949	0	0
NEW ORIENTAL EDUCATIO SP ADR	SPON ADR	647581107	241	1,850	SH	SOLE	1	1,850	0	0
NEW RELIC INC	COM	64829B100	95	1,377	SH	SOLE	1	1,377	0	0
NEW RESIDENTIAL INVESTMENT	COM	64828T201	40	5,414	SH	SOLE	1	5,414	0	0
NEW SENIOR INVESTMENT GROUP	COM	648691103	181	50,124	SH	SOLE	1	50,124	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	8,840	866,628	SH	SOLE	1	866,628	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	699	267,843	SH	SOLE	1	267,843	0	0
NEW YORK TIMES CO A	COM	650111107	11,342	269,849	SH	SOLE	1	269,849	0	0
NEWELL BRANDS INC	COM	651229106	2,398	150,992	SH	SOLE	1	150,992	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	425	87,361	SH	SOLE	1	87,361	0	0
NEWMARKET CORP	COM	651587107	5,433	13,567	SH	SOLE	1	13,567	0	0
NEWMONT CORP	COM	651639106	16,238	263,004	SH	SOLE	1	263,004	0	0
NEWPARK RESOURCES INC	COM	651718504	140	62,970	SH	SOLE	1	62,970	0	0
NEWS CORP CLASS A	COM	65249B109	1,571	132,497	SH	SOLE	1	132,497	0	0
NEWS CORP CLASS B	COM	65249B208	496	41,490	SH	SOLE	1	41,490	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	543	15,360	SH	SOLE	1	15,360	0	0
NEXSTAR MEDIA GROUP INC CL A	CL A	65336K103	83	989	SH	SOLE	1	989	0	0
NEXTCURE INC	COM	65343E108	216	10,077	SH	SOLE	1	10,077	0	0
NEXTDECADE CORP	COM	65342K105	28	12,854	SH	SOLE	1	12,854	0	0
NEXTERA ENERGY INC	COM	65339F101	38,804	161,569	SH	SOLE	1	161,569	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	421	38,316	SH	SOLE	1	38,316	0	0
NEXTTIER OILFIELD SOLUTIONS I	COM	65290C105	242	98,966	SH	SOLE	1	98,966	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	283	14,357	SH	SOLE	1	14,357	0	0
NI HOLDINGS INC	COM	65342T106	83	5,610	SH	SOLE	1	5,610	0	0

NIC INC	COM	62914B100	1,071	46,653	SH	SOLE	1	46,653	0	0
NICOLET BANKSHARES INC	COM	65406E102	313	5,713	SH	SOLE	1	5,713	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	1,912	128,699	SH	SOLE	1	128,699	0	0
NIKE INC CL B	COM	654106103	40,212	410,121	SH	SOLE	1	410,121	0	0
NIO INC ADR	ADR	62914V106	52	6,788	SH	SOLE	1	6,788	0	0
NISOURCE INC	COM	65473P105	3,217	141,467	SH	SOLE	1	141,467	0	0
NL INDUSTRIES	COM	629156407	17	5,123	SH	SOLE	1	5,123	0	0
NLIGHT INC	COM	65487K100	470	21,100	SH	SOLE	1	21,100	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	787	48,960	SH	SOLE	1	48,960	0	0
NN INC	COM	629337106	122	25,670	SH	SOLE	1	25,670	0	0
NOAH HOLDINGS LTD SPON ADS	ADR	65487X102	13	510	SH	SOLE	1	510	0	0
NOBLE ENERGY INC	COM	655044105	1,595	178,033	SH	SOLE	1	178,033	0	0
NOODLES & CO	COM	65540B105	116	19,108	SH	SOLE	1	19,108	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	358	88,201	SH	SOLE	1	88,201	0	0
NORDSON CORP	COM	655663102	18,338	96,664	SH	SOLE	1	96,664	0	0
NORDSTROM INC	COM	655664100	3,135	202,412	SH	SOLE	1	202,412	0	0
NORFOLK SOUTHERN CORP	COM	655844108	16,881	96,152	SH	SOLE	1	96,152	0	0
NORTHEAST BANK	COM	66405S100	82	4,694	SH	SOLE	1	4,694	0	0
NORTHERN TRUST CORP	COM	665859104	6,800	85,713	SH	SOLE	1	85,713	0	0
NORTHFIELD BANCORP INC	COM	66611T108	360	31,217	SH	SOLE	1	31,217	0	0
NORTHRIM BANCORP INC	COM	666762109	96	3,824	SH	SOLE	1	3,824	0	0
NORTHROP GRUMMAN CORP	COM	666807102	15,836	51,508	SH	SOLE	1	51,508	0	0
NORTHWEST BANCSHARES INC	COM	667340103	849	83,052	SH	SOLE	1	83,052	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	1,202	21,554	SH	SOLE	1	21,554	0	0
NORTHWEST PIPE CO	COM	667746101	147	5,883	SH	SOLE	1	5,883	0	0
NORTHWESTERN CORP	COM	668074305	6,801	124,738	SH	SOLE	1	124,738	0	0
NORTONLIFELOCK INC	COM	668771108	5,467	275,714	SH	SOLE	1	275,714	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	1,435	87,348	SH	SOLE	1	87,348	0	0
NORWOOD FINANCIAL CORP	COM	669549107	88	3,557	SH	SOLE	1	3,557	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	1,334	145,359	SH	SOLE	1	145,359	0	0
NOVANTA INC	COM	67000B104	2,235	20,930	SH	SOLE	1	20,930	0	0
NOVAVAX INC	COM	670002401	2,971	35,645	SH	SOLE	1	35,645	0	0
NOVOCURE LTD	COM	G6674U108	161	2,719	SH	SOLE	1	2,719	0	0
NOW INC	COM	67011P100	668	77,459	SH	SOLE	1	77,459	0	0
NRG ENERGY INC	COM	629377508	4,688	143,981	SH	SOLE	1	143,981	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	3,707	96,959	SH	SOLE	1	96,959	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	93	3,674	SH	SOLE	1	3,674	0	0
NUCOR CORP	COM	670346105	15,748	380,305	SH	SOLE	1	380,305	0	0
NUTANIX INC A	COM	67059N108	116	4,874	SH	SOLE	1	4,874	0	0
NUVASIVE INC	COM	670704105	7,041	126,509	SH	SOLE	1	126,509	0	0
NV5 GLOBAL INC	COM	62945V109	330	6,494	SH	SOLE	1	6,494	0	0
NVE CORP	COM	629445206	180	2,916	SH	SOLE	1	2,916	0	0
NVENT ELECTRIC PLC	COM	G6700G107	5,468	291,946	SH	SOLE	1	291,946	0	0
NVIDIA CORP	COM	67066G104	101,061	266,014	SH	SOLE	1	266,014	0	0
NVR INC	COM	62944T105	3,907	1,199	SH	SOLE	1	1,199	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	1,903	16,687	SH	SOLE	1	16,687	0	0

NYMOX PHARMACEUTICAL CORP	COM	P73398102	86	24,108	SH	SOLE	1	24,108	0	0
O I GLASS INC	COM	67098H104	3,469	386,349	SH	SOLE	1	386,349	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	14,331	33,987	SH	SOLE	1	33,987	0	0
OAK VALLEY BANCORP	COM	671807105	53	4,179	SH	SOLE	1	4,179	0	0
OASIS PETROLEUM INC	COM	674215108	21	27,915	SH	SOLE	1	27,915	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	6,557	358,285	SH	SOLE	1	358,285	0	0
OCEANEERING INTL INC	COM	675232102	449	70,209	SH	SOLE	1	70,209	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	627	35,551	SH	SOLE	1	35,551	0	0
OCONEE FEDERAL FINANCIAL COR	COM	675607105	16	639	SH	SOLE	1	639	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	261	31,355	SH	SOLE	1	31,355	0	0
ODONATE THERAPEUTICS INC	COM	676079106	339	7,997	SH	SOLE	1	7,997	0	0
OFFICE DEPOT INC	COM	676220106	869	369,862	SH	SOLE	1	369,862	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	880	33,870	SH	SOLE	1	33,870	0	0
OFG BANCORP	COM	67103X102	480	35,873	SH	SOLE	1	35,873	0	0
OGE ENERGY CORP	COM	670837103	11,354	373,988	SH	SOLE	1	373,988	0	0
OHIO VALLEY BANC CORP	COM	677719106	59	2,625	SH	SOLE	1	2,625	0	0
OIL DRI CORP OF AMERICA	COM	677864100	110	3,176	SH	SOLE	1	3,176	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	203	42,657	SH	SOLE	1	42,657	0	0
OKTA INC	COM	679295105	630	3,147	SH	SOLE	1	3,147	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	5,737	33,826	SH	SOLE	1	33,826	0	0
OLD NATIONAL BANCORP	COM	680033107	1,597	116,070	SH	SOLE	1	116,070	0	0
OLD REPUBLIC INTL CORP	COM	680223104	8,707	533,862	SH	SOLE	1	533,862	0	0
OLD SECOND BANCORP INC	COM	680277100	137	17,597	SH	SOLE	1	17,597	0	0
OLIN CORP	COM	680665205	3,386	294,727	SH	SOLE	1	294,727	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	10,378	106,280	SH	SOLE	1	106,280	0	0
OLYMPIC STEEL INC	COM	68162K106	76	6,458	SH	SOLE	1	6,458	0	0
OMEGA FLEX INC	COM	682095104	188	1,776	SH	SOLE	1	1,776	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	12,710	427,514	SH	SOLE	1	427,514	0	0
OMEROS CORP	COM	682143102	472	32,079	SH	SOLE	1	32,079	0	0
OMNICELL INC	COM	68213N109	2,122	30,055	SH	SOLE	1	30,055	0	0
OMNICOM GROUP	COM	681919106	185,207	3,392,071	SH	SOLE	1	3,392,071	0	0
ON SEMICONDUCTOR CORP	COM	682189105	105	5,303	SH	SOLE	1	5,303	0	0
ONCOCYTE CORP	COM	68235C107	51	26,457	SH	SOLE	1	26,457	0	0
ONE GAS INC	COM	68235P108	10,028	130,152	SH	SOLE	1	130,152	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	170	9,661	SH	SOLE	1	9,661	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	666	27,151	SH	SOLE	1	27,151	0	0
ONEOK INC	COM	682680103	6,079	182,981	SH	SOLE	1	182,981	0	0
ONESPAN INC	COM	68287N100	657	23,540	SH	SOLE	1	23,540	0	0
ONESPAWORLD HOLDINGS LTD	COM	P73684113	132	27,634	SH	SOLE	1	27,634	0	0
ONEWATER MARINE INC CL A	CL A	68280L101	69	2,849	SH	SOLE	1	2,849	0	0
ONTO INNOVATION INC	COM	683344105	1,143	33,567	SH	SOLE	1	33,567	0	0
OOMA INC	COM	683416101	209	12,696	SH	SOLE	1	12,696	0	0

OP BANCORP	COM	67109R109	52	7,464	SH	SOLE	1	7,464	0	0
OPKO HEALTH INC	COM	68375N103	829	243,252	SH	SOLE	1	243,252	0	0
OPORTUN FINANCIAL CORP	COM	68376D104	160	11,891	SH	SOLE	1	11,891	0	0
OPPENHEIMER HOLDINGS CL A	CL A	683797104	125	5,745	SH	SOLE	1	5,745	0	0
OPTIMIZERX CORP	COM	68401U204	115	8,808	SH	SOLE	1	8,808	0	0
OPTINOSE INC	COM	68404V100	140	18,873	SH	SOLE	1	18,873	0	0
OPTION CARE HEALTH INC	COM	68404L201	288	20,765	SH	SOLE	1	20,765	0	0
ORACLE CORP	COM	68389X105	38,011	687,725	SH	SOLE	1	687,725	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	523	44,941	SH	SOLE	1	44,941	0	0
ORBCOMM INC	COM	68555P100	174	45,273	SH	SOLE	1	45,273	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X103	192	40,693	SH	SOLE	1	40,693	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	48	12,379	SH	SOLE	1	12,379	0	0
ORGENESIS INC	COM	68619K204	67	11,051	SH	SOLE	1	11,051	0	0
ORIC PHARMACEUTICALS INC	COM	68622P109	180	5,325	SH	SOLE	1	5,325	0	0
ORIGIN BANCORP INC	COM	68621T102	296	13,444	SH	SOLE	1	13,444	0	0
ORION ENERGY SYSTEMS INC	COM	686275108	57	16,336	SH	SOLE	1	16,336	0	0
ORION ENGINEERED CARBONS SA	COM	L72967109	390	36,865	SH	SOLE	1	36,865	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	1,554	24,474	SH	SOLE	1	24,474	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	98	6,652	SH	SOLE	1	6,652	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	424	13,255	SH	SOLE	1	13,255	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	320	7,309	SH	SOLE	1	7,309	0	0
OSHKOSH CORP	COM	688239201	9,109	127,179	SH	SOLE	1	127,179	0	0
OSI SYSTEMS INC	COM	671044105	893	11,960	SH	SOLE	1	11,960	0	0
OSMOTICA PHARMACEUTICALS PLC	COM	G6S41R101	49	7,308	SH	SOLE	1	7,308	0	0
OTIS WORLDWIDE CORP	COM	68902V107	9,120	160,400	SH	SOLE	1	160,400	0	0
OTTER TAIL CORP	COM	689648103	951	24,521	SH	SOLE	1	24,521	0	0
OUTFRONT MEDIA INC	COM	69007J106	108	7,625	SH	SOLE	1	7,625	0	0
OVERSEAS SHIPHOLDING GROUP A	COM	69036R863	75	40,374	SH	SOLE	1	40,374	0	0
OVERSTOCK.COM INC	COM	690370101	699	24,586	SH	SOLE	1	24,586	0	0
OVID THERAPEUTICS INC	COM	690469101	193	26,183	SH	SOLE	1	26,183	0	0
OVINTIV INC	COM	69047Q102	1,529	160,131	SH	SOLE	1	160,131	0	0
OWENS & MINOR INC	COM	690732102	336	44,100	SH	SOLE	1	44,100	0	0
OWENS CORNING	COM	690742101	11,234	201,477	SH	SOLE	1	201,477	0	0
OXFORD INDUSTRIES INC	COM	691497309	512	11,635	SH	SOLE	1	11,635	0	0
OYSTER POINT PHARMA INC	COM	69242L106	89	3,073	SH	SOLE	1	3,073	0	0
P G & E CORP	COM	69331C108	61	6,928	SH	SOLE	1	6,928	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	34	1,105	SH	SOLE	1	1,105	0	0
PACCAR INC	COM	693718108	12,501	167,014	SH	SOLE	1	167,014	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	307	88,990	SH	SOLE	1	88,990	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,286	59,299	SH	SOLE	1	59,299	0	0
PACIRA BIOSCIENCES INC	COM	695127100	1,538	29,316	SH	SOLE	1	29,316	0	0
PACKAGING CORP OF	COM	695156109	5,254	52,645	SH	SOLE	1	52,645	0	0

