

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: 09-30-2020

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 11-04-2020
[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: 3,127
Form 13F Information Table Value Total: 20,860,692
(thousands)

List of Other Included Managers:

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

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

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

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FORM 13F INFORMATION TABLE

OMB APPROVAL	
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COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (x\$1000)	SHRS OR PRN AMT	SH/ PUT/ CALL	INVESTMENT DISCRETION	OTHER MANAGER	SOLE	SHARED	NONE	
1 800 FLOWERS.COM INC CL A	CL A	68243Q106	371	14,875	SH	SOLE	1	14,875	0	0	
10X GENOMICS INC CLASS A	CL A	88025U109	187	1,502	SH	SOLE	1	1,502	0	0	
1LIFE HEALTHCARE INC	COM	68269G107	1,333	47,015	SH	SOLE	1	47,015	0	0	
1ST CONSTITUTION BANCORP	COM	31986N102	64	5,409	SH	SOLE	1	5,409	0	0	
1ST SOURCE CORP	COM	336901103	303	9,808	SH	SOLE	1	9,808	0	0	
2U INC	COM	90214J101	40	1,173	SH	SOLE	1	1,173	0	0	
3D SYSTEMS CORP	COM	88554D205	401	81,733	SH	SOLE	1	81,733	0	0	
3M CO	COM	88579Y101	230,373	1,438,212	SH	SOLE	1	1,438,212	0	0	
51JOB INC ADR	ADR	316827104	23	294	SH	SOLE	1	294	0	0	
89BIO INC	COM	282559103	100	3,894	SH	SOLE	1	3,894	0	0	
8X8 INC	COM	282914100	1,111	71,445	SH	SOLE	1	71,445	0	0	
A MARK PRECIOUS METALS INC	COM	00181T107	99	2,932	SH	SOLE	1	2,932	0	0	
A10 NETWORKS INC	COM	002121101	232	36,400	SH	SOLE	1	36,400	0	0	
AAON INC	COM	000360206	1,706	28,321	SH	SOLE	1	28,321	0	0	
AAR CORP	COM	000361105	434	23,101	SH	SOLE	1	23,101	0	0	
AARON S INC	COM	002535300	9,206	162,513	SH	SOLE	1	162,513	0	0	
ABBOTT LABORATORIES	COM	002824100	61,047	560,939	SH	SOLE	1	560,939	0	0	
ABBVIE INC	COM	00287Y109	236,024	2,694,647	SH	SOLE	1	2,694,647	0	0	
ABEONA THERAPEUTICS INC	COM	00289Y107	37	36,111	SH	SOLE	1	36,111	0	0	
ABERCROMBIE & FITCH CO CL A	CL A	002896207	599	43,027	SH	SOLE	1	43,027	0	0	
ABIOMED INC	COM	003654100	4,505	16,259	SH	SOLE	1	16,259	0	0	
ABM INDUSTRIES INC	COM	000957100	1,695	46,243	SH	SOLE	1	46,243	0	0	
ACACIA COMMUNICATIONS INC	COM	00401C108	1,567	23,245	SH	SOLE	1	23,245	0	0	
ACACIA RESEARCH CORP	COM	003881307	99	28,451	SH	SOLE	1	28,451	0	0	
ACADIA HEALTHCARE CO INC	COM	00404A109	4,807	163,048	SH	SOLE	1	163,048	0	0	
ACADIA PHARMACEUTICALS INC	COM	004225108	119	2,895	SH	SOLE	1	2,895	0	0	
ACADIA REALTY TRUST	COM SH BEN INT	004239109	616	58,692	SH	SOLE	1	58,692	0	0	
ACCEL ENTERTAINMENT INC	CL A1	00436Q106	285	26,573	SH	SOLE	1	26,573	0	0	
ACCELERATE DIAGNOSTICS INC	COM	00430H102	198	18,597	SH	SOLE	1	18,597	0	0	
ACCELERON PHARMA INC	COM	00434H108	147	1,304	SH	SOLE	1	1,304	0	0	
ACCENTURE PLC CL A	SHS CL A	G1151C101	45,559	201,595	SH	SOLE	1	201,595	0	0	
ACCO BRANDS CORP	COM	00081T108	320	55,236	SH	SOLE	1	55,236	0	0	
ACCOLADE INC	COM	00437E102	271	6,959	SH	SOLE	1	6,959	0	0	
ACCURAY INC	COM	004397105	129	53,532	SH	SOLE	1	53,532	0	0	

ACELRX PHARMACEUTICALS INC	COM	00444T100	68	47,854	SH	SOLE	1	47,854	0	0
ACI WORLDWIDE INC	COM	004498101	7,325	280,309	SH	SOLE	1	280,309	0	0
ACNB CORP	COM	000868109	105	5,059	SH	SOLE	1	5,059	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	26,338	325,362	SH	SOLE	1	325,362	0	0
ACUITY BRANDS INC	COM	00508Y102	7,435	72,647	SH	SOLE	1	72,647	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	689	20,484	SH	SOLE	1	20,484	0	0
ACUTUS MEDICAL INC	COM	005111109	175	5,880	SH	SOLE	1	5,880	0	0
ADAMS RESOURCES & ENERGY INC	COM	006351308	26	1,312	SH	SOLE	1	1,312	0	0
ADAPTHEALTH CORP	CL A	00653Q102	326	14,944	SH	SOLE	1	14,944	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	97	1,994	SH	SOLE	1	1,994	0	0
ADDUS HOMECARE CORP	COM	006739106	910	9,632	SH	SOLE	1	9,632	0	0
ADIENT PLC	COM	G0084W101	3,873	223,456	SH	SOLE	1	223,456	0	0
ADMA BIOLOGICS INC	COM	000899104	86	35,991	SH	SOLE	1	35,991	0	0
ADOBE INC	COM	00724F101	99,651	203,190	SH	SOLE	1	203,190	0	0
ADT INC	COM	00090Q103	16	2,009	SH	SOLE	1	2,009	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	3,081	125,533	SH	SOLE	1	125,533	0	0
ADTRAN INC	COM	00738A106	339	33,029	SH	SOLE	1	33,029	0	0
ADURO BIOTECH INC	COM	00739L101	97	39,695	SH	SOLE	1	39,695	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	3,489	22,728	SH	SOLE	1	22,728	0	0
ADVANCED DISPOSAL SERVICES I	COM	00790X101	1,335	44,147	SH	SOLE	1	44,147	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	2,076	33,242	SH	SOLE	1	33,242	0	0
ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	39	9,477	SH	SOLE	1	9,477	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,652	26,253	SH	SOLE	1	26,253	0	0
ADVANCED MICRO DEVICES	COM	007903107	40,088	488,937	SH	SOLE	1	488,937	0	0
ADVANSIX INC	COM	00773T101	244	18,966	SH	SOLE	1	18,966	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	535	51,950	SH	SOLE	1	51,950	0	0
AECOM	COM	00766T100	12,296	293,882	SH	SOLE	1	293,882	0	0
AEGION CORP	COM	00770F104	296	20,965	SH	SOLE	1	20,965	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	178	25,110	SH	SOLE	1	25,110	0	0
AERCAP HOLDINGS NV	COM	N00985106	667	26,465	SH	SOLE	1	26,465	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	258	21,936	SH	SOLE	1	21,936	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	2,020	50,636	SH	SOLE	1	50,636	0	0
AEROVIRONMENT INC	COM	008073108	899	14,974	SH	SOLE	1	14,974	0	0
AES CORP	COM	00130H105	4,148	229,067	SH	SOLE	1	229,067	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	5,834	85,323	SH	SOLE	1	85,323	0	0
AFFIMED NV	COM	N01045108	165	48,634	SH	SOLE	1	48,634	0	0
AFLAC INC	COM	001055102	10,191	280,350	SH	SOLE	1	280,350	0	0
AGCO CORP	COM	001084102	8,361	112,573	SH	SOLE	1	112,573	0	0
AGENUS INC	COM	00847G705	363	90,719	SH	SOLE	1	90,719	0	0
AGILE THERAPEUTICS INC	COM	00847L100	123	40,608	SH	SOLE	1	40,608	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	12,583	124,657	SH	SOLE	1	124,657	0	0
AGILYSYS INC	COM	00847J105	308	12,737	SH	SOLE	1	12,737	0	0
AGIOS	COM	00847X104	31	877	SH	SOLE	1	877	0	0

PHARMACEUTICALS INC										
AGNC INVESTMENT CORP	COM	00123Q104	101	7,239	SH	SOLE	1	7,239	0	0
AGREE REALTY CORP	COM	008492100	2,471	38,824	SH	SOLE	1	38,824	0	0
AGROFRESH SOLUTIONS INC	COM	00856G109	45	18,367	SH	SOLE	1	18,367	0	0
AIMMUNE THERAPEUTICS INC	COM	00900T107	958	27,804	SH	SOLE	1	27,804	0	0
AIR LEASE CORP	COM	00912X302	41	1,387	SH	SOLE	1	1,387	0	0
AIR PRODUCTS & CHEMICALS INC	COM	009158106	24,510	82,288	SH	SOLE	1	82,288	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	881	35,159	SH	SOLE	1	35,159	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	6,574	59,471	SH	SOLE	1	59,471	0	0
AKCEA THERAPEUTICS INC	COM	00972L107	179	9,840	SH	SOLE	1	9,840	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	215	85,640	SH	SOLE	1	85,640	0	0
AKERNA CORP	COM	00973W102	20	5,367	SH	SOLE	1	5,367	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	249	8,096	SH	SOLE	1	8,096	0	0
AKOUCOS INC	COM	00973J101	199	8,681	SH	SOLE	1	8,681	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	151	18,557	SH	SOLE	1	18,557	0	0
ALAMO GROUP INC	COM	011311107	737	6,821	SH	SOLE	1	6,821	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,797	32,531	SH	SOLE	1	32,531	0	0
ALASKA AIR GROUP INC	COM	011659109	1,489	40,653	SH	SOLE	1	40,653	0	0
ALASKA COMM SYSTEMS GROUP	COM	01167P101	62	31,023	SH	SOLE	1	31,023	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,051	21,227	SH	SOLE	1	21,227	0	0
ALBEMARLE CORP	COM	012653101	3,125	35,002	SH	SOLE	1	35,002	0	0
ALBERTSONS COS INC CLASS A	COM	013091103	11	824	SH	SOLE	1	824	0	0
ALBIREO PHARMA INC	COM	01345P106	265	7,953	SH	SOLE	1	7,953	0	0
ALCOA CORP	COM	013872106	1,303	112,028	SH	SOLE	1	112,028	0	0
ALECTOR INC	COM	014442107	292	27,681	SH	SOLE	1	27,681	0	0
ALERUS FINANCIAL CORP	COM	01446U103	173	8,845	SH	SOLE	1	8,845	0	0
ALEXANDER & BALDWIN INC	COM	014491104	558	49,788	SH	SOLE	1	49,788	0	0
ALEXANDER S INC	COM	014752109	314	1,281	SH	SOLE	1	1,281	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	6,347	39,669	SH	SOLE	1	39,669	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	10,839	94,717	SH	SOLE	1	94,717	0	0
ALIBABA GROUP HOLDING SP ADR	ADR	01609W102	7,611	25,891	SH	SOLE	1	25,891	0	0
ALICO INC	COM	016230104	89	3,120	SH	SOLE	1	3,120	0	0
ALIGN TECHNOLOGY INC	COM	016255101	10,323	31,533	SH	SOLE	1	31,533	0	0
ALKERMES PLC	COM	G01767105	34	2,056	SH	SOLE	1	2,056	0	0
ALLAKOS INC	COM	01671P100	1,186	14,564	SH	SOLE	1	14,564	0	0
ALLEGHANY CORP	COM	017175100	13,659	26,245	SH	SOLE	1	26,245	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	764	87,576	SH	SOLE	1	87,576	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	305	13,049	SH	SOLE	1	13,049	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	1,081	9,021	SH	SOLE	1	9,021	0	0
ALLEGION PLC	COM	G0176J109	3,091	31,252	SH	SOLE	1	31,252	0	0
ALLETE INC	COM	018522300	6,498	125,579	SH	SOLE	1	125,579	0	0

ALLIANCE DATA SYSTEMS CORP	COM	018581108	3,671	87,445	SH	SOLE	1	87,445	0	0
ALLIANT ENERGY CORP	COM	018802108	5,192	100,524	SH	SOLE	1	100,524	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	181	4,381	SH	SOLE	1	4,381	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	85	2,427	SH	SOLE	1	2,427	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	1,216	32,240	SH	SOLE	1	32,240	0	0
ALLOVIR INC	COM	019818103	295	10,718	SH	SOLE	1	10,718	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	910	111,783	SH	SOLE	1	111,783	0	0
ALLSTATE CORP	COM	020002101	17,748	188,522	SH	SOLE	1	188,522	0	0
ALLY FINANCIAL INC	COM	02005N100	122	4,868	SH	SOLE	1	4,868	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	440	3,020	SH	SOLE	1	3,020	0	0
ALPHA & OMEGA SEMICONDUCTOR	COM	G6331P104	158	12,283	SH	SOLE	1	12,283	0	0
ALPHA PRO TECH LTD	COM	020772109	108	7,314	SH	SOLE	1	7,314	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	197,270	134,600	SH	SOLE	1	134,600	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	159,904	108,808	SH	SOLE	1	108,808	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	179	26,997	SH	SOLE	1	26,997	0	0
ALPINE INCOME PROPERTY TRUST	COM	02083X103	62	4,001	SH	SOLE	1	4,001	0	0
ALTA EQUIPMENT GROUP INC	COM	02128L106	80	10,185	SH	SOLE	1	10,185	0	0
ALTABANCORP	COM	021347109	191	9,500	SH	SOLE	1	9,500	0	0
ALTAIR ENGINEERING INC A	COM	021369103	1,065	25,363	SH	SOLE	1	25,363	0	0
ALTERYX INC CLASS A	COM	02156B103	157	1,378	SH	SOLE	1	1,378	0	0
ALTICE USA INC A	COM	02156K103	208	7,995	SH	SOLE	1	7,995	0	0
ALTISOURCE PORTFOLIO SOL	COM	L0175J104	35	2,740	SH	SOLE	1	2,740	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	1,426	38,572	SH	SOLE	1	38,572	0	0
ALTRIA GROUP INC	COM	02209S103	187,114	4,842,490	SH	SOLE	1	4,842,490	0	0
ALX ONCOLOGY HOLDINGS INC	COM	00166B105	216	5,724	SH	SOLE	1	5,724	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	200	21,256	SH	SOLE	1	21,256	0	0
AMALGAMATED BK OF NEW YORK A	COM	022663108	86	8,092	SH	SOLE	1	8,092	0	0
AMAZON.COM INC	COM	023135106	499,354	158,589	SH	SOLE	1	158,589	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	400	31,343	SH	SOLE	1	31,343	0	0
AMBARELLA INC	COM	G037AX101	1,032	19,785	SH	SOLE	1	19,785	0	0
AMC ENTERTAINMENT HLDS CL A	CL A COM	00165C104	147	31,110	SH	SOLE	1	31,110	0	0
AMC NETWORKS INC A	COM	00164V103	2,396	96,977	SH	SOLE	1	96,977	0	0
AMCOR PLC	COM	G0250X107	7,303	660,910	SH	SOLE	1	660,910	0	0
AMDOCS LTD	COM	G02602103	99	1,728	SH	SOLE	1	1,728	0	0
AMEDISYS INC	COM	023436108	14,166	59,914	SH	SOLE	1	59,914	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	133	6,370	SH	SOLE	1	6,370	0	0
AMERANT BANCORP INC	COM	023576101	126	13,561	SH	SOLE	1	13,561	0	0
AMERCO	COM	023586100	41	116	SH	SOLE	1	116	0	0
AMEREN CORPORATION	COM	023608102	6,431	81,327	SH	SOLE	1	81,327	0	0
AMERESCO INC CL A	CL A	02361E108	488	14,599	SH	SOLE	1	14,599	0	0
AMERICA S CAR MART	COM	03062T105	370	4,361	SH	SOLE	1	4,361	0	0

INC										
AMERICAN AIRLINES GROUP INC	COM	02376R102	2,146	174,593	SH	SOLE	1	174,593	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	836	34,700	SH	SOLE	1	34,700	0	0
AMERICAN AXLE & MFG HOLDINGS	COM	024061103	448	77,676	SH	SOLE	1	77,676	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	8,914	255,272	SH	SOLE	1	255,272	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	5,350	361,266	SH	SOLE	1	361,266	0	0
AMERICAN ELECTRIC POWER	COM	025537101	12,821	156,866	SH	SOLE	1	156,866	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,380	62,756	SH	SOLE	1	62,756	0	0
AMERICAN EXPRESS CO	COM	025816109	25,251	251,879	SH	SOLE	1	251,879	0	0
AMERICAN FINANCE TRUST INC	COM	02607T109	409	65,300	SH	SOLE	1	65,300	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	8,806	131,464	SH	SOLE	1	131,464	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	250	8,783	SH	SOLE	1	8,783	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	7,498	272,355	SH	SOLE	1	272,355	0	0
AMERICAN NATIONAL GROUP INC	COM	02772A109	7	96	SH	SOLE	1	96	0	0
AMERICAN OUTDOOR BRANDS INC	COM	02875D109	106	8,157	SH	SOLE	1	8,157	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	282	9,992	SH	SOLE	1	9,992	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	6	652	SH	SOLE	1	652	0	0
AMERICAN RENAL ASSOCIATES HO	COM	029227105	59	8,590	SH	SOLE	1	8,590	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	251	17,898	SH	SOLE	1	17,898	0	0
AMERICAN STATES WATER CO	COM	029899101	1,908	25,460	SH	SOLE	1	25,460	0	0
AMERICAN SUPERCONDUCTOR CORP	COM	030111207	195	13,433	SH	SOLE	1	13,433	0	0
AMERICAN TOWER CORP	COM	03027X100	38,944	161,106	SH	SOLE	1	161,106	0	0
AMERICAN VANGUARD CORP	COM	030371108	259	19,707	SH	SOLE	1	19,707	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	12,157	83,910	SH	SOLE	1	83,910	0	0
AMERICAN WOODMARK CORP	COM	030506109	918	11,689	SH	SOLE	1	11,689	0	0
AMERICOLD REALTY TRUST	COM	03064D108	104	2,917	SH	SOLE	1	2,917	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	6,115	39,681	SH	SOLE	1	39,681	0	0
AMERIS BANCORP	COM	03076K108	1,050	46,080	SH	SOLE	1	46,080	0	0
AMERISAFE INC	COM	03071H100	759	13,240	SH	SOLE	1	13,240	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	14,712	151,798	SH	SOLE	1	151,798	0	0
AMES NATIONAL CORP	COM	031001100	89	5,252	SH	SOLE	1	5,252	0	0
AMETEK INC	COM	031100100	8,862	89,157	SH	SOLE	1	89,157	0	0
AMGEN INC	COM	031162100	260,202	1,023,772	SH	SOLE	1	1,023,772	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	2,147	152,044	SH	SOLE	1	152,044	0	0
AMKOR TECHNOLOGY INC	COM	031652100	669	59,692	SH	SOLE	1	59,692	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	1,885	32,241	SH	SOLE	1	32,241	0	0
AMNEAL	COM	03168L105	230	59,309	SH	SOLE	1	59,309	0	0

PHARMACEUTICALS INC											
AMPHASTAR PHARMACEUTICALS INC	COM	03209R103	472	25,164	SH	SOLE	1	25,164	0	0	
AMPHENOL CORP CL A	CL A	032095101	11,408	105,367	SH	SOLE	1	105,367	0	0	
AMYRIS INC	COM	03236M200	186	63,746	SH	SOLE	1	63,746	0	0	
ANALOG DEVICES INC	COM	032654105	18,069	154,781	SH	SOLE	1	154,781	0	0	
ANAPLAN INC	COM	03272L108	213	3,410	SH	SOLE	1	3,410	0	0	
ANAPTYSBIO INC	COM	032724106	189	12,803	SH	SOLE	1	12,803	0	0	
ANAVEX LIFE SCIENCES CORP	COM	032797300	143	31,387	SH	SOLE	1	31,387	0	0	
ANDERSONS INC/THE	COM	034164103	412	21,473	SH	SOLE	1	21,473	0	0	
ANGIODYNAMICS INC	COM	03475V101	307	25,434	SH	SOLE	1	25,434	0	0	
ANI PHARMACEUTICALS INC	COM	00182C103	184	6,513	SH	SOLE	1	6,513	0	0	
ANIKA THERAPEUTICS INC	COM	035255108	342	9,663	SH	SOLE	1	9,663	0	0	
ANNALY CAPITAL MANAGEMENT INC	COM	035710409	130	18,290	SH	SOLE	1	18,290	0	0	
ANNEXON INC	COM	03589W102	267	8,816	SH	SOLE	1	8,816	0	0	
ANSYS INC	COM	03662Q105	11,321	34,596	SH	SOLE	1	34,596	0	0	
ANTARES PHARMA INC	COM	036642106	265	98,279	SH	SOLE	1	98,279	0	0	
ANTERIX INC	COM	03676C100	213	6,502	SH	SOLE	1	6,502	0	0	
ANTERO MIDSTREAM CORP	COM	03676B102	2,815	524,149	SH	SOLE	1	524,149	0	0	
ANTERO RESOURCES CORP	COM	03674X106	399	145,169	SH	SOLE	1	145,169	0	0	
ANTHEM INC	COM	036752103	21,357	79,516	SH	SOLE	1	79,516	0	0	
ANWORTH MORTGAGE ASSET CORP	COM	037347101	96	58,620	SH	SOLE	1	58,620	0	0	
AON PLC CLASS A	CL A	G0403H108	17,076	82,770	SH	SOLE	1	82,770	0	0	
APACHE CORP	COM	037411105	1,209	127,624	SH	SOLE	1	127,624	0	0	
APARTMENT INVT & MGMT CO A	COM	03748R754	1,744	51,713	SH	SOLE	1	51,713	0	0	
APELLIS PHARMACEUTICALS INC	COM	03753U106	1,083	35,911	SH	SOLE	1	35,911	0	0	
API GROUP CORP	COM	00187Y100	1,192	83,741	SH	SOLE	1	83,741	0	0	
APOGEE ENTERPRISES INC	COM	037598109	381	17,817	SH	SOLE	1	17,817	0	0	
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	913	101,273	SH	SOLE	1	101,273	0	0	
APOLLO GLOBAL MANAGEMENT INC	CL A	03768E105	149	3,334	SH	SOLE	1	3,334	0	0	
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	212	11,840	SH	SOLE	1	11,840	0	0	
APPFOLIO INC A	COM	03783C100	1,384	9,756	SH	SOLE	1	9,756	0	0	
APPIAN CORP	COM	03782L101	1,378	21,278	SH	SOLE	1	21,278	0	0	
APPLE HOSPITALITY REIT INC	COM	03784Y200	110	11,421	SH	SOLE	1	11,421	0	0	
APPLE INC	COM	037833100	683,663	5,903,313	SH	SOLE	1	5,903,313	0	0	
APPLIED GENETIC TECHNOLOGIES	COM	03820J100	71	14,552	SH	SOLE	1	14,552	0	0	
APPLIED INDUSTRIAL TECH INC	COM	03820C105	1,471	26,693	SH	SOLE	1	26,693	0	0	
APPLIED MATERIALS INC	COM	038222105	23,333	392,478	SH	SOLE	1	392,478	0	0	
APPLIED MOLECULAR TRANSPORT	COM	03824M109	236	7,425	SH	SOLE	1	7,425	0	0	
APPLIED OPTOELECTRONICS INC	COM	03823U102	167	14,869	SH	SOLE	1	14,869	0	0	
APPLIED THERAPEUTICS INC	COM	03828A101	169	8,147	SH	SOLE	1	8,147	0	0	
APREA THERAPEUTICS INC	COM	03836J102	103	4,299	SH	SOLE	1	4,299	0	0	

APTARGROUP INC	COM	038336103	13,377	118,173	SH	SOLE	1	118,173	0	0
APTINYX INC	COM	03836N103	51	15,146	SH	SOLE	1	15,146	0	0
APTIV PLC	COM	G6095L109	8,147	88,863	SH	SOLE	1	88,863	0	0
APYX MEDICAL CORP	COM	03837C106	94	19,992	SH	SOLE	1	19,992	0	0
AQUESTIVE THERAPEUTICS INC	COM	03843E104	58	11,882	SH	SOLE	1	11,882	0	0
ARAMARK	COM	03852U106	79	2,974	SH	SOLE	1	2,974	0	0
ARAVIVE INC	COM	03890D108	34	7,270	SH	SOLE	1	7,270	0	0
ARBOR REALTY TRUST INC	COM	038923108	723	62,995	SH	SOLE	1	62,995	0	0
ARCBEST CORP	COM	03937C105	541	17,416	SH	SOLE	1	17,416	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	150	5,124	SH	SOLE	1	5,124	0	0
ARCH RESOURCES INC	CL A	03940R107	384	9,033	SH	SOLE	1	9,033	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	8,503	182,897	SH	SOLE	1	182,897	0	0
ARCHROCK INC	COM	03957W106	481	89,461	SH	SOLE	1	89,461	0	0
ARCONIC CORP	COM	03966V107	1,305	68,482	SH	SOLE	1	68,482	0	0
ARCOSA INC	COM	039653100	1,477	33,503	SH	SOLE	1	33,503	0	0
ARCTURUS THERAPEUTICS HOLDIN	COM	03969T109	411	9,569	SH	SOLE	1	9,569	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	432	25,205	SH	SOLE	1	25,205	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	317	10,810	SH	SOLE	1	10,810	0	0
ARDAGH GROUP SA	COM	L0223L101	480	34,175	SH	SOLE	1	34,175	0	0
ARDELYX INC	COM	039697107	229	43,682	SH	SOLE	1	43,682	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	71	20,059	SH	SOLE	1	20,059	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	2,600	34,769	SH	SOLE	1	34,769	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	168	18,394	SH	SOLE	1	18,394	0	0
ARES MANAGEMENT CORP A	COM	03990B101	104	2,566	SH	SOLE	1	2,566	0	0
ARGAN INC	COM	04010E109	369	8,813	SH	SOLE	1	8,813	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	668	19,409	SH	SOLE	1	19,409	0	0
ARISTA NETWORKS INC	COM	040413106	3,883	18,766	SH	SOLE	1	18,766	0	0
ARLINGTON ASSET INVESTMENT A	COM	041356205	59	20,755	SH	SOLE	1	20,755	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	284	54,038	SH	SOLE	1	54,038	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	437	47,171	SH	SOLE	1	47,171	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	421	44,251	SH	SOLE	1	44,251	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	59	852	SH	SOLE	1	852	0	0
ARROW ELECTRONICS INC	COM	042735100	11,191	142,275	SH	SOLE	1	142,275	0	0
ARROW FINANCIAL CORP	COM	042744102	199	7,925	SH	SOLE	1	7,925	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	10,601	246,187	SH	SOLE	1	246,187	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	166	4,812	SH	SOLE	1	4,812	0	0
ARTHUR J GALLAGHER & CO	COM	363576109	6,663	63,108	SH	SOLE	1	63,108	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	2,244	57,560	SH	SOLE	1	57,560	0	0
ARVINAS INC	COM	04335A105	413	17,488	SH	SOLE	1	17,488	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	1,296	13,302	SH	SOLE	1	13,302	0	0
ASGN INC	COM	00191U102	8,007	125,979	SH	SOLE	1	125,979	0	0