AMERICA											
PACWEST BANCORP	COM	695263103	5,423	275,149	SH	SOLE	1	275,149	0	0	
PAE INC	CL A	69290Y109	345	36,125	SH	SOLE	1	36,125	0	0	
PAGERDUTY INC	COM	69553P100	54	1,874	SH	SOLE	1	1,874	0	0	
PALO ALTO NETWORKS INC	COM	697435105	614	2,675	SH	SOLE	1	2,675	0	0	
PALOMAR HOLDINGS INC	COM	69753M105	1,158	13,500	SH	SOLE	1	13,500	0	0	
PANGAEA LOGISTICS SOLUTIONS	L SHS	G6891L105	16	6,467	SH	SOLE	1	6,467	0	0	
PAPA JOHN S INTL INC	COM	698813102	4,855	61,133	SH	SOLE	1	61,133	0	0	
PAR PACIFIC HOLDINGS INC	COM	69888T207	253	28,185	SH	SOLE	1	28,185	0	0	
PAR TECHNOLOGY CORP/DEL	COM	698884103	294	9,832	SH	SOLE	1	9,832	0	0	
PARAMOUNT GROUP INC	COM	69924R108	19	2,472	SH	SOLE	1	2,472	0	0	
PARATEK PHARMACEUTICALS INC	COM	699374302	130	24,940	SH	SOLE	1	24,940	0	0	
PARK AEROSPACE CORP	COM	70014A104	148	13,329	SH	SOLE	1	13,329	0	0	
PARK CITY GROUP INC	COM	700215304	32	7,545	SH	SOLE	1	7,545	0	0	
PARK HOTELS & RESORTS INC	COM	700517105	4,354	440,231	SH	SOLE	1	440,231	0	0	
PARK NATIONAL CORP	COM	700658107	617	8,769	SH	SOLE	1	8,769	0	0	
PARK OHIO HOLDINGS CORP	COM	700666100	88	5,278	SH	SOLE	1	5,278	0	0	
PARKE BANCORP INC	COM	700885106	88	6,462	SH	SOLE	1	6,462	0	0	
PARKER HANNIFIN CORP	COM	701094104	9,482	51,738	SH	SOLE	1	51,738	0	0	
PARSLEY ENERGY INC CLASS A	COM	701877102	42	3,933	SH	SOLE	1	3,933	0	0	
PARSONS CORP	COM	70202L102	500	13,789	SH	SOLE	1	13,789	0	0	
PASSAGE BIO INC	COM	702712100	227	8,307	SH	SOLE	1	8,307	0	0	
PATRICK INDUSTRIES INC	COM	703343103	966	15,772	SH	SOLE	1	15,772	0	0	
PATTERSON COS INC	COM	703395103	4,661	211,858	SH	SOLE	1	211,858	0	0	
PATTERSON UTI ENERGY INC	COM	703481101	451	129,870	SH	SOLE	1	129,870	0	0	
PAVMED INC	COM	70387R106	46	21,935	SH	SOLE	1	21,935	0	0	
PAYCHEX INC	COM	704326107	206,449	2,725,393	SH	SOLE	1	2,725,393	0	0	
PAYCOM SOFTWARE INC	COM	70432V102	5,382	17,376	SH	SOLE	1	17,376	0	0	
PAYLOCITY HOLDING CORP	COM	70438V106	9,874	67,682	SH	SOLE	1	67,682	0	0	
PAYPAL HOLDINGS INC	COM	70450Y103	88,874	510,097	SH	SOLE	1	510,097	0	0	
PAYSIGN INC	COM	70451A104	183	18,831	SH	SOLE	1	18,831	0	0	
PBF ENERGY INC CLASS A	COM	69318G106	2,542	248,279	SH	SOLE	1	248,279	0	0	
PC CONNECTION INC	COM	69318J100	362	7,798	SH	SOLE	1	7,798	0	0	
PC TEL INC	COM	69325Q105	72	10,774	SH	SOLE	1	10,774	0	0	
PCB BANCORP	COM	69320M109	78	7,620	SH	SOLE	1	7,620	0	0	
PCSB FINANCIAL CORP	COM	69324R104	115	9,052	SH	SOLE	1	9,052	0	0	
PDC ENERGY INC	COM	69327R101	873	70,175	SH	SOLE	1	70,175	0	0	
PDF SOLUTIONS INC	COM	693282105	399	20,379	SH	SOLE	1	20,379	0	0	
PDL BIOPHARMA INC	COM	69329Y104	202	69,520	SH	SOLE	1	69,520	0	0	
PDL COMMUNITY BANCORP	COM	69290X101	47	4,590	SH	SOLE	1	4,590	0	0	
PEABODY ENERGY CORP	COM	704551100	111	38,381	SH	SOLE	1	38,381	0	0	
PEAPACK GLADSTONE FINL CORP	COM	704699107	210	11,186	SH	SOLE	1	11,186	0	0	
PEBBLEBROOK HOTEL TRUST	COM	70509V100	4,401	322,208	SH	SOLE	1	322,208	0	0	
PEGASYSYSTEMS INC	COM	705573103	103	1,021	SH	SOLE	1	1,021	0	0	

PELTON INTERACTIVE INC A	CL A	70614W100	93	1,617	SH	SOLE	1	1,617	0	0
PENN NATIONAL GAMING INC	COM	707569109	9,820	321,532	SH	SOLE	1	321,532	0	0
PENN REAL ESTATE INVEST TST	COM	709102107	8	5,813	SH	SOLE	1	5,813	0	0
PENN VIRGINIA CORP	COM	70788V102	92	9,624	SH	SOLE	1	9,624	0	0
PENNANT GROUP INC/THE	COM	70805E109	415	18,371	SH	SOLE	1	18,371	0	0
PENNS WOODS BANCORP INC	COM	708430103	95	4,184	SH	SOLE	1	4,184	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	1,187	28,412	SH	SOLE	1	28,412	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	1,231	70,196	SH	SOLE	1	70,196	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	16	416	SH	SOLE	1	416	0	0
PENTAIR PLC	COM	G7S00T104	2,145	56,464	SH	SOLE	1	56,464	0	0
PENUMBRA INC	COM	70975L107	11,125	62,216	SH	SOLE	1	62,216	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	1,674	144,684	SH	SOLE	1	144,684	0	0
PEOPLE S UTAH BANCORP	COM	712706209	218	9,717	SH	SOLE	1	9,717	0	0
PEOPLES BANCORP INC	COM	709789101	240	11,292	SH	SOLE	1	11,292	0	0
PEOPLES BANCORP OF NC	COM	710577107	48	2,733	SH	SOLE	1	2,733	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	163	4,272	SH	SOLE	1	4,272	0	0
PEPSICO INC	COM	713448108	88,313	667,725	SH	SOLE	1	667,725	0	0
PERDOCEO EDUCATION CORP	COM	71363P106	780	48,949	SH	SOLE	1	48,949	0	0
PERFICIENT INC	COM	71375U101	826	23,090	SH	SOLE	1	23,090	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	2,335	80,135	SH	SOLE	1	80,135	0	0
PERKINELMER INC	COM	714046109	4,041	41,199	SH	SOLE	1	41,199	0	0
PERRIGO CO PLC	COM	G97822103	3,523	63,741	SH	SOLE	1	63,741	0	0
PERSONALIS INC	COM	71535D106	155	11,956	SH	SOLE	1	11,956	0	0
PERSPECTA INC	COM	715347100	7,861	338,404	SH	SOLE	1	338,404	0	0
PETIQ INC	COM	71639T106	438	12,585	SH	SOLE	1	12,585	0	0
PETMED EXPRESS INC	COM	716382106	495	13,886	SH	SOLE	1	13,886	0	0
PFENEX INC	COM	717071104	176	21,084	SH	SOLE	1	21,084	0	0
PFIZER INC	COM	717081103	249,600	7,633,037	SH	SOLE	1	7,633,037	0	0
PFSWEB INC	COM	717098206	57	8,551	SH	SOLE	1	8,551	0	0
PGT INNOVATIONS INC	COM	69336V101	645	41,107	SH	SOLE	1	41,107	0	0
PHASEBIO PHARMACEUTICALS INC	COM	717224109	42	9,150	SH	SOLE	1	9,150	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	216	6,570	SH	SOLE	1	6,570	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	379	14,418	SH	SOLE	1	14,418	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	208,758	2,979,698	SH	SOLE	1	2,979,698	0	0
PHILLIPS 66	COM	718546104	12,020	167,171	SH	SOLE	1	167,171	0	0
PHOTRONICS INC	COM	719405102	500	44,903	SH	SOLE	1	44,903	0	0
PHREESIA INC	COM	71944F106	494	17,480	SH	SOLE	1	17,480	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	8,902	508,091	SH	SOLE	1	508,091	0	0
PICO HOLDINGS INC	COM	693366205	89	10,523	SH	SOLE	1	10,523	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	1,282	77,195	SH	SOLE	1	77,195	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	94	30,341	SH	SOLE	1	30,341	0	0
PILGRIM S PRIDE CORP	COM	72147K108	1,639	97,060	SH	SOLE	1	97,060	0	0

PINDUODUO INC ADR	ADR	722304102	206	2,403	SH	SOLE	1	2,403	0	0
PING IDENTITY HOLDING CORP	COM	72341T103	313	9,749	SH	SOLE	1	9,749	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	5,595	133,244	SH	SOLE	1	133,244	0	0
PINNACLE WEST CAPITAL	COM	723484101	2,809	38,334	SH	SOLE	1	38,334	0	0
PINTEREST INC CLASS A	CL A	72352L106	222	10,017	SH	SOLE	1	10,017	0	0
PIONEER BANCORP INC/NY	COM	723561106	65	7,095	SH	SOLE	1	7,095	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	6,576	67,308	SH	SOLE	1	67,308	0	0
PIPER SANDLER COS	COM	724078100	713	12,044	SH	SOLE	1	12,044	0	0
PITNEY BOWES INC	COM	724479100	319	122,504	SH	SOLE	1	122,504	0	0
PIXELWORKS INC	COM	72581M305	75	23,199	SH	SOLE	1	23,199	0	0
PJT PARTNERS INC A	COM	69343T107	739	14,399	SH	SOLE	1	14,399	0	0
PLANET FITNESS INC CL A	CL A	72703H101	103	1,697	SH	SOLE	1	1,697	0	0
PLANTRONICS INC	COM	727493108	348	23,694	SH	SOLE	1	23,694	0	0
PLAYAGS INC	COM	72814N104	55	16,271	SH	SOLE	1	16,271	0	0
PLEXUS CORP	COM	729132100	1,436	20,347	SH	SOLE	1	20,347	0	0
PLUG POWER INC	COM	72919P202	1,628	198,241	SH	SOLE	1	198,241	0	0
PLUMAS BANCORP	COM	729273102	63	2,843	SH	SOLE	1	2,843	0	0
PLURALSIGHT INC A	COM	72941B106	46	2,568	SH	SOLE	1	2,568	0	0
PLYMOUTH INDUSTRIAL REIT INC	COM	729640102	115	9,007	SH	SOLE	1	9,007	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	19,252	182,988	SH	SOLE	1	182,988	0	0
PNM RESOURCES INC	COM	69349H107	7,549	196,380	SH	SOLE	1	196,380	0	0
POLARIS INC	COM	731068102	9,964	107,663	SH	SOLE	1	107,663	0	0
POOL CORP	COM	73278L105	20,433	75,156	SH	SOLE	1	75,156	0	0
POPULAR INC	COM	733174700	42	1,134	SH	SOLE	1	1,134	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	2,301	55,043	SH	SOLE	1	55,043	0	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	864	48,024	SH	SOLE	1	48,024	0	0
POST HOLDINGS INC	COM	737446104	10,491	119,734	SH	SOLE	1	119,734	0	0
POTLATCHDELTIC CORP	COM	737630103	6,248	164,301	SH	SOLE	1	164,301	0	0
POWELL INDUSTRIES INC	COM	739128106	173	6,330	SH	SOLE	1	6,330	0	0
POWER INTEGRATIONS INC	COM	739276103	2,467	20,885	SH	SOLE	1	20,885	0	0
POWERFLEET INC	COM	73931J109	77	16,726	SH	SOLE	1	16,726	0	0
PPD INC	COM	69355F102	42	1,555	SH	SOLE	1	1,555	0	0
PPG INDUSTRIES INC	COM	693506107	9,731	91,750	SH	SOLE	1	91,750	0	0
PPL CORP	COM	69351T106	8,053	311,661	SH	SOLE	1	311,661	0	0
PQ GROUP HOLDINGS INC	COM	73943T103	311	23,472	SH	SOLE	1	23,472	0	0
PRA GROUP INC	COM	69354N106	1,236	31,959	SH	SOLE	1	31,959	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	11,640	119,639	SH	SOLE	1	119,639	0	0
PRECIGEN INC	COM	74017N105	202	40,504	SH	SOLE	1	40,504	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	233	27,927	SH	SOLE	1	27,927	0	0
PREFERRED APARTMENT COMMUN A	COM	74039L103	221	29,094	SH	SOLE	1	29,094	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	417	9,726	SH	SOLE	1	9,726	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	93	1,865	SH	SOLE	1	1,865	0	0
PREMIER FINANCIAL BANCORP	COM	74050M105	102	7,982	SH	SOLE	1	7,982	0	0
PREMIER FINANCIAL	COM	74052F108	400	22,644	SH	SOLE	1	22,644	0	0