ASHLAND GLOBAL HOLDINGS INC	COM	044186104	7,075	99,765	SH	SOLE	1	99,765	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	1,687	4,568	SH	SOLE	1	4,568	0	0
ASPEN AEROGELS INC	COM	04523Y105	134	12,226	SH	SOLE	1	12,226	0	0
ASPEN GROUP INC	COM	04530L203	127	11,350	SH	SOLE	1	11,350	0	0
ASPEN TECHNOLOGY INC	COM	045327103	216	1,708	SH	SOLE	1	1,708	0	0
ASPIRA WOMEN S HEALTH INC	COM	04537Y109	146	47,396	SH	SOLE	1	47,396	0	0
ASSEMBLY BIOSCIENCES INC	COM	045396108	302	18,351	SH	SOLE	1	18,351	0	0
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	213	9,783	SH	SOLE	1	9,783	0	0
ASSOCIATED BANC CORP	COM	045487105	3,555	281,664	SH	SOLE	1	281,664	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	40	1,103	SH	SOLE	1	1,103	0	0
ASSURANT INC	COM	04621X108	4,351	35,870	SH	SOLE	1	35,870	0	0
ASSURED GUARANTY LTD	COM	G0585R106	23	1,051	SH	SOLE	1	1,051	0	0
ASTEC INDUSTRIES INC	COM	046224101	842	15,511	SH	SOLE	1	15,511	0	0
ASTRONICS CORP	COM	046433108	108	13,990	SH	SOLE	1	13,990	0	0
ASURE SOFTWARE INC	COM	04649U102	61	8,035	SH	SOLE	1	8,035	0	0
AT HOME GROUP INC	COM	04650Y100	477	32,092	SH	SOLE	1	32,092	0	0
AT&T INC	COM	00206R102	65,670	2,303,418	SH	SOLE	1	2,303,418	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	561	43,279	SH	SOLE	1	43,279	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	51	1,505	SH	SOLE	1	1,505	0	0
ATHENEX INC	COM	04685N103	449	37,063	SH	SOLE	1	37,063	0	0
ATHERSYS INC	COM	04744L106	202	103,710	SH	SOLE	1	103,710	0	0
ATKORE INTERNATIONAL GROUP I	COM	047649108	644	28,312	SH	SOLE	1	28,312	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	142	12,490	SH	SOLE	1	12,490	0	0
ATLANTIC POWER CORP	COM	04878Q863	102	52,011	SH	SOLE	1	52,011	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	996	46,608	SH	SOLE	1	46,608	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	36	3,019	SH	SOLE	1	3,019	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	1,084	17,806	SH	SOLE	1	17,806	0	0
ATMOS ENERGY CORP	COM	049560105	3,879	40,579	SH	SOLE	1	40,579	0	0
ATN INTERNATIONAL INC	COM	00215F107	387	7,710	SH	SOLE	1	7,710	0	0
ATOMERA INC	COM	04965B100	100	9,588	SH	SOLE	1	9,588	0	0
ATRECA INC A	COM	04965G109	235	16,837	SH	SOLE	1	16,837	0	0
ATRICURE INC	COM	04963C209	1,043	26,147	SH	SOLE	1	26,147	0	0
ATRION CORPORATION	COM	049904105	529	845	SH	SOLE	1	845	0	0
AUBURN NATL BANCORPORATION	COM	050473107	51	1,399	SH	SOLE	1	1,399	0	0
AUTODESK INC	COM	052769106	21,018	90,983	SH	SOLE	1	90,983	0	0
AUTOHOME INC ADR	ADR	05278C107	74	772	SH	SOLE	1	772	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	48,609	348,479	SH	SOLE	1	348,479	0	0
AUTONATION INC	COM	05329W102	5,668	107,090	SH	SOLE	1	107,090	0	0
AUTOZONE INC	COM	053332102	9,438	8,014	SH	SOLE	1	8,014	0	0
AVALARA INC	COM	05338G106	275	2,157	SH	SOLE	1	2,157	0	0
AVALON GLOBOCARE CORP	COM	05344R104	15	11,813	SH	SOLE	1	11,813	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	6,965	46,638	SH	SOLE	1	46,638	0	0
AVANGRID INC	COM	05351W103	37	738	SH	SOLE	1	738	0	0

AVANOS MEDICAL INC	COM	05350V106	3,838	115,524	SH	SOLE	1	115,524	0	0
AVANTOR INC	COM	05352A100	263	11,711	SH	SOLE	1	11,711	0	0
AVAYA HOLDINGS CORP	COM	05351X101	752	49,475	SH	SOLE	1	49,475	0	0
AVENUE THERAPEUTICS INC	COM	05360L205	43	3,984	SH	SOLE	1	3,984	0	0
AVEO PHARMACEUTICALS INC	COM	053588307	78	13,056	SH	SOLE	1	13,056	0	0
AVERY DENNISON CORP	COM	053611109	3,578	27,991	SH	SOLE	1	27,991	0	0
AVID BIOSERVICES INC	COM	05368M106	257	33,707	SH	SOLE	1	33,707	0	0
AVID TECHNOLOGY INC	COM	05367P100	160	18,680	SH	SOLE	1	18,680	0	0
AVIDITY BIOSCIENCES INC	COM	05370A108	282	10,001	SH	SOLE	1	10,001	0	0
AVIENT CORP	COM	05368V106	6,521	246,455	SH	SOLE	1	246,455	0	0
AVIS BUDGET GROUP INC	COM	053774105	3,298	125,309	SH	SOLE	1	125,309	0	0
AVISTA CORP	COM	05379B107	1,588	46,533	SH	SOLE	1	46,533	0	0
AVNET INC	COM	053807103	4,678	181,042	SH	SOLE	1	181,042	0	0
AVROBIO INC	COM	05455M100	243	18,682	SH	SOLE	1	18,682	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	61	2,744	SH	SOLE	1	2,744	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	506	22,990	SH	SOLE	1	22,990	0	0
AXCELLA HEALTH INC	COM	05454B105	42	8,989	SH	SOLE	1	8,989	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	52	1,177	SH	SOLE	1	1,177	0	0
AXOGEN INC	COM	05463X106	253	21,761	SH	SOLE	1	21,761	0	0
AXON ENTERPRISE INC	COM	05464C101	10,626	117,156	SH	SOLE	1	117,156	0	0
AXONICS MODULATION TECHNOLOG	COM	05465P101	923	18,091	SH	SOLE	1	18,091	0	0
AXOS FINANCIAL INC	COM	05465C100	917	39,348	SH	SOLE	1	39,348	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	1,180	16,567	SH	SOLE	1	16,567	0	0
AXT INC	COM	00246W103	143	23,352	SH	SOLE	1	23,352	0	0
AYTU BIOSCIENCE INC	COM	054754700	16	13,683	SH	SOLE	1	13,683	0	0
AZEK CO INC/THE	CL A	05478C105	21	608	SH	SOLE	1	608	0	0
AZZ INC	COM	002474104	614	17,994	SH	SOLE	1	17,994	0	0
B. RILEY FINANCIAL INC	COM	05580M108	284	11,347	SH	SOLE	1	11,347	0	0
B&G FOODS INC	COM	05508R106	1,224	44,072	SH	SOLE	1	44,072	0	0
BADGER METER INC	COM	056525108	1,315	20,122	SH	SOLE	1	20,122	0	0
BAIDU INC SPON ADR	ADR	056752108	2,604	20,569	SH	SOLE	1	20,569	0	0
BAKER HUGHES CO	COM	05722G100	4,039	303,904	SH	SOLE	1	303,904	0	0
BALCHEM CORP	COM	057665200	2,170	22,227	SH	SOLE	1	22,227	0	0
BALL CORP	COM	058498106	10,650	128,126	SH	SOLE	1	128,126	0	0
BANC OF CALIFORNIA INC	COM	05990K106	312	30,787	SH	SOLE	1	30,787	0	0
BANCFIRST CORP	COM	05945F103	529	12,941	SH	SOLE	1	12,941	0	0
BANCO MACRO SA ADR	ADR	05961W105	2	165	SH	SOLE	1	165	0	0
BANCORP INC/THE	COM	05969A105	266	30,827	SH	SOLE	1	30,827	0	0
BANCORPSOUTH BANK	COM	05971J102	4,548	234,692	SH	SOLE	1	234,692	0	0
BANDWIDTH INC CLASS A	COM	05988J103	2,002	11,470	SH	SOLE	1	11,470	0	0
BANK FIRST CORP	COM	06211J100	220	3,754	SH	SOLE	1	3,754	0	0
BANK OF AMERICA CORP	COM	060505104	58,071	2,410,565	SH	SOLE	1	2,410,565	0	0
BANK OF COMMERCE HOLDINGS	COM	06424J103	66	9,511	SH	SOLE	1	9,511	0	0
BANK OF HAWAII CORP	COM	062540109	3,708	73,397	SH	SOLE	1	73,397	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	229	7,910	SH	SOLE	1	7,910	0	0
BANK OF N.T. BUTTERFIELD&SON	COM	G0772R208	677	30,395	SH	SOLE	1	30,395	0	0

BANK OF NEW YORK MELLON CORP	COM	064058100	11,433	332,943	SH	SOLE	1	332,943	0	0
BANK OZK	COM	06417N103	5,976	280,302	SH	SOLE	1	280,302	0	0
BANK7 CORP	COM	06652N107	16	1,697	SH	SOLE	1	1,697	0	0
BANKFINANCIAL CORP	COM	06643P104	57	7,913	SH	SOLE	1	7,913	0	0
BANKUNITED INC	COM	06652K103	1,390	63,424	SH	SOLE	1	63,424	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	56	3,964	SH	SOLE	1	3,964	0	0
BANNER CORPORATION	COM	06652V208	775	24,029	SH	SOLE	1	24,029	0	0
BAOZUN INC SPN ADR	ADR	06684L103	17	520	SH	SOLE	1	520	0	0
BAR HARBOR BANKSHARES	COM	066849100	184	8,931	SH	SOLE	1	8,931	0	0
BARNES & NOBLE EDUCATION INC	COM	06777U101	7	2,784	SH	SOLE	1	2,784	0	0
BARNES GROUP INC	COM	067806109	1,158	32,390	SH	SOLE	1	32,390	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	238	4,535	SH	SOLE	1	4,535	0	0
BAXTER INTERNATIONAL INC	COM	071813109	15,869	197,330	SH	SOLE	1	197,330	0	0
BAYCOM CORP	COM	07272M107	70	6,785	SH	SOLE	1	6,785	0	0
BBX CAPITAL CORP	CL A	05491N302	100	7,460	SH	SOLE	1	7,460	0	0
BCB BANCORP INC	COM	055298103	69	8,595	SH	SOLE	1	8,595	0	0
BCE INC	COM	05534B950	904	21,800	SH	SOLE	1	21,800	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,015	32,659	SH	SOLE	1	32,659	0	0
BEAM THERAPEUTICS INC	COM	07373V105	520	21,131	SH	SOLE	1	21,131	0	0
BEAZER HOMES USA INC	COM	07556Q881	225	17,053	SH	SOLE	1	17,053	0	0
BECTON DICKINSON AND CO	COM	075887109	21,324	91,646	SH	SOLE	1	91,646	0	0
BED BATH & BEYOND INC	COM	075896100	1,311	87,486	SH	SOLE	1	87,486	0	0
BEIGENE LTD ADR	ADR	07725L102	1,668	5,822	SH	SOLE	1	5,822	0	0
BEL FUSE INC CL B	COM	077347300	74	6,944	SH	SOLE	1	6,944	0	0
BELDEN INC	COM	077454106	3,343	107,413	SH	SOLE	1	107,413	0	0
BELLEROPHON THERAPEUTICS INC	COM	078771300	27	2,682	SH	SOLE	1	2,682	0	0
BELLRING BRANDS INC CLASS A	COM CL A	079823100	494	23,802	SH	SOLE	1	23,802	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	507	25,183	SH	SOLE	1	25,183	0	0
BENEFITFOCUS INC	COM	08180D106	194	17,344	SH	SOLE	1	17,344	0	0
BERKELEY LIGHTS INC	COM	084310101	14	189	SH	SOLE	1	189	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	133,451	626,707	SH	SOLE	1	626,707	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	317	31,387	SH	SOLE	1	31,387	0	0
BERRY CORP	COM	08579X101	128	40,494	SH	SOLE	1	40,494	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	112	2,323	SH	SOLE	1	2,323	0	0
BEST BUY CO INC	COM	086516101	225,383	2,025,190	SH	SOLE	1	2,025,190	0	0
BEST INC ADR	SPONSORED ADS	08653C106	6	2,085	SH	SOLE	1	2,085	0	0
BEYOND AIR INC	COM	08862L103	43	8,351	SH	SOLE	1	8,351	0	0
BEYOND MEAT INC	COM	08862E109	201	1,212	SH	SOLE	1	1,212	0	0
BEYONDSRING INC	COM	G10830100	117	8,774	SH	SOLE	1	8,774	0	0
BG STAFFING INC	COM	05544A109	47	5,512	SH	SOLE	1	5,512	0	0
BGC PARTNERS INC CL A	CL A	05541T101	438	182,285	SH	SOLE	1	182,285	0	0
BIG LOTS INC	COM	089302103	1,194	26,770	SH	SOLE	1	26,770	0	0
BIGCOMMERCE HOLDINGS SER 1	COM SER 1	08975P108	18	212	SH	SOLE	1	212	0	0
BIGLARI HOLDINGS INC A	CL A	08986R408	22	44	SH	SOLE	1	44	0	0

BIGLARI HOLDINGS INC B	COM	08986R309	49	552	SH	SOLE	1	552	0	0
BILIBILI INC SPONSORED ADR	ADS REP Z	090040106	51	1,235	SH	SOLE	1	1,235	0	0
BILL.COM HOLDINGS INC	COM	090043100	143	1,426	SH	SOLE	1	1,426	0	0
BIO RAD LABORATORIES A	COM	090572207	6,093	11,821	SH	SOLE	1	11,821	0	0
BIO TECHNE CORP	COM	09073M104	17,619	71,121	SH	SOLE	1	71,121	0	0
BIOCRIST PHARMACEUTICALS INC	COM	09058V103	363	105,626	SH	SOLE	1	105,626	0	0
BIODELIVERY SCIENCES INTL	COM	09060J106	200	53,661	SH	SOLE	1	53,661	0	0
BIOGEN INC	COM	09062X103	20,075	70,767	SH	SOLE	1	70,767	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	1,870	28,771	SH	SOLE	1	28,771	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	238	8,220	SH	SOLE	1	8,220	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,168	15,358	SH	SOLE	1	15,358	0	0
BIOSIG TECHNOLOGIES INC	COM	09073N201	71	14,393	SH	SOLE	1	14,393	0	0
BIOSPECIFICS TECHNOLOGIES	COM	090931106	197	3,733	SH	SOLE	1	3,733	0	0
BIOTELEMETRY INC	COM	090672106	1,059	23,228	SH	SOLE	1	23,228	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	304	7,010	SH	SOLE	1	7,010	0	0
BJ S RESTAURANTS INC	COM	09180C106	449	15,250	SH	SOLE	1	15,250	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	13,834	332,940	SH	SOLE	1	332,940	0	0
BLACK DIAMOND THERAPEUTICS I	COM	09203E105	327	10,812	SH	SOLE	1	10,812	0	0
BLACK HILLS CORP	COM	092113109	8,120	151,808	SH	SOLE	1	151,808	0	0
BLACK KNIGHT INC	COM	09215C105	345	3,958	SH	SOLE	1	3,958	0	0
BLACKBAUD INC	COM	09227Q100	6,687	119,779	SH	SOLE	1	119,779	0	0
BLACKLINE INC	COM	09239B109	2,690	30,007	SH	SOLE	1	30,007	0	0
BLACKROCK INC	COM	09247X101	30,805	54,663	SH	SOLE	1	54,663	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	1,810	82,367	SH	SOLE	1	82,367	0	0
BLOOM ENERGY CORP A	COM	093712107	953	53,039	SH	SOLE	1	53,039	0	0
BLOOMIN BRANDS INC	COM	094235108	912	59,709	SH	SOLE	1	59,709	0	0
BLUCORA INC	COM	095229100	313	33,242	SH	SOLE	1	33,242	0	0
BLUE BIRD CORP	COM	095306106	112	9,203	SH	SOLE	1	9,203	0	0
BLUEBIRD BIO INC	COM	09609G100	67	1,250	SH	SOLE	1	1,250	0	0
BLUEGREEN VACATIONS CORP	COM	09629F108	15	3,091	SH	SOLE	1	3,091	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	3,068	33,091	SH	SOLE	1	33,091	0	0
BLUEROCK RESIDENTIAL GROWTH	COM	09627J102	112	14,721	SH	SOLE	1	14,721	0	0
BMC STOCK HOLDINGS INC	COM	05591B109	1,722	40,212	SH	SOLE	1	40,212	0	0
BOEING CO/THE	COM	097023105	27,766	168,014	SH	SOLE	1	168,014	0	0
BOGOTA FINANCIAL CORP	COM	097235105	26	3,459	SH	SOLE	1	3,459	0	0
BOINGO WIRELESS INC	COM	09739C102	267	26,199	SH	SOLE	1	26,199	0	0
BOISE CASCADE CO	COM	09739D100	1,078	26,998	SH	SOLE	1	26,998	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	21	408	SH	SOLE	1	408	0	0
BONANZA CREEK ENERGY INC	COM	097793400	244	12,963	SH	SOLE	1	12,963	0	0
BOOKING HOLDINGS INC	COM	09857L108	31,518	18,424	SH	SOLE	1	18,424	0	0
BOOT BARN HOLDINGS	COM	099406100	555	19,738	SH	SOLE	1	19,738	0	0

INC										
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	294	3,539	SH	SOLE	1	3,539	0	0
BORGWARNER INC	COM	099724106	2,643	68,223	SH	SOLE	1	68,223	0	0
BOSTON BEER COMPANY INC A	COM	100557107	14,851	16,812	SH	SOLE	1	16,812	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	126	7,859	SH	SOLE	1	7,859	0	0
BOSTON PRIVATE FINL HOLDING	COM	101119105	312	56,585	SH	SOLE	1	56,585	0	0
BOSTON PROPERTIES INC	COM	101121101	3,764	46,875	SH	SOLE	1	46,875	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	17,320	453,282	SH	SOLE	1	453,282	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	1,242	29,459	SH	SOLE	1	29,459	0	0
BOX INC CLASS A	COM	10316T104	1,440	82,938	SH	SOLE	1	82,938	0	0
BOYD GAMING CORP	COM	103304101	5,971	194,565	SH	SOLE	1	194,565	0	0
BRADY CORPORATION CL A	CL A	104674106	1,307	32,650	SH	SOLE	1	32,650	0	0
BRAINSTORM CELL THERAPEUTICS	COM	10501E201	289	17,078	SH	SOLE	1	17,078	0	0
BRANDYWINE REALTY TRUST	COM	105368203	186	17,943	SH	SOLE	1	17,943	0	0
BRIDGE BANCORP INC	COM	108035106	174	9,979	SH	SOLE	1	9,979	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	1,634	43,548	SH	SOLE	1	43,548	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	125	13,174	SH	SOLE	1	13,174	0	0
BRIDGFORD FOODS CORP	COM	108763103	19	1,008	SH	SOLE	1	1,008	0	0
BRIGHAM MINERALS INC CL A	CL A	10918L103	197	22,074	SH	SOLE	1	22,074	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	202	1,326	SH	SOLE	1	1,326	0	0
BRIGHTCOVE	COM	10921T101	242	23,598	SH	SOLE	1	23,598	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	4,588	170,502	SH	SOLE	1	170,502	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	545	42,239	SH	SOLE	1	42,239	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	279	24,457	SH	SOLE	1	24,457	0	0
BRINK S CO/THE	COM	109696104	5,013	121,997	SH	SOLE	1	121,997	0	0
BRINKER INTERNATIONAL INC	COM	109641100	1,323	30,975	SH	SOLE	1	30,975	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	223,474	3,706,656	SH	SOLE	1	3,706,656	0	0
BRISTOL MYERS SQUIBB CO	COM	110122157	67	29,832	SH	SOLE	1	29,832	0	0
BRISTOW GROUP INC	COM	11040G103	130	6,128	SH	SOLE	1	6,128	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	6,353	543,422	SH	SOLE	1	543,422	0	0
BROADCOM INC	COM	11135F101	288,091	790,763	SH	SOLE	1	790,763	0	0
BROADMARK REALTY CAPITAL INC	COM	11135B100	759	76,943	SH	SOLE	1	76,943	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	5,214	39,496	SH	SOLE	1	39,496	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	279	109,823	SH	SOLE	1	109,823	0	0
BROOKFIELD INFRASTRUCTURE A	CL A	11275Q107	1,077	19,452	SH	SOLE	1	19,452	0	0
BROOKFIELD PROPERTY REIT I A	COM	11282X103	14	1,138	SH	SOLE	1	1,138	0	0
BROOKFIELD RENEWABLE COR A	CL A SUB VTG	11284V105	2,397	40,908	SH	SOLE	1	40,908	0	0

BROOKLINE BANCORP INC	COM	11373M107	464	53,654	SH	SOLE	1	53,654	0	0
BROOKS AUTOMATION INC	COM	114340102	2,325	50,249	SH	SOLE	1	50,249	0	0
BROWN & BROWN INC	COM	115236101	19,486	430,428	SH	SOLE	1	430,428	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	75	1,093	SH	SOLE	1	1,093	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	4,692	62,288	SH	SOLE	1	62,288	0	0
BRP GROUP INC A	COM CL A	05589G102	503	20,178	SH	SOLE	1	20,178	0	0
BRT APARTMENTS CORP	COM	055645303	74	6,298	SH	SOLE	1	6,298	0	0
BRUKER CORP	COM	116794108	76	1,921	SH	SOLE	1	1,921	0	0
BRUNSWICK CORP	COM	117043109	8,547	145,093	SH	SOLE	1	145,093	0	0
BRYN MAWR BANK CORP	COM	117665109	293	11,781	SH	SOLE	1	11,781	0	0
BUCKLE INC/THE	COM	118440106	407	19,978	SH	SOLE	1	19,978	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	9,185	281,585	SH	SOLE	1	281,585	0	0
BUNGE LTD	COM	G16962105	81	1,767	SH	SOLE	1	1,767	0	0
BURLINGTON STORES INC	COM	122017106	332	1,610	SH	SOLE	1	1,610	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	173	11,534	SH	SOLE	1	11,534	0	0
BWX TECHNOLOGIES INC	COM	05605H100	115	2,040	SH	SOLE	1	2,040	0	0
BYLINE BANCORP INC	COM	124411109	164	14,514	SH	SOLE	1	14,514	0	0
C & F FINANCIAL CORP	COM	12466Q104	62	2,077	SH	SOLE	1	2,077	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	20,571	201,303	SH	SOLE	1	201,303	0	0
CABALETTA BIO INC	COM	12674W109	84	7,720	SH	SOLE	1	7,720	0	0
CABLE ONE INC	COM	12685J105	18,854	10,000	SH	SOLE	1	10,000	0	0
CABOT CORP	COM	127055101	3,728	103,479	SH	SOLE	1	103,479	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	10,031	70,239	SH	SOLE	1	70,239	0	0
CABOT OIL & GAS CORP	COM	127097103	2,665	153,519	SH	SOLE	1	153,519	0	0
CACI INTERNATIONAL INC CL A	CL A	127190304	9,816	46,050	SH	SOLE	1	46,050	0	0
CACTUS INC A	COM	127203107	546	28,458	SH	SOLE	1	28,458	0	0
CADENCE BANCORP	COM	12739A100	733	85,371	SH	SOLE	1	85,371	0	0
CADENCE DESIGN SYS INC	COM	127387108	11,981	112,360	SH	SOLE	1	112,360	0	0
CADIZ INC	COM	127537207	118	11,924	SH	SOLE	1	11,924	0	0
CAESARS ENTERTAINMENT INC	COM	12769G100	25,008	446,096	SH	SOLE	1	446,096	0	0
CAESARSTONE LTD	COM	M20598104	130	13,305	SH	SOLE	1	13,305	0	0
CAI INTERNATIONAL INC	COM	12477X106	270	9,818	SH	SOLE	1	9,818	0	0
CAL MAINE FOODS INC	COM	128030202	851	22,167	SH	SOLE	1	22,167	0	0
CALAMP CORP	COM	128126109	167	23,213	SH	SOLE	1	23,213	0	0
CALAVO GROWERS INC	COM	128246105	754	11,377	SH	SOLE	1	11,377	0	0
CALEDONIA MINING CORP PLC	PLC SHS	G1757E113	113	6,675	SH	SOLE	1	6,675	0	0
CALERES INC	COM	129500104	246	25,692	SH	SOLE	1	25,692	0	0
CALIFORNIA BANCORP INC	COM	13005U101	51	4,525	SH	SOLE	1	4,525	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,482	34,118	SH	SOLE	1	34,118	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	136	39,327	SH	SOLE	1	39,327	0	0
CALIX INC	COM	13100M509	560	31,474	SH	SOLE	1	31,474	0	0
CALLAWAY GOLF COMPANY	COM	131193104	1,236	64,555	SH	SOLE	1	64,555	0	0
CALLON PETROLEUM CO	COM	13123X508	18	3,670	SH	SOLE	1	3,670	0	0

CALYXT INC	COM	13173L107	34	6,181	SH	SOLE	1	6,181	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	56	3,337	SH	SOLE	1	3,337	0	0
CAMBRIDGE BANCORP	COM	132152109	202	3,807	SH	SOLE	1	3,807	0	0
CAMDEN NATIONAL CORP	COM	133034108	267	8,828	SH	SOLE	1	8,828	0	0
CAMDEN PROPERTY TRUST	COM	133131102	15,998	179,793	SH	SOLE	1	179,793	0	0
CAMPBELL SOUP CO	COM	134429109	13,807	285,446	SH	SOLE	1	285,446	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	584	19,620	SH	SOLE	1	19,620	0	0
CANNAE HOLDINGS INC	COM	13765N107	2,996	80,406	SH	SOLE	1	80,406	0	0
CANTEL MEDICAL CORP	COM	138098108	3,997	90,963	SH	SOLE	1	90,963	0	0
CAPITAL BANCORP INC/MD	COM	139737100	45	4,752	SH	SOLE	1	4,752	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	151	8,019	SH	SOLE	1	8,019	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	10,375	144,372	SH	SOLE	1	144,372	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	735	79,348	SH	SOLE	1	79,348	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	283	15,730	SH	SOLE	1	15,730	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	94	9,553	SH	SOLE	1	9,553	0	0
CAPSTEAD MORTGAGE CORP	COM	14067E506	370	65,915	SH	SOLE	1	65,915	0	0
CARA THERAPEUTICS INC	COM	140755109	313	24,614	SH	SOLE	1	24,614	0	0
CARDINAL HEALTH INC	COM	14149Y108	172,887	3,682,373	SH	SOLE	1	3,682,373	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	1,054	26,784	SH	SOLE	1	26,784	0	0
CARDLYTICS INC	COM	14161W105	1,104	15,650	SH	SOLE	1	15,650	0	0
CARDTRONICS PLC A	COM	G1991C105	491	24,806	SH	SOLE	1	24,806	0	0
CAREDX INC	COM	14167L103	1,086	28,631	SH	SOLE	1	28,631	0	0
CARETRUST REIT INC	COM	14174T107	1,295	72,768	SH	SOLE	1	72,768	0	0
CARGURUS INC	COM	141788109	1,117	51,651	SH	SOLE	1	51,651	0	0
CARLISLE COS INC	COM	142339100	12,241	100,034	SH	SOLE	1	100,034	0	0
CARLYLE GROUP INC/THE	COM	14316J108	41	1,660	SH	SOLE	1	1,660	0	0
CARMAX INC	COM	143130102	4,965	54,023	SH	SOLE	1	54,023	0	0
CARNIVAL CORP	COM	143658300	2,579	169,870	SH	SOLE	1	169,870	0	0
CARPARTS.COM INC	COM	14427M107	136	12,614	SH	SOLE	1	12,614	0	0
CARPENTER TECHNOLOGY	COM	144285103	596	32,823	SH	SOLE	1	32,823	0	0
CARRIAGE SERVICES INC	COM	143905107	220	9,851	SH	SOLE	1	9,851	0	0
CARRIER GLOBAL CORP	COM	14448C104	8,662	283,612	SH	SOLE	1	283,612	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	136	21,113	SH	SOLE	1	21,113	0	0
CARS.COM INC	COM	14575E105	326	40,346	SH	SOLE	1	40,346	0	0
CARTER BANK & TRUST	COM	146102108	90	13,553	SH	SOLE	1	13,553	0	0
CARTER S INC	COM	146229109	6,924	79,969	SH	SOLE	1	79,969	0	0
CARVANA CO	COM	146869102	319	1,430	SH	SOLE	1	1,430	0	0
CASA SYSTEMS INC	COM	14713L102	76	18,954	SH	SOLE	1	18,954	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	1,539	27,547	SH	SOLE	1	27,547	0	0
CASEY S GENERAL STORES INC	COM	147528103	12,018	67,647	SH	SOLE	1	67,647	0	0
CASI PHARMACEUTICALS INC	COM	14757U109	61	39,530	SH	SOLE	1	39,530	0	0
CASPER SLEEP INC	COM	147626105	109	15,133	SH	SOLE	1	15,133	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	343	8,511	SH	SOLE	1	8,511	0	0
CASSAVA SCIENCES INC	COM	14817C107	160	13,858	SH	SOLE	1	13,858	0	0