CORP										
PREMIER INC CLASS A	COM	74051N102	28	804	SH	SOLE	1	804	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	4,646	123,700	SH	SOLE	1	123,700	0	0
PREVAIL THERAPEUTICS INC	COM	74140Y101	130	8,733	SH	SOLE	1	8,733	0	0
PRICESMART INC	COM	741511109	968	16,049	SH	SOLE	1	16,049	0	0
PRIMEENERGY RESOURCES CORP	COM	74158E104	23	317	SH	SOLE	1	317	0	0
PRIMERICA INC	COM	74164M108	8,924	76,533	SH	SOLE	1	76,533	0	0
PRIMO WATER CORP	COM	74167P108	1,314	95,565	SH	SOLE	1	95,565	0	0
PRIMORIS SERVICES CORP	COM	74164F103	521	29,347	SH	SOLE	1	29,347	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	3,614	87,012	SH	SOLE	1	87,012	0	0
PRINCIPIA BIOPHARMA INC	COM	74257L108	1,075	17,982	SH	SOLE	1	17,982	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	12	4,668	SH	SOLE	1	4,668	0	0
PROASSURANCE CORP	COM	74267C106	549	37,934	SH	SOLE	1	37,934	0	0
PROCTER & GAMBLE CO/THE	COM	742718109	120,648	1,009,014	SH	SOLE	1	1,009,014	0	0
PROFESSIONAL HOLDING CORP A	COM	743139107	39	2,838	SH	SOLE	1	2,838	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,229	31,729	SH	SOLE	1	31,729	0	0
PROGRESSIVE CORP	COM	743315103	19,193	239,580	SH	SOLE	1	239,580	0	0
PROGYNY INC	COM	74340E103	416	16,115	SH	SOLE	1	16,115	0	0
PROLOGIS INC	COM	74340W103	26,403	282,903	SH	SOLE	1	282,903	0	0
PROOFPOINT INC	COM	743424103	172	1,549	SH	SOLE	1	1,549	0	0
PROPETRO HOLDING CORP	COM	74347M108	292	56,901	SH	SOLE	1	56,901	0	0
PROS HOLDINGS INC	COM	74346Y103	1,067	24,014	SH	SOLE	1	24,014	0	0
PROSIGHT GLOBAL INC	COM	74349J103	51	5,703	SH	SOLE	1	5,703	0	0
PROSPERITY BANCSHARES INC	COM	743606105	10,278	173,082	SH	SOLE	1	173,082	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	244	13,809	SH	SOLE	1	13,809	0	0
PROTECTIVE INSURANCE CORP B	COM	74368L203	83	5,492	SH	SOLE	1	5,492	0	0
PROTHENA CORP PLC	COM	G72800108	197	18,815	SH	SOLE	1	18,815	0	0
PROTO LABS INC	COM	743713109	2,126	18,900	SH	SOLE	1	18,900	0	0
PROVENTION BIO INC	COM	74374N102	366	25,918	SH	SOLE	1	25,918	0	0
PROVIDENCE SERVICE CORP	COM	743815102	670	8,489	SH	SOLE	1	8,489	0	0
PROVIDENT BANCORP INC	COM	74383L105	42	5,283	SH	SOLE	1	5,283	0	0
PROVIDENT FINANCIAL HLDGS	COM	743868101	49	3,663	SH	SOLE	1	3,663	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	621	42,953	SH	SOLE	1	42,953	0	0
PRUDENTIAL BANCORP INC	COM	74431A101	63	5,254	SH	SOLE	1	5,254	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	10,356	170,055	SH	SOLE	1	170,055	0	0
PS BUSINESS PARKS INC/CA	COM	69360J107	6,556	49,513	SH	SOLE	1	49,513	0	0
PTC INC	COM	69370C100	15,250	196,041	SH	SOLE	1	196,041	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,918	37,794	SH	SOLE	1	37,794	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	8,470	172,297	SH	SOLE	1	172,297	0	0
PUBLIC STORAGE	COM	74460D109	10,470	54,561	SH	SOLE	1	54,561	0	0
PULSE BIOSCIENCES INC	COM	74587B101	88	8,379	SH	SOLE	1	8,379	0	0
PULTEGROUP INC	COM	745867101	2,969	87,238	SH	SOLE	1	87,238	0	0

PUMA BIOTECHNOLOGY INC	COM	74587V107	195	18,680	SH	SOLE	1	18,680	0	0
PURE CYCLE CORP	COM	746228303	109	11,876	SH	SOLE	1	11,876	0	0
PURE STORAGE INC CLASS A	COM	74624M102	89	5,133	SH	SOLE	1	5,133	0	0
PURPLE INNOVATION INC	COM	74640Y106	157	8,744	SH	SOLE	1	8,744	0	0
PVH CORP	COM	693656100	1,249	25,988	SH	SOLE	1	25,988	0	0
PZENA INVESTMENT MANAGM CL A	CL A	74731Q103	57	10,531	SH	SOLE	1	10,531	0	0
Q2 HOLDINGS INC	COM	74736L109	2,603	30,338	SH	SOLE	1	30,338	0	0
QAD INC A	COM	74727D306	292	7,069	SH	SOLE	1	7,069	0	0
QCR HOLDINGS INC	COM	74727A104	282	9,055	SH	SOLE	1	9,055	0	0
QEP RESOURCES INC	COM	74733V100	30	23,181	SH	SOLE	1	23,181	0	0
QIAGEN N.V.	COM	N72482123	126	2,939	SH	SOLE	1	2,939	0	0
QORVO INC	COM	74736K101	4,380	39,629	SH	SOLE	1	39,629	0	0
QTS REALTY TRUST INC CL A	CL A	74736A103	2,538	39,600	SH	SOLE	1	39,600	0	0
QUAD GRAPHICS INC	COM	747301109	66	20,325	SH	SOLE	1	20,325	0	0
QUAKER CHEMICAL CORP	COM	747316107	1,740	9,370	SH	SOLE	1	9,370	0	0
QUALCOMM INC	COM	747525103	46,083	505,245	SH	SOLE	1	505,245	0	0
QUALYS INC	COM	74758T303	8,632	82,981	SH	SOLE	1	82,981	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	322	23,228	SH	SOLE	1	23,228	0	0
QUANTA SERVICES INC	COM	74762E102	1,866	47,568	SH	SOLE	1	47,568	0	0
QUANTERIX CORP	COM	74766Q101	317	11,587	SH	SOLE	1	11,587	0	0
QUANTUM CORP	COM	747906501	69	17,894	SH	SOLE	1	17,894	0	0
QUDIAN INC SPON ADR	ADR	747798106	1	647	SH	SOLE	1	647	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	8,746	76,746	SH	SOLE	1	76,746	0	0
QUIDEL CORP	COM	74838J101	16,092	71,924	SH	SOLE	1	71,924	0	0
QUINSTREET INC	COM	74874Q100	349	33,411	SH	SOLE	1	33,411	0	0
QUOTIENT LTD	COM	G73268107	274	37,005	SH	SOLE	1	37,005	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	385	52,543	SH	SOLE	1	52,543	0	0
QURATE RETAIL INC SERIES A	COM	74915M100	47	4,975	SH	SOLE	1	4,975	0	0
R1 RCM INC	COM	749397105	729	65,366	SH	SOLE	1	65,366	0	0
RADIAN GROUP INC	COM	750236101	3,383	218,149	SH	SOLE	1	218,149	0	0
RADIANT LOGISTICS INC	COM	75025X100	94	23,925	SH	SOLE	1	23,925	0	0
RADIUS HEALTH INC	COM	750469207	379	27,801	SH	SOLE	1	27,801	0	0
RADNET INC	COM	750491102	479	30,164	SH	SOLE	1	30,164	0	0
RAFAEL HOLDINGS INC CLASS B	COM	75062E106	81	5,615	SH	SOLE	1	5,615	0	0
RALPH LAUREN CORP	COM	751212101	12,774	176,141	SH	SOLE	1	176,141	0	0
RAMBUS INC	COM	750917106	1,219	80,208	SH	SOLE	1	80,208	0	0
RANGE RESOURCES CORP	COM	75281A109	852	151,292	SH	SOLE	1	151,292	0	0
RANPAK HOLDINGS CORP	CL A	75321W103	132	17,711	SH	SOLE	1	17,711	0	0
RAPID7 INC	COM	753422104	1,572	30,808	SH	SOLE	1	30,808	0	0
RAPT THERAPEUTICS INC	COM	75382E109	195	6,710	SH	SOLE	1	6,710	0	0
RAVEN INDUSTRIES INC	COM	754212108	543	25,233	SH	SOLE	1	25,233	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	2,861	41,568	SH	SOLE	1	41,568	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	120	42,671	SH	SOLE	1	42,671	0	0
RAYONIER INC	COM	754907103	6,413	258,680	SH	SOLE	1	258,680	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	31,745	515,172	SH	SOLE	1	515,172	0	0
RBB BANCORP	COM	74930B105	139	10,157	SH	SOLE	1	10,157	0	0

RBC BEARINGS INC	COM	75524B104	2,020	15,072	SH	SOLE	1	15,072	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	73	5,265	SH	SOLE	1	5,265	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	913	29,062	SH	SOLE	1	29,062	0	0
READY CAPITAL CORP	COM	75574U101	226	25,994	SH	SOLE	1	25,994	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	601	81,164	SH	SOLE	1	81,164	0	0
REALPAGE INC	COM	75606N109	146	2,245	SH	SOLE	1	2,245	0	0
REALREAL INC/THE	COM	88339P101	488	38,143	SH	SOLE	1	38,143	0	0
REALTY INCOME CORP	COM	756109104	7,126	119,761	SH	SOLE	1	119,761	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	96	613	SH	SOLE	1	613	0	0
RECRO PHARMA INC	COM	75629F109	54	11,851	SH	SOLE	1	11,851	0	0
RED RIVER BANCSHARES INC	COM	75686R202	133	3,020	SH	SOLE	1	3,020	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	93	9,077	SH	SOLE	1	9,077	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	439	40,261	SH	SOLE	1	40,261	0	0
RED VIOLET INC	COM	75704L104	70	3,964	SH	SOLE	1	3,964	0	0
REDFIN CORP	COM	75737F108	2,460	58,688	SH	SOLE	1	58,688	0	0
REDWOOD TRUST INC	COM	758075402	569	81,293	SH	SOLE	1	81,293	0	0
REGAL BELOIT CORP	COM	758750103	6,611	75,706	SH	SOLE	1	75,706	0	0
REGENCY CENTERS CORP	COM	758849103	2,652	57,789	SH	SOLE	1	57,789	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	26,980	43,262	SH	SOLE	1	43,262	0	0
REGENXBIO INC	COM	75901B107	879	23,854	SH	SOLE	1	23,854	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	91	5,157	SH	SOLE	1	5,157	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	3,686	331,503	SH	SOLE	1	331,503	0	0
REGIS CORP	COM	758932107	137	16,714	SH	SOLE	1	16,714	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	9,939	126,714	SH	SOLE	1	126,714	0	0
RELIANCE STEEL & ALUMINUM	COM	759509102	12,637	133,124	SH	SOLE	1	133,124	0	0
RELIANT BANCORP INC	COM	75956B101	153	9,388	SH	SOLE	1	9,388	0	0
RELMADA THERAPEUTICS INC	COM	75955J402	385	8,599	SH	SOLE	1	8,599	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	16,111	94,201	SH	SOLE	1	94,201	0	0
RENASANT CORP	COM	75970E107	829	33,308	SH	SOLE	1	33,308	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	672	27,119	SH	SOLE	1	27,119	0	0
RENT A CENTER INC	COM	76009N100	954	34,280	SH	SOLE	1	34,280	0	0
REPAY HOLDINGS CORP	CL A	76029L100	551	22,383	SH	SOLE	1	22,383	0	0
REPLIGEN CORP	COM	759916109	10,972	88,767	SH	SOLE	1	88,767	0	0
REPLIMUNE GROUP INC	COM	76029N106	262	10,528	SH	SOLE	1	10,528	0	0
REPRO MEDSYSTEMS INC	COM	759910102	134	14,904	SH	SOLE	1	14,904	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	194	5,946	SH	SOLE	1	5,946	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	68	27,800	SH	SOLE	1	27,800	0	0
REPUBLIC SERVICES INC	COM	760759100	6,998	85,291	SH	SOLE	1	85,291	0	0
RESEARCH FRONTIERS INC	COM	760911107	66	16,228	SH	SOLE	1	16,228	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	1,026	87,576	SH	SOLE	1	87,576	0	0
RESMED INC	COM	761152107	11,338	59,051	SH	SOLE	1	59,051	0	0
RESONANT INC	COM	76118L102	71	30,301	SH	SOLE	1	30,301	0	0