CASTLE BIOSCIENCES INC	COM	14843C105	361	7,014	SH	SOLE	1	7,014	0	0
CATABASIS PHARMACEUTICALS INC	COM	14875P206	71	11,502	SH	SOLE	1	11,502	0	0
CATALENT INC	COM	148806102	4,643	54,197	SH	SOLE	1	54,197	0	0
CATALYST BIOSCIENCES INC	COM	14888D208	57	13,189	SH	SOLE	1	13,189	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	172	58,039	SH	SOLE	1	58,039	0	0
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	260	29,146	SH	SOLE	1	29,146	0	0
CATERPILLAR INC	COM	149123101	239,715	1,607,207	SH	SOLE	1	1,607,207	0	0
CATHAY GENERAL BANCORP	COM	149150104	3,938	181,620	SH	SOLE	1	181,620	0	0
CATO CORP CLASS A	COM	149205106	114	14,627	SH	SOLE	1	14,627	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,133	6,283	SH	SOLE	1	6,283	0	0
CB FINANCIAL SERVICES INC	COM	12479G101	56	2,953	SH	SOLE	1	2,953	0	0
CBIZ INC	COM	124805102	697	30,488	SH	SOLE	1	30,488	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	3,636	41,444	SH	SOLE	1	41,444	0	0
CBRE GROUP INC A	COM	12504L109	5,201	110,730	SH	SOLE	1	110,730	0	0
CBTX INC	COM	12481V104	173	10,564	SH	SOLE	1	10,564	0	0
CDK GLOBAL INC	COM	12508E101	9,720	222,981	SH	SOLE	1	222,981	0	0
CDW CORP/DE	COM	12514G108	6,875	57,519	SH	SOLE	1	57,519	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	135	18,520	SH	SOLE	1	18,520	0	0
CEL SCI CORP	COM	150837607	257	20,174	SH	SOLE	1	20,174	0	0
CELANESE CORP	COM	150870103	5,050	46,995	SH	SOLE	1	46,995	0	0
CELLULAR BIOMEDICINE GROUP I	COM	15117P102	135	7,368	SH	SOLE	1	7,368	0	0
CELSIUS HOLDINGS INC	COM	15118V207	467	20,542	SH	SOLE	1	20,542	0	0
CENTENE CORP	COM	15135B101	14,094	241,626	SH	SOLE	1	241,626	0	0
CENTERPOINT ENERGY INC	COM	15189T107	3,460	178,816	SH	SOLE	1	178,816	0	0
CENTOGENE NV	COM	N1976T109	48	5,087	SH	SOLE	1	5,087	0	0
CENTRAL EUROPEAN MEDIA ENT A	COM	G20045202	223	53,263	SH	SOLE	1	53,263	0	0
CENTRAL GARDEN & PET CO	COM	153527106	266	6,671	SH	SOLE	1	6,671	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	984	27,215	SH	SOLE	1	27,215	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	258	19,011	SH	SOLE	1	19,011	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	78	6,322	SH	SOLE	1	6,322	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	248	34,830	SH	SOLE	1	34,830	0	0
CENTURY BANCORP INC CL A	CL A	156432106	110	1,671	SH	SOLE	1	1,671	0	0
CENTURY CASINOS INC	COM	156492100	89	16,196	SH	SOLE	1	16,196	0	0
CENTURY COMMUNITIES INC	COM	156504300	853	20,157	SH	SOLE	1	20,157	0	0
CERECOR INC	COM	15671L109	49	21,681	SH	SOLE	1	21,681	0	0
CERENCE INC	COM	156727109	1,074	21,981	SH	SOLE	1	21,981	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	19,724	238,648	SH	SOLE	1	238,648	0	0
CERNER CORP	COM	156782104	9,881	136,682	SH	SOLE	1	136,682	0	0
CERUS CORP	COM	157085101	615	98,183	SH	SOLE	1	98,183	0	0
CEVA INC	COM	157210105	592	15,029	SH	SOLE	1	15,029	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	2,242	73,015	SH	SOLE	1	73,015	0	0
CHAMPIONS ONCOLOGY INC	COM	15870P307	40	4,314	SH	SOLE	1	4,314	0	0

CHAMPIONX CORP	COM	15872M104	3,590	449,288	SH	SOLE	1	449,288	0	0
CHANGE HEALTHCARE INC	COM	15912K100	80	5,497	SH	SOLE	1	5,497	0	0
CHANNELADVISOR CORP	COM	159179100	239	16,496	SH	SOLE	1	16,496	0	0
CHARLES RIVER LABORATORIES	COM	159864107	20,746	91,616	SH	SOLE	1	91,616	0	0
CHART INDUSTRIES INC	COM	16115Q308	1,746	24,844	SH	SOLE	1	24,844	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	37,287	59,722	SH	SOLE	1	59,722	0	0
CHASE CORP	COM	16150R104	421	4,412	SH	SOLE	1	4,412	0	0
CHATHAM LODGING TRUST	COM	16208T102	244	32,054	SH	SOLE	1	32,054	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	3,337	27,732	SH	SOLE	1	27,732	0	0
CHECKMATE PHARMACEUTICALS IN	COM	162818108	35	3,019	SH	SOLE	1	3,019	0	0
CHECKPOINT THERAPEUTICS INC	COM	162828107	72	26,961	SH	SOLE	1	26,961	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	810	29,211	SH	SOLE	1	29,211	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	306	21,058	SH	SOLE	1	21,058	0	0
CHEGG INC	COM	163092109	226	3,167	SH	SOLE	1	3,167	0	0
CHEMBIO DIAGNOSTICS INC	COM	163572209	57	11,812	SH	SOLE	1	11,812	0	0
CHEMED CORP	COM	16359R103	14,111	29,376	SH	SOLE	1	29,376	0	0
CHEMOCENTRYX INC	COM	16383L106	1,625	29,652	SH	SOLE	1	29,652	0	0
CHEMOURS CO/THE	COM	163851108	6,295	301,026	SH	SOLE	1	301,026	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	62	2,152	SH	SOLE	1	2,152	0	0
CHENIERE ENERGY INC	COM	16411R208	280	6,054	SH	SOLE	1	6,054	0	0
CHERRY HILL MORTGAGE INVESTM	COM	164651101	82	9,088	SH	SOLE	1	9,088	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	942	11,178	SH	SOLE	1	11,178	0	0
CHEVRON CORP	COM	166764100	183,116	2,543,280	SH	SOLE	1	2,543,280	0	0
CHIASMA INC	COM	16706W102	129	29,962	SH	SOLE	1	29,962	0	0
CHICO S FAS INC	COM	168615102	80	82,142	SH	SOLE	1	82,142	0	0
CHILDREN S PLACE INC/THE	COM	168905107	278	9,804	SH	SOLE	1	9,804	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	941	114,792	SH	SOLE	1	114,792	0	0
CHIMERIX INC	COM	16934W106	72	28,935	SH	SOLE	1	28,935	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	11,943	9,603	SH	SOLE	1	9,603	0	0
CHOICE HOTELS INTL INC	COM	169905106	4,543	52,847	SH	SOLE	1	52,847	0	0
CHOICEONE FINANCIAL SVCS INC	COM	170386106	114	4,380	SH	SOLE	1	4,380	0	0
CHROMADEX CORP	COM	171077407	98	24,372	SH	SOLE	1	24,372	0	0
CHUBB LTD	COM	H1467J104	20,437	175,995	SH	SOLE	1	175,995	0	0
CHURCH & DWIGHT CO INC	COM	171340102	7,945	84,777	SH	SOLE	1	84,777	0	0
CHURCHILL DOWNS INC	COM	171484108	14,305	87,319	SH	SOLE	1	87,319	0	0
CHUY S HOLDINGS INC	COM	171604101	265	13,544	SH	SOLE	1	13,544	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	27	2,225	SH	SOLE	1	2,225	0	0
CIDARA THERAPEUTICS INC	COM	171757107	60	21,064	SH	SOLE	1	21,064	0	0
CIENA CORP	COM	171779309	11,177	281,606	SH	SOLE	1	281,606	0	0
CIGNA CORP	COM	125523100	19,668	116,095	SH	SOLE	1	116,095	0	0
CIM COMMERCIAL TRUST CORP	COM	125525584	66	6,731	SH	SOLE	1	6,731	0	0
CIMAREX ENERGY CO	COM	171798101	4,550	187,025	SH	SOLE	1	187,025	0	0

CIMPRESS PLC	SHS EURO	G2143T103	799	10,635	SH	SOLE	1	10,635	0	0
CINCINNATI BELL INC	COM	171871502	520	34,658	SH	SOLE	1	34,658	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	3,846	49,325	SH	SOLE	1	49,325	0	0
CINEMARK HOLDINGS INC	COM	17243V102	2,588	258,807	SH	SOLE	1	258,807	0	0
CINTAS CORP	COM	172908105	12,393	37,236	SH	SOLE	1	37,236	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	377	13,779	SH	SOLE	1	13,779	0	0
CIRRUS LOGIC INC	COM	172755100	7,219	107,030	SH	SOLE	1	107,030	0	0
CISCO SYSTEMS INC	COM	17275R102	232,350	5,898,703	SH	SOLE	1	5,898,703	0	0
CIT GROUP INC	COM	125581801	4,218	238,163	SH	SOLE	1	238,163	0	0
CITI TRENDS INC	COM	17306X102	149	5,946	SH	SOLE	1	5,946	0	0
CITIGROUP INC	COM	172967424	28,376	658,211	SH	SOLE	1	658,211	0	0
CITIZENS & NORTHERN CORP	COM	172922106	130	7,982	SH	SOLE	1	7,982	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	3,894	154,024	SH	SOLE	1	154,024	0	0
CITIZENS HOLDING COMPANY	COM	174715102	63	2,800	SH	SOLE	1	2,800	0	0
CITIZENS INC	COM	174740100	164	29,643	SH	SOLE	1	29,643	0	0
CITRIX SYSTEMS INC	COM	177376100	7,271	52,798	SH	SOLE	1	52,798	0	0
CITY HOLDING CO	COM	177835105	628	10,907	SH	SOLE	1	10,907	0	0
CITY OFFICE REIT INC	COM	178587101	193	25,603	SH	SOLE	1	25,603	0	0
CIVISTA BANCSHARES INC	COM	178867107	118	9,446	SH	SOLE	1	9,446	0	0
CLARUS CORP	COM	18270P109	197	13,965	SH	SOLE	1	13,965	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	193	77,712	SH	SOLE	1	77,712	0	0
CLEAN HARBORS INC	COM	184496107	5,257	93,825	SH	SOLE	1	93,825	0	0
CLEARFIELD INC	COM	18482P103	135	6,682	SH	SOLE	1	6,682	0	0
CLEARWATER PAPER CORP	COM	18538R103	423	11,149	SH	SOLE	1	11,149	0	0
CLEARWAY ENERGY INC A	COM	18539C105	515	20,856	SH	SOLE	1	20,856	0	0
CLEARWAY ENERGY INC C	COM	18539C204	1,306	48,447	SH	SOLE	1	48,447	0	0
CLEVELAND CLIFFS INC	COM	185899101	1,753	273,092	SH	SOLE	1	273,092	0	0
CLIPPER REALTY INC	COM	18885T306	137	22,671	SH	SOLE	1	22,671	0	0
CLOROX COMPANY	COM	189054109	9,629	45,816	SH	SOLE	1	45,816	0	0
CLOUDERA INC	COM	18914U100	1,334	122,499	SH	SOLE	1	122,499	0	0
CLOUDFLARE INC CLASS A	COM	18915M107	117	2,853	SH	SOLE	1	2,853	0	0
CLOVIS ONCOLOGY INC	COM	189464100	289	49,591	SH	SOLE	1	49,591	0	0
CME GROUP INC	COM	12572Q105	23,038	137,697	SH	SOLE	1	137,697	0	0
CMS ENERGY CORP	COM	125896100	7,578	123,403	SH	SOLE	1	123,403	0	0
CNA FINANCIAL CORP	COM	126117100	11	365	SH	SOLE	1	365	0	0
CNB FINANCIAL CORP/PA	COM	126128107	132	8,851	SH	SOLE	1	8,851	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	5,493	342,476	SH	SOLE	1	342,476	0	0
CNX RESOURCES CORP	COM	12653C108	5,114	541,754	SH	SOLE	1	541,754	0	0
CO DIAGNOSTICS INC	COM	189763105	216	15,875	SH	SOLE	1	15,875	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	67	5,435	SH	SOLE	1	5,435	0	0
COCA COLA CO/THE	COM	191216100	83,448	1,690,256	SH	SOLE	1	1,690,256	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	780	3,242	SH	SOLE	1	3,242	0	0
COCA COLA EUROPEAN PARTNERS	COM	G25839104	2,358	60,761	SH	SOLE	1	60,761	0	0
CODEXIS INC	COM	192005106	376	32,064	SH	SOLE	1	32,064	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	73	5,596	SH	SOLE	1	5,596	0	0
COEUR MINING INC	COM	192108504	1,069	144,811	SH	SOLE	1	144,811	0	0

COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,760	29,302	SH	SOLE	1	29,302	0	0
COGNEX CORP	COM	192422103	20,782	319,236	SH	SOLE	1	319,236	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	15,650	225,433	SH	SOLE	1	225,433	0	0
COHBAR INC	COM	19249J109	15	15,486	SH	SOLE	1	15,486	0	0
COHEN & STEERS INC	COM	19247A100	815	14,618	SH	SOLE	1	14,618	0	0
COHERENT INC	COM	192479103	4,961	44,720	SH	SOLE	1	44,720	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	742	40,429	SH	SOLE	1	40,429	0	0
COHU INC	COM	192576106	489	28,448	SH	SOLE	1	28,448	0	0
COLFAX CORP	COM	194014106	5,784	184,427	SH	SOLE	1	184,427	0	0
COLGATE PALMOLIVE CO	COM	194162103	35,440	459,364	SH	SOLE	1	459,364	0	0
COLLECTORS UNIVERSE	COM	19421R200	269	5,444	SH	SOLE	1	5,444	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	427	20,528	SH	SOLE	1	20,528	0	0
COLONY BANKCORP	COM	19623P101	50	4,617	SH	SOLE	1	4,617	0	0
COLONY CAPITAL INC	COM	19626G108	784	287,226	SH	SOLE	1	287,226	0	0
COLONY CREDIT REAL ESTATE IN	COM	19625T101	247	50,276	SH	SOLE	1	50,276	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	1,182	49,550	SH	SOLE	1	49,550	0	0
COLUMBIA FINANCIAL INC	COM	197641103	327	29,411	SH	SOLE	1	29,411	0	0
COLUMBIA PROPERTY TRUST INC	COM NEW	198287203	822	75,346	SH	SOLE	1	75,346	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	4,849	55,752	SH	SOLE	1	55,752	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	459	13,856	SH	SOLE	1	13,856	0	0
COMCAST CORP CLASS A	COM	20030N101	81,461	1,760,936	SH	SOLE	1	1,760,936	0	0
COMERICA INC	COM	200340107	1,751	45,772	SH	SOLE	1	45,772	0	0
COMFORT SYSTEMS USA INC	COM	199908104	1,280	24,853	SH	SOLE	1	24,853	0	0
COMMERCE BANCSHARES INC	COM	200525103	10,357	183,990	SH	SOLE	1	183,990	0	0
COMMERCIAL METALS CO	COM	201723103	5,751	287,819	SH	SOLE	1	287,819	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	24	2,674	SH	SOLE	1	2,674	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	1,992	36,574	SH	SOLE	1	36,574	0	0
COMMUNITY BANKERS TRUST CORP	COM	203612106	66	13,021	SH	SOLE	1	13,021	0	0
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	66	3,112	SH	SOLE	1	3,112	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	259	61,338	SH	SOLE	1	61,338	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	697	14,895	SH	SOLE	1	14,895	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	262	9,281	SH	SOLE	1	9,281	0	0
COMMVault SYSTEMS INC	COM	204166102	4,464	109,417	SH	SOLE	1	109,417	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	4,879	82,201	SH	SOLE	1	82,201	0	0
COMPUTER PROGRAMS & SYSTEMS	COM	205306103	244	8,851	SH	SOLE	1	8,851	0	0
COMPX INTERNATIONAL INC	COM	20563P101	15	990	SH	SOLE	1	990	0	0
COMSCORE INC	COM	20564W105	72	35,437	SH	SOLE	1	35,437	0	0
COMSTOCK RESOURCES INC	COM	205768302	64	14,606	SH	SOLE	1	14,606	0	0
COMTECH	COM	205826209	236	16,820	SH	SOLE	1	16,820	0	0

TELECOMMUNICATIONS											
CONAGRA BRANDS INC	COM	205887102	5,742	160,793	SH	SOLE	1	160,793	0	0	
CONCERT PHARMACEUTICALS INC	COM	206022105	168	17,103	SH	SOLE	1	17,103	0	0	
CONCHO RESOURCES INC	COM	20605P101	3,494	79,201	SH	SOLE	1	79,201	0	0	
CONCRETE PUMPING HOLDINGS IN	COM	206704108	57	16,017	SH	SOLE	1	16,017	0	0	
CONDUENT INC	COM	206787103	314	98,666	SH	SOLE	1	98,666	0	0	
CONMED CORP	COM	207410101	1,486	18,890	SH	SOLE	1	18,890	0	0	
CONN S INC	COM	208242107	129	12,216	SH	SOLE	1	12,216	0	0	
CONNECTONE BANCORP INC	COM	20786W107	312	22,167	SH	SOLE	1	22,167	0	0	
CONOCOPHILLIPS	COM	20825C104	14,195	432,254	SH	SOLE	1	432,254	0	0	
CONSOL ENERGY INC	COM	20854L108	80	17,944	SH	SOLE	1	17,944	0	0	
CONSOLIDATED COMMUNICATIONS	COM	209034107	286	50,251	SH	SOLE	1	50,251	0	0	
CONSOLIDATED EDISON INC	COM	209115104	13,604	174,853	SH	SOLE	1	174,853	0	0	
CONSOLIDATED WATER CO ORD SH	COM	G23773107	90	8,666	SH	SOLE	1	8,666	0	0	
CONSTELLATION BRANDS INC A	COM	21036P108	10,067	53,121	SH	SOLE	1	53,121	0	0	
CONSTELLATION PHARMACEUTICAL	COM	210373106	372	18,354	SH	SOLE	1	18,354	0	0	
CONSTRUCTION PARTNERS INC A	COM	21044C107	287	15,751	SH	SOLE	1	15,751	0	0	
CONTAINER STORE GROUP INC/TH	COM	210751103	73	11,687	SH	SOLE	1	11,687	0	0	
CONTANGO OIL & GAS	COM	21075N204	73	54,729	SH	SOLE	1	54,729	0	0	
CONTINENTAL RESOURCES INC/OK	COM	212015101	12	974	SH	SOLE	1	974	0	0	
CONTRAFECT CORP	COM	212326300	77	14,616	SH	SOLE	1	14,616	0	0	
COOPER COS INC/THE	COM	216648402	6,570	19,487	SH	SOLE	1	19,487	0	0	
COOPER STANDARD HOLDING	COM	21676P103	153	11,571	SH	SOLE	1	11,571	0	0	
COOPER TIRE & RUBBER	COM	216831107	1,103	34,789	SH	SOLE	1	34,789	0	0	
COPA HOLDINGS SA CLASS A	COM	P31076105	21	408	SH	SOLE	1	408	0	0	
COPART INC	COM	217204106	8,930	84,921	SH	SOLE	1	84,921	0	0	
CORBUS PHARMACEUTICALS HOLDI	COM	21833P103	80	44,659	SH	SOLE	1	44,659	0	0	
CORCEPT THERAPEUTICS INC	COM	218352102	1,166	67,006	SH	SOLE	1	67,006	0	0	
CORE LABORATORIES N.V.	COM	N22717107	63	4,107	SH	SOLE	1	4,107	0	0	
CORE MARK HOLDING CO INC	COM	218681104	893	30,876	SH	SOLE	1	30,876	0	0	
CORECIVIC INC	COM	21871N101	661	82,578	SH	SOLE	1	82,578	0	0	
CORELOGIC INC	COM	21871D103	9,859	145,692	SH	SOLE	1	145,692	0	0	
COREENERGY INFRASTRUCTURE TRU	COM	21870U502	48	8,207	SH	SOLE	1	8,207	0	0	
COREPOINT LODGING INC	COM	21872L104	128	23,478	SH	SOLE	1	23,478	0	0	
CORESITE REALTY CORP	COM	21870Q105	9,454	79,522	SH	SOLE	1	79,522	0	0	
CORMEDIX INC	COM	21900C308	111	18,451	SH	SOLE	1	18,451	0	0	
CORNERSTONE BUILDING BRANDS	COM	21925D109	209	26,147	SH	SOLE	1	26,147	0	0	
CORNERSTONE ONDEMAND INC	COM	21925Y103	1,318	36,256	SH	SOLE	1	36,256	0	0	
CORNING INC	COM	219350105	8,460	261,018	SH	SOLE	1	261,018	0	0	
CORPORATE OFFICE PROPERTIES	COM	22002T108	4,877	205,623	SH	SOLE	1	205,623	0	0	

CORTEVA INC	COM	22052L104	7,100	246,450	SH	SOLE	1	246,450	0	0
CORTEXYME INC	COM	22053A107	470	9,406	SH	SOLE	1	9,406	0	0
CORVEL CORP	COM	221006109	525	6,148	SH	SOLE	1	6,148	0	0
COSTAMARE INC	COM	Y1771G102	180	29,678	SH	SOLE	1	29,678	0	0
COSTAR GROUP INC	COM	22160N109	866	1,020	SH	SOLE	1	1,020	0	0
COSTCO WHOLESALE CORP	COM	22160K105	59,041	166,312	SH	SOLE	1	166,312	0	0
COTY INC CL A	CL A	222070203	1,453	538,084	SH	SOLE	1	538,084	0	0
COUNTY BANCORP INC	COM	221907108	55	2,932	SH	SOLE	1	2,932	0	0
COUPA SOFTWARE INC	COM	22266L106	477	1,738	SH	SOLE	1	1,738	0	0
COUSINS PROPERTIES INC	COM	222795502	10,736	375,503	SH	SOLE	1	375,503	0	0
COVANTA HOLDING CORP	COM	22282E102	550	70,903	SH	SOLE	1	70,903	0	0
COVENANT LOGISTICS GROUP INC	CL A	22284P105	122	6,966	SH	SOLE	1	6,966	0	0
COVETRUS INC	COM	22304C100	1,653	67,750	SH	SOLE	1	67,750	0	0
COWEN INC A	COM	223622606	260	15,977	SH	SOLE	1	15,977	0	0
CRA INTERNATIONAL INC	COM	12618T105	169	4,506	SH	SOLE	1	4,506	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	6,570	57,299	SH	SOLE	1	57,299	0	0
CRAFT BREW ALLIANCE INC	COM	224122101	114	6,882	SH	SOLE	1	6,882	0	0
CRANE CO	COM	224399105	4,532	90,395	SH	SOLE	1	90,395	0	0
CRAWFORD & COMPANY CL A	CL A	224633206	64	9,722	SH	SOLE	1	9,722	0	0
CREDICORP LTD	COM	G2519Y108	113	907	SH	SOLE	1	907	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	46	137	SH	SOLE	1	137	0	0
CREE INC	COM	225447101	12,813	201,018	SH	SOLE	1	201,018	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	254	16,181	SH	SOLE	1	16,181	0	0
CROCS INC	COM	227046109	1,972	46,156	SH	SOLE	1	46,156	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	160	24,633	SH	SOLE	1	24,633	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	249	28,662	SH	SOLE	1	28,662	0	0
CROWDSTRIKE HOLDINGS INC A	CL A	22788C105	470	3,424	SH	SOLE	1	3,424	0	0
CROWN CASTLE INTL CORP	COM	22822V101	25,808	155,001	SH	SOLE	1	155,001	0	0
CROWN HOLDINGS INC	COM	228368106	143	1,864	SH	SOLE	1	1,864	0	0
CRYOLIFE INC	COM	228903100	471	25,513	SH	SOLE	1	25,513	0	0
CRYOPORT INC	COM	229050307	968	20,414	SH	SOLE	1	20,414	0	0
CSG SYSTEMS INTL INC	COM	126349109	926	22,608	SH	SOLE	1	22,608	0	0
CSW INDUSTRIALS INC	COM	126402106	632	8,187	SH	SOLE	1	8,187	0	0
CSX CORP	COM	126408103	25,151	323,819	SH	SOLE	1	323,819	0	0
CTO REALTY GROWTH INC	COM	22948P103	123	2,788	SH	SOLE	1	2,788	0	0
CTS CORP	COM	126501105	485	22,020	SH	SOLE	1	22,020	0	0
CUBESMART	COM	229663109	230	7,106	SH	SOLE	1	7,106	0	0
CUBIC CORP	COM	229669106	1,261	21,679	SH	SOLE	1	21,679	0	0
CUE BIOPHARMA INC	COM	22978P106	259	17,205	SH	SOLE	1	17,205	0	0
CULLEN/FROST BANKERS INC	COM	229899109	6,541	102,286	SH	SOLE	1	102,286	0	0
CUMMINS INC	COM	231021106	247,488	1,172,041	SH	SOLE	1	1,172,041	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	77	10,942	SH	SOLE	1	10,942	0	0
CURTISS WRIGHT CORP	COM	231561101	7,107	76,207	SH	SOLE	1	76,207	0	0
CUSHMAN & WAKEFIELD PLC	COM	G2717B108	695	66,094	SH	SOLE	1	66,094	0	0
CUSTOMERS BANCORP INC	COM	23204G100	222	19,831	SH	SOLE	1	19,831	0	0

CUTERA INC	COM	232109108	227	11,963	SH	SOLE	1	11,963	0	0
CVB FINANCIAL CORP	COM	126600105	1,481	89,061	SH	SOLE	1	89,061	0	0
CVR ENERGY INC	COM	12662P108	219	17,703	SH	SOLE	1	17,703	0	0
CVS HEALTH CORP	COM	126650100	26,658	456,478	SH	SOLE	1	456,478	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	548	5,294	SH	SOLE	1	5,294	0	0
CYBEROPTICS CORP	COM	232517102	135	4,248	SH	SOLE	1	4,248	0	0
CYCLERION THERAPEUTICS INC	COM	23255M105	81	13,244	SH	SOLE	1	13,244	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	300	41,420	SH	SOLE	1	41,420	0	0
CYRUSONE INC	COM	23283R100	15,160	216,475	SH	SOLE	1	216,475	0	0
CYTOKINETICS INC	COM	23282W605	1,000	46,190	SH	SOLE	1	46,190	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	180	26,996	SH	SOLE	1	26,996	0	0
CYTOSORBENTS CORP	COM	23283X206	196	24,564	SH	SOLE	1	24,564	0	0
DAILY JOURNAL CORP	COM	233912104	164	679	SH	SOLE	1	679	0	0
DAKTRONICS INC	COM	234264109	100	25,236	SH	SOLE	1	25,236	0	0
DANA INC	COM	235825205	4,306	349,473	SH	SOLE	1	349,473	0	0
DANAHER CORP	COM	235851102	55,653	258,453	SH	SOLE	1	258,453	0	0
DARDEN RESTAURANTS INC	COM	237194105	4,321	42,890	SH	SOLE	1	42,890	0	0
DARLING INGREDIENTS INC	COM	237266101	14,087	390,975	SH	SOLE	1	390,975	0	0
DASEKE INC	COM	23753F107	146	27,242	SH	SOLE	1	27,242	0	0
DATADOG INC CLASS A	COM	23804L103	408	3,989	SH	SOLE	1	3,989	0	0
DAVE & BUSTER S ENTERTAINMEN	COM	238337109	467	30,804	SH	SOLE	1	30,804	0	0
DAVITA INC	COM	23918K108	3,895	45,475	SH	SOLE	1	45,475	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	1,148	22,371	SH	SOLE	1	22,371	0	0
DECKERS OUTDOOR CORP	COM	243537107	14,902	67,733	SH	SOLE	1	67,733	0	0
DEERE & CO	COM	244199105	26,126	117,882	SH	SOLE	1	117,882	0	0
DEL TACO RESTAURANTS INC	COM	245496104	146	17,834	SH	SOLE	1	17,834	0	0
DELEK US HOLDINGS INC	COM	24665A103	416	37,363	SH	SOLE	1	37,363	0	0
DELPHI TECHNOLOGIES PLC	COM	G2709G107	2,626	157,147	SH	SOLE	1	157,147	0	0
DELTA AIR LINES INC	COM	247361702	9,152	299,265	SH	SOLE	1	299,265	0	0
DELUXE CORP	COM	248019101	1,270	49,352	SH	SOLE	1	49,352	0	0
DENALI THERAPEUTICS INC	COM	24823R105	1,347	37,603	SH	SOLE	1	37,603	0	0
DENNY S CORP	COM	24869P104	371	37,143	SH	SOLE	1	37,143	0	0
DENTSPLY SIRONA INC	COM	24906P109	3,672	83,973	SH	SOLE	1	83,973	0	0
DERMTECH INC	COM	24984K105	58	4,844	SH	SOLE	1	4,844	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	230	42,296	SH	SOLE	1	42,296	0	0
DEVON ENERGY CORP	COM	25179M103	1,455	153,832	SH	SOLE	1	153,832	0	0
DEXCOM INC	COM	252131107	16,714	40,544	SH	SOLE	1	40,544	0	0
DHI GROUP INC	COM	23331S100	66	29,063	SH	SOLE	1	29,063	0	0
DHT HOLDINGS INC	COM	Y2065G121	344	66,668	SH	SOLE	1	66,668	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	234	1,855	SH	SOLE	1	1,855	0	0
DIAMOND S SHIPPING INC	COM	Y20676105	112	16,363	SH	SOLE	1	16,363	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	1,890	62,740	SH	SOLE	1	62,740	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	764	150,610	SH	SOLE	1	150,610	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	699	38,847	SH	SOLE	1	38,847	0	0