RESOURCES CONNECTION INC	COM	76122Q105	258	21,551	SH	SOLE	1	21,551	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	917	80,959	SH	SOLE	1	80,959	0	0
RETAIL PROPERTIES OF AME A	COM	76131V202	1,110	151,675	SH	SOLE	1	151,675	0	0
RETAIL VALUE INC	COM	76133Q102	124	10,036	SH	SOLE	1	10,036	0	0
RETRACTABLE TECHNOLOGIES INC	COM	76129W105	57	8,117	SH	SOLE	1	8,117	0	0
RETROPHIN INC	COM	761299106	518	25,361	SH	SOLE	1	25,361	0	0
REV GROUP INC	COM	749527107	102	16,798	SH	SOLE	1	16,798	0	0
REVANCE THERAPEUTICS INC	COM	761330109	848	34,732	SH	SOLE	1	34,732	0	0
REVLON INC CLASS A	COM	761525609	42	4,207	SH	SOLE	1	4,207	0	0
REVOLUTION MEDICINES INC	COM	76155X100	283	8,963	SH	SOLE	1	8,963	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	275	3,969	SH	SOLE	1	3,969	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	197	4,759	SH	SOLE	1	4,759	0	0
REXNORD CORP	COM	76169B102	1,899	65,137	SH	SOLE	1	65,137	0	0
REYNOLDS CONSUMER PRODUCTS I	COM	76171L106	29	830	SH	SOLE	1	830	0	0
RGC RESOURCES INC	COM	74955L103	113	4,660	SH	SOLE	1	4,660	0	0
RH	COM	74967X103	10,206	41,006	SH	SOLE	1	41,006	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	458	20,559	SH	SOLE	1	20,559	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	164	41,685	SH	SOLE	1	41,685	0	0
RICHMOND MUTUAL BANCORPORATI	COM	76525P100	85	7,519	SH	SOLE	1	7,519	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	190	103,921	SH	SOLE	1	103,921	0	0
RIMINI STREET INC	COM	76674Q107	65	12,558	SH	SOLE	1	12,558	0	0
RING ENERGY INC	COM	76680V108	7	5,726	SH	SOLE	1	5,726	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	596	2,091	SH	SOLE	1	2,091	0	0
RITE AID CORP	COM	767754872	571	33,485	SH	SOLE	1	33,485	0	0
RIVERVIEW BANCORP INC	COM	769397100	75	13,212	SH	SOLE	1	13,212	0	0
RLI CORP	COM	749607107	8,078	98,387	SH	SOLE	1	98,387	0	0
RLJ LODGING TRUST	COM	74965L101	948	100,404	SH	SOLE	1	100,404	0	0
RMR GROUP INC/THE A	COM	74967R106	274	9,300	SH	SOLE	1	9,300	0	0
ROBERT HALF INTL INC	COM	770323103	17,218	325,918	SH	SOLE	1	325,918	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	436	20,833	SH	SOLE	1	20,833	0	0
ROCKWELL AUTOMATION INC	COM	773903109	10,790	50,655	SH	SOLE	1	50,655	0	0
ROCKWELL MEDICAL INC	COM	774374102	82	41,861	SH	SOLE	1	41,861	0	0
ROCKY BRANDS INC	COM	774515100	86	4,200	SH	SOLE	1	4,200	0	0
ROGERS CORP	COM	775133101	1,642	13,182	SH	SOLE	1	13,182	0	0
ROKU INC	COM	77543R102	324	2,783	SH	SOLE	1	2,783	0	0
ROLLINS INC	COM	775711104	2,131	50,278	SH	SOLE	1	50,278	0	0
ROPER TECHNOLOGIES INC	COM	776696106	17,505	45,087	SH	SOLE	1	45,087	0	0
ROSETTA STONE INC	COM	777780107	241	14,316	SH	SOLE	1	14,316	0	0
ROSS STORES INC	COM	778296103	12,963	152,075	SH	SOLE	1	152,075	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	2,942	58,499	SH	SOLE	1	58,499	0	0
ROYAL GOLD INC	COM	780287108	15,316	123,201	SH	SOLE	1	123,201	0	0
RPC INC	COM	749660106	123	40,091	SH	SOLE	1	40,091	0	0

RPM INTERNATIONAL INC	COM	749685103	18,273	243,444	SH	SOLE	1	243,444	0	0
RPT REALTY	COM	74971D101	397	57,065	SH	SOLE	1	57,065	0	0
RR DONNELLEY & SONS CO	COM	257867200	8	6,825	SH	SOLE	1	6,825	0	0
RTI SURGICAL HDS INC	COM	74975N105	110	34,727	SH	SOLE	1	34,727	0	0
RUBICON PROJECT INC/THE	COM	78112V102	420	63,033	SH	SOLE	1	63,033	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	131	21,919	SH	SOLE	1	21,919	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	97	2,708	SH	SOLE	1	2,708	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	681	16,417	SH	SOLE	1	16,417	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	157	19,235	SH	SOLE	1	19,235	0	0
RYDER SYSTEM INC	COM	783549108	3,765	100,382	SH	SOLE	1	100,382	0	0
RYERSON HOLDING CORP	COM	783754104	55	9,791	SH	SOLE	1	9,791	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	1,068	30,865	SH	SOLE	1	30,865	0	0
S & T BANCORP INC	COM	783859101	640	27,275	SH	SOLE	1	27,275	0	0
S&P GLOBAL INC	COM	78409V104	33,365	101,265	SH	SOLE	1	101,265	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	7,317	507,035	SH	SOLE	1	507,035	0	0
SABRE CORP	COM	78573M104	4,149	514,787	SH	SOLE	1	514,787	0	0
SAFE BULKERS INC	COM	Y7388L103	39	31,734	SH	SOLE	1	31,734	0	0
SAFEGUARD SCIENTIFICS INC	COM	786449207	84	11,954	SH	SOLE	1	11,954	0	0
SAFEHOLD INC	COM	78645L100	681	11,846	SH	SOLE	1	11,846	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	791	10,376	SH	SOLE	1	10,376	0	0
SAGA COMMUNICATIONS INC CL A	CL A	786598300	59	2,319	SH	SOLE	1	2,319	0	0
SAGE THERAPEUTICS INC	COM	78667J108	30	723	SH	SOLE	1	723	0	0
SAIA INC	COM	78709Y105	2,065	18,570	SH	SOLE	1	18,570	0	0
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	1,425	53,843	SH	SOLE	1	53,843	0	0
SALESFORCE.COM INC	COM	79466L302	61,906	330,463	SH	SOLE	1	330,463	0	0
SALISBURY BANCORP INC	COM	795226109	64	1,551	SH	SOLE	1	1,551	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	3,488	278,408	SH	SOLE	1	278,408	0	0
SANDERSON FARMS INC	COM	800013104	5,685	49,051	SH	SOLE	1	49,051	0	0
SANDY SPRING BANCORP INC	COM	800363103	698	28,174	SH	SOLE	1	28,174	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	631	70,421	SH	SOLE	1	70,421	0	0
SANMINA CORP	COM	801056102	1,192	47,614	SH	SOLE	1	47,614	0	0
SANTANDER CONSUMER USA HOLDI	COM	80283M101	18	986	SH	SOLE	1	986	0	0
SAPIENS INTERNATIONAL CORP	V SHS	G7T16G103	438	15,671	SH	SOLE	1	15,671	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	326	2,036	SH	SOLE	1	2,036	0	0
SATSUMA PHARMACEUTICALS INC	COM	80405P107	162	5,622	SH	SOLE	1	5,622	0	0
SAUL CENTERS INC	COM	804395101	272	8,431	SH	SOLE	1	8,431	0	0
SAVARA INC	COM	805111101	71	28,390	SH	SOLE	1	28,390	0	0
SB FINANCIAL GROUP INC	COM	78408D105	72	4,343	SH	SOLE	1	4,343	0	0
SB ONE BANCORP	COM	78413T103	98	4,951	SH	SOLE	1	4,951	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	11,955	40,127	SH	SOLE	1	40,127	0	0

SCANSOURCE INC	COM	806037107	431	17,896	SH	SOLE	1	17,896	0	0
SCHLUMBERGER LTD	COM	806857108	11,048	600,743	SH	SOLE	1	600,743	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	19	770	SH	SOLE	1	770	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	278	15,783	SH	SOLE	1	15,783	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	253	13,891	SH	SOLE	1	13,891	0	0
SCHOLASTIC CORP	COM	807066105	619	20,670	SH	SOLE	1	20,670	0	0
SCHRODINGER INC	COM	80810D103	773	8,443	SH	SOLE	1	8,443	0	0
SCHWAB (CHARLES) CORP	COM	808513105	14,932	442,563	SH	SOLE	1	442,563	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	734	21,977	SH	SOLE	1	21,977	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	7,187	92,519	SH	SOLE	1	92,519	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	2,112	136,605	SH	SOLE	1	136,605	0	0
SCORPIO BULKERS INC	COM	Y7546A130	51	3,310	SH	SOLE	1	3,310	0	0
SCORPIO TANKERS INC	COM	Y7542C130	401	31,295	SH	SOLE	1	31,295	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	9,975	74,182	SH	SOLE	1	74,182	0	0
SCPHARMACEUTICALS INC	COM	810648105	24	3,287	SH	SOLE	1	3,287	0	0
SCULPTOR CAPITAL MANAGEMENT	COM	811246107	144	11,130	SH	SOLE	1	11,130	0	0
SEABOARD CORP	COM	811543107	9	3	SH	SOLE	1	3	0	0
SEACHANGE INTERNATIONAL INC	COM	811699107	28	18,434	SH	SOLE	1	18,434	0	0
SEACOAST BANKING CORP/FL	COM	811707801	747	36,626	SH	SOLE	1	36,626	0	0
SEACOR HOLDINGS INC	COM	811904101	380	13,431	SH	SOLE	1	13,431	0	0
SEAGATE TECHNOLOGY	COM	G7945M107	7,270	150,169	SH	SOLE	1	150,169	0	0
SEALED AIR CORP	COM	81211K100	1,742	53,040	SH	SOLE	1	53,040	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	168	16,019	SH	SOLE	1	16,019	0	0
SEATTLE GENETICS INC	COM	812578102	2,325	13,681	SH	SOLE	1	13,681	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	460	31,084	SH	SOLE	1	31,084	0	0
SECUREWORKS CORP A	COM	81374A105	62	5,458	SH	SOLE	1	5,458	0	0
SECURITY NATL FINL CORP CL A	CL A	814785309	38	5,686	SH	SOLE	1	5,686	0	0
SEI INVESTMENTS COMPANY	COM	784117103	12,758	232,055	SH	SOLE	1	232,055	0	0
SELECT BANCORP INC	COM	81617L108	79	9,701	SH	SOLE	1	9,701	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	177	36,040	SH	SOLE	1	36,040	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,130	76,713	SH	SOLE	1	76,713	0	0
SELECTA BIOSCIENCES INC	COM	816212104	118	41,473	SH	SOLE	1	41,473	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	7,750	146,941	SH	SOLE	1	146,941	0	0
SEMPRA ENERGY	COM	816851109	11,308	96,459	SH	SOLE	1	96,459	0	0
SEMTECH CORP	COM	816850101	8,375	160,372	SH	SOLE	1	160,372	0	0
SENECA FOODS CORP CL A	CL A	817070501	156	4,625	SH	SOLE	1	4,625	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	75	2,016	SH	SOLE	1	2,016	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	5,453	104,536	SH	SOLE	1	104,536	0	0
SERES THERAPEUTICS INC	COM	81750R102	128	26,874	SH	SOLE	1	26,874	0	0
SERITAGE GROWTH PROP A REIT	COM	81752R100	237	20,821	SH	SOLE	1	20,821	0	0

SERVICE CORP INTERNATIONAL	COM	817565104	12,942	332,788	SH	SOLE	1	332,788	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	2,876	405,614	SH	SOLE	1	405,614	0	0
SERVICEMASTER GLOBAL HOLDING	COM	81761R109	62	1,728	SH	SOLE	1	1,728	0	0
SERVICENOW INC	COM	81762P102	27,785	68,595	SH	SOLE	1	68,595	0	0
SERVICESOURCE INTERNATIONAL	COM	81763U100	84	53,136	SH	SOLE	1	53,136	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,224	34,224	SH	SOLE	1	34,224	0	0
SFL CORP LTD	SHS	G7738W106	530	57,044	SH	SOLE	1	57,044	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,315	24,822	SH	SOLE	1	24,822	0	0
SHARPS COMPLIANCE CORP	COM	820017101	61	8,731	SH	SOLE	1	8,731	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	1,674	33,958	SH	SOLE	1	33,958	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	17,215	29,791	SH	SOLE	1	29,791	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	772	16,301	SH	SOLE	1	16,301	0	0
SHOE CARNIVAL INC	COM	824889109	191	6,536	SH	SOLE	1	6,536	0	0
SHORE BANCSHARES INC	COM	825107105	84	7,588	SH	SOLE	1	7,588	0	0
SHOTSPOTTER INC	COM	82536T107	124	4,921	SH	SOLE	1	4,921	0	0
SHUTTERSTOCK INC	COM	825690100	480	13,738	SH	SOLE	1	13,738	0	0
SHYFT GROUP INC/THE	COM	825698103	351	20,854	SH	SOLE	1	20,854	0	0
SI BONE INC	COM	825704109	247	15,518	SH	SOLE	1	15,518	0	0
SIEBERT FINANCIAL CORP	COM	826176109	31	6,217	SH	SOLE	1	6,217	0	0
SIENTRA INC	COM	82621J105	110	28,383	SH	SOLE	1	28,383	0	0
SIERRA BANCORP	COM	82620P102	161	8,542	SH	SOLE	1	8,542	0	0
SIGA TECHNOLOGIES INC	COM	826917106	195	33,073	SH	SOLE	1	33,073	0	0
SIGNATURE BANK	COM	82669G104	10,699	100,068	SH	SOLE	1	100,068	0	0
SIGNET JEWELERS LTD	COM	G81276100	379	36,915	SH	SOLE	1	36,915	0	0
SILGAN HOLDINGS INC	COM	827048109	4,697	145,020	SH	SOLE	1	145,020	0	0
SILICON LABORATORIES INC	COM	826919102	10,786	107,567	SH	SOLE	1	107,567	0	0
SILK ROAD MEDICAL INC	COM	82710M100	814	19,433	SH	SOLE	1	19,433	0	0
SILVERCREST ASSET MANAGEME A	COM	828359109	74	5,837	SH	SOLE	1	5,837	0	0
SILVERGATE CAPITAL CORP CL A	CL A	82837P408	132	9,428	SH	SOLE	1	9,428	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,311	76,633	SH	SOLE	1	76,633	0	0
SIMON PROPERTY GROUP INC	COM	828806109	8,265	120,872	SH	SOLE	1	120,872	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	968	52,102	SH	SOLE	1	52,102	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	2,568	30,438	SH	SOLE	1	30,438	0	0
SIMULATIONS PLUS INC	COM	829214105	531	8,874	SH	SOLE	1	8,874	0	0
SINA CORP	COM	G81477104	22	604	SH	SOLE	1	604	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	587	31,782	SH	SOLE	1	31,782	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,687	287,438	SH	SOLE	1	287,438	0	0
SITE CENTERS CORP	COM	82981J109	874	107,912	SH	SOLE	1	107,912	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	2,913	25,555	SH	SOLE	1	25,555	0	0
SITIME CORP	COM	82982T106	146	3,084	SH	SOLE	1	3,084	0	0
SIX FLAGS	COM	83001A102	2,826	147,120	SH	SOLE	1	147,120	0	0

ENTERTAINMENT CORP										
SJW GROUP	COM	784305104	1,002	16,139	SH	SOLE	1	16,139	0	0
SKECHERS USA INC CL A	CL A	830566105	7,983	254,395	SH	SOLE	1	254,395	0	0
SKYLINE CHAMPION CORP	COM	830830105	811	33,305	SH	SOLE	1	33,305	0	0
SKYWEST INC	COM	830879102	1,140	34,955	SH	SOLE	1	34,955	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	8,601	67,268	SH	SOLE	1	67,268	0	0
SL GREEN REALTY CORP	COM	78440X101	1,286	26,091	SH	SOLE	1	26,091	0	0
SLACK TECHNOLOGIES INC CL A	CL A	83088V102	319	10,258	SH	SOLE	1	10,258	0	0
SLEEP NUMBER CORP	COM	83125X103	800	19,206	SH	SOLE	1	19,206	0	0
SLM CORP	COM	78442P106	4,935	702,049	SH	SOLE	1	702,049	0	0
SM ENERGY CO	COM	78454L100	297	79,072	SH	SOLE	1	79,072	0	0
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	271	9,961	SH	SOLE	1	9,961	0	0
SMARTFINANCIAL INC	COM	83190L208	139	8,567	SH	SOLE	1	8,567	0	0
SMARTSHEET INC CLASS A	COM	83200N103	154	3,021	SH	SOLE	1	3,021	0	0
SMITH (A.O.) CORP	COM	831865209	2,168	46,004	SH	SOLE	1	46,004	0	0
SMITH & WESSON BRANDS INC	COM	831754106	718	33,372	SH	SOLE	1	33,372	0	0
SMITH MICRO SOFTWARE INC	COM	832154207	91	20,449	SH	SOLE	1	20,449	0	0
SNAP ON INC	COM	833034101	16,625	120,024	SH	SOLE	1	120,024	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	12,965	93,418	SH	SOLE	1	93,418	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	131	17,617	SH	SOLE	1	17,617	0	0
SOLARWINDS CORP	COM	83417Q105	11	608	SH	SOLE	1	608	0	0
SOLENO THERAPEUTICS INC	COM	834203200	45	20,453	SH	SOLE	1	20,453	0	0
SOLID BIOSCIENCES INC	COM	83422E105	44	15,116	SH	SOLE	1	15,116	0	0
SOLITON INC	COM	834251100	26	3,398	SH	SOLE	1	3,398	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	539	16,902	SH	SOLE	1	16,902	0	0
SONOCO PRODUCTS CO	COM	835495102	9,802	187,452	SH	SOLE	1	187,452	0	0
SONOS INC	COM	83570H108	711	48,565	SH	SOLE	1	48,565	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	674	107,247	SH	SOLE	1	107,247	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	1,638	65,558	SH	SOLE	1	65,558	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	92	6,478	SH	SOLE	1	6,478	0	0
SOUTH STATE CORP	COM	840441109	2,040	42,802	SH	SOLE	1	42,802	0	0
SOUTHERN CO/THE	COM	842587107	17,942	346,032	SH	SOLE	1	346,032	0	0
SOUTHERN COPPER CORP	COM	84265V105	33	832	SH	SOLE	1	832	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	123	4,437	SH	SOLE	1	4,437	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	114	4,703	SH	SOLE	1	4,703	0	0
SOUTHERN NATL BANCORP OF VA	COM	843395104	117	12,117	SH	SOLE	1	12,117	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	619	22,313	SH	SOLE	1	22,313	0	0
SOUTHWEST AIRLINES CO	COM	844741108	8,348	244,241	SH	SOLE	1	244,241	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	9,394	136,048	SH	SOLE	1	136,048	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	984	384,286	SH	SOLE	1	384,286	0	0
SP PLUS CORP	COM	78469C103	292	14,076	SH	SOLE	1	14,076	0	0
SPARK ENERGY INC	COM	846511103	51	7,244	SH	SOLE	1	7,244	0	0

CLASS A										
SPARTANNASH CO	COM	847215100	534	25,131	SH	SOLE	1	25,131	0	0
SPDR PORTFOLIO S&P 500 GROWTH	PRTFLO S&P500 GW	78464A409	16,072	357,790	SH	SOLE	1	357,790	0	0
SPDR PTF S&P 1500 CSM	ETF	78464A805	274	7,260	SH	SOLE		7,260	0	0
SPDR S&P 500 ETF TRUST	TR UNIT	78462F103	55,998	181,600	SH	SOLE	1	181,600	0	0
SPDR S&P MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	4,705	14,500	SH	SOLE	1	14,500	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	25	554	SH	SOLE	1	554	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	275	81,489	SH	SOLE	1	81,489	0	0
SPERO THERAPEUTICS INC	COM	84833T103	119	8,802	SH	SOLE	1	8,802	0	0
SPIRE INC	COM	84857L101	8,264	125,766	SH	SOLE	1	125,766	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	33	1,370	SH	SOLE	1	1,370	0	0
SPIRIT AIRLINES INC	COM	848577102	941	52,891	SH	SOLE	1	52,891	0	0
SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	102	8,283	SH	SOLE	1	8,283	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	6,705	192,330	SH	SOLE	1	192,330	0	0
SPLUNK INC	COM	848637104	2,752	13,850	SH	SOLE	1	13,850	0	0
SPOK HOLDINGS INC	COM	84863T106	117	12,514	SH	SOLE	1	12,514	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	373	26,163	SH	SOLE	1	26,163	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	925	3,583	SH	SOLE	1	3,583	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	544	12,958	SH	SOLE	1	12,958	0	0
SPROUT SOCIAL INC CLASS A	CL A	85209W109	131	4,862	SH	SOLE	1	4,862	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	5,668	221,493	SH	SOLE	1	221,493	0	0
SPS COMMERCE INC	COM	78463M107	1,865	24,831	SH	SOLE	1	24,831	0	0
SPX CORP	COM	784635104	1,258	30,560	SH	SOLE	1	30,560	0	0
SPX FLOW INC	COM	78469X107	1,127	30,110	SH	SOLE	1	30,110	0	0
SS&C TECHNOLOGIES HOLDINGS	COM	78467J100	204	3,608	SH	SOLE	1	3,608	0	0
ST JOE CO/THE	COM	790148100	448	23,088	SH	SOLE	1	23,088	0	0
STAAR SURGICAL CO	COM	852312305	1,698	27,589	SH	SOLE	1	27,589	0	0
STAG INDUSTRIAL INC	COM	85254J102	2,829	96,494	SH	SOLE	1	96,494	0	0
STAMPS.COM INC	COM	852857200	2,142	11,662	SH	SOLE	1	11,662	0	0
STANDARD AVB FINANCIAL CORP	COM	85303B100	55	2,361	SH	SOLE	1	2,361	0	0
STANDARD MOTOR PRODS	COM	853666105	611	14,820	SH	SOLE	1	14,820	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	501	8,707	SH	SOLE	1	8,707	0	0
STANLEY BLACK & DECKER INC	COM	854502101	8,177	58,666	SH	SOLE	1	58,666	0	0
STARBUCKS CORP	COM	855244109	38,295	520,378	SH	SOLE	1	520,378	0	0
STARTEK INC	COM	85569C107	52	10,209	SH	SOLE	1	10,209	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	53	3,571	SH	SOLE	1	3,571	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	192	10,737	SH	SOLE	1	10,737	0	0
STATE STREET CORP	COM	857477103	9,248	145,529	SH	SOLE	1	145,529	0	0
STEEL DYNAMICS INC	COM	858119100	21,529	825,190	SH	SOLE	1	825,190	0	0
STEELCASE INC CL A	CL A	858155203	636	52,768	SH	SOLE	1	52,768	0	0
STEPAN CO	COM	858586100	1,465	15,091	SH	SOLE	1	15,091	0	0
STEREOTAXIS INC	COM	85916J409	121	27,034	SH	SOLE	1	27,034	0	0
STERICYCLE INC	COM	858912108	9,561	170,802	SH	SOLE	1	170,802	0	0

STERIS PLC	COM	G8473T100	5,145	33,529	SH	SOLE	1	33,529	0	0
STERLING BANCORP INC/MI	COM	85917W102	36	10,008	SH	SOLE	1	10,008	0	0
STERLING BANCORP/DE	COM	85917A100	4,258	363,302	SH	SOLE	1	363,302	0	0
STERLING CONSTRUCTION CO	COM	859241101	177	16,910	SH	SOLE	1	16,910	0	0
STEVEN MADDEN LTD	COM	556269108	1,425	57,719	SH	SOLE	1	57,719	0	0
STEWART INFORMATION SERVICES	COM	860372101	538	16,544	SH	SOLE	1	16,544	0	0
STIFEL FINANCIAL CORP	COM	860630102	7,962	167,871	SH	SOLE	1	167,871	0	0
STITCH FIX INC CLASS A	COM	860897107	858	34,385	SH	SOLE	1	34,385	0	0
STOCK YARDS BANCORP INC	COM	861025104	503	12,500	SH	SOLE	1	12,500	0	0
STOKE THERAPEUTICS INC	COM	86150R107	178	7,471	SH	SOLE	1	7,471	0	0
STONECO LTD A	CL A	G85158106	165	4,245	SH	SOLE	1	4,245	0	0
STONERIDGE INC	COM	86183P102	328	15,898	SH	SOLE	1	15,898	0	0
STORE CAPITAL CORP	COM	862121100	9,993	419,713	SH	SOLE	1	419,713	0	0
STRATEGIC EDUCATION INC	COM	86272C103	8,397	54,651	SH	SOLE	1	54,651	0	0
STRATUS PROPERTIES INC	COM	863167201	71	3,598	SH	SOLE	1	3,598	0	0
STRONGBRIDGE BIOPHARMA PLC	COM	G85347105	82	21,721	SH	SOLE	1	21,721	0	0
STRYKER CORP	COM	863667101	22,444	124,556	SH	SOLE	1	124,556	0	0
STURM RUGER & CO INC	COM	864159108	905	11,903	SH	SOLE	1	11,903	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	114	6,905	SH	SOLE	1	6,905	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	435	73,350	SH	SOLE	1	73,350	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	1,159	72,048	SH	SOLE	1	72,048	0	0
SUN COMMUNITIES INC	COM	866674104	302	2,226	SH	SOLE	1	2,226	0	0
SUNCOKE ENERGY INC	COM	86722A103	174	58,704	SH	SOLE	1	58,704	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	338	19,799	SH	SOLE	1	19,799	0	0
SUNPOWER CORP	COM	867652406	358	46,793	SH	SOLE	1	46,793	0	0
SUNRUN INC	COM	86771W105	1,551	78,675	SH	SOLE	1	78,675	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,156	141,884	SH	SOLE	1	141,884	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	772	27,191	SH	SOLE	1	27,191	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	88	6,572	SH	SOLE	1	6,572	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	828	34,863	SH	SOLE	1	34,863	0	0
SURGERY PARTNERS INC	COM	86881A100	159	13,778	SH	SOLE	1	13,778	0	0
SURMODICS INC	COM	868873100	406	9,398	SH	SOLE	1	9,398	0	0
SUTRO BIOPHARMA INC	COM	869367102	80	10,260	SH	SOLE	1	10,260	0	0
SVB FINANCIAL GROUP	COM	78486Q101	5,621	26,079	SH	SOLE	1	26,079	0	0
SVMK INC	COM	78489X103	1,717	72,928	SH	SOLE	1	72,928	0	0
SWITCH INC A	COM	87105L104	43	2,415	SH	SOLE	1	2,415	0	0
SWK HOLDINGS CORP	COM	78501P203	26	2,170	SH	SOLE	1	2,170	0	0
SYKES ENTERPRISES INC	COM	871237103	761	27,515	SH	SOLE	1	27,515	0	0
SYNAPTICS INC	COM	87157D109	5,048	83,960	SH	SOLE	1	83,960	0	0
SYNCHRONOSS TECHNOLOGIES INC	COM	87157B103	86	24,419	SH	SOLE	1	24,419	0	0
SYNCHRONY FINANCIAL	COM	87165B103	4,123	186,035	SH	SOLE	1	186,035	0	0