DICK S SPORTING GOODS INC	COM	253393102	6,909	119,363	SH	SOLE	1	119,363	0	0
DIEBOLD NIXDORF INC	COM	253651103	376	49,149	SH	SOLE	1	49,149	0	0
DIGI INTERNATIONAL INC	COM	253798102	310	19,832	SH	SOLE	1	19,832	0	0
DIGIMARC CORP	COM	25381B101	160	7,147	SH	SOLE	1	7,147	0	0
DIGITAL REALTY TRUST INC	COM	253868103	13,505	92,024	SH	SOLE	1	92,024	0	0
DIGITAL TURBINE INC	COM	25400W102	1,613	49,253	SH	SOLE	1	49,253	0	0
DILLARDS INC CL A	CL A	254067101	165	4,513	SH	SOLE	1	4,513	0	0
DIME COMMUNITY BANCSHARES	COM	253922108	224	19,766	SH	SOLE	1	19,766	0	0
DINE BRANDS GLOBAL INC	COM	254423106	591	10,823	SH	SOLE	1	10,823	0	0
DIODES INC	COM	254543101	1,649	29,218	SH	SOLE	1	29,218	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	5,841	101,088	SH	SOLE	1	101,088	0	0
DISCOVERY INC A	COM	25470F104	2,726	125,235	SH	SOLE	1	125,235	0	0
DISCOVERY INC C	COM	25470F302	2,001	102,113	SH	SOLE	1	102,113	0	0
DISH NETWORK CORP A	COM	25470M109	3,592	123,718	SH	SOLE	1	123,718	0	0
DIVERSIFIED HEALTHCARE TRUST	COM SH BEN INT	25525P107	577	163,806	SH	SOLE	1	163,806	0	0
DMC GLOBAL INC	COM	23291C103	331	10,061	SH	SOLE	1	10,061	0	0
DOCUSIGN INC	COM	256163106	3,388	15,739	SH	SOLE	1	15,739	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	61	918	SH	SOLE	1	918	0	0
DOLLAR GENERAL CORP	COM	256677105	19,388	92,491	SH	SOLE	1	92,491	0	0
DOLLAR TREE INC	COM	256746108	8,564	93,763	SH	SOLE	1	93,763	0	0
DOMINION ENERGY INC	COM	25746U109	22,749	288,213	SH	SOLE	1	288,213	0	0
DOMINO S PIZZA INC	COM	25754A201	6,187	14,548	SH	SOLE	1	14,548	0	0
DOMO INC CLASS B	COM	257554105	584	15,243	SH	SOLE	1	15,243	0	0
DOMTAR CORP	COM	257559203	3,502	133,309	SH	SOLE	1	133,309	0	0
DONALDSON CO INC	COM	257651109	10,740	231,366	SH	SOLE	1	231,366	0	0
DONEGAL GROUP INC CL A	CL A	257701201	92	6,537	SH	SOLE	1	6,537	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	277	20,740	SH	SOLE	1	20,740	0	0
DORIAN LPG LTD	COM	Y2106R110	206	25,664	SH	SOLE	1	25,664	0	0
DORMAN PRODUCTS INC	COM	258278100	1,681	18,594	SH	SOLE	1	18,594	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	461	13,482	SH	SOLE	1	13,482	0	0
DOUGLAS EMMETT INC	COM	25960P109	7,666	305,429	SH	SOLE	1	305,429	0	0
DOVER CORP	COM	260003108	5,145	47,487	SH	SOLE	1	47,487	0	0
DOW INC	COM	260557103	214,392	4,556,683	SH	SOLE	1	4,556,683	0	0
DR HORTON INC	COM	23331A109	8,268	109,323	SH	SOLE	1	109,323	0	0
DRIL QUIP INC	COM	262037104	598	24,131	SH	SOLE	1	24,131	0	0
DROPBOX INC CLASS A	COM	26210C104	124	6,421	SH	SOLE	1	6,421	0	0
DSP GROUP INC	COM	23332B106	202	15,300	SH	SOLE	1	15,300	0	0
DTE ENERGY COMPANY	COM	233331107	7,295	63,413	SH	SOLE	1	63,413	0	0
DUCK CREEK TECHNOLOGIES INC	SHS	264120106	16	342	SH	SOLE	1	342	0	0
DUCOMMUN INC	COM	264147109	212	6,439	SH	SOLE	1	6,439	0	0
DUKE ENERGY CORP	COM	26441C204	20,592	232,517	SH	SOLE	1	232,517	0	0
DUKE REALTY CORP	COM	264411505	4,659	126,259	SH	SOLE	1	126,259	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	81	6,618	SH	SOLE	1	6,618	0	0
DUN & BRADSTREET HOLDINGS IN	COM	26484T106	43	1,671	SH	SOLE	1	1,671	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	13,508	164,917	SH	SOLE	1	164,917	0	0
DUPONT DE NEMOURS INC	COM	26614N102	15,550	280,280	SH	SOLE	1	280,280	0	0

DURECT CORPORATION	COM	266605104	207	121,091	SH	SOLE	1	121,091	0	0
DXC TECHNOLOGY CO	COM	23355L106	1,990	111,467	SH	SOLE	1	111,467	0	0
DXP ENTERPRISES INC	COM	233377407	183	11,319	SH	SOLE	1	11,319	0	0
DYADIC INTERNATIONAL INC	COM	26745T101	87	11,531	SH	SOLE	1	11,531	0	0
DYCOM INDUSTRIES INC	COM	267475101	4,030	76,300	SH	SOLE	1	76,300	0	0
DYNATRACE INC	COM	268150109	196	4,786	SH	SOLE	1	4,786	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	275	63,535	SH	SOLE	1	63,535	0	0
DYNEX CAPITAL INC	COM	26817Q886	201	13,237	SH	SOLE	1	13,237	0	0
DZS INC	COM	268211109	67	7,196	SH	SOLE	1	7,196	0	0
E TRADE FINANCIAL CORP	COM	269246401	4,075	81,415	SH	SOLE	1	81,415	0	0
EAGLE BANCORP INC	COM	268948106	592	22,113	SH	SOLE	1	22,113	0	0
EAGLE BANCORP MONTANA INC	COM	26942G100	66	3,765	SH	SOLE	1	3,765	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A150	62	3,775	SH	SOLE	1	3,775	0	0
EAGLE MATERIALS INC	COM	26969P108	6,606	76,531	SH	SOLE	1	76,531	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	325	7,639	SH	SOLE	1	7,639	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	36	13,915	SH	SOLE	1	13,915	0	0
EAST WEST BANCORP INC	COM	27579R104	8,490	259,327	SH	SOLE	1	259,327	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	1,374	61,312	SH	SOLE	1	61,312	0	0
EASTERN CO/THE	COM	276317104	63	3,223	SH	SOLE	1	3,223	0	0
EASTGROUP PROPERTIES INC	COM	277276101	12,247	94,696	SH	SOLE	1	94,696	0	0
EASTMAN CHEMICAL CO	COM	277432100	4,274	54,710	SH	SOLE	1	54,710	0	0
EASTMAN KODAK CO	COM	277461406	81	9,211	SH	SOLE	1	9,211	0	0
EATON CORP PLC	COM	G29183103	30,322	297,182	SH	SOLE	1	297,182	0	0
EATON VANCE CORP	COM	278265103	7,982	209,225	SH	SOLE	1	209,225	0	0
EBAY INC	COM	278642103	17,815	341,945	SH	SOLE	1	341,945	0	0
EBIX INC	COM	278715206	370	17,939	SH	SOLE	1	17,939	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	467	18,124	SH	SOLE	1	18,124	0	0
ECHOSTAR CORP A	COM	278768106	16	626	SH	SOLE	1	626	0	0
ECOLAB INC	COM	278865100	18,880	94,473	SH	SOLE	1	94,473	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	3,667	131,519	SH	SOLE	1	131,519	0	0
EDISON INTERNATIONAL	COM	281020107	6,317	124,242	SH	SOLE	1	124,242	0	0
EDITAS MEDICINE INC	COM	28106W103	1,054	37,556	SH	SOLE	1	37,556	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	15,747	197,276	SH	SOLE	1	197,276	0	0
EGAIN CORP	COM	28225C806	177	12,460	SH	SOLE	1	12,460	0	0
EHEALTH INC	COM	28238P109	1,392	17,620	SH	SOLE	1	17,620	0	0
EIDOS THERAPEUTICS I	COM	28249H104	9,534	200,000	SH	SOLE	2	200,000	0	0
EIDOS THERAPEUTICS INC	COM	28249H104	330	6,539	SH	SOLE	1	6,539	0	0
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	134	16,443	SH	SOLE	1	16,443	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	206	12,692	SH	SOLE	1	12,692	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	146	5,208	SH	SOLE	1	5,208	0	0
ELASTIC NV	COM	N14506104	184	1,706	SH	SOLE	1	1,706	0	0
ELECTROMED INC	COM	285409108	43	4,160	SH	SOLE	1	4,160	0	0

ELECTRONIC ARTS INC	COM	285512109	15,378	117,921	SH	SOLE	1	117,921	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	30	2,827	SH	SOLE	1	2,827	0	0
ELF BEAUTY INC	COM	26856L103	497	27,044	SH	SOLE	1	27,044	0	0
ELI LILLY & CO	COM	532457108	37,225	251,487	SH	SOLE	1	251,487	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	303	24,679	SH	SOLE	1	24,679	0	0
ELLINGTON RESIDENTIAL MORTGA	COM SH BEN INT	288578107	60	5,390	SH	SOLE	1	5,390	0	0
ELOXX PHARMACEUTICALS INC	COM	29014R103	42	15,934	SH	SOLE	1	15,934	0	0
EMCOR GROUP INC	COM	29084Q100	10,431	154,059	SH	SOLE	1	154,059	0	0
EMERALD HOLDING INC	COM	29103W104	30	14,616	SH	SOLE	1	14,616	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	11,218	108,565	SH	SOLE	1	108,565	0	0
EMERSON ELECTRIC CO	COM	291011104	218,464	3,331,773	SH	SOLE	1	3,331,773	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	73	11,966	SH	SOLE	1	11,966	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	602	19,912	SH	SOLE	1	19,912	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	597	13,037	SH	SOLE	1	13,037	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	11,882	182,848	SH	SOLE	1	182,848	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	832	21,558	SH	SOLE	1	21,558	0	0
ENCORE WIRE CORP	COM	292562105	654	14,092	SH	SOLE	1	14,092	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	517	156,669	SH	SOLE	1	156,669	0	0
ENDURANCE INTERNATIONAL GROU	COM	29272B105	227	39,542	SH	SOLE	1	39,542	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	4,205	107,443	SH	SOLE	1	107,443	0	0
ENERGY FUELS INC	COM	292671708	125	74,517	SH	SOLE	1	74,517	0	0
ENERGY RECOVERY INC	COM	29270J100	197	24,005	SH	SOLE	1	24,005	0	0
ENERPAC TOOL GROUP CORP	CL A	292765104	714	37,933	SH	SOLE	1	37,933	0	0
ENERSYS	COM	29275Y102	6,895	102,731	SH	SOLE	1	102,731	0	0
ENNIS INC	COM	293389102	267	15,323	SH	SOLE	1	15,323	0	0
ENOCHIAN BIOSCIENCES INC	COM	29350E104	30	8,248	SH	SOLE	1	8,248	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	333	20,339	SH	SOLE	1	20,339	0	0
ENPHASE ENERGY INC	COM	29355A107	19,168	232,083	SH	SOLE	1	232,083	0	0
ENPRO INDUSTRIES INC	COM	29355X107	805	14,273	SH	SOLE	1	14,273	0	0
ENSIGN GROUP INC/THE	COM	29358P101	2,012	35,253	SH	SOLE	1	35,253	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,162	7,195	SH	SOLE	1	7,195	0	0
ENTEGRIS INC	COM	29362U104	252	3,393	SH	SOLE	1	3,393	0	0
ENTERCOM COMMUNICATIONS CL A	CL A	293639100	113	70,130	SH	SOLE	1	70,130	0	0
ENTERGY CORP	COM	29364G103	6,495	65,917	SH	SOLE	1	65,917	0	0
ENTERPRISE BANCORP INC	COM	293668109	113	5,372	SH	SOLE	1	5,372	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	392	14,382	SH	SOLE	1	14,382	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	54	35,177	SH	SOLE	1	35,177	0	0
ENVELA CORP	COM	29402E102	20	4,620	SH	SOLE	1	4,620	0	0
ENVESTNET INC	COM	29404K106	2,450	31,752	SH	SOLE	1	31,752	0	0
ENVISTA HOLDINGS CORP	COM	29415F104	51	2,079	SH	SOLE	1	2,079	0	0
ENZO BIOCHEM INC	COM	294100102	56	26,563	SH	SOLE	1	26,563	0	0
EOG RESOURCES INC	COM	26875P101	9,249	257,342	SH	SOLE	1	257,342	0	0

EPAM SYSTEMS INC	COM	29414B104	450	1,391	SH	SOLE	1	1,391	0	0
EPIZYME INC	COM	29428V104	636	53,338	SH	SOLE	1	53,338	0	0
EPLUS INC	COM	294268107	673	9,198	SH	SOLE	1	9,198	0	0
EPR PROPERTIES	COM	26884U109	3,816	138,778	SH	SOLE	1	138,778	0	0
EQT CORP	COM	26884L109	6,058	468,490	SH	SOLE	1	468,490	0	0
EQUIFAX INC	COM	294429105	6,470	41,239	SH	SOLE	1	41,239	0	0
EQUINIX INC	COM	29444U700	23,552	30,984	SH	SOLE	1	30,984	0	0
EQUITABLE HOLDINGS INC	COM	29452E101	97	5,297	SH	SOLE	1	5,297	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	6,308	745,634	SH	SOLE	1	745,634	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	135	8,680	SH	SOLE	1	8,680	0	0
EQUITY COMMONWEALTH	COM	294628102	41	1,520	SH	SOLE	1	1,520	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	318	5,182	SH	SOLE	1	5,182	0	0
EQUITY RESIDENTIAL	COM	29476L107	6,273	122,206	SH	SOLE	1	122,206	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	109	516	SH	SOLE	1	516	0	0
EROS STX GLOBAL CORP	SHS	G3788M114	200	90,386	SH	SOLE	1	90,386	0	0
ESCALADE INC	COM	296056104	113	6,173	SH	SOLE	1	6,173	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,427	17,707	SH	SOLE	1	17,707	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	575	15,480	SH	SOLE	1	15,480	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	60	4,029	SH	SOLE	1	4,029	0	0
ESSA BANCORP INC	COM	29667D104	67	5,438	SH	SOLE	1	5,438	0	0
ESSENT GROUP LTD	COM	G3198U102	10,992	297,007	SH	SOLE	1	297,007	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	1,185	64,665	SH	SOLE	1	64,665	0	0
ESSENTIAL UTILITIES INC	COM	29670G102	16,459	408,915	SH	SOLE	1	408,915	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	4,318	21,505	SH	SOLE	1	21,505	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	18,640	85,406	SH	SOLE	1	85,406	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	211	15,549	SH	SOLE	1	15,549	0	0
ETON PHARMACEUTICALS INC	COM	29772L108	70	8,816	SH	SOLE	1	8,816	0	0
ETSY INC	COM	29786A106	4,981	40,949	SH	SOLE	1	40,949	0	0
EURONET WORLDWIDE INC	COM	298736109	60	655	SH	SOLE	1	655	0	0
EVANS BANCORP INC	COM	29911Q208	63	2,848	SH	SOLE	1	2,848	0	0
EVELO BIOSCIENCES INC	COM	299734103	63	11,955	SH	SOLE	1	11,955	0	0
EVENTBRITE INC CLASS A	COM	29975E109	412	37,988	SH	SOLE	1	37,988	0	0
EVERBRIDGE INC	COM	29978A104	113	897	SH	SOLE	1	897	0	0
EVERCORE INC A	COM	29977A105	4,869	74,386	SH	SOLE	1	74,386	0	0
EVEREST RE GROUP LTD	COM	G3223R108	2,598	13,150	SH	SOLE	1	13,150	0	0
EVERGY INC	COM	30034W106	3,794	74,664	SH	SOLE	1	74,664	0	0
EVERI HOLDINGS INC	COM	30034T103	405	49,104	SH	SOLE	1	49,104	0	0
EVERQUOTE INC CLASS A	COM	30041R108	324	8,387	SH	SOLE	1	8,387	0	0
EVERSOURCE ENERGY	COM	30040W108	12,903	154,429	SH	SOLE	1	154,429	0	0
EVERTEC INC	COM	30040P103	1,441	41,511	SH	SOLE	1	41,511	0	0
EVI INDUSTRIES INC	COM	26929N102	77	2,901	SH	SOLE	1	2,901	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	606	24,385	SH	SOLE	1	24,385	0	0

EVOFEM BIOSCIENCES INC	COM	30048L104	108	45,854	SH	SOLE	1	45,854	0	0
EVOLENT HEALTH INC A	COM	30050B101	560	45,147	SH	SOLE	1	45,147	0	0
EVOLUS INC	COM	30052C107	51	13,019	SH	SOLE	1	13,019	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	38	16,908	SH	SOLE	1	16,908	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	1,159	54,607	SH	SOLE	1	54,607	0	0
EW SCRIPPS CO/THE A	COM	811054402	444	38,788	SH	SOLE	1	38,788	0	0
EXACT SCIENCES CORP	COM	30063P105	371	3,634	SH	SOLE	1	3,634	0	0
EXAGEN INC	COM	30068X103	31	2,855	SH	SOLE	1	2,855	0	0
EXELIXIS INC	COM	30161Q104	13,881	567,745	SH	SOLE	1	567,745	0	0
EXELON CORP	COM	30161N101	13,103	366,422	SH	SOLE	1	366,422	0	0
EXICURE INC	COM	30205M101	62	35,462	SH	SOLE	1	35,462	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	1,533	23,240	SH	SOLE	1	23,240	0	0
EXONE CO/THE	COM	302104104	84	6,905	SH	SOLE	1	6,905	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	588	14,568	SH	SOLE	1	14,568	0	0
EXPEDIA GROUP INC	COM	30212P303	5,845	63,748	SH	SOLE	1	63,748	0	0
EXPEDITORS INTL WASH INC	COM	302130109	5,124	56,606	SH	SOLE	1	56,606	0	0
EXPONENT INC	COM	30214U102	2,556	35,478	SH	SOLE	1	35,478	0	0
EXPRESS INC	COM	30219E103	23	38,022	SH	SOLE	1	38,022	0	0
EXTENDED STAY AMERICA INC	COM UNIT	30224P200	28	2,305	SH	SOLE	1	2,305	0	0
EXTERRAN CORP	COM	30227H106	74	17,878	SH	SOLE	1	17,878	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	4,820	45,055	SH	SOLE	1	45,055	0	0
EXTREME NETWORKS INC	COM	30226D106	330	82,184	SH	SOLE	1	82,184	0	0
EXXON MOBIL CORP	COM	30231G102	154,388	4,497,162	SH	SOLE	1	4,497,162	0	0
EZCORP INC CL A	CL A	302301106	168	33,435	SH	SOLE	1	33,435	0	0
F5 NETWORKS INC	COM	315616102	2,472	20,134	SH	SOLE	1	20,134	0	0
FABRINET	COM	G3323L100	1,598	25,350	SH	SOLE	1	25,350	0	0
FACEBOOK INC CLASS A	COM	30303M102	229,336	875,661	SH	SOLE	1	875,661	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	23,480	70,115	SH	SOLE	1	70,115	0	0
FAIR ISAAC CORP	COM	303250104	22,761	53,507	SH	SOLE	1	53,507	0	0
FALCON MINERALS CORP	COM	30607B109	56	22,836	SH	SOLE	1	22,836	0	0
FARMER BROS CO	COM	307675108	43	9,607	SH	SOLE	1	9,607	0	0
FARMERS & MERCHANTS BANCO/OH	COM	30779N105	121	6,050	SH	SOLE	1	6,050	0	0
FARMERS NATL BANC CORP	COM	309627107	169	15,517	SH	SOLE	1	15,517	0	0
FARMLAND PARTNERS INC	COM	31154R109	104	15,616	SH	SOLE	1	15,616	0	0
FARO TECHNOLOGIES INC	COM	311642102	747	12,255	SH	SOLE	1	12,255	0	0
FASTENAL CO	COM	311900104	12,431	275,696	SH	SOLE	1	275,696	0	0
FASTLY INC CLASS A	CL A	31188V100	193	2,063	SH	SOLE	1	2,063	0	0
FATE THERAPEUTICS INC	COM	31189P102	1,712	42,835	SH	SOLE	1	42,835	0	0
FATHOM HOLDINGS INC	COM	31189V109	45	2,858	SH	SOLE	1	2,858	0	0
FB FINANCIAL CORP	COM	30257X104	539	21,439	SH	SOLE	1	21,439	0	0
FBL FINANCIAL GROUP INC CL A	CL A	30239F106	277	5,745	SH	SOLE	1	5,745	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	346	5,438	SH	SOLE	1	5,438	0	0
FEDERAL REALTY INVS TRUST	COM	313747206	1,673	22,774	SH	SOLE	1	22,774	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,210	41,357	SH	SOLE	1	41,357	0	0

FEDERATED HERMES INC	CL B	314211103	4,968	230,969	SH	SOLE	1	230,969	0	0
FEDEX CORP	COM	31428X106	19,168	76,208	SH	SOLE	1	76,208	0	0
FEDNAT HOLDING CO	COM	31431B109	47	7,383	SH	SOLE	1	7,383	0	0
FENNEC PHARMACEUTICALS INC	COM	31447P100	78	12,785	SH	SOLE	1	12,785	0	0
FERRO CORP	COM	315405100	701	56,551	SH	SOLE	1	56,551	0	0
FIBROGEN INC	COM	31572Q808	2,072	50,378	SH	SOLE	1	50,378	0	0
FIDELITY D&D BANCORP INC	COM	31609R100	115	2,356	SH	SOLE	1	2,356	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	1,665	53,169	SH	SOLE	1	53,169	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	33,680	228,787	SH	SOLE	1	228,787	0	0
FIESTA RESTAURANT GROUP	COM	31660B101	116	12,369	SH	SOLE	1	12,369	0	0
FIFTH THIRD BANCORP	COM	316773100	4,999	234,453	SH	SOLE	1	234,453	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	146	9,473	SH	SOLE	1	9,473	0	0
FIREEYE INC	COM	31816Q101	44	3,547	SH	SOLE	1	3,547	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	11,305	222,067	SH	SOLE	1	222,067	0	0
FIRST BANCORP INC/ME	COM	31866P102	128	6,049	SH	SOLE	1	6,049	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	777	148,869	SH	SOLE	1	148,869	0	0
FIRST BANCORP/NC	COM	318910106	359	17,158	SH	SOLE	1	17,158	0	0
FIRST BANCSHARES INC/MS	COM	318916103	259	12,364	SH	SOLE	1	12,364	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	59	9,573	SH	SOLE	1	9,573	0	0
FIRST BUSEY CORP	COM	319383204	479	30,135	SH	SOLE	1	30,135	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	70	4,870	SH	SOLE	1	4,870	0	0
FIRST CAPITAL INC	COM	31942S104	109	1,948	SH	SOLE	1	1,948	0	0
FIRST CHOICE BANCORP	COM	31948P104	82	6,198	SH	SOLE	1	6,198	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	26	82	SH	SOLE	1	82	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	522	67,400	SH	SOLE	1	67,400	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	187	10,362	SH	SOLE	1	10,362	0	0
FIRST COMMUNITY CORP	COM	319835104	58	4,282	SH	SOLE	1	4,282	0	0
FIRST FINANCIAL BANCORP	COM	320209109	805	67,035	SH	SOLE	1	67,035	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	253	8,043	SH	SOLE	1	8,043	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	9,369	335,685	SH	SOLE	1	335,685	0	0
FIRST FOUNDATION INC	COM	32026V104	308	23,581	SH	SOLE	1	23,581	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	26	2,181	SH	SOLE	1	2,181	0	0
FIRST HAWAIIAN INC	COM	32051X108	198	13,680	SH	SOLE	1	13,680	0	0
FIRST HORIZON NATIONAL CORP	COM	320517105	9,562	1,014,006	SH	SOLE	1	1,014,006	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	9,414	236,536	SH	SOLE	1	236,536	0	0
FIRST INTERNET BANCORP	COM	320557101	83	5,653	SH	SOLE	1	5,653	0	0
FIRST INTERSTATE BANCYS A	COM	32055Y201	799	25,073	SH	SOLE	1	25,073	0	0
FIRST MERCHANTS CORP	COM	320817109	747	32,272	SH	SOLE	1	32,272	0	0
FIRST MID	COM	320866106	218	8,723	SH	SOLE	1	8,723	0	0

BANCSHARES INC											
FIRST MIDWEST BANCORP INC/IL	COM	320867104	849	78,732	SH	SOLE	1	78,732	0	0	
FIRST NORTHWEST BANCORP	COM	335834107	51	5,193	SH	SOLE	1	5,193	0	0	
FIRST OF LONG ISLAND CORP	COM	320734106	202	13,621	SH	SOLE	1	13,621	0	0	
FIRST REPUBLIC BANK/CA	COM	33616C100	6,731	61,714	SH	SOLE	1	61,714	0	0	
FIRST SAVINGS FINANCIAL GRP	COM	33621E109	61	1,115	SH	SOLE	1	1,115	0	0	
FIRST SOLAR INC	COM	336433107	10,292	155,472	SH	SOLE	1	155,472	0	0	
FIRST UNITED CORP	COM	33741H107	47	4,016	SH	SOLE	1	4,016	0	0	
FIRST WESTERN FINANCIAL INC	COM	33751L105	48	3,737	SH	SOLE	1	3,737	0	0	
FIRSTCASH INC	COM	33767D105	5,707	99,746	SH	SOLE	1	99,746	0	0	
FIRSTENERGY CORP	COM	337932107	9,856	343,286	SH	SOLE	1	343,286	0	0	
FISERV INC	COM	337738108	25,872	251,060	SH	SOLE	1	251,060	0	0	
FITBIT INC A	COM	33812L102	1,013	145,485	SH	SOLE	1	145,485	0	0	
FIVE BELOW	COM	33829M101	13,088	103,054	SH	SOLE	1	103,054	0	0	
FIVE PRIME THERAPEUTICS INC	COM	33830X104	75	16,015	SH	SOLE	1	16,015	0	0	
FIVE STAR SENIOR LIVING INC	COM	33832D205	57	11,295	SH	SOLE	1	11,295	0	0	
FIVE9 INC	COM	338307101	209	1,615	SH	SOLE	1	1,615	0	0	
FLAGSTAR BANCORP INC	COM	337930705	872	29,441	SH	SOLE	1	29,441	0	0	
FLEETCOR TECHNOLOGIES INC	COM	339041105	6,864	28,828	SH	SOLE	1	28,828	0	0	
FLEXION THERAPEUTICS INC	COM	33938J106	273	26,178	SH	SOLE	1	26,178	0	0	
FLIR SYSTEMS INC	COM	302445101	1,550	43,225	SH	SOLE	1	43,225	0	0	
FLOOR & DECOR HOLDINGS INC A	COM	339750101	184	2,455	SH	SOLE	1	2,455	0	0	
FLOWERS FOODS INC	COM	343498101	8,775	360,677	SH	SOLE	1	360,677	0	0	
FLOWSERVE CORP	COM	34354P105	1,169	42,848	SH	SOLE	1	42,848	0	0	
FLUENT INC	COM	34380C102	62	25,008	SH	SOLE	1	25,008	0	0	
FLUIDIGM CORP	COM	34385P108	314	42,204	SH	SOLE	1	42,204	0	0	
FLUOR CORP	COM	343412102	2,743	311,298	SH	SOLE	1	311,298	0	0	
FLUSHING FINANCIAL CORP	COM	343873105	170	16,125	SH	SOLE	1	16,125	0	0	
FMC CORP	COM	302491303	4,568	43,134	SH	SOLE	1	43,134	0	0	
FNB CORP	COM	302520101	4,017	592,400	SH	SOLE	1	592,400	0	0	
FNCB BANCORP INC	COM	302578109	54	10,225	SH	SOLE	1	10,225	0	0	
FOCUS FINANCIAL PARTNERS A	COM	34417P100	617	18,810	SH	SOLE	1	18,810	0	0	
FONAR CORP	COM	344437405	79	3,769	SH	SOLE	1	3,769	0	0	
FOOT LOCKER INC	COM	344849104	6,310	191,043	SH	SOLE	1	191,043	0	0	
FORD MOTOR CO	COM	345370860	8,567	1,286,261	SH	SOLE	1	1,286,261	0	0	
FORD MOTOR ORD	COM	345370860	179	29,500	SH	SOLE	1	29,500	0	0	
FORESTAR GROUP INC	COM	346232101	176	9,963	SH	SOLE	1	9,963	0	0	
FORMA THERAPEUTICS HOLDINGS	SHS	34633R104	480	9,638	SH	SOLE	1	9,638	0	0	
FORMFACTOR INC	COM	346375108	1,329	53,289	SH	SOLE	1	53,289	0	0	
FORRESTER RESEARCH INC	COM	346563109	248	7,554	SH	SOLE	1	7,554	0	0	
FORTERRA INC	COM	34960W106	134	11,357	SH	SOLE	1	11,357	0	0	
FORTINET INC	COM	34959E109	5,716	48,521	SH	SOLE	1	48,521	0	0	
FORTIVE CORP	COM	34959J108	9,704	127,335	SH	SOLE	1	127,335	0	0	
FORTRESS BIOTECH INC	COM	34960Q109	152	37,541	SH	SOLE	1	37,541	0	0	
FORTUNE BRANDS HOME & SECURI	COM	34964C106	3,948	45,628	SH	SOLE	1	45,628	0	0	
FORWARD AIR CORP	COM	349853101	1,103	19,218	SH	SOLE	1	19,218	0	0	