SYNDAX PHARMACEUTICALS INC	COM	87164F105	244	16,474	SH	SOLE	1	16,474	0	0
SYNEOS HEALTH INC	COM	87166B102	6,808	116,874	SH	SOLE	1	116,874	0	0
SYNNEX CORP	COM	87162W100	9,885	82,535	SH	SOLE	1	82,535	0	0
SYNOPSIS INC	COM	871607107	12,732	65,290	SH	SOLE	1	65,290	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	5,649	275,174	SH	SOLE	1	275,174	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	271	25,390	SH	SOLE	1	25,390	0	0
SYSCO CORP	COM	871829107	9,149	167,382	SH	SOLE	1	167,382	0	0
SYSTEMAX INC	COM	871851101	156	7,588	SH	SOLE	1	7,588	0	0
T MOBILE US INC	COM	872590104	27,146	260,640	SH	SOLE	1	260,640	0	0
T MOBILE US INC	COM	872590112	34	199,439	SH	SOLE	1	199,439	0	0
T ROWE PRICE GROUP INC	COM	74144T108	18,298	148,159	SH	SOLE	1	148,159	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	793	14,484	SH	SOLE	1	14,484	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	542	13,073	SH	SOLE	1	13,073	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	6,917	49,557	SH	SOLE	1	49,557	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	340	4,979	SH	SOLE	1	4,979	0	0
TALOS ENERGY INC	COM	87484T108	80	8,686	SH	SOLE	1	8,686	0	0
TANDEM DIABETES CARE INC	COM	875372203	149	1,508	SH	SOLE	1	1,508	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	459	64,338	SH	SOLE	1	64,338	0	0
TAPESTRY INC	COM	876030107	1,250	94,089	SH	SOLE	1	94,089	0	0
TARGA RESOURCES CORP	COM	87612G101	60	3,010	SH	SOLE	1	3,010	0	0
TARGET CORP	COM	87612E106	22,453	187,216	SH	SOLE	1	187,216	0	0
TARGET HOSPITALITY CORP	COM	87615L107	31	18,124	SH	SOLE	1	18,124	0	0
TATA MOTORS LTD SPON ADR	ADR	876568502	5	824	SH	SOLE	1	824	0	0
TAUBMAN CENTERS INC	COM	876664103	4,346	115,087	SH	SOLE	1	115,087	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	6,128	317,659	SH	SOLE	1	317,659	0	0
TCF FINANCIAL CORP	COM	872307103	8,361	284,182	SH	SOLE	1	284,182	0	0
TCR2 THERAPEUTICS INC	COM	87808K106	153	9,962	SH	SOLE	1	9,962	0	0
TD AMERITRADE HOLDING CORP	COM	87236Y108	753	20,692	SH	SOLE	1	20,692	0	0
TE CONNECTIVITY LTD	COM	H84989104	9,421	115,527	SH	SOLE	1	115,527	0	0
TEAM INC	COM	878155100	119	21,281	SH	SOLE	1	21,281	0	0
TECH DATA CORP	COM	878237106	9,593	66,160	SH	SOLE	1	66,160	0	0
TECHNIPFMC PLC	COM	G87110105	1,032	150,812	SH	SOLE	1	150,812	0	0
TECHTARGET	COM	87874R100	494	16,453	SH	SOLE	1	16,453	0	0
TEGNA INC	COM	87901J105	6,011	539,614	SH	SOLE	1	539,614	0	0
TEJON RANCH CO	COM	879080109	184	12,804	SH	SOLE	1	12,804	0	0
TELA BIO INC	COM	872381108	43	3,321	SH	SOLE	1	3,321	0	0
TELADOC HEALTH INC	COM	87918A105	366	1,919	SH	SOLE	1	1,919	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	3,935	12,655	SH	SOLE	1	12,655	0	0
TELEFLEX INC	COM	879369106	7,035	19,329	SH	SOLE	1	19,329	0	0
TELENAV INC	COM	879455103	111	20,239	SH	SOLE	1	20,239	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	3,627	182,428	SH	SOLE	1	182,428	0	0
TELLURIAN INC	COM	87968A104	103	89,235	SH	SOLE	1	89,235	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	5,859	81,438	SH	SOLE	1	81,438	0	0

TENABLE HOLDINGS INC	COM	88025T102	1,110	37,238	SH	SOLE	1	37,238	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	11	792	SH	SOLE	1	792	0	0
TENET HEALTHCARE CORP	COM	88033G407	4,676	258,190	SH	SOLE	1	258,190	0	0
TENNANT CO	COM	880345103	841	12,944	SH	SOLE	1	12,944	0	0
TENNECO INC CLASS A	COM	880349105	236	31,210	SH	SOLE	1	31,210	0	0
TERADATA CORP	COM	88076W103	4,242	203,941	SH	SOLE	1	203,941	0	0
TERADYNE INC	COM	880770102	26,374	312,078	SH	SOLE	1	312,078	0	0
TEREX CORP	COM	880779103	2,993	159,465	SH	SOLE	1	159,465	0	0
TERRAFORM POWER INC A	COM	88104R209	989	53,641	SH	SOLE	1	53,641	0	0
TERRENO REALTY CORP	COM	88146M101	2,291	43,519	SH	SOLE	1	43,519	0	0
TERRITORIAL BANCORP INC	COM	88145X108	114	4,796	SH	SOLE	1	4,796	0	0
TESLA INC	COM	88160R101	11,971	11,086	SH	SOLE	1	11,086	0	0
TETRA TECH INC	COM	88162G103	10,539	133,203	SH	SOLE	1	133,203	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,846	149,712	SH	SOLE	1	149,712	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	3,843	124,497	SH	SOLE	1	124,497	0	0
TEXAS INSTRUMENTS INC	COM	882508104	66,150	520,990	SH	SOLE	1	520,990	0	0
TEXAS ROADHOUSE INC	COM	882681109	8,467	161,059	SH	SOLE	1	161,059	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	266	32,524	SH	SOLE	1	32,524	0	0
TEXTRON INC	COM	883203101	2,553	77,574	SH	SOLE	1	77,574	0	0
TFS FINANCIAL CORP	COM	87240R107	9	638	SH	SOLE	1	638	0	0
TG THERAPEUTICS INC	COM	88322Q108	1,151	59,071	SH	SOLE	1	59,071	0	0
THE BANK OF PRINCETON	COM	064520109	70	3,481	SH	SOLE	1	3,481	0	0
THERAPEUTICSMD INC	COM	88338N107	181	144,472	SH	SOLE	1	144,472	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	590	28,131	SH	SOLE	1	28,131	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	55,746	153,850	SH	SOLE	1	153,850	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	292	20,026	SH	SOLE	1	20,026	0	0
THIRD POINT REINSURANCE LTD	COM	G8827U100	428	56,989	SH	SOLE	1	56,989	0	0
THOR INDUSTRIES INC	COM	885160101	10,987	103,132	SH	SOLE	1	103,132	0	0
TIDEWATER INC	COM	88642R109	138	24,714	SH	SOLE	1	24,714	0	0
TIDEWATER INC	COM	88642R109	13,087	2,341,223	SH	SOLE	2	2,341,223	0	0
TIFFANY & CO	COM	886547108	5,135	42,107	SH	SOLE	1	42,107	0	0
TILLY S INC CLASS A SHRS	COM	886885102	77	13,569	SH	SOLE	1	13,569	0	0
TIMBERLAND BANCORP INC	COM	887098101	83	4,553	SH	SOLE	1	4,553	0	0
TIMKEN CO	COM	887389104	5,740	126,171	SH	SOLE	1	126,171	0	0
TIMKENSTEEL CORP	COM	887399103	122	31,331	SH	SOLE	1	31,331	0	0
TIPTREE INC	COM	88822Q103	98	15,244	SH	SOLE	1	15,244	0	0
TITAN INTERNATIONAL INC	COM	88830M102	7	4,815	SH	SOLE	1	4,815	0	0
TITAN MACHINERY INC	COM	88830R101	126	11,646	SH	SOLE	1	11,646	0	0
TIVITY HEALTH INC	COM	88870R102	348	30,680	SH	SOLE	1	30,680	0	0
TJX COMPANIES INC	COM	872540109	23,263	460,109	SH	SOLE	1	460,109	0	0
TOLL BROTHERS INC	COM	889478103	7,038	215,948	SH	SOLE	1	215,948	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	643	9,934	SH	SOLE	1	9,934	0	0
TOOTSIE ROLL INDS	COM	890516107	1,424	41,562	SH	SOLE	1	41,562	0	0
TOPBUILD CORP	COM	89055F103	9,337	82,072	SH	SOLE	1	82,072	0	0
TORO CO	COM	891092108	13,375	201,614	SH	SOLE	1	201,614	0	0

TOWNE BANK	COM	89214P109	771	40,945	SH	SOLE	1	40,945	0	0
TPG PACE HOLDINGS CORP CL A	CL A1	00436Q106	249	25,818	SH	SOLE	1	25,818	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	316	36,700	SH	SOLE	1	36,700	0	0
TPI COMPOSITES INC	COM	87266J104	433	18,547	SH	SOLE	1	18,547	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	5,444	41,311	SH	SOLE	1	41,311	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	450	1,108	SH	SOLE	1	1,108	0	0
TRADEWEB MARKETS INC CLASS A	CL A	892672106	120	2,070	SH	SOLE	1	2,070	0	0
TRANE TECHNOLOGIES PLC	PLC SHS	G8994E103	9,900	111,266	SH	SOLE	1	111,266	0	0
TRANSCAT INC	COM	893529107	110	4,252	SH	SOLE	1	4,252	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	25	828	SH	SOLE	1	828	0	0
TRANSDIGM GROUP INC	COM	893641100	7,761	17,556	SH	SOLE	1	17,556	0	0
TRANSLATE BIO INC	COM	89374L104	555	30,950	SH	SOLE	1	30,950	0	0
TRANSMEDICS GROUP INC	COM	89377M109	217	12,096	SH	SOLE	1	12,096	0	0
TRANSOCEAN LTD	COM	H8817H100	2,616	1,429,478	SH	SOLE	1	1,429,478	0	0
TRANSUNION	COM	89400J107	431	4,956	SH	SOLE	1	4,956	0	0
TRAVELERS COS INC/THE	COM	89417E109	13,684	119,985	SH	SOLE	1	119,985	0	0
TRECORA RESOURCES	COM	894648104	93	14,776	SH	SOLE	1	14,776	0	0
TREDEGAR CORP	COM	894650100	283	18,368	SH	SOLE	1	18,368	0	0
TREEHOUSE FOODS INC	COM	89469A104	4,618	105,437	SH	SOLE	1	105,437	0	0
TREX COMPANY INC	COM	89531P105	14,167	108,917	SH	SOLE	1	108,917	0	0
TRI POINTE GROUP INC	COM	87265H109	4,714	320,894	SH	SOLE	1	320,894	0	0
TRIBUNE PUBLISHING CO	COM	89609W107	95	9,547	SH	SOLE	1	9,547	0	0
TRICIDA INC	COM	89610F101	475	17,292	SH	SOLE	1	17,292	0	0
TRICO BANCSHARES	COM	896095106	492	16,169	SH	SOLE	1	16,169	0	0
TRIMAS CORP	COM	896215209	634	26,466	SH	SOLE	1	26,466	0	0
TRIMBLE INC	COM	896239100	20,154	466,647	SH	SOLE	1	466,647	0	0
TRINET GROUP INC	COM	896288107	1,535	25,191	SH	SOLE	1	25,191	0	0
TRINITY INDUSTRIES INC	COM	896522109	3,749	176,082	SH	SOLE	1	176,082	0	0
TRINSEO SA	COM	L9340P101	600	27,065	SH	SOLE	1	27,065	0	0
TRIP.COM GROUP LTD ADR	ADS	89677Q107	965	37,224	SH	SOLE	1	37,224	0	0
TRIPADVISOR INC	COM	896945201	3,579	188,246	SH	SOLE	1	188,246	0	0
TRIPLE S MANAGEMENT CORP B	COM	896749108	268	14,083	SH	SOLE	1	14,083	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	265	16,866	SH	SOLE	1	16,866	0	0
TRITON INTERNATIONAL LTD/BER	COM	G9078F107	944	31,228	SH	SOLE	1	31,228	0	0
TRIUMPH BANCORP INC	COM	89679E300	378	15,575	SH	SOLE	1	15,575	0	0
TRIUMPH GROUP INC	COM	896818101	329	36,464	SH	SOLE	1	36,464	0	0
TRONOX HOLDINGS PLC A	COM	G9087Q102	395	54,738	SH	SOLE	1	54,738	0	0
TRUEBLUE INC	COM	89785X101	387	25,340	SH	SOLE	1	25,340	0	0
TRUECAR INC	COM	89785L107	167	64,801	SH	SOLE	1	64,801	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	20,486	545,576	SH	SOLE	1	545,576	0	0
TRUPANION INC	COM	898202106	776	18,179	SH	SOLE	1	18,179	0	0
TRUSTCO BANK CORP NY	COM	898349105	425	67,162	SH	SOLE	1	67,162	0	0
TRUSTMARK CORP	COM	898402102	3,830	156,199	SH	SOLE	1	156,199	0	0
TTEC HOLDINGS INC	COM	89854H102	596	12,790	SH	SOLE	1	12,790	0	0
TTM TECHNOLOGIES	COM	87305R109	837	70,579	SH	SOLE	1	70,579	0	0