FOSSIL GROUP INC	COM	34988V106	186	32,358	SH	SOLE	1	32,358	0	0
FOSTER (LB) CO A	COM	350060109	81	6,034	SH	SOLE	1	6,034	0	0
FOUNDATION BUILDING MATERIAL	COM	350392106	224	14,269	SH	SOLE	1	14,269	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,373	53,653	SH	SOLE	1	53,653	0	0
FOX CORP CLASS A	COM	35137L105	3,719	133,645	SH	SOLE	1	133,645	0	0
FOX CORP CLASS B	COM	35137L204	1,881	67,233	SH	SOLE	1	67,233	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	7,444	100,151	SH	SOLE	1	100,151	0	0
FRANCHISE GROUP INC	COM	35180X105	331	13,055	SH	SOLE	1	13,055	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	143	92,664	SH	SOLE	1	92,664	0	0
FRANKLIN COVEY CO	COM	353469109	133	7,490	SH	SOLE	1	7,490	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	1,828	31,076	SH	SOLE	1	31,076	0	0
FRANKLIN FINANCIAL SERVICES	COM	353525108	53	2,470	SH	SOLE	1	2,470	0	0
FRANKLIN RESOURCES INC	COM	354613101	5,550	272,707	SH	SOLE	1	272,707	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	260	71,042	SH	SOLE	1	71,042	0	0
FREEPORT MCMORAN INC	COM	35671D857	7,491	478,940	SH	SOLE	1	478,940	0	0
FREQUENCY THERAPEUTICS INC	COM	35803L108	289	15,018	SH	SOLE	1	15,018	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	490	21,396	SH	SOLE	1	21,396	0	0
FRESHPET INC	COM	358039105	2,586	23,161	SH	SOLE	1	23,161	0	0
FRONT YARD RESIDENTIAL CORP	COM	35904G107	262	29,953	SH	SOLE	1	29,953	0	0
FRONTDOOR INC	COM	35905A109	51	1,304	SH	SOLE	1	1,304	0	0
FRONTLINE LTD	COM	G3682E192	459	70,539	SH	SOLE	1	70,539	0	0
FRP HOLDINGS INC	COM	30292L107	164	3,939	SH	SOLE	1	3,939	0	0
FS BANCORP INC	COM	30263Y104	92	2,244	SH	SOLE	1	2,244	0	0
FTI CONSULTING INC	COM	302941109	7,107	67,068	SH	SOLE	1	67,068	0	0
FUELCELL ENERGY INC	COM	35952H601	272	127,302	SH	SOLE	1	127,302	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	68	8,557	SH	SOLE	1	8,557	0	0
FULGENT GENETICS INC	COM	359664109	275	6,869	SH	SOLE	1	6,869	0	0
FULTON FINANCIAL CORP	COM	360271100	3,638	389,897	SH	SOLE	1	389,897	0	0
FUNKO INC CLASS A	COM	361008105	84	14,582	SH	SOLE	1	14,582	0	0
FUTUREFUEL CORP	COM	36116M106	203	17,850	SH	SOLE	1	17,850	0	0
FVCBANKCORP INC	COM	36120Q101	71	7,061	SH	SOLE	1	7,061	0	0
G III APPAREL GROUP LTD	COM	36237H101	397	30,304	SH	SOLE	1	30,304	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	236	20,398	SH	SOLE	1	20,398	0	0
GAIA INC	COM	36269P104	71	7,238	SH	SOLE	1	7,238	0	0
GALECTIN THERAPEUTICS INC	COM	363225202	59	22,241	SH	SOLE	1	22,241	0	0
GALERA THERAPEUTICS INC	COM	36338D108	47	5,228	SH	SOLE	1	5,228	0	0
GAMCO INVESTORS INC A	COM	361438104	38	3,249	SH	SOLE	1	3,249	0	0
GAMESTOP CORP CLASS A	COM	36467W109	400	39,226	SH	SOLE	1	39,226	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	227	6,150	SH	SOLE	1	6,150	0	0
GAN LTD	COM	G3728V109	75	4,429	SH	SOLE	1	4,429	0	0
GANNETT CO INC	COM	36472T109	118	90,585	SH	SOLE	1	90,585	0	0
GAP INC/THE	COM	364760108	1,147	67,342	SH	SOLE	1	67,342	0	0
GARMIN LTD	COM	H2906T109	4,675	49,278	SH	SOLE	1	49,278	0	0
GARTNER INC	COM	366651107	3,821	30,577	SH	SOLE	1	30,577	0	0

GATES INDUSTRIAL CORP PLC	COM	G39108108	7	581	SH	SOLE	1	581	0	0
GATX CORP	COM	361448103	5,388	84,521	SH	SOLE	1	84,521	0	0
GCI LIBERTY INC CLASS A	COM	36164V305	1,483	18,089	SH	SOLE	1	18,089	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	705	33,671	SH	SOLE	1	33,671	0	0
GDS HOLDINGS LTD ADR	ADR	36165L108	84	1,022	SH	SOLE	1	1,022	0	0
GENASYS INC	COM	36872P103	122	19,897	SH	SOLE	1	19,897	0	0
GENCO SHIPPING & TRADING LTD	COM	Y2685T131	71	10,231	SH	SOLE	1	10,231	0	0
GENCOR INDUSTRIES INC	COM	368678108	60	5,465	SH	SOLE	1	5,465	0	0
GENERAC HOLDINGS INC	COM	368736104	22,423	115,799	SH	SOLE	1	115,799	0	0
GENERAL DYNAMICS CORP	COM	369550108	21,903	158,227	SH	SOLE	1	158,227	0	0
GENERAL ELECTRIC CO	COM	369604103	17,241	2,767,478	SH	SOLE	1	2,767,478	0	0
GENERAL FINANCE CORP	COM	369822101	40	6,275	SH	SOLE	1	6,275	0	0
GENERAL MILLS INC	COM	370334104	210,486	3,412,540	SH	SOLE	1	3,412,540	0	0
GENERAL MOTORS CO	COM	37045V100	11,782	398,167	SH	SOLE	1	398,167	0	0
GENERATION BIO CO	COM	37148K100	227	7,341	SH	SOLE	1	7,341	0	0
GENESCO INC	COM	371532102	210	9,766	SH	SOLE	1	9,766	0	0
GENIE ENERGY LTD B	COM	372284208	63	7,877	SH	SOLE	1	7,877	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	591	41,642	SH	SOLE	1	41,642	0	0
GENPACT LTD	COM	G3922B107	133	3,402	SH	SOLE	1	3,402	0	0
GENPREX INC	COM	372446104	57	17,059	SH	SOLE	1	17,059	0	0
GENTEX CORP	COM	371901109	11,600	450,489	SH	SOLE	1	450,489	0	0
GENTHERM INC	COM	37253A103	924	22,601	SH	SOLE	1	22,601	0	0
GENUINE PARTS CO	COM	372460105	18,064	189,811	SH	SOLE	1	189,811	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	4,096	1,222,573	SH	SOLE	1	1,222,573	0	0
GEO GROUP INC/THE	COM	36162J106	3,405	300,240	SH	SOLE	1	300,240	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	8	1,262	SH	SOLE	1	1,262	0	0
GERMAN AMERICAN BANCORP	COM	373865104	400	14,728	SH	SOLE	1	14,728	0	0
GERON CORP	COM	374163103	299	171,795	SH	SOLE	1	171,795	0	0
GETTY REALTY CORP	COM	374297109	616	23,690	SH	SOLE	1	23,690	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,465	22,489	SH	SOLE	1	22,489	0	0
GILEAD SCIENCES INC	COM	375558103	171,893	2,720,261	SH	SOLE	1	2,720,261	0	0
GLACIER BANCORP INC	COM	37637Q105	7,401	230,922	SH	SOLE	1	230,922	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	339	20,118	SH	SOLE	1	20,118	0	0
GLADSTONE LAND CORP	COM	376549101	176	11,703	SH	SOLE	1	11,703	0	0
GLATFELTER	COM	377316104	417	30,297	SH	SOLE	1	30,297	0	0
GLAUKOS CORP	COM	377322102	1,469	29,659	SH	SOLE	1	29,659	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	84	1,531	SH	SOLE	1	1,531	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	341	25,226	SH	SOLE	1	25,226	0	0
GLOBAL NET LEASE INC	COM	379378201	989	62,181	SH	SOLE	1	62,181	0	0
GLOBAL PAYMENTS INC	COM	37940X102	16,830	94,775	SH	SOLE	1	94,775	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	83	7,649	SH	SOLE	1	7,649	0	0
GLOBANT SA	COM	L44385109	269	1,498	SH	SOLE	1	1,498	0	0
GLOBE LIFE INC	COM	37959E102	2,585	32,349	SH	SOLE	1	32,349	0	0
GLOBUS MEDICAL INC A	COM	379577208	6,836	138,052	SH	SOLE	1	138,052	0	0

GLU MOBILE INC	COM	379890106	775	100,929	SH	SOLE	1	100,929	0	0
GLYCOMIMETICS INC	COM	38000Q102	68	22,157	SH	SOLE	1	22,157	0	0
GMS INC	COM	36251C103	695	28,848	SH	SOLE	1	28,848	0	0
GODADDY INC CLASS A	COM	380237107	329	4,332	SH	SOLE	1	4,332	0	0
GOGO INC	COM	38046C109	305	32,995	SH	SOLE	1	32,995	0	0
GOHEALTH INC CLASS A	CL A	38046W105	8	591	SH	SOLE	1	591	0	0
GOLAR LNG LTD	COM	G9456A100	330	54,437	SH	SOLE	1	54,437	0	0
GOLD RESOURCE CORP	COM	38068T105	133	39,059	SH	SOLE	1	39,059	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	139	10,018	SH	SOLE	1	10,018	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	21,862	108,784	SH	SOLE	1	108,784	0	0
GOODRICH PETROLEUM CORP	COM	382410843	42	5,520	SH	SOLE	1	5,520	0	0
GOODYEAR TIRE & RUBBER CO	COM	382550101	4,313	562,312	SH	SOLE	1	562,312	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	668	7,716	SH	SOLE	1	7,716	0	0
GOPRO INC CLASS A	COM	38268T103	350	77,285	SH	SOLE	1	77,285	0	0
GORMAN RUPP CO	COM	383082104	310	10,526	SH	SOLE	1	10,526	0	0
GOSSAMER BIO INC	COM	38341P102	421	33,881	SH	SOLE	1	33,881	0	0
GP STRATEGIES CORP	COM	36225V104	75	7,805	SH	SOLE	1	7,805	0	0
GRACO INC	COM	384109104	18,812	306,632	SH	SOLE	1	306,632	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	6	884	SH	SOLE	1	884	0	0
GRAHAM CORP	COM	384556106	74	5,767	SH	SOLE	1	5,767	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	3,072	7,601	SH	SOLE	1	7,601	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	6,927	86,656	SH	SOLE	1	86,656	0	0
GRANITE CONSTRUCTION INC	COM	387328107	570	32,341	SH	SOLE	1	32,341	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	268	37,753	SH	SOLE	1	37,753	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	62	4,416	SH	SOLE	1	4,416	0	0
GRAY TELEVISION INC	COM	389375106	715	51,923	SH	SOLE	1	51,923	0	0
GREAT AJAX CORP	COM	38983D300	103	12,374	SH	SOLE	1	12,374	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	361	38,002	SH	SOLE	1	38,002	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	239	6,587	SH	SOLE	1	6,587	0	0
GREAT WESTERN BANCORP INC	COM	391416104	475	38,158	SH	SOLE	1	38,158	0	0
GREEN BRICK PARTNERS INC	COM	392709101	229	14,206	SH	SOLE	1	14,206	0	0
GREEN DOT CORP CLASS A	COM	39304D102	1,791	35,380	SH	SOLE	1	35,380	0	0
GREEN PLAINS INC	COM	393222104	364	23,528	SH	SOLE	1	23,528	0	0
GREENBRIER COMPANIES INC	COM	393657101	656	22,295	SH	SOLE	1	22,295	0	0
GREENE COUNTY BANCORP INC	COM	394357107	40	1,821	SH	SOLE	1	1,821	0	0
GREENHILL & CO INC	COM	395259104	111	9,789	SH	SOLE	1	9,789	0	0
GREENLANE HOLDINGS INC A	COM	395330103	14	6,146	SH	SOLE	1	6,146	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	112	16,641	SH	SOLE	1	16,641	0	0
GREENSKY INC CLASS A	CL A	39572G100	165	37,155	SH	SOLE	1	37,155	0	0
GREIF INC CL A	CL A	397624107	2,299	63,482	SH	SOLE	1	63,482	0	0
GREIF INC CL B	COM	397624206	141	3,576	SH	SOLE	1	3,576	0	0
GRID DYNAMICS HOLDINGS INC	CL A	39813G109	100	12,981	SH	SOLE	1	12,981	0	0

GRIFFIN INDUSTRIAL REALTY IN	COM	398231100	83	1,549	SH	SOLE	1	1,549	0	0
GRIFFON CORP	COM	398433102	584	29,894	SH	SOLE	1	29,894	0	0
GRITSTONE ONCOLOGY INC	COM	39868T105	48	18,000	SH	SOLE	1	18,000	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	6,021	153,119	SH	SOLE	1	153,119	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	1,061	12,000	SH	SOLE	1	12,000	0	0
GROUPON INC	COM	399473206	284	13,911	SH	SOLE	1	13,911	0	0
GROWGENERATION CORP	COM	39986L109	342	21,417	SH	SOLE	1	21,417	0	0
GRUBHUB INC	COM	400110102	12,242	169,250	SH	SOLE	1	169,250	0	0
GRUPO FINANCIERO GALICIA ADR	ADR	399909100	2	331	SH	SOLE	1	331	0	0
GSI TECHNOLOGY INC	COM	36241U106	56	9,886	SH	SOLE	1	9,886	0	0
GSX TECHEDU INC ADR	SPONSORED ADS	36257Y109	91	1,011	SH	SOLE	1	1,011	0	0
GTT COMMUNICATIONS INC	COM	362393100	98	19,050	SH	SOLE	1	19,050	0	0
GTY TECHNOLOGY HOLDINGS INC	COM	362409104	70	26,507	SH	SOLE	1	26,507	0	0
GUARANTY BANCSHARES INC	COM	400764106	104	4,176	SH	SOLE	1	4,176	0	0
GUARDANT HEALTH INC	COM	40131M109	220	1,965	SH	SOLE	1	1,965	0	0
GUESS INC	COM	401617105	334	28,729	SH	SOLE	1	28,729	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	134	1,289	SH	SOLE	1	1,289	0	0
GULFPORT ENERGY CORP	COM	402635304	58	109,627	SH	SOLE	1	109,627	0	0
GWG HOLDINGS INC	COM	36192A109	16	1,912	SH	SOLE	1	1,912	0	0
H.B. FULLER CO.	COM	359694106	1,627	35,542	SH	SOLE	1	35,542	0	0
H&E EQUIPMENT SERVICES INC	COM	404030108	377	19,154	SH	SOLE	1	19,154	0	0
H&R BLOCK INC	COM	093671105	5,789	355,347	SH	SOLE	1	355,347	0	0
HACKETT GROUP INC/THE	COM	404609109	167	14,956	SH	SOLE	1	14,956	0	0
HAEMONETICS CORP/MASS	COM	405024100	8,160	93,525	SH	SOLE	1	93,525	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	5,252	153,106	SH	SOLE	1	153,106	0	0
HALLIBURTON CO	COM	406216101	3,484	289,155	SH	SOLE	1	289,155	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	2,134	81,216	SH	SOLE	1	81,216	0	0
HAMILTON BEACH BRAND A	COM	40701T104	80	4,085	SH	SOLE	1	4,085	0	0
HAMILTON LANE INC CLASS A	COM	407497106	1,164	18,016	SH	SOLE	1	18,016	0	0
HANCOCK WHITNEY CORP	COM	410120109	3,926	208,730	SH	SOLE	1	208,730	0	0
HANESBRANDS INC	COM	410345102	3,421	217,216	SH	SOLE	1	217,216	0	0
HANGER INC	COM	41043F208	406	25,656	SH	SOLE	1	25,656	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	173	21,105	SH	SOLE	1	21,105	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	1,834	43,396	SH	SOLE	1	43,396	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	6,442	69,138	SH	SOLE	1	69,138	0	0
HARBORONE BANCORP INC	COM	41165Y100	255	31,654	SH	SOLE	1	31,654	0	0
HARLEY DAVIDSON INC	COM	412822108	6,893	280,874	SH	SOLE	1	280,874	0	0
HARMONIC INC	COM	413160102	367	65,753	SH	SOLE	1	65,753	0	0
HARPOON THERAPEUTICS INC	COM	41358P106	107	6,323	SH	SOLE	1	6,323	0	0
HARROW HEALTH INC	COM	415858109	75	13,383	SH	SOLE	1	13,383	0	0

HARSCO CORP	COM	415864107	752	54,045	SH	SOLE	1	54,045	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	4,521	122,663	SH	SOLE	1	122,663	0	0
HARVARD BIOSCIENCE INC	COM	416906105	69	22,891	SH	SOLE	1	22,891	0	0
HASBRO INC	COM	418056107	5,062	61,192	SH	SOLE	1	61,192	0	0
HAVERTY FURNITURE	COM	419596101	244	11,670	SH	SOLE	1	11,670	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	6,651	200,092	SH	SOLE	1	200,092	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	405	31,445	SH	SOLE	1	31,445	0	0
HAWKINS INC	COM	420261109	307	6,665	SH	SOLE	1	6,665	0	0
HAWTHORN BANCSHARES INC	COM	420476103	66	3,496	SH	SOLE	1	3,496	0	0
HAYNES INTERNATIONAL INC	COM	420877201	147	8,624	SH	SOLE	1	8,624	0	0
HBT FINANCIAL INC/DE	COM	404111106	66	5,852	SH	SOLE	1	5,852	0	0
HC2 HOLDINGS INC	COM	404139107	55	22,657	SH	SOLE	1	22,657	0	0
HCA HEALTHCARE INC	COM	40412C101	13,779	110,518	SH	SOLE	1	110,518	0	0
HCI GROUP INC	COM	40416E103	208	4,214	SH	SOLE	1	4,214	0	0
HD SUPPLY HOLDINGS INC	COM	40416M105	1,076	26,101	SH	SOLE	1	26,101	0	0
HDFC BANK LTD ADR	ADR	40415F101	6	113	SH	SOLE	1	113	0	0
HEALTH CATALYST INC	COM	42225T107	736	20,114	SH	SOLE	1	20,114	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	9,892	328,406	SH	SOLE	1	328,406	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	3,878	180,098	SH	SOLE	1	180,098	0	0
HEALTHCARE TRUST OF AME CL A	CL A	42225P501	198	7,612	SH	SOLE	1	7,612	0	0
HEALTHQUITY INC	COM	42226A107	9,484	184,625	SH	SOLE	1	184,625	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	4,819	177,510	SH	SOLE	1	177,510	0	0
HEALTHSTREAM INC	COM	42222N103	357	17,786	SH	SOLE	1	17,786	0	0
HEARTLAND EXPRESS INC	COM	422347104	627	33,702	SH	SOLE	1	33,702	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	623	20,773	SH	SOLE	1	20,773	0	0
HECLA MINING CO	COM	422704106	1,586	312,104	SH	SOLE	1	312,104	0	0
HEICO CORP	COM	422806109	110	1,054	SH	SOLE	1	1,054	0	0
HEICO CORP CLASS A	COM	422806208	163	1,835	SH	SOLE	1	1,835	0	0
HEIDRICK & STRUGGLES INTL	COM	422819102	261	13,255	SH	SOLE	1	13,255	0	0
HELEN OF TROY LTD	COM	G4388N106	11,846	61,215	SH	SOLE	1	61,215	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	676	18,583	SH	SOLE	1	18,583	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	237	98,341	SH	SOLE	1	98,341	0	0
HELMERICH & PAYNE	COM	423452101	165	11,284	SH	SOLE	1	11,284	0	0
HEMISPHERE MEDIA GRO	CL A	42365Q103	9,517	968,149	SH	SOLE	2	968,149	0	0
HEMISPHERE MEDIA GROUP INC	CL A	42365Q103	85	9,805	SH	SOLE	1	9,805	0	0
HENRY SCHEIN INC	COM	806407102	4,136	70,356	SH	SOLE	1	70,356	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	62	1,329	SH	SOLE	1	1,329	0	0
HERC HOLDINGS INC	COM	42704L104	576	14,549	SH	SOLE	1	14,549	0	0
HERITAGE COMMERCE CORP	COM	426927109	231	34,775	SH	SOLE	1	34,775	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	121	9,060	SH	SOLE	1	9,060	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	457	24,854	SH	SOLE	1	24,854	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	152	15,004	SH	SOLE	1	15,004	0	0

HERMAN MILLER INC	COM	600544100	4,295	142,412	SH	SOLE	1	142,412	0	0
HERON THERAPEUTICS INC	COM	427746102	777	52,400	SH	SOLE	1	52,400	0	0
HERSHA HOSPITALITY TRUST	COM	427825500	131	23,724	SH	SOLE	1	23,724	0	0
HERSHEY CO/THE	COM	427866108	19,993	139,480	SH	SOLE	1	139,480	0	0
HERTZ GLOBAL HOLDINGS INC	COM	42806J106	104	93,960	SH	SOLE	1	93,960	0	0
HESKA CORP	COM	42805E306	492	4,982	SH	SOLE	1	4,982	0	0
HESS CORP	COM	42809H107	4,577	111,820	SH	SOLE	1	111,820	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	8,683	926,678	SH	SOLE	1	926,678	0	0
HEXCEL CORP	COM	428291108	5,135	153,058	SH	SOLE	1	153,058	0	0
HF FOODS GROUP INC	COM	40417F109	141	21,258	SH	SOLE	1	21,258	0	0
HIBBETT SPORTS INC	COM	428567101	447	11,392	SH	SOLE	1	11,392	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	6,392	190,419	SH	SOLE	1	190,419	0	0
HILL ROM HOLDINGS INC	COM	431475102	10,204	122,187	SH	SOLE	1	122,187	0	0
HILLENBRAND INC	COM	431571108	1,452	51,212	SH	SOLE	1	51,212	0	0
HILLTOP HOLDINGS INC	COM	432748101	887	43,097	SH	SOLE	1	43,097	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	1,069	50,945	SH	SOLE	1	50,945	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	7,811	91,547	SH	SOLE	1	91,547	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	156	845	SH	SOLE	1	845	0	0
HMS HOLDINGS CORP	COM	40425J101	1,458	60,859	SH	SOLE	1	60,859	0	0
HNI CORP	COM	404251100	3,237	103,166	SH	SOLE	1	103,166	0	0
HOLLYFRONTIER CORP	COM	436106108	1,749	88,719	SH	SOLE	1	88,719	0	0
HOLOGIC INC	COM	436440101	7,142	107,439	SH	SOLE	1	107,439	0	0
HOME BANCORP INC	COM	43689E107	110	4,572	SH	SOLE	1	4,572	0	0
HOME BANCSHARES INC	COM	436893200	5,580	368,088	SH	SOLE	1	368,088	0	0
HOME DEPOT INC	COM	437076102	121,971	439,201	SH	SOLE	1	439,201	0	0
HOMESTREET INC	COM	43785V102	397	15,398	SH	SOLE	1	15,398	0	0
HOMETRUST BANCSHARES INC	COM	437872104	127	9,349	SH	SOLE	1	9,349	0	0
HOMOLOGY MEDICINES INC	COM	438083107	218	20,325	SH	SOLE	1	20,325	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	53,433	324,601	SH	SOLE	1	324,601	0	0
HOOKER FURNITURE CORP	COM	439038100	180	6,972	SH	SOLE	1	6,972	0	0
HOOKIPA PHARMA INC	COM	43906K100	70	7,432	SH	SOLE	1	7,432	0	0
HOPE BANCORP INC	COM	43940T109	619	81,581	SH	SOLE	1	81,581	0	0
HORACE MANN EDUCATORS	COM	440327104	955	28,606	SH	SOLE	1	28,606	0	0
HORIZON BANCORP INC/IN	COM	440407104	258	25,572	SH	SOLE	1	25,572	0	0
HORIZON THERAPEUTICS PLC	COM	G46188101	382	4,913	SH	SOLE	1	4,913	0	0
HORMEL FOODS CORP	COM	440452100	5,767	117,963	SH	SOLE	1	117,963	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	2,587	239,772	SH	SOLE	1	239,772	0	0
HOSTESS BRANDS INC	COM	44109J106	902	73,162	SH	SOLE	1	73,162	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	109	63,118	SH	SOLE	1	63,118	0	0
HOULIHAN LOKEY INC	COM	441593100	1,807	30,602	SH	SOLE	1	30,602	0	0
HOWARD BANCORP INC	COM	442496105	71	7,872	SH	SOLE	1	7,872	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	29	508	SH	SOLE	1	508	0	0
HOWMET AEROSPACE INC	COM	443201108	2,165	129,468	SH	SOLE	1	129,468	0	0
HP INC	COM	40434L105	207,611	10,932,626	SH	SOLE	1	10,932,626	0	0

HUAZHU GROUP LTD ADR	ADR	44332N106	70	1,624	SH	SOLE	1	1,624	0	0
HUB GROUP INC CL A	CL A	443320106	1,139	22,681	SH	SOLE	1	22,681	0	0
HUBBELL INC	COM	443510607	13,601	99,393	SH	SOLE	1	99,393	0	0
HUBSPOT INC	COM	443573100	317	1,083	SH	SOLE	1	1,083	0	0
HUDSON LTD CLASS A	COM	G46408103	180	23,694	SH	SOLE	1	23,694	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	6,249	284,943	SH	SOLE	1	284,943	0	0
HUMANA INC	COM	444859102	21,856	52,806	SH	SOLE	1	52,806	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	3,513	27,799	SH	SOLE	1	27,799	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	3,070	334,797	SH	SOLE	1	334,797	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	1,885	13,394	SH	SOLE	1	13,394	0	0
HUNTSMAN CORP	COM	447011107	58	2,609	SH	SOLE	1	2,609	0	0
HURCO COMPANIES INC	COM	447324104	106	3,721	SH	SOLE	1	3,721	0	0
HURON CONSULTING GROUP INC	COM	447462102	533	13,543	SH	SOLE	1	13,543	0	0
HUTCHISON CHINA MEDITECH ADR	ADR	44842L103	26	807	SH	SOLE	1	807	0	0
HUYA INC ADR	ADS REP SHS A	44852D108	16	672	SH	SOLE	1	672	0	0
HYATT HOTELS CORP CL A	CL A	448579102	24	455	SH	SOLE	1	455	0	0
HYSTER YALE MATERIALS	COM	449172105	220	5,923	SH	SOLE	1	5,923	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	223	8,840	SH	SOLE	1	8,840	0	0
IAA INC	COM	449253103	12,806	245,941	SH	SOLE	1	245,941	0	0
IAC/INTERACTIVECORP	COM	44891N109	235	1,962	SH	SOLE	1	1,962	0	0
IBEX LTD	SHS	G4690M101	44	2,875	SH	SOLE	1	2,875	0	0
IBIO INC	COM	451033203	70	34,498	SH	SOLE	1	34,498	0	0
ICAD INC	COM	44934S206	106	12,022	SH	SOLE	1	12,022	0	0
ICF INTERNATIONAL INC	COM	44925C103	670	10,882	SH	SOLE	1	10,882	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	331	15,349	SH	SOLE	1	15,349	0	0
ICICI BANK LTD SPON ADR	ADR	45104G104	325	33,070	SH	SOLE	1	33,070	0	0
ICU MEDICAL INC	COM	44930G107	6,536	35,760	SH	SOLE	1	35,760	0	0
IDACORP INC	COM	451107106	7,390	92,489	SH	SOLE	1	92,489	0	0
IDEAYA BIOSCIENCES INC	COM	45166A102	120	9,522	SH	SOLE	1	9,522	0	0
IDEX CORP	COM	45167R104	4,543	24,904	SH	SOLE	1	24,904	0	0
IDEXX LABORATORIES INC	COM	45168D104	14,743	37,503	SH	SOLE	1	37,503	0	0
IDT CORP CLASS B	COM	448947507	60	9,080	SH	SOLE	1	9,080	0	0
IES HOLDINGS INC	COM	44951W106	155	4,864	SH	SOLE	1	4,864	0	0
IGM BIOSCIENCES INC	COM	449585108	313	4,245	SH	SOLE	1	4,245	0	0
IHEARTMEDIA INC CLASS A	CL A	45174J509	291	35,796	SH	SOLE	1	35,796	0	0
IHS MARKIT LTD	COM	G47567105	11,540	146,993	SH	SOLE	1	146,993	0	0
II VI INC	COM	902104108	10,097	248,949	SH	SOLE	1	248,949	0	0
ILLINOIS TOOL WORKS	COM	452308109	36,626	189,564	SH	SOLE	1	189,564	0	0
ILLUMINA INC	COM	452327109	18,719	60,564	SH	SOLE	1	60,564	0	0
IMARA INC	COM	45249V107	60	2,957	SH	SOLE	1	2,957	0	0
IMAX CORP	COM	45245E109	354	29,590	SH	SOLE	1	29,590	0	0
IMMERSON CORPORATION	COM	452521107	72	10,243	SH	SOLE	1	10,243	0	0
IMMUNIC INC	COM	4525EP101	62	3,330	SH	SOLE	1	3,330	0	0
IMMUNOGEN INC	COM	45253H101	370	102,739	SH	SOLE	1	102,739	0	0
IMMUNOMEDICS INC	COM	452907108	458	5,388	SH	SOLE	1	5,388	0	0
IMMUNOVANT INC	COM	45258J102	735	20,876	SH	SOLE	1	20,876	0	0

IMPINJ INC	COM	453204109	265	10,070	SH	SOLE	1	10,070	0	0
INARI MEDICAL INC	COM	45332Y109	317	4,597	SH	SOLE	1	4,597	0	0
INCYTE CORP	COM	45337C102	7,574	84,400	SH	SOLE	1	84,400	0	0
INDEPENDENCE HOLDING CO	COM	453440307	104	2,763	SH	SOLE	1	2,763	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	758	65,427	SH	SOLE	1	65,427	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	159	12,630	SH	SOLE	1	12,630	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,189	22,704	SH	SOLE	1	22,704	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,128	25,522	SH	SOLE	1	25,522	0	0
INDUSTRIAL LOGISTICS PROPERT	COM SHS BEN INT	456237106	981	44,849	SH	SOLE	1	44,849	0	0
INFINERA CORP	COM	45667G103	587	95,226	SH	SOLE	1	95,226	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	45	21,496	SH	SOLE	1	21,496	0	0
INFUSYSTEM HOLDINGS INC	COM	45685K102	111	8,647	SH	SOLE	1	8,647	0	0
INGERSOLL RAND INC	COM	45687V106	4,690	131,739	SH	SOLE	1	131,739	0	0
INGEVITY CORP	COM	45688C107	4,942	99,952	SH	SOLE	1	99,952	0	0
INGLES MARKETS INC CLASS A	COM	457030104	325	8,540	SH	SOLE	1	8,540	0	0
INGREDION INC	COM	457187102	9,292	122,783	SH	SOLE	1	122,783	0	0
INNOSPEC INC	COM	45768S105	1,070	16,902	SH	SOLE	1	16,902	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	1,827	14,718	SH	SOLE	1	14,718	0	0
INNOVIVA INC	COM	45781M101	457	43,740	SH	SOLE	1	43,740	0	0
INOGEN INC	COM	45780L104	369	12,708	SH	SOLE	1	12,708	0	0
INOVALON HOLDINGS INC A	COM	45781D101	1,167	44,103	SH	SOLE	1	44,103	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	1,088	93,755	SH	SOLE	1	93,755	0	0
INOZYME PHARMA INC	COM	45790W108	128	4,860	SH	SOLE	1	4,860	0	0
INPHI CORP	COM	45772F107	140	1,251	SH	SOLE	1	1,251	0	0
INSEEGO CORP	COM	45782B104	421	40,764	SH	SOLE	1	40,764	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,356	23,959	SH	SOLE	1	23,959	0	0
INSMED INC	COM	457669307	1,946	60,542	SH	SOLE	1	60,542	0	0
INSPERITY INC	COM	45778Q107	5,722	87,367	SH	SOLE	1	87,367	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	2,020	15,653	SH	SOLE	1	15,653	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	1,604	15,760	SH	SOLE	1	15,760	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	241	12,872	SH	SOLE	1	12,872	0	0
INSULET CORP	COM	45784P101	406	1,716	SH	SOLE	1	1,716	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,333	22,596	SH	SOLE	1	22,596	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	6,127	129,756	SH	SOLE	1	129,756	0	0
INTEL CORP	COM	458140100	88,568	1,710,459	SH	SOLE	1	1,710,459	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	596	29,964	SH	SOLE	1	29,964	0	0
INTELLICHECK INC	COM	45817G201	72	10,746	SH	SOLE	1	10,746	0	0
INTELLIGENT SYSTEMS CORP	COM	45816D100	175	4,480	SH	SOLE	1	4,480	0	0
INTER PARFUMS INC	COM	458334109	458	12,255	SH	SOLE	1	12,255	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	6,999	144,821	SH	SOLE	1	144,821	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	643	15,505	SH	SOLE	1	15,505	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	23,232	232,206	SH	SOLE	1	232,206	0	0

INTERDIGITAL INC	COM	45867G101	4,250	74,476	SH	SOLE	1	74,476	0	0
INTERFACE INC	COM	458665304	247	40,279	SH	SOLE	1	40,279	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	3,472	133,240	SH	SOLE	1	133,240	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	1,311	117,747	SH	SOLE	1	117,747	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	203	14,137	SH	SOLE	1	14,137	0	0
INTERNATIONAL PAPER CO	COM	460146103	6,447	159,025	SH	SOLE	1	159,025	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	210	14,360	SH	SOLE	1	14,360	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	3,256	195,314	SH	SOLE	1	195,314	0	0
INTERSECT ENT INC	COM	46071F103	317	19,447	SH	SOLE	1	19,447	0	0
INTEVAC INC	COM	461148108	76	13,841	SH	SOLE	1	13,841	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	225,660	1,854,690	SH	SOLE	1	1,854,690	0	0
INTL FLAVORS & FRAGRANCES	COM	459506101	4,713	38,486	SH	SOLE	1	38,486	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	1,003	39,088	SH	SOLE	1	39,088	0	0
INTREPID POTASH INC	COM	46121Y201	49	5,754	SH	SOLE	1	5,754	0	0
INTRICON CORP	COM	46121H109	62	5,060	SH	SOLE	1	5,060	0	0
INTUIT INC	COM	461202103	35,655	109,302	SH	SOLE	1	109,302	0	0
INTUITIVE SURGICAL INC	COM	46120E602	31,316	44,136	SH	SOLE	1	44,136	0	0
INVACARE CORP	COM	461203101	176	23,374	SH	SOLE	1	23,374	0	0
INVESCO LTD	COM	G491BT108	2,429	212,862	SH	SOLE	1	212,862	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B100	341	125,966	SH	SOLE	1	125,966	0	0
INVESTAR HOLDING CORP	COM	46134L105	78	6,085	SH	SOLE	1	6,085	0	0
INVESTORS BANCORP INC	COM	46146L101	1,001	137,938	SH	SOLE	1	137,938	0	0
INVESTORS REAL ESTATE TRUST	COM	461730509	578	8,873	SH	SOLE	1	8,873	0	0
INVESTORS TITLE CO	COM	461804106	101	777	SH	SOLE	1	777	0	0
INVITAE CORP	COM	46185L103	2,992	69,023	SH	SOLE	1	69,023	0	0
INVITATION HOMES INC	COM	46187W107	338	12,082	SH	SOLE	1	12,082	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	121	2,546	SH	SOLE	1	2,546	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	119	3,604	SH	SOLE	1	3,604	0	0
IPG PHOTONICS CORP	COM	44980X109	2,005	11,793	SH	SOLE	1	11,793	0	0
IQIYI INC ADR	ADR	46267X108	64	2,842	SH	SOLE	1	2,842	0	0
IQVIA HOLDINGS INC	COM	46266C105	11,652	73,922	SH	SOLE	1	73,922	0	0
IRADIMED CORP	COM	46266A109	75	3,520	SH	SOLE	1	3,520	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	3,904	16,397	SH	SOLE	1	16,397	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	2,075	81,098	SH	SOLE	1	81,098	0	0
IROBOT CORP	COM	462726100	1,448	19,075	SH	SOLE	1	19,075	0	0
IRON MOUNTAIN INC	COM	46284V101	3,485	130,089	SH	SOLE	1	130,089	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	858	95,422	SH	SOLE	1	95,422	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	8,850	102,300	SH	SOLE	1	102,300	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	233	1,400	SH	SOLE	1	1,400	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	2,318	14,200	SH	SOLE	1	14,200	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	10,046	75,200	SH	SOLE	1	75,200	0	0

ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,692	22,100	SH	SOLE	1	22,100	0	0
ISHARES CORE S&P SMALL CAP ETF	CORE S&P SCP ETF	464287804	1,412	20,111	SH	SOLE	1	20,111	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	17,081	126,800	SH	SOLE	1	126,800	0	0
ISHARES MSCI CHINA A ETF	A	46434V514	3,481	94,856	SH	SOLE	1	94,856	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	44,997	706,940	SH	SOLE	1	706,940	0	0
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	3,568	80,917	SH	SOLE	1	80,917	0	0
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	3,367	22,480	SH	SOLE	1	22,480	0	0
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	390	2,254	SH	SOLE	1	2,254	0	0
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	1,406	17,390	SH	SOLE	1	17,390	0	0
ISHARES S&P 500 VALUE ETF	S&P 500 VAL ETF	464287408	10,543	93,760	SH	SOLE	1	93,760	0	0
ISHARES:SHT-TRM CORP BD	ETF	464288646	908	16,600	SH	SOLE		16,600	0	0
ISTAR INC	COM	45031U101	597	50,543	SH	SOLE	1	50,543	0	0
ITEOS THERAPEUTICS INC	COM	46565G104	158	6,391	SH	SOLE	1	6,391	0	0
ITERIS INC	COM	46564T107	99	24,101	SH	SOLE	1	24,101	0	0
ITRON INC	COM	465741106	1,683	27,712	SH	SOLE	1	27,712	0	0
ITT INC	COM	45073V108	9,351	158,364	SH	SOLE	1	158,364	0	0
IVERIC BIO INC	COM	46583P102	271	48,037	SH	SOLE	1	48,037	0	0
J & J SNACK FOODS CORP	COM	466032109	1,347	10,331	SH	SOLE	1	10,331	0	0
J2 GLOBAL INC	COM	48123V102	7,512	108,518	SH	SOLE	1	108,518	0	0
JABIL INC	COM	466313103	8,528	248,908	SH	SOLE	1	248,908	0	0
JACK HENRY & ASSOCIATES INC	COM	426281101	4,236	26,055	SH	SOLE	1	26,055	0	0
JACK IN THE BOX INC	COM	466367109	4,348	54,819	SH	SOLE	1	54,819	0	0
JACOBS ENGINEERING GROUP INC	COM	469814107	3,971	42,799	SH	SOLE	1	42,799	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	921	20,685	SH	SOLE	1	20,685	0	0
JAMF HOLDING CORP	COM	47074L105	15	388	SH	SOLE	1	388	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	7,166	329,909	SH	SOLE	1	329,909	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	14,492	101,633	SH	SOLE	1	101,633	0	0
JBG SMITH PROPERTIES	COM	46590V100	5,512	206,113	SH	SOLE	1	206,113	0	0
JD.COM INC ADR	ADR	47215P106	5,169	66,606	SH	SOLE	1	66,606	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	7,128	395,982	SH	SOLE	1	395,982	0	0
JELD WEN HOLDING INC	COM	47580P103	918	40,609	SH	SOLE	1	40,609	0	0
JERNIGAN CAPITAL INC	COM	476405105	229	13,355	SH	SOLE	1	13,355	0	0
JETBLUE AIRWAYS CORP	COM	477143101	5,657	499,331	SH	SOLE	1	499,331	0	0
JM SMUCKER CO/THE	COM	832696405	14,915	129,110	SH	SOLE	1	129,110	0	0
JOHN B. SANFILIPPO & SON INC	COM	800422107	458	6,077	SH	SOLE	1	6,077	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	1,990	21,658	SH	SOLE	1	21,658	0	0
JOHNSON & JOHNSON	COM	478160104	138,053	927,274	SH	SOLE	1	927,274	0	0
JOHNSON CONTROLS INTERNATION	COM	G51502105	10,006	244,950	SH	SOLE	1	244,950	0	0
JOHNSON OUTDOORS INC A	COM	479167108	256	3,122	SH	SOLE	1	3,122	0	0
JOINT CORP/THE	COM	47973J102	138	7,933	SH	SOLE	1	7,933	0	0

JONES LANG LASALLE INC	COM	48020Q107	9,513	99,447	SH	SOLE	1	99,447	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	84	10,318	SH	SOLE	1	10,318	0	0
JOYY INC	ADS RESTG COM A	46591M109	61	750	SH	SOLE	1	750	0	0
JPMORGAN CHASE & CO	COM	46625H100	278,068	2,888,419	SH	SOLE	1	2,888,419	0	0
JUNIPER NETWORKS INC	COM	48203R104	3,002	139,616	SH	SOLE	1	139,616	0	0
K12 INC	COM	48273U102	629	23,874	SH	SOLE	1	23,874	0	0
KADANT INC	COM	48282T104	749	6,835	SH	SOLE	1	6,835	0	0
KADMON HOLDINGS INC	COM	48283N106	404	103,157	SH	SOLE	1	103,157	0	0
KAISER ALUMINUM CORP	COM	483007704	582	10,861	SH	SOLE	1	10,861	0	0
KALA PHARMACEUTICALS INC	COM	483119103	178	23,667	SH	SOLE	1	23,667	0	0
KALEIDO BIOSCIENCES INC	COM	483347100	77	6,935	SH	SOLE	1	6,935	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	103	8,154	SH	SOLE	1	8,154	0	0
KAMAN CORP	COM	483548103	743	19,062	SH	SOLE	1	19,062	0	0
KANSAS CITY SOUTHERN	COM	485170302	5,637	31,172	SH	SOLE	1	31,172	0	0
KAR AUCTION SERVICES INC	COM	48238T109	4,499	312,425	SH	SOLE	1	312,425	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	730	9,446	SH	SOLE	1	9,446	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	612	41,929	SH	SOLE	1	41,929	0	0
KB HOME	COM	48666K109	8,178	213,016	SH	SOLE	1	213,016	0	0
KBR INC	COM	48242W106	7,698	344,252	SH	SOLE	1	344,252	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	345	47,891	SH	SOLE	1	47,891	0	0
KELLOGG CO	COM	487836108	7,634	118,186	SH	SOLE	1	118,186	0	0
KELLY SERVICES INC A	COM	488152208	396	23,217	SH	SOLE	1	23,217	0	0
KEMPER CORP	COM	488401100	7,523	112,565	SH	SOLE	1	112,565	0	0
KENNAMETAL INC	COM	489170100	5,805	200,589	SH	SOLE	1	200,589	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,062	73,117	SH	SOLE	1	73,117	0	0
KEROS THERAPEUTICS INC	COM	492327101	161	4,165	SH	SOLE	1	4,165	0	0
KEURIG DR PEPPER INC	COM	49271V100	1,016	36,827	SH	SOLE	1	36,827	0	0
KEYCORP	COM	493267108	3,832	321,235	SH	SOLE	1	321,235	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	6,636	67,181	SH	SOLE	1	67,181	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	91	18,718	SH	SOLE	1	18,718	0	0
KFORCE INC	COM	493732101	380	11,802	SH	SOLE	1	11,802	0	0
KILROY REALTY CORP	COM	49427F108	9,989	192,247	SH	SOLE	1	192,247	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	166	14,383	SH	SOLE	1	14,383	0	0
KIMBALL INTERNATIONAL B	COM	494274103	227	21,553	SH	SOLE	1	21,553	0	0
KIMBERLY CLARK CORP	COM	494368103	19,095	129,316	SH	SOLE	1	129,316	0	0
KIMCO REALTY CORP	COM	49446R109	1,677	148,946	SH	SOLE	1	148,946	0	0
KINDER MORGAN INC	COM	49456B101	9,946	806,633	SH	SOLE	1	806,633	0	0
KINDRED BIOSCIENCES INC	COM	494577109	96	22,277	SH	SOLE	1	22,277	0	0
KINIKA PHARMACEUTICALS A	COM	G5269C101	245	15,984	SH	SOLE	1	15,984	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	2,778	14,607	SH	SOLE	1	14,607	0	0
KIRBY CORP	COM	497266106	3,980	110,039	SH	SOLE	1	110,039	0	0

KITE REALTY GROUP TRUST	COM	49803T300	665	57,444	SH	SOLE	1	57,444	0	0
KKR & CO INC	COM	48251W104	239	6,944	SH	SOLE	1	6,944	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	324	19,596	SH	SOLE	1	19,596	0	0
KLA CORP	COM	482480100	12,747	65,794	SH	SOLE	1	65,794	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	9,395	230,845	SH	SOLE	1	230,845	0	0
KNOLL INC	COM	498904200	361	29,954	SH	SOLE	1	29,954	0	0
KNOWLES CORP	COM	49926D109	915	61,425	SH	SOLE	1	61,425	0	0
KODIAK SCIENCES INC	COM	50015M109	1,022	17,253	SH	SOLE	1	17,253	0	0
KOHL'S CORP	COM	500255104	5,359	289,183	SH	SOLE	1	289,183	0	0
KONTOOR BRANDS INC	COM	50050N103	850	35,136	SH	SOLE	1	35,136	0	0
KOPPERS HOLDINGS INC	COM	50060P106	298	14,252	SH	SOLE	1	14,252	0	0
KORN FERRY	COM	500643200	1,123	38,725	SH	SOLE	1	38,725	0	0
KOSMOS ENERGY LTD	COM	500688106	235	241,081	SH	SOLE	1	241,081	0	0
KRAFT HEINZ CO/THE	COM	500754106	195,068	6,513,106	SH	SOLE	1	6,513,106	0	0
KRATON CORP	COM	50077C106	385	21,601	SH	SOLE	1	21,601	0	0
KRATOS DEFENSE & SECURITY	COM	50077B207	1,400	72,598	SH	SOLE	1	72,598	0	0
KROGER CO	COM	501044101	10,558	311,351	SH	SOLE	1	311,351	0	0
KRONOS WORLDWIDE INC	COM	50105F105	172	13,379	SH	SOLE	1	13,379	0	0
KRYSTAL BIOTECH INC	COM	501147102	348	8,085	SH	SOLE	1	8,085	0	0
KULICKE & SOFFA INDUSTRIES	COM	501242101	128	5,709	SH	SOLE	1	5,709	0	0
KURA ONCOLOGY INC	COM	50127T109	972	31,720	SH	SOLE	1	31,720	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	26	2,015	SH	SOLE	1	2,015	0	0
KVH INDUSTRIES INC	COM	482738101	90	10,029	SH	SOLE	1	10,029	0	0
L BRANDS INC	COM	501797104	2,443	76,789	SH	SOLE	1	76,789	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	11,650	68,596	SH	SOLE	1	68,596	0	0
LA JOLLA PHARMACEUTICAL CO	COM	503459604	43	10,778	SH	SOLE	1	10,778	0	0
LA Z BOY INC	COM	505336107	977	30,894	SH	SOLE	1	30,894	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	8,816	46,828	SH	SOLE	1	46,828	0	0
LADDER CAPITAL CORP REIT	COM	505743104	450	63,217	SH	SOLE	1	63,217	0	0
LAKELAND BANCORP INC	COM	511637100	290	29,149	SH	SOLE	1	29,149	0	0
LAKELAND FINANCIAL CORP	COM	511656100	609	14,784	SH	SOLE	1	14,784	0	0
LAKELAND INDUSTRIES INC	COM	511795106	91	4,577	SH	SOLE	1	4,577	0	0
LAM RESEARCH CORP	COM	512807108	19,682	59,328	SH	SOLE	1	59,328	0	0
LAMAR ADVERTISING CO A	COM	512816109	10,584	159,950	SH	SOLE	1	159,950	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	3,224	48,655	SH	SOLE	1	48,655	0	0
LANCASTER COLONY CORP	COM	513847103	8,385	46,898	SH	SOLE	1	46,898	0	0
LANDEC CORP	COM	514766104	151	15,497	SH	SOLE	1	15,497	0	0
LANDMARK BANCORP INC	COM	51504L107	49	2,308	SH	SOLE	1	2,308	0	0
LANDS END INC	COM	51509F105	91	6,952	SH	SOLE	1	6,952	0	0
LANDSTAR SYSTEM INC	COM	515098101	8,878	70,749	SH	SOLE	1	70,749	0	0
LANNETT CO INC	COM	516012101	136	22,186	SH	SOLE	1	22,186	0	0
LANTHEUS HOLDINGS INC	COM	516544103	581	45,860	SH	SOLE	1	45,860	0	0
LAREDO PETROLEUM INC	COM	516806205	381	38,883	SH	SOLE	1	38,883	0	0
LAS VEGAS SANDS	COM	517834107	4,855	104,052	SH	SOLE	1	104,052	0	0

CORP										
LATTICE SEMICONDUCTOR CORP	COM	518415104	2,329	80,404	SH	SOLE	1	80,404	0	0
LAUREATE EDUCATION INC A	COM	518613203	854	64,318	SH	SOLE	1	64,318	0	0
LAWSON PRODUCTS INC	COM	520776105	108	2,643	SH	SOLE	1	2,643	0	0
LAZARD LTD CL A	CL A	G54050102	43	1,314	SH	SOLE	1	1,314	0	0
LCI INDUSTRIES	COM	50189K103	1,813	17,060	SH	SOLE	1	17,060	0	0
LCNB CORPORATION	COM	50181P100	99	7,273	SH	SOLE	1	7,273	0	0
LEAR CORP	COM	521865204	10,911	100,054	SH	SOLE	1	100,054	0	0
LEGACY HOUSING CORP	COM	52472M101	68	4,958	SH	SOLE	1	4,958	0	0
LEGGETT & PLATT INC	COM	524660107	1,798	43,678	SH	SOLE	1	43,678	0	0
LEIDOS HOLDINGS INC	COM	525327102	3,946	44,260	SH	SOLE	1	44,260	0	0
LEMAITRE VASCULAR INC	COM	525558201	374	11,483	SH	SOLE	1	11,483	0	0
LEMONADE INC	COM	52567D107	8	165	SH	SOLE	1	165	0	0
LENDINGCLUB CORP	COM	52603A208	199	42,197	SH	SOLE	1	42,197	0	0
LENDINGTREE INC	COM	52603B107	4,457	14,522	SH	SOLE	1	14,522	0	0
LENNAR CORP B SHS	COM	526057302	13	204	SH	SOLE	1	204	0	0
LENNAR CORP A	COM	526057104	8,548	104,657	SH	SOLE	1	104,657	0	0
LENNOX INTERNATIONAL INC	COM	526107107	17,393	63,803	SH	SOLE	1	63,803	0	0
LEVEL ONE BANCORP INC	COM	52730D208	48	3,062	SH	SOLE	1	3,062	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	36	24,688	SH	SOLE	1	24,688	0	0
LEXINGTON REALTY TRUST	COM	529043101	1,977	189,136	SH	SOLE	1	189,136	0	0
LGI HOMES INC	COM	50187T106	1,785	15,365	SH	SOLE	1	15,365	0	0
LHC GROUP INC	COM	50187A107	16,079	75,645	SH	SOLE	1	75,645	0	0
LIBERTY BROADBAND A	COM	530307107	46	322	SH	SOLE	1	322	0	0
LIBERTY BROADBAND C	COM	530307305	195	1,368	SH	SOLE	1	1,368	0	0
LIBERTY GLOBAL PLC C	COM	G5480U120	490	23,867	SH	SOLE	1	23,867	0	0
LIBERTY GLOBAL PLC A	COM	G5480U104	229	10,908	SH	SOLE	1	10,908	0	0
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	228	27,606	SH	SOLE	1	27,606	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	755	92,777	SH	SOLE	1	92,777	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	1,746	52,650	SH	SOLE	1	52,650	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	84	2,524	SH	SOLE	1	2,524	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	125	5,992	SH	SOLE	1	5,992	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	456	21,715	SH	SOLE	1	21,715	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	11	326	SH	SOLE	1	326	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	94	2,582	SH	SOLE	1	2,582	0	0
LIBERTY OILFIELD SERVICES A	COM	53115L104	310	38,823	SH	SOLE	1	38,823	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	75	43,466	SH	SOLE	1	43,466	0	0
LIFE STORAGE INC	COM	53223X107	9,053	85,993	SH	SOLE	1	85,993	0	0
LIFETIME BRANDS INC	COM	53222Q103	68	7,231	SH	SOLE	1	7,231	0	0
LIFEVANTAGE CORP	COM	53222K205	99	8,194	SH	SOLE	1	8,194	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	3,611	37,886	SH	SOLE	1	37,886	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	408	70,806	SH	SOLE	1	70,806	0	0

LIMESTONE BANCORP INC	COM	53262L105	33	3,129	SH	SOLE	1	3,129	0	0
LIMONEIRA CO	COM	532746104	139	9,733	SH	SOLE	1	9,733	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	10,042	109,105	SH	SOLE	1	109,105	0	0
LINCOLN NATIONAL CORP	COM	534187109	1,888	60,255	SH	SOLE	1	60,255	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	131	15,405	SH	SOLE	1	15,405	0	0
LINDE PLC	COM	G5494J103	45,392	190,619	SH	SOLE	1	190,619	0	0
LINDSAY CORP	COM	535555106	724	7,483	SH	SOLE	1	7,483	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	7	773	SH	SOLE	1	773	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	13	1,491	SH	SOLE	1	1,491	0	0
LIQUIDIA TECHNOLOGIES INC	COM	53635D202	80	16,199	SH	SOLE	1	16,199	0	0
LIQUIDITY SERVICES INC	COM	53635B107	142	19,042	SH	SOLE	1	19,042	0	0
LITHIA MOTORS INC CL A	CL A	536797103	12,351	54,183	SH	SOLE	1	54,183	0	0
LITTELFUSE INC	COM	537008104	7,911	44,607	SH	SOLE	1	44,607	0	0
LIVANOVA PLC	COM	G5509L101	5,325	117,782	SH	SOLE	1	117,782	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	2,815	52,254	SH	SOLE	1	52,254	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	425	16,774	SH	SOLE	1	16,774	0	0
LIVENT CORP	COM	53814L108	908	101,234	SH	SOLE	1	101,234	0	0
LIVEPERSON INC	COM	538146101	2,213	42,567	SH	SOLE	1	42,567	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	8,192	158,238	SH	SOLE	1	158,238	0	0
LIVEXLIVE MEDIA INC	COM	53839L208	71	27,519	SH	SOLE	1	27,519	0	0
LIVONGO HEALTH INC	COM	539183103	203	1,446	SH	SOLE	1	1,446	0	0
LKQ CORP	COM	501889208	2,966	106,970	SH	SOLE	1	106,970	0	0
LOCKHEED MARTIN CORP	COM	539830109	43,227	112,781	SH	SOLE	1	112,781	0	0
LOEWS CORP	COM	540424108	3,165	91,073	SH	SOLE	1	91,073	0	0
LOGICBIO THERAPEUTICS INC	COM	54142F102	66	7,294	SH	SOLE	1	7,294	0	0
LORAL SPACE & COMMUNICATIONS	COM	543881106	141	7,682	SH	SOLE	1	7,682	0	0
LOUISIANA PACIFIC CORP	COM	546347105	8,022	271,840	SH	SOLE	1	271,840	0	0
LOVESAC CO/THE	COM	54738L109	163	5,863	SH	SOLE	1	5,863	0	0
LOWE S COS INC	COM	548661107	44,627	269,061	SH	SOLE	1	269,061	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	85	1,104	SH	SOLE	1	1,104	0	0
LSI INDUSTRIES INC	COM	50216C108	104	15,326	SH	SOLE	1	15,326	0	0
LTC PROPERTIES INC	COM	502175102	937	26,878	SH	SOLE	1	26,878	0	0
LULULEMON ATHLETICA INC	COM	550021109	3,430	10,414	SH	SOLE	1	10,414	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	435	19,743	SH	SOLE	1	19,743	0	0
LUMEN TECHNOLOGIES INC	COM	156700106	144,500	14,321,144	SH	SOLE	1	14,321,144	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	10,363	137,935	SH	SOLE	1	137,935	0	0
LUMINEX CORP	COM	55027E102	780	29,694	SH	SOLE	1	29,694	0	0
LUNA INNOVATIONS INC	COM	550351100	105	17,493	SH	SOLE	1	17,493	0	0
LUTHER BURBANK CORP	COM	550550107	92	10,965	SH	SOLE	1	10,965	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	217	17,269	SH	SOLE	1	17,269	0	0
LYDALL INC	COM	550819106	195	11,785	SH	SOLE	1	11,785	0	0
LYFT INC A	COM	55087P104	87	3,161	SH	SOLE	1	3,161	0	0