TUCOWS INC CLASS A	COM	898697206	328	5,725	SH	SOLE	1	5,725	0	0
TUPPERWARE BRANDS CORP	COM	899896104	165	34,693	SH	SOLE	1	34,693	0	0
TURNING POINT BRANDS INC	COM	90041L105	131	5,258	SH	SOLE	1	5,258	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	1,100	17,029	SH	SOLE	1	17,029	0	0
TURTLE BEACH CORP	COM	900450206	121	8,236	SH	SOLE	1	8,236	0	0
TUTOR PERINI CORP	COM	901109108	304	24,945	SH	SOLE	1	24,945	0	0
TWILIO INC A	COM	90138F102	704	3,207	SH	SOLE	1	3,207	0	0
TWIN RIVER WORLDWIDE HOLDING	COM	90171V204	248	11,139	SH	SOLE	1	11,139	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	828	18,270	SH	SOLE	1	18,270	0	0
TWITTER INC	COM	90184L102	8,686	291,589	SH	SOLE	1	291,589	0	0
TWO HARBORS INVESTMENT CORP	COM	90187B408	844	167,537	SH	SOLE	1	167,537	0	0
TYLER TECHNOLOGIES INC	COM	902252105	4,954	14,283	SH	SOLE	1	14,283	0	0
TYME TECHNOLOGIES INC	COM	90238J103	53	40,093	SH	SOLE	1	40,093	0	0
TYSON FOODS INC CL A	CL A	902494103	17,383	291,116	SH	SOLE	1	291,116	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	728	8,984	SH	SOLE	1	8,984	0	0
UBIQUITI INC	COM	90353W103	37	211	SH	SOLE	1	211	0	0
UDR INC	COM	902653104	3,898	104,292	SH	SOLE	1	104,292	0	0
UFP INDUSTRIES INC	COM	90278Q108	2,101	42,431	SH	SOLE	1	42,431	0	0
UFP TECHNOLOGIES INC	COM	902673102	185	4,200	SH	SOLE	1	4,200	0	0
UGI CORP	COM	902681105	12,374	389,120	SH	SOLE	1	389,120	0	0
ULTA BEAUTY INC	COM	90384S303	4,756	23,381	SH	SOLE	1	23,381	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	635	28,048	SH	SOLE	1	28,048	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	2,713	34,689	SH	SOLE	1	34,689	0	0
ULTRALIFE CORP	COM	903899102	39	5,559	SH	SOLE	1	5,559	0	0
UMB FINANCIAL CORP	COM	902788108	5,427	105,272	SH	SOLE	1	105,272	0	0
UMH PROPERTIES INC	COM	903002103	290	22,418	SH	SOLE	1	22,418	0	0
UMPQUA HOLDINGS CORP	COM	904214103	4,378	411,443	SH	SOLE	1	411,443	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	625	64,214	SH	SOLE	1	64,214	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	708	80,120	SH	SOLE	1	80,120	0	0
UNIFI INC	COM	904677200	126	9,792	SH	SOLE	1	9,792	0	0
UNIFIRST CORP/MA	COM	904708104	1,912	10,684	SH	SOLE	1	10,684	0	0
UNION PACIFIC CORP	COM	907818108	37,918	224,274	SH	SOLE	1	224,274	0	0
UNISYS CORP	COM	909214306	467	42,844	SH	SOLE	1	42,844	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	3,388	97,885	SH	SOLE	1	97,885	0	0
UNITED BANKSHARES INC	COM	909907107	8,621	311,694	SH	SOLE	1	311,694	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,112	55,265	SH	SOLE	1	55,265	0	0
UNITED FIRE GROUP INC	COM	910340108	412	14,855	SH	SOLE	1	14,855	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	113	14,418	SH	SOLE	1	14,418	0	0
UNITED NATURAL FOODS INC	COM	911163103	689	37,831	SH	SOLE	1	37,831	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	29,782	267,873	SH	SOLE	1	267,873	0	0
UNITED RENTALS INC	COM	911363109	3,826	25,671	SH	SOLE	1	25,671	0	0
UNITED SECURITY BANCSHARE/CA	COM	911460103	55	8,235	SH	SOLE	1	8,235	0	0

UNITED STATES LIME & MINERAL	COM	911922102	104	1,227	SH	SOLE	1	1,227	0	0
UNITED STATES STEEL CORP	COM	912909108	3,918	542,654	SH	SOLE	1	542,654	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	9,949	82,223	SH	SOLE	1	82,223	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	91,665	310,780	SH	SOLE	1	310,780	0	0
UNITI GROUP INC	COM	91325V108	1,463	156,521	SH	SOLE	1	156,521	0	0
UNITIL CORP	COM	913259107	405	9,026	SH	SOLE	1	9,026	0	0
UNITY BANCORP INC	COM	913290102	69	4,836	SH	SOLE	1	4,836	0	0
UNITY BIOTECHNOLOGY INC	COM	91381U101	175	20,125	SH	SOLE	1	20,125	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	4,369	259,139	SH	SOLE	1	259,139	0	0
UNIVERSAL CORP/VA	COM	913456109	731	17,198	SH	SOLE	1	17,198	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	11,944	79,831	SH	SOLE	1	79,831	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	448	9,578	SH	SOLE	1	9,578	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	720	9,062	SH	SOLE	1	9,062	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	2,454	26,414	SH	SOLE	1	26,414	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	356	20,060	SH	SOLE	1	20,060	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	82	4,694	SH	SOLE	1	4,694	0	0
UNIVERSAL TECHNICAL INSTITUT	COM	913915104	123	17,647	SH	SOLE	1	17,647	0	0
UNIVEST FINANCIAL CORP	COM	915271100	284	17,603	SH	SOLE	1	17,603	0	0
UNUM GROUP	COM	91529Y106	1,150	69,317	SH	SOLE	1	69,317	0	0
UPLAND SOFTWARE INC	COM	91544A109	485	13,958	SH	SOLE	1	13,958	0	0
UPWORK INC	COM	91688F104	819	56,734	SH	SOLE	1	56,734	0	0
URANIUM ENERGY CORP	COM	916896103	98	111,106	SH	SOLE	1	111,106	0	0
URBAN EDGE PROPERTIES	COM	91704F104	3,281	276,386	SH	SOLE	1	276,386	0	0
URBAN OUTFITTERS INC	COM	917047102	2,630	172,812	SH	SOLE	1	172,812	0	0
UROGEN PHARMA LTD	COM	M96088105	310	11,853	SH	SOLE	1	11,853	0	0
URSTADT BIDDLE CLASS A	COM	917286205	250	21,060	SH	SOLE	1	21,060	0	0
US AUTO PARTS NETWORK INC	COM	90343C100	112	12,900	SH	SOLE	1	12,900	0	0
US BANCORP	COM	902973304	21,418	581,691	SH	SOLE	1	581,691	0	0
US CELLULAR CORP	COM	911684108	6	188	SH	SOLE	1	188	0	0
US CONCRETE INC	COM	90333L201	280	11,282	SH	SOLE	1	11,282	0	0
US ECOLOGY INC	COM	91734M103	728	21,483	SH	SOLE	1	21,483	0	0
US FOODS HOLDING CORP	COM	912008109	57	2,871	SH	SOLE	1	2,871	0	0
US SILICA HOLDINGS INC	COM	90346E103	188	52,160	SH	SOLE	1	52,160	0	0
US XPRESS ENTERPRISES INC A	COM	90338N202	81	13,548	SH	SOLE	1	13,548	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	605	8,240	SH	SOLE	1	8,240	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	185	2,088	SH	SOLE	1	2,088	0	0
VAIL RESORTS INC	COM	91879Q109	103	567	SH	SOLE	1	567	0	0
VALARIS PLC	COM	G9402V109	12	18,994	SH	SOLE	1	18,994	0	0
VALERO ENERGY CORP	COM	91913Y100	10,446	177,592	SH	SOLE	1	177,592	0	0
VALLEY NATIONAL BANCORP	COM	919794107	7,589	970,410	SH	SOLE	1	970,410	0	0
VALMONT INDUSTRIES	COM	920253101	4,533	39,898	SH	SOLE	1	39,898	0	0
VALUE LINE INC	COM	920437100	17	628	SH	SOLE	1	628	0	0

VALVOLINE INC	COM	92047W101	6,683	345,711	SH	SOLE	1	345,711	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	435	38,058	SH	SOLE	1	38,058	0	0
VANGUARD ST TRS ETF	ETF	92206C102	529	8,500	SH	SOLE		8,500	0	0
VAPOTHERM INC	COM	922107107	481	11,727	SH	SOLE	1	11,727	0	0
VAREX IMAGING CORP	COM	92214X106	405	26,725	SH	SOLE	1	26,725	0	0
VARIAN MEDICAL SYSTEMS INC	COM	92220P105	4,205	34,319	SH	SOLE	1	34,319	0	0
VARONIS SYSTEMS INC	COM	922280102	1,687	19,061	SH	SOLE	1	19,061	0	0
VAXART INC	COM	92243A200	241	27,235	SH	SOLE	1	27,235	0	0
VBI VACCINES INC	COM	91822J103	326	105,016	SH	SOLE	1	105,016	0	0
VECTOR GROUP LTD	COM	92240M108	945	93,943	SH	SOLE	1	93,943	0	0
VECTRUS INC	COM	92242T101	344	7,003	SH	SOLE	1	7,003	0	0
VEDANTA LTD ADR	ADR	92242Y100	14	2,524	SH	SOLE	1	2,524	0	0
VEECO INSTRUMENTS INC	COM	922417100	465	34,486	SH	SOLE	1	34,486	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	857	3,656	SH	SOLE	1	3,656	0	0
VENTAS INC	COM	92276F100	4,753	129,795	SH	SOLE	1	129,795	0	0
VENUS CONCEPT INC	COM	92332W105	39	11,265	SH	SOLE	1	11,265	0	0
VERA BRADLEY INC	COM	92335C106	65	14,739	SH	SOLE	1	14,739	0	0
VERACYTE INC	COM	92337F107	792	30,572	SH	SOLE	1	30,572	0	0
VERASTEM INC	COM	92337C104	172	100,029	SH	SOLE	1	100,029	0	0
VEREIT INC	COM	92339V100	91	14,110	SH	SOLE	1	14,110	0	0
VERICEL CORP	COM	92346J108	380	27,514	SH	SOLE	1	27,514	0	0
VERICITY INC	COM	92347D100	12	1,137	SH	SOLE	1	1,137	0	0
VERINT SYSTEMS INC	COM	92343X100	1,770	39,182	SH	SOLE	1	39,182	0	0
VERISIGN INC	COM	92343E102	9,836	47,558	SH	SOLE	1	47,558	0	0
VERISK ANALYTICS INC	COM	92345Y106	14,523	85,329	SH	SOLE	1	85,329	0	0
VERITEX HOLDINGS INC	COM	923451108	599	33,835	SH	SOLE	1	33,835	0	0
VERITIV CORP	COM	923454102	154	9,082	SH	SOLE	1	9,082	0	0
VERITONE INC	COM	92347M100	209	14,041	SH	SOLE	1	14,041	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	286,193	5,191,241	SH	SOLE	1	5,191,241	0	0
VERRA MOBILITY CORP	COM	92511U102	841	81,785	SH	SOLE	1	81,785	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	84	7,608	SH	SOLE	1	7,608	0	0
VERSO CORP A	COM	92531L207	257	21,477	SH	SOLE	1	21,477	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	33,139	114,152	SH	SOLE	1	114,152	0	0
VERTIV HOLDINGS CO	CL A	92537N108	74	5,451	SH	SOLE	1	5,451	0	0
VERU INC	COM	92536C103	101	30,318	SH	SOLE	1	30,318	0	0
VF CORP	COM	918204108	7,268	119,269	SH	SOLE	1	119,269	0	0
VIACOMCBS INC CLASS A	CL A	92556H107	4	141	SH	SOLE	1	141	0	0
VIACOMCBS INC CLASS B	CL B	92556H206	21,404	917,852	SH	SOLE	1	917,852	0	0
VIAD CORP	COM	92552R406	272	14,294	SH	SOLE	1	14,294	0	0
VIASAT INC	COM	92552V100	4,188	109,137	SH	SOLE	1	109,137	0	0
VIAVI SOLUTIONS INC	COM	925550105	2,059	161,590	SH	SOLE	1	161,590	0	0
VICI PROPERTIES INC	COM	925652109	124	6,136	SH	SOLE	1	6,136	0	0
VICOR CORP	COM	925815102	911	12,662	SH	SOLE	1	12,662	0	0
VIELA BIO INC	COM	926613100	530	12,230	SH	SOLE	1	12,230	0	0
VIEMED HEALTHCARE INC	COM	92663R105	202	21,023	SH	SOLE	1	21,023	0	0
VIEWRAY INC	COM	92672L107	153	68,160	SH	SOLE	1	68,160	0	0
VIKING THERAPEUTICS INC	COM	92686J106	289	40,099	SH	SOLE	1	40,099	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	143	5,141	SH	SOLE	1	5,141	0	0

VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	108	5,409	SH	SOLE	1	5,409	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	1,160	28,318	SH	SOLE	1	28,318	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	25	1,526	SH	SOLE	1	1,526	0	0
VIRNETX HOLDING CORP	COM	92823T108	252	38,716	SH	SOLE	1	38,716	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	38	1,614	SH	SOLE	1	1,614	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	605	5,201	SH	SOLE	1	5,201	0	0
VIRTUSA CORP	COM	92827P102	665	20,488	SH	SOLE	1	20,488	0	0
VISA INC CLASS A SHARES	COM	92826C839	124,161	642,757	SH	SOLE	1	642,757	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	4,997	327,220	SH	SOLE	1	327,220	0	0
VISHAY PRECISION GROUP	COM	92835K103	187	7,602	SH	SOLE	1	7,602	0	0
VISTA OUTDOOR INC	COM	928377100	596	41,230	SH	SOLE	1	41,230	0	0
VISTEON CORP	COM	92839U206	4,698	68,577	SH	SOLE	1	68,577	0	0
VISTRA CORP	COM	92840M102	119	6,376	SH	SOLE	1	6,376	0	0
VIVINT SMART HOME INC	CL A	928542109	739	42,668	SH	SOLE	1	42,668	0	0
VIVINT SOLAR INC	COM	92854Q106	298	30,075	SH	SOLE	1	30,075	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	412	19,437	SH	SOLE	1	19,437	0	0
VOLITIONRX LTD	COM	928661107	56	14,376	SH	SOLE	1	14,376	0	0
VONAGE HOLDINGS CORP	COM	92886T201	1,647	163,731	SH	SOLE	1	163,731	0	0
VORNADO REALTY TRUST	COM	929042109	2,074	54,271	SH	SOLE	1	54,271	0	0
VOXX INTERNATIONAL CORP	CL A	91829F104	70	12,127	SH	SOLE	1	12,127	0	0
VOYA FINANCIAL INC	COM	929089100	77	1,642	SH	SOLE	1	1,642	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	199	15,806	SH	SOLE	1	15,806	0	0
VSE CORP	COM	918284100	170	5,424	SH	SOLE	1	5,424	0	0
VTV THERAPEUTICS INC CL A	CL A	918385105	13	5,937	SH	SOLE	1	5,937	0	0
VULCAN MATERIALS CO	COM	929160109	6,138	52,979	SH	SOLE	1	52,979	0	0
W&T OFFSHORE INC	COM	92922P106	131	57,660	SH	SOLE	1	57,660	0	0
WABASH NATIONAL CORP	COM	929566107	397	37,406	SH	SOLE	1	37,406	0	0
WABTEC CORP	COM	929740108	3,917	68,041	SH	SOLE	1	68,041	0	0
WADDELL & REED FINANCIAL A	COM	930059100	709	45,688	SH	SOLE	1	45,688	0	0
WAITR HOLDINGS INC	COM	930752100	122	46,455	SH	SOLE	1	46,455	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	176,439	4,162,285	SH	SOLE	1	4,162,285	0	0
WALKER & DUNLOP INC	COM	93148P102	1,020	20,066	SH	SOLE	1	20,066	0	0
WALMART INC	COM	931142103	55,579	464,009	SH	SOLE	1	464,009	0	0
WALT DISNEY CO/THE	COM	254687106	75,242	674,757	SH	SOLE	1	674,757	0	0
WARRIOR MET COAL INC	COM	93627C101	559	36,349	SH	SOLE	1	36,349	0	0
WASHINGTON FEDERAL INC	COM	938824109	5,009	186,636	SH	SOLE	1	186,636	0	0
WASHINGTON PRIME GROUP INC	COM	93964W108	15	17,934	SH	SOLE	1	17,934	0	0
WASHINGTON REIT	COM	939653101	1,295	58,345	SH	SOLE	1	58,345	0	0
WASHINGTON TRUST BANCORP	COM	940610108	342	10,435	SH	SOLE	1	10,435	0	0
WASTE MANAGEMENT INC	COM	94106L109	16,220	153,151	SH	SOLE	1	153,151	0	0

WATERS CORP	COM	941848103	4,508	24,991	SH	SOLE	1	24,991	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	206	13,888	SH	SOLE	1	13,888	0	0
WATFORD HOLDINGS LTD	COM	G94787101	175	10,475	SH	SOLE	1	10,475	0	0
WATSCO INC	COM	942622200	10,876	61,204	SH	SOLE	1	61,204	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	1,570	19,388	SH	SOLE	1	19,388	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	131	12,558	SH	SOLE	1	12,558	0	0
WAYFAIR INC CLASS A	COM	94419L101	339	1,718	SH	SOLE	1	1,718	0	0
WD 40 CO	COM	929236107	1,914	9,650	SH	SOLE	1	9,650	0	0
WEBSTER FINANCIAL CORP	COM	947890109	4,820	168,464	SH	SOLE	1	168,464	0	0
WEC ENERGY GROUP INC	COM	92939U106	14,265	162,748	SH	SOLE	1	162,748	0	0
WEIBO CORP SPON ADR	ADR	948596101	20	588	SH	SOLE	1	588	0	0
WEINGARTEN REALTY INVESTORS	COM	948741103	4,259	224,997	SH	SOLE	1	224,997	0	0
WEIS MARKETS INC	COM	948849104	293	5,841	SH	SOLE	1	5,841	0	0
WELBILT INC	COM	949090104	486	79,746	SH	SOLE	1	79,746	0	0
WELLS FARGO & CO	COM	949746101	31,299	1,222,632	SH	SOLE	1	1,222,632	0	0
WELLTOWER INC	COM	95040Q104	7,460	144,154	SH	SOLE	1	144,154	0	0
WENDY S CO/THE	COM	95058W100	7,306	335,438	SH	SOLE	1	335,438	0	0
WERNER ENTERPRISES INC	COM	950755108	6,254	143,674	SH	SOLE	1	143,674	0	0
WESBANCO INC	COM	950810101	810	39,869	SH	SOLE	1	39,869	0	0
WESCO INTERNATIONAL INC	COM	95082P105	1,078	30,710	SH	SOLE	1	30,710	0	0
WEST BANCORPORATION	COM	95123P106	171	9,798	SH	SOLE	1	9,798	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	6,011	26,462	SH	SOLE	1	26,462	0	0
WESTAMERICA BANCORPORATION	COM	957090103	1,065	18,555	SH	SOLE	1	18,555	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	48	1,277	SH	SOLE	1	1,277	0	0
WESTERN ASSET MORTGAGE CAPIT	COM	95790D105	88	31,982	SH	SOLE	1	31,982	0	0
WESTERN DIGITAL CORP	COM	958102105	7,043	159,517	SH	SOLE	1	159,517	0	0
WESTERN NEW ENGLAND BANCORP	COM	958892101	81	13,959	SH	SOLE	1	13,959	0	0
WESTERN UNION CO	COM	959802109	3,793	175,420	SH	SOLE	1	175,420	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	24	443	SH	SOLE	1	443	0	0
WESTROCK CO	COM	96145D105	3,494	123,637	SH	SOLE	1	123,637	0	0
WESTWOOD HOLDINGS GROUP INC	COM	961765104	75	4,778	SH	SOLE	1	4,778	0	0
WEX INC	COM	96208T104	13,423	81,346	SH	SOLE	1	81,346	0	0
WEYCO GROUP INC	COM	962149100	80	3,685	SH	SOLE	1	3,685	0	0
WEYERHAEUSER CO	COM	962166104	5,711	254,294	SH	SOLE	1	254,294	0	0
WHIRLPOOL CORP	COM	963320106	3,564	27,515	SH	SOLE	1	27,515	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	35	39	SH	SOLE	1	39	0	0
WHITESTONE REIT	COM	966084204	206	28,400	SH	SOLE	1	28,400	0	0
WHITING PETROLEUM CORP	COM	966387409	62	55,033	SH	SOLE	1	55,033	0	0
WIDOPENWEST INC	COM	96758W101	169	31,998	SH	SOLE	1	31,998	0	0
WILEY (JOHN) & SONS CLASS A	COM	968223206	3,183	81,609	SH	SOLE	1	81,609	0	0
WILLDAN GROUP INC	COM	96924N100	158	6,306	SH	SOLE	1	6,306	0	0
WILLIAMS COS INC	COM	969457100	9,780	514,200	SH	SOLE	1	514,200	0	0
WILLIAMS SONOMA INC	COM	969904101	11,928	145,451	SH	SOLE	1	145,451	0	0

WILLIS LEASE FINANCE CORP	COM	970646105	44	1,794	SH	SOLE	1	1,794	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	9,463	48,050	SH	SOLE	1	48,050	0	0
WILLSCOT CORP	COM	971375126	409	33,310	SH	SOLE	1	33,310	0	0
WINGSTOP INC	COM	974155103	2,912	20,957	SH	SOLE	1	20,957	0	0
WINMARK CORP	COM	974250102	308	1,799	SH	SOLE	1	1,799	0	0
WINNEBAGO INDUSTRIES	COM	974637100	2,234	33,526	SH	SOLE	1	33,526	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	4,692	107,556	SH	SOLE	1	107,556	0	0
WIPRO LTD ADR	ADR	97651M109	38	11,420	SH	SOLE	1	11,420	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	348	100,229	SH	SOLE	1	100,229	0	0
WIX.COM LTD	COM	M98068105	2,039	7,958	SH	SOLE	1	7,958	0	0
WNS HOLDINGS LTD ADR	ADR	92932M101	36	651	SH	SOLE	1	651	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	1,348	56,608	SH	SOLE	1	56,608	0	0
WOODWARD INC	COM	980745103	8,212	105,894	SH	SOLE	1	105,894	0	0
WORKDAY INC CLASS A	COM	98138H101	1,950	10,406	SH	SOLE	1	10,406	0	0
WORKHORSE GROUP INC	COM	98138J206	674	38,732	SH	SOLE	1	38,732	0	0
WORKIVA INC	COM	98139A105	1,257	23,494	SH	SOLE	1	23,494	0	0
WORLD ACCEPTANCE CORP	COM	981419104	232	3,534	SH	SOLE	1	3,534	0	0
WORLD FUEL SERVICES CORP	COM	981475106	4,011	155,695	SH	SOLE	1	155,695	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	3,788	87,187	SH	SOLE	1	87,187	0	0
WORTHINGTON INDUSTRIES	COM	981811102	3,384	90,731	SH	SOLE	1	90,731	0	0
WP CAREY INC	COM	92936U109	151	2,236	SH	SOLE	1	2,236	0	0
WPX ENERGY INC	COM	98212B103	4,867	762,901	SH	SOLE	1	762,901	0	0
WR BERKLEY CORP	COM	084423102	2,755	48,088	SH	SOLE	1	48,088	0	0
WR GRACE & CO	COM	38388F108	52	1,021	SH	SOLE	1	1,021	0	0
WRAP TECHNOLOGIES INC	COM	98212N107	73	6,988	SH	SOLE	1	6,988	0	0
WRIGHT MEDICAL GROUP NV	COM	N96617118	2,339	78,703	SH	SOLE	1	78,703	0	0
WSFS FINANCIAL CORP	COM	929328102	881	30,700	SH	SOLE	1	30,700	0	0
WW GRAINGER INC	COM	384802104	5,315	16,918	SH	SOLE	1	16,918	0	0
WW INTERNATIONAL INC	COM	98262P101	2,927	115,320	SH	SOLE	1	115,320	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	4,482	159,050	SH	SOLE	1	159,050	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	7,412	173,912	SH	SOLE	1	173,912	0	0
WYNN RESORTS LTD	COM	983134107	2,523	33,877	SH	SOLE	1	33,877	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	92	9,832	SH	SOLE	1	9,832	0	0
XBIOTECH INC	COM	98400H102	120	8,727	SH	SOLE	1	8,727	0	0
XCEL ENERGY INC	COM	98389B100	13,146	210,329	SH	SOLE	1	210,329	0	0
XENCOR INC	COM	98401F105	1,252	38,658	SH	SOLE	1	38,658	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	748	80,161	SH	SOLE	1	80,161	0	0
XERIS PHARMACEUTICALS INC	COM	98422L107	61	22,831	SH	SOLE	1	22,831	0	0
XEROX HOLDINGS CORP	COM	98421M106	2,351	153,753	SH	SOLE	1	153,753	0	0
XILINX INC	COM	983919101	10,698	108,727	SH	SOLE	1	108,727	0	0
XOMA CORP	COM	98419J206	74	3,720	SH	SOLE	1	3,720	0	0
XPEL INC	COM	98379L100	160	10,202	SH	SOLE	1	10,202	0	0
XPERI HOLDING CORP	COM	98390M103	1,132	76,668	SH	SOLE	1	76,668	0	0

XPO LOGISTICS INC	COM	983793100	13,157	170,319	SH	SOLE	1	170,319	0	0
XYLEM INC	COM	98419M100	4,013	61,777	SH	SOLE	1	61,777	0	0
Y MABS THERAPEUTICS INC	COM	984241109	791	18,311	SH	SOLE	1	18,311	0	0
YELP INC	COM	985817105	3,798	164,186	SH	SOLE	1	164,186	0	0
YETI HOLDINGS INC	COM	98585X104	2,212	51,769	SH	SOLE	1	51,769	0	0
YEXT INC	COM	98585N106	1,027	61,840	SH	SOLE	1	61,840	0	0
YORK WATER CO	COM	987184108	381	7,943	SH	SOLE	1	7,943	0	0
YPF S.A. SPONSORED ADR	ADR	984245100	1	242	SH	SOLE	1	242	0	0
YUM BRANDS INC	COM	988498101	10,263	118,082	SH	SOLE	1	118,082	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	464	9,659	SH	SOLE	1	9,659	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	4,866	19,010	SH	SOLE	1	19,010	0	0
ZENDESK INC	COM	98936J101	274	3,092	SH	SOLE	1	3,092	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	304	6,323	SH	SOLE	1	6,323	0	0
ZILLOW GROUP INC A	COM	98954M101	48	842	SH	SOLE	1	842	0	0
ZILLOW GROUP INC C	COM	98954M200	114	1,984	SH	SOLE	1	1,984	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	8,412	70,477	SH	SOLE	1	70,477	0	0
ZIONS BANCORP NA	COM	989701107	1,897	55,807	SH	SOLE	1	55,807	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	428	130,375	SH	SOLE	1	130,375	0	0
ZIX CORP	COM	98974P100	231	33,422	SH	SOLE	1	33,422	0	0
ZOETIS INC	COM	98978V103	27,761	202,576	SH	SOLE	1	202,576	0	0
ZOGENIX INC	COM	98978L204	918	33,993	SH	SOLE	1	33,993	0	0
ZOOM VIDEO COMMUNICATIONS A	CL A	98980L101	2,541	10,021	SH	SOLE	1	10,021	0	0
ZSCALER INC	COM	98980G102	211	1,924	SH	SOLE	1	1,924	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	167	4,557	SH	SOLE	1	4,557	0	0
ZUMIEZ INC	COM	989817101	403	14,719	SH	SOLE	1	14,719	0	0
ZUORA INC CLASS A	COM	98983V106	762	59,748	SH	SOLE	1	59,748	0	0
ZYNEX INC	COM	98986M103	288	11,598	SH	SOLE	1	11,598	0	0
ZYNKA INC CL A	CL A	98986T108	210	22,023	SH	SOLE	1	22,023	0	0