LYONDELLBASELL INDU CL A	CL A	N53745100	164,384	2,332,024	SH	SOLE	1	2,332,024	0	0
LYRA THERAPEUTICS INC	COM	55234L105	28	2,457	SH	SOLE	1	2,457	0	0
M & T BANK CORP	COM	55261F104	4,191	45,507	SH	SOLE	1	45,507	0	0
M/I HOMES INC	COM	55305B101	889	19,308	SH	SOLE	1	19,308	0	0
MACATAWA BANK CORP	COM	554225102	102	15,682	SH	SOLE	1	15,682	0	0
MACERICH CO/THE	COM	554382101	1,994	293,631	SH	SOLE	1	293,631	0	0
MACK CALI REALTY CORP	COM	554489104	756	59,878	SH	SOLE	1	59,878	0	0
MACKINAC FINANCIAL CORP	COM	554571109	52	5,345	SH	SOLE	1	5,345	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	956	28,110	SH	SOLE	1	28,110	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	26	957	SH	SOLE	1	957	0	0
MACROGENICS INC	COM	556099109	795	31,570	SH	SOLE	1	31,570	0	0
MACY S INC	COM	55616P104	1,228	215,405	SH	SOLE	1	215,405	0	0
MADISON SQUARE GARDEN ENTERT	CL A	55826T102	17	242	SH	SOLE	1	242	0	0
MADISON SQUARE GARDEN SPORTS	CL A	55825T103	37	244	SH	SOLE	1	244	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	621	5,231	SH	SOLE	1	5,231	0	0
MAGELLAN HEALTH INC	COM	559079207	1,232	16,260	SH	SOLE	1	16,260	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	84	12,379	SH	SOLE	1	12,379	0	0
MAGNITE INC	COM	55955D100	440	63,335	SH	SOLE	1	63,335	0	0
MAGNOLIA OIL & GAS CORP A	COM	559663109	383	74,134	SH	SOLE	1	74,134	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	52	4,233	SH	SOLE	1	4,233	0	0
MALIBU BOATS INC A	COM	56117J100	609	12,279	SH	SOLE	1	12,279	0	0
MALLINCKRODT PLC	COM	G5785G107	49	50,669	SH	SOLE	1	50,669	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	11,188	117,166	SH	SOLE	1	117,166	0	0
MANITOWOC COMPANY INC	COM	563571405	171	20,274	SH	SOLE	1	20,274	0	0
MANNKIND CORP	COM	56400P706	248	131,728	SH	SOLE	1	131,728	0	0
MANPOWERGROUP INC	COM	56418H100	9,716	132,503	SH	SOLE	1	132,503	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	1,291	18,746	SH	SOLE	1	18,746	0	0
MARATHON OIL CORP	COM	565849106	1,405	343,489	SH	SOLE	1	343,489	0	0
MARATHON PETROLEUM CORP	COM	56585A102	7,240	246,768	SH	SOLE	1	246,768	0	0
MARCUS & MILLICHAP INC	COM	566324109	444	16,143	SH	SOLE	1	16,143	0	0
MARCUS CORPORATION	COM	566330106	120	15,549	SH	SOLE	1	15,549	0	0
MARINE PRODUCTS CORP	COM	568427108	67	4,290	SH	SOLE	1	4,290	0	0
MARINEMAX INC	COM	567908108	368	14,333	SH	SOLE	1	14,333	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q200	192	14,956	SH	SOLE	1	14,956	0	0
MARKEL CORP	COM	570535104	171	176	SH	SOLE	1	176	0	0
MARKER THERAPEUTICS INC	COM	57055L107	27	17,647	SH	SOLE	1	17,647	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	6,941	14,412	SH	SOLE	1	14,412	0	0
MARLIN BUSINESS SERVICES INC	COM	571157106	35	5,003	SH	SOLE	1	5,003	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	9,609	103,790	SH	SOLE	1	103,790	0	0
MARRIOTT VACATIONS	COM	57164Y107	8,985	98,938	SH	SOLE	1	98,938	0	0

WORLD										
MARRONE BIO INNOVATIONS INC	COM	57165B106	49	40,253	SH	SOLE	1	40,253	0	0
MARSH & MCLENNAN COS	COM	571748102	21,398	186,554	SH	SOLE	1	186,554	0	0
MARTEN TRANSPORT LTD	COM	573075108	666	40,815	SH	SOLE	1	40,815	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	5,708	24,250	SH	SOLE	1	24,250	0	0
MARVELL TECHNOLOGY GROUP LTD	COM	G5876H105	341	8,592	SH	SOLE	1	8,592	0	0
MASCO CORP	COM	574599106	6,593	119,594	SH	SOLE	1	119,594	0	0
MASIMO CORP	COM	574795100	22,019	93,278	SH	SOLE	1	93,278	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	1,434	14,571	SH	SOLE	1	14,571	0	0
MASTEC INC	COM	576323109	5,739	136,003	SH	SOLE	1	136,003	0	0
MASTECH DIGITAL INC	COM	57633B100	43	2,371	SH	SOLE	1	2,371	0	0
MASTERCARD INC A	COM	57636Q104	108,200	319,956	SH	SOLE	1	319,956	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	194	11,082	SH	SOLE	1	11,082	0	0
MATADOR RESOURCES CO	COM	576485205	629	76,124	SH	SOLE	1	76,124	0	0
MATCH GROUP INC	COM	57667L107	634	5,728	SH	SOLE	1	5,728	0	0
MATERION CORP	COM	576690101	729	14,015	SH	SOLE	1	14,015	0	0
MATRIX SERVICE CO	COM	576853105	150	17,935	SH	SOLE	1	17,935	0	0
MATSON INC	COM	57686G105	1,185	29,561	SH	SOLE	1	29,561	0	0
MATTEL INC	COM	577081102	7,470	638,474	SH	SOLE	1	638,474	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	472	21,122	SH	SOLE	1	21,122	0	0
MAUI LAND & PINEAPPLE CO	COM	577345101	44	4,030	SH	SOLE	1	4,030	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	912	36,549	SH	SOLE	1	36,549	0	0
MAXEON SOLAR TECHNOLOGIE	LT SHS	Y58473102	97	5,719	SH	SOLE	1	5,719	0	0
MAXIM INTEGRATED PRODUCTS	COM	57772K101	7,107	105,120	SH	SOLE	1	105,120	0	0
MAXIMUS INC	COM	577933104	10,135	148,149	SH	SOLE	1	148,149	0	0
MAXLINEAR INC	COM	57776J100	1,082	46,556	SH	SOLE	1	46,556	0	0
MAYVILLE ENGINEERING CO INC	COM	578605107	40	4,400	SH	SOLE	1	4,400	0	0
MBIA INC	COM	55262C100	193	31,792	SH	SOLE	1	31,792	0	0
MCCORMICK & CO NON VTG SHRS	COM	579780206	9,632	49,623	SH	SOLE	1	49,623	0	0
MCDONALD S CORP	COM	580135101	67,872	309,227	SH	SOLE	1	309,227	0	0
MCGRATH RENTCORP	COM	580589109	860	14,427	SH	SOLE	1	14,427	0	0
MCKESSON CORP	COM	58155Q103	8,186	54,967	SH	SOLE	1	54,967	0	0
MDC HOLDINGS INC	COM	552676108	1,650	35,025	SH	SOLE	1	35,025	0	0
MDU RESOURCES GROUP INC	COM	552690109	8,269	367,525	SH	SOLE	1	367,525	0	0
MEDALLIA INC	COM	584021109	60	2,188	SH	SOLE	1	2,188	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	17,087	969,186	SH	SOLE	1	969,186	0	0
MEDICINOVA INC	COM	58468P206	132	25,193	SH	SOLE	1	25,193	0	0
MEDIFAST INC	COM	58470H101	1,290	7,841	SH	SOLE	1	7,841	0	0
MEDNAX INC	COM	58502B106	4,051	248,806	SH	SOLE	1	248,806	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	7,369	65,945	SH	SOLE	1	65,945	0	0
MEDTRONIC PLC	COM	G5960L103	48,240	464,200	SH	SOLE	1	464,200	0	0
MEI PHARMA INC	COM	55279B202	193	61,779	SH	SOLE	1	61,779	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	163	12,277	SH	SOLE	1	12,277	0	0
MELCO RESORTS & ENTERT ADR	ADR	585464100	488	29,331	SH	SOLE	1	29,331	0	0

MERCADOLIBRE INC	COM	58733R102	3,220	2,975	SH	SOLE	1	2,975	0	0
MERCANTILE BANK CORP	COM	587376104	170	9,451	SH	SOLE	1	9,451	0	0
MERCER INTERNATIONAL INC	COM	588056101	24	3,649	SH	SOLE	1	3,649	0	0
MERCHANTS BANCORP/IN	COM	58844R108	103	5,219	SH	SOLE	1	5,219	0	0
MERCK & CO. INC.	COM	58933Y105	77,160	930,194	SH	SOLE	1	930,194	0	0
MERCURY GENERAL CORP	COM	589400100	2,015	48,714	SH	SOLE	1	48,714	0	0
MERCURY SYSTEMS INC	COM	589378108	7,995	103,211	SH	SOLE	1	103,211	0	0
MEREDITH CORP	COM	589433101	360	27,439	SH	SOLE	1	27,439	0	0
MERIDIAN BANCORP INC	COM	58958U103	290	27,980	SH	SOLE	1	27,980	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	497	29,274	SH	SOLE	1	29,274	0	0
MERIDIAN CORP	COM	58958P104	52	3,212	SH	SOLE	1	3,212	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	1,605	36,905	SH	SOLE	1	36,905	0	0
MERITAGE HOMES CORP	COM	59001A102	2,838	25,710	SH	SOLE	1	25,710	0	0
MERITOR INC	COM	59001K100	1,008	48,159	SH	SOLE	1	48,159	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	593	31,832	SH	SOLE	1	31,832	0	0
MESA AIR GROUP INC	COM	590479135	52	17,621	SH	SOLE	1	17,621	0	0
MESA LABORATORIES INC	COM	59064R109	836	3,280	SH	SOLE	1	3,280	0	0
META FINANCIAL GROUP INC	COM	59100U108	445	23,125	SH	SOLE	1	23,125	0	0
METHODE ELECTRONICS INC	COM	591520200	724	25,415	SH	SOLE	1	25,415	0	0
METLIFE INC	COM	59156R108	9,067	243,925	SH	SOLE	1	243,925	0	0
METROCITY BANKSHARES INC	COM	59165J105	136	10,354	SH	SOLE	1	10,354	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	117	4,188	SH	SOLE	1	4,188	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	8,708	9,017	SH	SOLE	1	9,017	0	0
MFA FINANCIAL INC	COM	55272X102	727	271,411	SH	SOLE	1	271,411	0	0
MGE ENERGY INC	COM	55277P104	1,366	21,794	SH	SOLE	1	21,794	0	0
MGIC INVESTMENT CORP	COM	552848103	1,526	172,198	SH	SOLE	1	172,198	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	2,955	135,860	SH	SOLE	1	135,860	0	0
MGP INGREDIENTS INC	COM	55303J106	355	8,932	SH	SOLE	1	8,932	0	0
MICHAELS COS INC/THE	COM	59408Q106	496	51,360	SH	SOLE	1	51,360	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	10,929	106,353	SH	SOLE	1	106,353	0	0
MICRON TECHNOLOGY INC	COM	595112103	21,749	463,131	SH	SOLE	1	463,131	0	0
MICROSOFT CORP	COM	594918104	633,853	3,013,612	SH	SOLE	1	3,013,612	0	0
MICROSTRATEGY INC CL A	CL A	594972408	795	5,283	SH	SOLE	1	5,283	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	4,495	38,765	SH	SOLE	1	38,765	0	0
MID PENN BANCORP INC	COM	59540G107	72	4,150	SH	SOLE	1	4,150	0	0
MIDDLEBY CORP	COM	596278101	9,145	101,937	SH	SOLE	1	101,937	0	0
MIDDLEFIELD BANC CORP	COM	596304204	69	3,575	SH	SOLE	1	3,575	0	0
MIDDLESEX WATER CO	COM	596680108	634	10,200	SH	SOLE	1	10,200	0	0
MIDLAND STATES BANCORP INC	COM	597742105	165	12,809	SH	SOLE	1	12,809	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	157	8,779	SH	SOLE	1	8,779	0	0
MILESTONE SCIENTIFIC	COM	59935P209	35	25,267	SH	SOLE	1	25,267	0	0

INC										
MILLER INDUSTRIES INC/TENN	COM	600551204	203	6,637	SH	SOLE	1	6,637	0	0
MIMECAST LTD	COM	G14838109	1,603	34,166	SH	SOLE	1	34,166	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	4,214	82,471	SH	SOLE	1	82,471	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	65	20,459	SH	SOLE	1	20,459	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	3,726	22,438	SH	SOLE	1	22,438	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	60	3,109	SH	SOLE	1	3,109	0	0
MISONIX INC	COM	604871103	84	7,186	SH	SOLE	1	7,186	0	0
MISTRAS GROUP INC	COM	60649T107	42	10,838	SH	SOLE	1	10,838	0	0
MITEK SYSTEMS INC	COM	606710200	305	23,939	SH	SOLE	1	23,939	0	0
MKS INSTRUMENTS INC	COM	55306N104	11,095	101,573	SH	SOLE	1	101,573	0	0
MMA CAPITAL HOLDINGS INC	COM	55315D105	64	2,838	SH	SOLE	1	2,838	0	0
MOBILE TELESYSTEMS SP ADR	ADR	607409109	68	7,742	SH	SOLE	1	7,742	0	0
MOBILEIRON INC	COM	60739U204	409	58,319	SH	SOLE	1	58,319	0	0
MODEL N INC	COM	607525102	719	20,388	SH	SOLE	1	20,388	0	0
MODERNA INC	COM	60770K107	2,199	31,086	SH	SOLE	1	31,086	0	0
MODINE MANUFACTURING CO	COM	607828100	185	29,620	SH	SOLE	1	29,620	0	0
MOELIS & CO CLASS A	COM	60786M105	1,110	31,597	SH	SOLE	1	31,597	0	0
MOHAWK INDUSTRIES INC	COM	608190104	1,919	19,666	SH	SOLE	1	19,666	0	0
MOLECULAR TEMPLATES INC	COM	608550109	173	15,833	SH	SOLE	1	15,833	0	0
MOLINA HEALTHCARE INC	COM	60855R100	19,989	109,204	SH	SOLE	1	109,204	0	0
MOLSON COORS BEVERAGE CO B	CL B	60871R209	2,072	61,731	SH	SOLE	1	61,731	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	4,276	81,481	SH	SOLE	1	81,481	0	0
MOMO INC SPON ADR	ADR	60879B107	24	1,746	SH	SOLE	1	1,746	0	0
MONARCH CASINO & RESORT INC	COM	609027107	389	8,720	SH	SOLE	1	8,720	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	30,855	537,068	SH	SOLE	1	537,068	0	0
MONEYGRAM INTERNATIONAL INC	COM	60935Y208	105	37,084	SH	SOLE	1	37,084	0	0
MONGODB INC	COM	60937P106	305	1,316	SH	SOLE	1	1,316	0	0
MONMOUTH REAL ESTATE INV COR	COM	609720107	916	66,133	SH	SOLE	1	66,133	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	21,802	77,972	SH	SOLE	1	77,972	0	0
MONRO INC	COM	610236101	925	22,797	SH	SOLE	1	22,797	0	0
MONSTER BEVERAGE CORP	COM	61174X109	13,366	166,659	SH	SOLE	1	166,659	0	0
MONTAGE RESOURCES CORP	COM	61179L100	56	12,814	SH	SOLE	1	12,814	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	156	6,560	SH	SOLE	1	6,560	0	0
MOODY S CORP	COM	615369105	19,823	68,391	SH	SOLE	1	68,391	0	0
MOOG INC CLASS A	COM	615394202	1,306	20,557	SH	SOLE	1	20,557	0	0
MORGAN STANLEY	COM	617446448	18,319	378,872	SH	SOLE	1	378,872	0	0
MORNINGSTAR INC	COM	617700109	84	520	SH	SOLE	1	520	0	0
MORPHIC HOLDING INC	COM	61775R105	224	8,189	SH	SOLE	1	8,189	0	0
MOSAIC CO/THE	COM	61945C103	2,075	113,568	SH	SOLE	1	113,568	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	202	12,986	SH	SOLE	1	12,986	0	0

MOTOROLA SOLUTIONS INC	COM	620076307	10,042	64,037	SH	SOLE	1	64,037	0	0
MOVADO GROUP INC	COM	624580106	109	10,927	SH	SOLE	1	10,927	0	0
MR COOPER GROUP INC	COM	62482R107	1,171	52,482	SH	SOLE	1	52,482	0	0
MRC GLOBAL INC	COM	55345K103	201	46,986	SH	SOLE	1	46,986	0	0
MSA SAFETY INC	COM	553498106	8,908	66,391	SH	SOLE	1	66,391	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	5,280	83,432	SH	SOLE	1	83,432	0	0
MSCI INC	COM	55354G100	12,926	36,229	SH	SOLE	1	36,229	0	0
MSG NETWORKS INC A	COM	553573106	228	23,817	SH	SOLE	1	23,817	0	0
MTS SYSTEMS CORP	COM	553777103	255	13,324	SH	SOLE	1	13,324	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,047	38,678	SH	SOLE	1	38,678	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	974	93,743	SH	SOLE	1	93,743	0	0
MURPHY OIL CORP	COM	626717102	2,361	264,656	SH	SOLE	1	264,656	0	0
MURPHY USA INC	COM	626755102	8,450	65,878	SH	SOLE	1	65,878	0	0
MUSTANG BIO INC	COM	62818Q104	54	17,128	SH	SOLE	1	17,128	0	0
MVB FINANCIAL CORP	COM	553810102	94	5,897	SH	SOLE	1	5,897	0	0
MYERS INDUSTRIES INC	COM	628464109	327	24,739	SH	SOLE	1	24,739	0	0
MYLAN NV	COM	N59465109	2,523	170,158	SH	SOLE	1	170,158	0	0
MYOKARDIA INC	COM	62857M105	4,135	30,334	SH	SOLE	1	30,334	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	420	11,284	SH	SOLE	1	11,284	0	0
MYRIAD GENETICS INC	COM	62855J104	645	49,467	SH	SOLE	1	49,467	0	0
N B T BANCORP INC	COM	628778102	790	29,456	SH	SOLE	1	29,456	0	0
NABORS INDUSTRIES LTD	COM	G6359F137	117	4,796	SH	SOLE	1	4,796	0	0
NACCO INDUSTRIES CL A	CL A	629579103	41	2,239	SH	SOLE	1	2,239	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	1,010	22,600	SH	SOLE	1	22,600	0	0
NANTHEALTH INC	COM	630104107	38	16,121	SH	SOLE	1	16,121	0	0
NANTKWEST INC	COM	63016Q102	131	18,848	SH	SOLE	1	18,848	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	164	6,960	SH	SOLE	1	6,960	0	0
NASDAQ INC	COM	631103108	7,381	60,149	SH	SOLE	1	60,149	0	0
NATERA INC	COM	632307104	3,058	42,330	SH	SOLE	1	42,330	0	0
NATHAN S FAMOUS INC	COM	632347100	87	1,694	SH	SOLE	1	1,694	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	536	20,422	SH	SOLE	1	20,422	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	97	3,824	SH	SOLE	1	3,824	0	0
NATIONAL BEVERAGE CORP	COM	635017106	554	8,144	SH	SOLE	1	8,144	0	0
NATIONAL CINEMEDIA INC	COM	635309107	101	37,227	SH	SOLE	1	37,227	0	0
NATIONAL ENERGY SERVICES REU	COM	G6375R107	79	12,354	SH	SOLE	1	12,354	0	0
NATIONAL FUEL GAS CO	COM	636180101	6,765	166,659	SH	SOLE	1	166,659	0	0
NATIONAL GENERAL HLDGS	COM	636220303	1,376	40,780	SH	SOLE	1	40,780	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	467	7,502	SH	SOLE	1	7,502	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	8,599	240,878	SH	SOLE	1	240,878	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	1,360	150,114	SH	SOLE	1	150,114	0	0
NATIONAL PRESTO INDS INC	COM	637215104	289	3,530	SH	SOLE	1	3,530	0	0
NATIONAL RESEARCH CORP	COM	637372202	397	8,068	SH	SOLE	1	8,068	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	11,069	320,739	SH	SOLE	1	320,739	0	0

NATIONAL STORAGE AFFILIATES	COM	637870106	1,412	43,174	SH	SOLE	1	43,174	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	1,840	48,112	SH	SOLE	1	48,112	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	281	1,535	SH	SOLE	1	1,535	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,657	27,500	SH	SOLE	1	27,500	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	54	5,455	SH	SOLE	1	5,455	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	61	5,303	SH	SOLE	1	5,303	0	0
NATUS MEDICAL INC	COM	639050103	398	23,245	SH	SOLE	1	23,245	0	0
NAUTILUS INC	COM	63910B102	304	17,717	SH	SOLE	1	17,717	0	0
NAVIENT CORP	COM	63938C108	3,950	467,404	SH	SOLE	1	467,404	0	0
NAVISTAR INTERNATIONAL CORP	COM	63934E108	1,300	29,851	SH	SOLE	1	29,851	0	0
NCINO INC	COM	63947U107	15	184	SH	SOLE	1	184	0	0
NCR CORPORATION	COM	62886E108	5,210	235,330	SH	SOLE	1	235,330	0	0
NEENAH INC	COM	640079109	434	11,581	SH	SOLE	1	11,581	0	0
NEKTAR THERAPEUTICS	COM	640268108	5,439	327,835	SH	SOLE	1	327,835	0	0
NELNET INC CL A	CL A	64031N108	621	10,300	SH	SOLE	1	10,300	0	0
NEMAURA MEDICAL INC	COM	640442208	16	4,421	SH	SOLE	1	4,421	0	0
NEOGEN CORP	COM	640491106	2,852	36,444	SH	SOLE	1	36,444	0	0
NEOGENOMICS INC	COM	64049M209	2,662	72,147	SH	SOLE	1	72,147	0	0
NEOLEUKIN THERAPEUTICS INC	COM	64049K104	231	19,264	SH	SOLE	1	19,264	0	0
NEOPHOTONICS CORP	COM	64051T100	179	29,340	SH	SOLE	1	29,340	0	0
NESCO HOLDINGS INC	COM	64083J104	33	7,929	SH	SOLE	1	7,929	0	0
NETAPP INC	COM	64110D104	160,125	3,652,474	SH	SOLE	1	3,652,474	0	0
NETEASE INC ADR	ADR	64110W102	2,458	5,407	SH	SOLE	1	5,407	0	0
NETFLIX INC	COM	64110L106	92,313	184,615	SH	SOLE	1	184,615	0	0
NETGEAR INC	COM	64111Q104	631	20,463	SH	SOLE	1	20,463	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	3,786	173,430	SH	SOLE	1	173,430	0	0
NETSTREIT CORP	COM	64119V303	131	7,176	SH	SOLE	1	7,176	0	0
NEUBASE THERAPEUTICS INC	COM	64132K102	76	10,040	SH	SOLE	1	10,040	0	0
NEUROBO PHARMACEUTICALS INC	COM	64132R107	14	2,559	SH	SOLE	1	2,559	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	232	2,407	SH	SOLE	1	2,407	0	0
NEVRO CORP	COM	64157F103	2,797	20,079	SH	SOLE	1	20,079	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	6,257	231,585	SH	SOLE	1	231,585	0	0
NEW ORIENTAL EDUCATIO SP ADR	SPON ADR	647581107	289	1,936	SH	SOLE	1	1,936	0	0
NEW RELIC INC	COM	64829B100	76	1,339	SH	SOLE	1	1,339	0	0
NEW RESIDENTIAL INVESTMENT	COM	64828T201	43	5,397	SH	SOLE	1	5,397	0	0
NEW SENIOR INVESTMENT GROUP	COM	648691103	196	49,010	SH	SOLE	1	49,010	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	7,031	850,125	SH	SOLE	1	850,125	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	667	261,437	SH	SOLE	1	261,437	0	0
NEW YORK TIMES CO A	COM	650111107	11,334	264,875	SH	SOLE	1	264,875	0	0
NEWAGE INC	COM	650194103	98	56,626	SH	SOLE	1	56,626	0	0
NEWELL BRANDS INC	COM	651229106	3,487	203,211	SH	SOLE	1	203,211	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	369	85,418	SH	SOLE	1	85,418	0	0
NEWMARKET CORP	COM	651587107	4,616	13,484	SH	SOLE	1	13,484	0	0
NEWMONT CORP	COM	651639106	16,110	253,902	SH	SOLE	1	253,902	0	0

NEWPARK RESOURCES INC	COM	651718504	65	61,526	SH	SOLE	1	61,526	0	0
NEWS CORP CLASS A	COM	65249B109	1,795	128,042	SH	SOLE	1	128,042	0	0
NEWS CORP CLASS B	COM	65249B208	560	40,081	SH	SOLE	1	40,081	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	665	14,991	SH	SOLE	1	14,991	0	0
NEXSTAR MEDIA GROUP INC CL A	CL A	65336K103	86	953	SH	SOLE	1	953	0	0
NEXTCURE INC	COM	65343E108	87	9,853	SH	SOLE	1	9,853	0	0
NEXTDECADE CORP	COM	65342K105	37	12,567	SH	SOLE	1	12,567	0	0
NEXTERA ENERGY INC	COM	65339F101	43,051	155,104	SH	SOLE	1	155,104	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	490	38,479	SH	SOLE	1	38,479	0	0
NEXTIER OILFIELD SOLUTIONS I	COM	65290C105	179	96,765	SH	SOLE	1	96,765	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	227	14,259	SH	SOLE	1	14,259	0	0
NI HOLDINGS INC	COM	65342T106	91	5,408	SH	SOLE	1	5,408	0	0
NIC INC	COM	62914B100	897	45,537	SH	SOLE	1	45,537	0	0
NICOLET BANKSHARES INC	COM	65406E102	305	5,586	SH	SOLE	1	5,586	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	1,768	124,662	SH	SOLE	1	124,662	0	0
NIKE INC CL B	COM	654106103	49,529	394,526	SH	SOLE	1	394,526	0	0
NIO INC ADR	ADR	62914V106	257	12,129	SH	SOLE	1	12,129	0	0
NISOURCE INC	COM	65473P105	3,016	137,108	SH	SOLE	1	137,108	0	0
NKARTA INC	COM	65487U108	292	9,720	SH	SOLE	1	9,720	0	0
NL INDUSTRIES	COM	629156407	21	5,008	SH	SOLE	1	5,008	0	0
NLIGHT INC	COM	65487K100	489	20,837	SH	SOLE	1	20,837	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,015	57,008	SH	SOLE	1	57,008	0	0
NN INC	COM	629337106	130	25,099	SH	SOLE	1	25,099	0	0
NOAH HOLDINGS LTD SPON ADS	ADR	65487X102	8	301	SH	SOLE	1	301	0	0
NOBLE ENERGY INC	COM	655044105	1,488	174,046	SH	SOLE	1	174,046	0	0
NOODLES & CO	COM	65540B105	128	18,683	SH	SOLE	1	18,683	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	301	86,241	SH	SOLE	1	86,241	0	0
NORDSON CORP	COM	655663102	19,103	99,589	SH	SOLE	1	99,589	0	0
NORDSTROM INC	COM	655664100	2,369	198,759	SH	SOLE	1	198,759	0	0
NORFOLK SOUTHERN CORP	COM	655844108	19,770	92,386	SH	SOLE	1	92,386	0	0
NORTHEAST BANK	COM	66405S100	84	4,589	SH	SOLE	1	4,589	0	0
NORTHERN TRUST CORP	COM	665859104	6,496	83,319	SH	SOLE	1	83,319	0	0
NORTHFIELD BANCORP INC	COM	66611T108	300	32,935	SH	SOLE	1	32,935	0	0
NORTHRIM BANCORP INC	COM	666762109	95	3,739	SH	SOLE	1	3,739	0	0
NORTHROP GRUMMAN CORP	COM	666807102	15,520	49,194	SH	SOLE	1	49,194	0	0
NORTHWEST BANCSHARES INC	COM	667340103	754	81,902	SH	SOLE	1	81,902	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	955	21,037	SH	SOLE	1	21,037	0	0
NORTHWEST PIPE CO	COM	667746101	152	5,752	SH	SOLE	1	5,752	0	0
NORTHWESTERN CORP	COM	668074305	5,954	122,407	SH	SOLE	1	122,407	0	0
NORTONLIFELOCK INC	COM	668771108	14,563	698,806	SH	SOLE	1	698,806	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	1,552	90,726	SH	SOLE	1	90,726	0	0
NORWOOD FINANCIAL CORP	COM	669549107	85	3,479	SH	SOLE	1	3,479	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	1,690	142,127	SH	SOLE	1	142,127	0	0
NOVANTA INC	COM	67000B104	2,156	20,464	SH	SOLE	1	20,464	0	0

NOVAVAX INC	COM	670002401	3,994	36,860	SH	SOLE	1	36,860	0	0
NOVOCURE LTD	COM	G6674U108	289	2,600	SH	SOLE	1	2,600	0	0
NOW INC	COM	67011P100	343	75,605	SH	SOLE	1	75,605	0	0
NRG ENERGY INC	COM	629377508	4,252	138,320	SH	SOLE	1	138,320	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	4,718	94,186	SH	SOLE	1	94,186	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	122	3,663	SH	SOLE	1	3,663	0	0
NUCOR CORP	COM	670346105	6,158	137,266	SH	SOLE	1	137,266	0	0
NURIX THERAPEUTICS INC	COM	67080M103	232	6,641	SH	SOLE	1	6,641	0	0
NUTANIX INC A	COM	67059N108	106	4,789	SH	SOLE	1	4,789	0	0
NUVASIVE INC	COM	670704105	6,023	124,004	SH	SOLE	1	124,004	0	0
NV5 GLOBAL INC	COM	62945V109	344	6,517	SH	SOLE	1	6,517	0	0
NVE CORP	COM	629445206	140	2,852	SH	SOLE	1	2,852	0	0
NVENT ELECTRIC PLC	COM	G6700G107	5,507	311,278	SH	SOLE	1	311,278	0	0
NVIDIA CORP	COM	67066G104	139,397	257,560	SH	SOLE	1	257,560	0	0
NVR INC	COM	62944T105	4,704	1,152	SH	SOLE	1	1,152	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	2,086	16,710	SH	SOLE	1	16,710	0	0
NYMOX PHARMACEUTICAL CORP	COM	P73398102	62	24,998	SH	SOLE	1	24,998	0	0
O I GLASS INC	COM	67098H104	4,018	379,369	SH	SOLE	1	379,369	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	15,093	32,734	SH	SOLE	1	32,734	0	0
OAK STREET HEALTH INC	COM	67181A107	18	345	SH	SOLE	1	345	0	0
OAK VALLEY BANCORP	COM	671807105	47	4,086	SH	SOLE	1	4,086	0	0
OASIS PETROLEUM INC	COM	674215108	8	27,264	SH	SOLE	1	27,264	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	3,287	328,345	SH	SOLE	1	328,345	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599162	133	44,407	SH	SOLE	1	44,407	0	0
OCEANEERING INTL INC	COM	675232102	241	68,524	SH	SOLE	1	68,524	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	486	35,473	SH	SOLE	1	35,473	0	0
OCONEE FEDERAL FINANCIAL COR	COM	675607105	14	626	SH	SOLE	1	626	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	275	36,170	SH	SOLE	1	36,170	0	0
ODONATE THERAPEUTICS INC	COM	676079106	105	7,819	SH	SOLE	1	7,819	0	0
ODP CORP/THE	COM	88337F105	702	36,100	SH	SOLE	1	36,100	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	685	33,059	SH	SOLE	1	33,059	0	0
OFG BANCORP	COM	67103X102	436	35,010	SH	SOLE	1	35,010	0	0
OGE ENERGY CORP	COM	670837103	11,003	366,891	SH	SOLE	1	366,891	0	0
OHIO VALLEY BANC CORP	COM	677719106	53	2,568	SH	SOLE	1	2,568	0	0
OIL DRI CORP OF AMERICA	COM	677864100	109	3,043	SH	SOLE	1	3,043	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	114	41,639	SH	SOLE	1	41,639	0	0
OKTA INC	COM	679295105	644	3,010	SH	SOLE	1	3,010	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	5,953	32,902	SH	SOLE	1	32,902	0	0
OLD NATIONAL BANCORP	COM	680033107	1,423	113,311	SH	SOLE	1	113,311	0	0
OLD REPUBLIC INTL CORP	COM	680223104	7,639	518,267	SH	SOLE	1	518,267	0	0
OLD SECOND BANCORP INC	COM	680277100	129	17,205	SH	SOLE	1	17,205	0	0
OLIN CORP	COM	680665205	3,224	260,419	SH	SOLE	1	260,419	0	0
OLLIE S BARGAIN	COM	681116109	9,159	104,859	SH	SOLE	1	104,859	0	0

OUTLET HOLDI											
OLYMPIC STEEL INC	COM	68162K106	72	6,299	SH	SOLE	1	6,299	0	0	
OMEGA FLEX INC	COM	682095104	272	1,737	SH	SOLE	1	1,737	0	0	
OMEGA HEALTHCARE INVESTORS	COM	681936100	12,556	419,376	SH	SOLE	1	419,376	0	0	
OMEROS CORP	COM	682143102	357	35,339	SH	SOLE	1	35,339	0	0	
OMNICELL INC	COM	68213N109	2,191	29,345	SH	SOLE	1	29,345	0	0	
OMNICOM GROUP	COM	681919106	148,129	2,992,509	SH	SOLE	1	2,992,509	0	0	
ON SEMICONDUCTOR CORP	COM	682189105	115	5,286	SH	SOLE	1	5,286	0	0	
ONCOCYTE CORP	COM	68235C107	52	37,614	SH	SOLE	1	37,614	0	0	
ONE GAS INC	COM	68235P108	8,810	127,665	SH	SOLE	1	127,665	0	0	
ONE LIBERTY PROPERTIES INC	COM	682406103	157	9,581	SH	SOLE	1	9,581	0	0	
ONEMAIN HOLDINGS INC	COM	68268W103	821	26,285	SH	SOLE	1	26,285	0	0	
ONEOK INC	COM	682680103	4,657	179,250	SH	SOLE	1	179,250	0	0	
ONESPAN INC	COM	68287N100	484	23,090	SH	SOLE	1	23,090	0	0	
ONESPAWORLD HOLDINGS LTD	COM	P73684113	176	27,020	SH	SOLE	1	27,020	0	0	
ONEWATER MARINE INC CL A	CL A	68280L101	64	3,100	SH	SOLE	1	3,100	0	0	
ONTO INNOVATION INC	COM	683344105	979	32,875	SH	SOLE	1	32,875	0	0	
ONTRAK INC	COM	683373104	286	4,767	SH	SOLE	1	4,767	0	0	
OOMA INC	COM	683416101	162	12,413	SH	SOLE	1	12,413	0	0	
OP BANCORP	COM	67109R109	42	7,299	SH	SOLE	1	7,299	0	0	
OPKO HEALTH INC	COM	68375N103	878	237,843	SH	SOLE	1	237,843	0	0	
OPORTUN FINANCIAL CORP	COM	68376D104	137	11,625	SH	SOLE	1	11,625	0	0	
OPPENHEIMER HOLDINGS CL A	CL A	683797104	124	5,549	SH	SOLE	1	5,549	0	0	
OPTIMIZERX CORP	COM	68401U204	182	8,712	SH	SOLE	1	8,712	0	0	
OPTINOSE INC	COM	68404V100	82	20,900	SH	SOLE	1	20,900	0	0	
OPTION CARE HEALTH INC	COM	68404L201	351	26,283	SH	SOLE	1	26,283	0	0	
ORACLE CORP	COM	68389X105	36,569	612,541	SH	SOLE	1	612,541	0	0	
ORASURE TECHNOLOGIES INC	COM	68554V108	598	49,115	SH	SOLE	1	49,115	0	0	
ORBCOMM INC	COM	68555P100	151	44,266	SH	SOLE	1	44,266	0	0	
ORCHID ISLAND CAPITAL INC	COM	68571X103	199	39,789	SH	SOLE	1	39,789	0	0	
ORGANOGENESIS HOLDINGS INC	COM	68621F102	47	12,103	SH	SOLE	1	12,103	0	0	
ORGENESIS INC	COM	68619K204	55	10,806	SH	SOLE	1	10,806	0	0	
ORIC PHARMACEUTICALS INC	COM	68622P109	130	5,207	SH	SOLE	1	5,207	0	0	
ORIGIN BANCORP INC	COM	68621T102	281	13,145	SH	SOLE	1	13,145	0	0	
ORION ENERGY SYSTEMS INC	COM	686275108	122	16,169	SH	SOLE	1	16,169	0	0	
ORION ENGINEERED CARBONS SA	COM	L72967109	451	36,046	SH	SOLE	1	36,046	0	0	
ORMAT TECHNOLOGIES INC	COM	686688102	1,415	23,930	SH	SOLE	1	23,930	0	0	
ORRSTOWN FINL SERVICES INC	COM	687380105	83	6,505	SH	SOLE	1	6,505	0	0	
ORTHOFIX MEDICAL INC	COM	68752M108	403	12,948	SH	SOLE	1	12,948	0	0	
ORTHOPEDIATRICS CORP	COM	68752L100	360	7,840	SH	SOLE	1	7,840	0	0	
OSHKOSH CORP	COM	688239201	9,175	124,828	SH	SOLE	1	124,828	0	0	
OSI SYSTEMS INC	COM	671044105	906	11,679	SH	SOLE	1	11,679	0	0	
OSMOTICA PHARMACEUTICALS PLC	COM	G6S41R101	42	7,738	SH	SOLE	1	7,738	0	0	

OTIS WORLDWIDE CORP	COM	68902V107	9,661	154,779	SH	SOLE	1	154,779	0	0
OTTER TAIL CORP	COM	689648103	877	24,246	SH	SOLE	1	24,246	0	0
OUTFRONT MEDIA INC	COM	69007J106	106	7,275	SH	SOLE	1	7,275	0	0
OVERSEAS SHIPHOLDING GROUP A	COM	69036R863	85	39,476	SH	SOLE	1	39,476	0	0
OVERSTOCK.COM INC	COM	690370101	1,853	25,512	SH	SOLE	1	25,512	0	0
OVID THERAPEUTICS INC	COM	690469101	147	25,600	SH	SOLE	1	25,600	0	0
OVINTIV INC	COM	69047Q102	1,278	156,571	SH	SOLE	1	156,571	0	0
OWENS & MINOR INC	COM	690732102	1,094	43,569	SH	SOLE	1	43,569	0	0
OWENS CORNING	COM	690742101	13,622	197,967	SH	SOLE	1	197,967	0	0
OXFORD INDUSTRIES INC	COM	691497309	458	11,350	SH	SOLE	1	11,350	0	0
OYSTER POINT PHARMA INC	COM	69242L106	76	3,621	SH	SOLE	1	3,621	0	0
P G & E CORP	COM	69331C108	159	16,879	SH	SOLE	1	16,879	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	41	1,081	SH	SOLE	1	1,081	0	0
PACCAR INC	COM	693718108	13,816	162,008	SH	SOLE	1	162,008	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	985	99,772	SH	SOLE	1	99,772	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,139	56,530	SH	SOLE	1	56,530	0	0
PACIRA BIOSCIENCES INC	COM	695127100	1,745	29,032	SH	SOLE	1	29,032	0	0
PACKAGING CORP OF AMERICA	COM	695156109	5,653	51,836	SH	SOLE	1	51,836	0	0
PACWEST BANCORP	COM	695263103	4,605	269,621	SH	SOLE	1	269,621	0	0
PAE INC	CL A	69290Y109	300	35,322	SH	SOLE	1	35,322	0	0
PAGERDUTY INC	COM	69553P100	49	1,792	SH	SOLE	1	1,792	0	0
PALO ALTO NETWORKS INC	COM	697435105	606	2,475	SH	SOLE	1	2,475	0	0
PALOMAR HOLDINGS INC	COM	69753M105	1,472	14,119	SH	SOLE	1	14,119	0	0
PANDION THERAPEUTICS INC	COM	698340106	51	4,471	SH	SOLE	1	4,471	0	0
PANGAEA LOGISTICS SOLUTIONS	L SHS	G6891L105	16	6,323	SH	SOLE	1	6,323	0	0
PAPA JOHN S INTL INC	COM	698813102	6,524	79,288	SH	SOLE	1	79,288	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	187	27,616	SH	SOLE	1	27,616	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	389	9,613	SH	SOLE	1	9,613	0	0
PARAMOUNT GROUP INC	COM	69924R108	18	2,465	SH	SOLE	1	2,465	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	141	26,080	SH	SOLE	1	26,080	0	0
PARK AEROSPACE CORP	COM	70014A104	147	13,498	SH	SOLE	1	13,498	0	0
PARK CITY GROUP INC	COM	700215304	36	7,378	SH	SOLE	1	7,378	0	0
PARK HOTELS & RESORTS INC	COM	700517105	4,314	431,837	SH	SOLE	1	431,837	0	0
PARK NATIONAL CORP	COM	700658107	810	9,882	SH	SOLE	1	9,882	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	84	5,220	SH	SOLE	1	5,220	0	0
PARKE BANCORP INC	COM	700885106	75	6,318	SH	SOLE	1	6,318	0	0
PARKER HANNIFIN CORP	COM	701094104	10,132	50,075	SH	SOLE	1	50,075	0	0
PARSLEY ENERGY INC CLASS A	COM	701877102	37	3,921	SH	SOLE	1	3,921	0	0
PARSONS CORP	COM	70202L102	452	13,483	SH	SOLE	1	13,483	0	0
PARTNERS BANCORP	COM	70213Q108	33	5,904	SH	SOLE	1	5,904	0	0
PASSAGE BIO INC	COM	702712100	107	8,122	SH	SOLE	1	8,122	0	0
PATRICK INDUSTRIES INC	COM	703343103	885	15,388	SH	SOLE	1	15,388	0	0

PATTERSON COS INC	COM	703395103	5,027	208,549	SH	SOLE	1	208,549	0	0
PATTERSON UTI ENERGY INC	COM	703481101	362	126,830	SH	SOLE	1	126,830	0	0
PAVMED INC	COM	70387R106	39	21,837	SH	SOLE	1	21,837	0	0
PAYCHEX INC	COM	704326107	200,281	2,510,732	SH	SOLE	1	2,510,732	0	0
PAYCOM SOFTWARE INC	COM	70432V102	5,238	16,825	SH	SOLE	1	16,825	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	11,054	68,479	SH	SOLE	1	68,479	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	96,994	492,278	SH	SOLE	1	492,278	0	0
PAYSIGN INC	COM	70451A104	105	18,412	SH	SOLE	1	18,412	0	0
PBF ENERGY INC CLASS A	COM	69318G106	379	66,617	SH	SOLE	1	66,617	0	0
PC CONNECTION INC	COM	69318J100	313	7,611	SH	SOLE	1	7,611	0	0
PCB BANCORP	COM	69320M109	66	7,450	SH	SOLE	1	7,450	0	0
PCSB FINANCIAL CORP	COM	69324R104	107	8,851	SH	SOLE	1	8,851	0	0
PCTEL INC	COM	69325Q105	60	10,533	SH	SOLE	1	10,533	0	0
PDC ENERGY INC	COM	69327R101	854	68,869	SH	SOLE	1	68,869	0	0
PDF SOLUTIONS INC	COM	693282105	374	19,984	SH	SOLE	1	19,984	0	0
PDL BIOPHARMA INC	COM	69329Y104	210	66,592	SH	SOLE	1	66,592	0	0
PDL COMMUNITY BANCORP	COM	69290X101	40	4,488	SH	SOLE	1	4,488	0	0
PEABODY ENERGY CORP	COM	704551100	86	37,527	SH	SOLE	1	37,527	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	166	10,938	SH	SOLE	1	10,938	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	3,960	316,002	SH	SOLE	1	316,002	0	0
PEGASYSTEMS INC	COM	705573103	119	979	SH	SOLE	1	979	0	0
PELOTON INTERACTIVE INC A	CL A	70614W100	157	1,586	SH	SOLE	1	1,586	0	0
PENN NATIONAL GAMING INC	COM	707569109	25,671	353,112	SH	SOLE	1	353,112	0	0
PENN VIRGINIA CORP	COM	70788V102	94	9,549	SH	SOLE	1	9,549	0	0
PENNANT GROUP INC/THE	COM	70805E109	677	17,568	SH	SOLE	1	17,568	0	0
PENNS WOODS BANCORP INC	COM	708430103	81	4,091	SH	SOLE	1	4,091	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	1,475	25,381	SH	SOLE	1	25,381	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	1,100	68,459	SH	SOLE	1	68,459	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	20	415	SH	SOLE	1	415	0	0
PENTAIR PLC	COM	G7S00T104	2,499	54,604	SH	SOLE	1	54,604	0	0
PENUMBRA INC	COM	70975L107	12,046	61,973	SH	SOLE	1	61,973	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	1,441	139,807	SH	SOLE	1	139,807	0	0
PEOPLES BANCORP INC	COM	709789101	211	11,041	SH	SOLE	1	11,041	0	0
PEOPLES BANCORP OF NC	COM	710577107	41	2,672	SH	SOLE	1	2,672	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	145	4,177	SH	SOLE	1	4,177	0	0
PEPSICO INC	COM	713448108	89,821	648,057	SH	SOLE	1	648,057	0	0
PERDOCEO EDUCATION CORP	COM	71363P106	585	47,781	SH	SOLE	1	47,781	0	0
PERFICIENT INC	COM	71375U101	964	22,550	SH	SOLE	1	22,550	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	2,713	78,354	SH	SOLE	1	78,354	0	0
PERKINELMER INC	COM	714046109	4,996	39,804	SH	SOLE	1	39,804	0	0
PERRIGO CO PLC	COM	G97822103	2,856	62,217	SH	SOLE	1	62,217	0	0
PERSONALIS INC	COM	71535D106	307	14,174	SH	SOLE	1	14,174	0	0
PERSPECTA INC	COM	715347100	6,456	331,945	SH	SOLE	1	331,945	0	0
PETIQ INC	COM	71639T106	415	12,598	SH	SOLE	1	12,598	0	0
PETMED EXPRESS INC	COM	716382106	429	13,561	SH	SOLE	1	13,561	0	0

PFIZER INC	COM	717081103	250,405	6,823,029	SH	SOLE	1	6,823,029	0	0
PFSWEB INC	COM	717098206	64	9,515	SH	SOLE	1	9,515	0	0
PGT INNOVATIONS INC	COM	69336V101	693	39,546	SH	SOLE	1	39,546	0	0
PHASEBIO PHARMACEUTICALS INC	COM	717224109	32	9,122	SH	SOLE	1	9,122	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	236	6,424	SH	SOLE	1	6,424	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	245	14,072	SH	SOLE	1	14,072	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	194,425	2,592,682	SH	SOLE	1	2,592,682	0	0
PHILLIPS 66	COM	718546104	8,328	160,642	SH	SOLE	1	160,642	0	0
PHOTRONICS INC	COM	719405102	437	43,870	SH	SOLE	1	43,870	0	0
PHREESIA INC	COM	71944F106	549	17,092	SH	SOLE	1	17,092	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	9,155	511,184	SH	SOLE	1	511,184	0	0
PICO HOLDINGS INC	COM	693366205	91	10,098	SH	SOLE	1	10,098	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	1,024	75,480	SH	SOLE	1	75,480	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	61	29,667	SH	SOLE	1	29,667	0	0
PILGRIM S PRIDE CORP	COM	72147K108	1,343	89,716	SH	SOLE	1	89,716	0	0
PINDUODUO INC ADR	ADR	722304102	1,540	20,772	SH	SOLE	1	20,772	0	0
PING IDENTITY HOLDING CORP	COM	72341T103	684	21,905	SH	SOLE	1	21,905	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	4,947	138,990	SH	SOLE	1	138,990	0	0
PINNACLE WEST CAPITAL	COM	723484101	2,762	37,052	SH	SOLE	1	37,052	0	0
PINTEREST INC CLASS A	CL A	72352L106	399	9,616	SH	SOLE	1	9,616	0	0
PIONEER BANCORP INC/NY	COM	723561106	62	6,938	SH	SOLE	1	6,938	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	5,578	64,867	SH	SOLE	1	64,867	0	0
PIPER SANDLER COS	COM	724078100	853	11,688	SH	SOLE	1	11,688	0	0
PITNEY BOWES INC	COM	724479100	635	119,604	SH	SOLE	1	119,604	0	0
PIXELWORKS INC	COM	72581M305	48	23,341	SH	SOLE	1	23,341	0	0
PJT PARTNERS INC A	COM	69343T107	853	14,078	SH	SOLE	1	14,078	0	0
PLANET FITNESS INC CL A	CL A	72703H101	101	1,642	SH	SOLE	1	1,642	0	0
PLANTRONICS INC	COM	727493108	283	23,877	SH	SOLE	1	23,877	0	0
PLAYAGS INC	COM	72814N104	56	15,909	SH	SOLE	1	15,909	0	0
PLEXUS CORP	COM	729132100	1,403	19,863	SH	SOLE	1	19,863	0	0
PLIANT THERAPEUTICS INC	COM	729139105	141	6,229	SH	SOLE	1	6,229	0	0
PLUG POWER INC	COM	72919P202	2,733	203,834	SH	SOLE	1	203,834	0	0
PLUMAS BANCORP	COM	729273102	55	2,779	SH	SOLE	1	2,779	0	0
PLURALSIGHT INC A	COM	72941B106	47	2,731	SH	SOLE	1	2,731	0	0
PLYMOUTH INDUSTRIAL REIT INC	COM	729640102	117	9,482	SH	SOLE	1	9,482	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	19,583	178,172	SH	SOLE	1	178,172	0	0
PNM RESOURCES INC	COM	69349H107	7,955	192,477	SH	SOLE	1	192,477	0	0
POLARIS INC	COM	731068102	9,978	105,769	SH	SOLE	1	105,769	0	0
POOL CORP	COM	73278L105	24,739	73,948	SH	SOLE	1	73,948	0	0
POPULAR INC	COM	733174700	39	1,080	SH	SOLE	1	1,080	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	1,911	53,818	SH	SOLE	1	53,818	0	0
POSEIDA THERAPEUTICS INC	COM	73730P108	71	8,030	SH	SOLE	1	8,030	0	0
POST HOLDINGS INC	COM	737446104	9,926	115,419	SH	SOLE	1	115,419	0	0
POTLATCHDELTIC CORP	COM	737630103	6,774	160,891	SH	SOLE	1	160,891	0	0

POWELL INDUSTRIES INC	COM	739128106	149	6,178	SH	SOLE	1	6,178	0	0
POWER INTEGRATIONS INC	COM	739276103	2,259	40,773	SH	SOLE	1	40,773	0	0
POWERFLEET INC	COM	73931J109	96	17,017	SH	SOLE	1	17,017	0	0
PPD INC	COM	69355F102	143	3,857	SH	SOLE	1	3,857	0	0
PPG INDUSTRIES INC	COM	693506107	10,820	88,626	SH	SOLE	1	88,626	0	0
PPL CORP	COM	69351T106	8,238	302,771	SH	SOLE	1	302,771	0	0
PQ GROUP HOLDINGS INC	COM	73943T103	236	22,949	SH	SOLE	1	22,949	0	0
PRA GROUP INC	COM	69354N106	1,246	31,194	SH	SOLE	1	31,194	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	11,963	117,931	SH	SOLE	1	117,931	0	0
PRECIGEN INC	COM	74017N105	139	39,604	SH	SOLE	1	39,604	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	171	27,800	SH	SOLE	1	27,800	0	0
PREFERRED APARTMENT COMMUN A	COM	74039L103	154	28,447	SH	SOLE	1	28,447	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	305	9,493	SH	SOLE	1	9,493	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	88	1,800	SH	SOLE	1	1,800	0	0
PREMIER FINANCIAL BANCORP	COM	74050M105	84	7,805	SH	SOLE	1	7,805	0	0
PREMIER FINANCIAL CORP	COM	74052F108	345	22,140	SH	SOLE	1	22,140	0	0
PREMIER INC CLASS A	COM	74051N102	26	802	SH	SOLE	1	802	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	4,423	121,431	SH	SOLE	1	121,431	0	0
PREVAIL THERAPEUTICS INC	COM	74140Y101	87	8,539	SH	SOLE	1	8,539	0	0
PRICESMART INC	COM	741511109	1,047	15,752	SH	SOLE	1	15,752	0	0
PRIMEENERGY RESOURCES CORP	COM	74158E104	21	311	SH	SOLE	1	311	0	0
PRIMERICA INC	COM	74164M108	8,232	72,756	SH	SOLE	1	72,756	0	0
PRIMO WATER CORP	COM	74167P108	1,327	93,440	SH	SOLE	1	93,440	0	0
PRIMORIS SERVICES CORP	COM	74164F103	518	28,695	SH	SOLE	1	28,695	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	3,393	84,257	SH	SOLE	1	84,257	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	14	4,564	SH	SOLE	1	4,564	0	0
PROASSURANCE CORP	COM	74267C106	579	37,027	SH	SOLE	1	37,027	0	0
PROCTER & GAMBLE CO/THE	COM	742718109	145,869	1,049,489	SH	SOLE	1	1,049,489	0	0
PROFESSIONAL HOLDING CORP A	COM	743139107	92	6,826	SH	SOLE	1	6,826	0	0
PROGENITY INC	COM	74319F107	19	2,074	SH	SOLE	1	2,074	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,137	30,990	SH	SOLE	1	30,990	0	0
PROGRESSIVE CORP	COM	743315103	21,782	230,082	SH	SOLE	1	230,082	0	0
PROGYNY INC	COM	74340E103	470	15,968	SH	SOLE	1	15,968	0	0
PROLOGIS INC	COM	74340W103	27,460	272,909	SH	SOLE	1	272,909	0	0
PROOFPOINT INC	COM	743424103	156	1,481	SH	SOLE	1	1,481	0	0
PROPETRO HOLDING CORP	COM	74347M108	225	55,380	SH	SOLE	1	55,380	0	0
PROS HOLDINGS INC	COM	74346Y103	750	23,480	SH	SOLE	1	23,480	0	0
PROSIGHT GLOBAL INC	COM	74349J103	63	5,575	SH	SOLE	1	5,575	0	0
PROSPERITY BANCSHARES INC	COM	743606105	8,800	169,794	SH	SOLE	1	169,794	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	354	18,115	SH	SOLE	1	18,115	0	0
PROTARA THERAPEUTIC INC	COM	74365U107	20	1,206	SH	SOLE	1	1,206	0	0

PROTECTIVE INSURANCE CORP B	COM	74368L203	71	5,370	SH	SOLE	1	5,370	0	0
PROTHENA CORP PLC	COM	G72800108	184	18,398	SH	SOLE	1	18,398	0	0
PROTO LABS INC	COM	743713109	2,390	18,455	SH	SOLE	1	18,455	0	0
PROVENTION BIO INC	COM	74374N102	365	28,463	SH	SOLE	1	28,463	0	0
PROVIDENCE SERVICE CORP	COM	743815102	777	8,359	SH	SOLE	1	8,359	0	0
PROVIDENT BANCORP INC	COM	74383L105	40	5,165	SH	SOLE	1	5,165	0	0
PROVIDENT FINANCIAL HLDGS	COM	743868101	43	3,581	SH	SOLE	1	3,581	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	606	49,707	SH	SOLE	1	49,707	0	0
PRUDENTIAL BANCORP INC	COM	74431A101	50	4,767	SH	SOLE	1	4,767	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	10,512	165,483	SH	SOLE	1	165,483	0	0
PS BUSINESS PARKS INC/CA	COM	69360J107	5,940	48,532	SH	SOLE	1	48,532	0	0
PTC INC	COM	69370C100	15,958	192,919	SH	SOLE	1	192,919	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,728	36,954	SH	SOLE	1	36,954	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	9,142	166,488	SH	SOLE	1	166,488	0	0
PUBLIC STORAGE	COM	74460D109	11,839	53,158	SH	SOLE	1	53,158	0	0
PULSE BIOSCIENCES INC	COM	74587B101	97	8,192	SH	SOLE	1	8,192	0	0
PULTEGROUP INC	COM	745867101	4,100	88,576	SH	SOLE	1	88,576	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	184	18,264	SH	SOLE	1	18,264	0	0
PURE CYCLE CORP	COM	746228303	105	11,612	SH	SOLE	1	11,612	0	0
PURE STORAGE INC CLASS A	COM	74624M102	76	4,963	SH	SOLE	1	4,963	0	0
PURPLE INNOVATION INC	COM	74640Y106	330	13,254	SH	SOLE	1	13,254	0	0
PVH CORP	COM	693656100	1,501	25,168	SH	SOLE	1	25,168	0	0
PZENA INVESTMENT MANAGM CL A	CL A	74731Q103	54	10,125	SH	SOLE	1	10,125	0	0
Q2 HOLDINGS INC	COM	74736L109	2,707	29,664	SH	SOLE	1	29,664	0	0
QAD INC A	COM	74727D306	292	6,912	SH	SOLE	1	6,912	0	0
QCR HOLDINGS INC	COM	74727A104	243	8,854	SH	SOLE	1	8,854	0	0
QEP RESOURCES INC	COM	74733V100	20	22,373	SH	SOLE	1	22,373	0	0
QIAGEN N.V.	COM	N72482123	153	2,930	SH	SOLE	1	2,930	0	0
QORVO INC	COM	74736K101	4,868	37,733	SH	SOLE	1	37,733	0	0
QTS REALTY TRUST INC CL A	CL A	74736A103	2,477	39,303	SH	SOLE	1	39,303	0	0
QUAD GRAPHICS INC	COM	747301109	60	19,874	SH	SOLE	1	19,874	0	0
QUAKER CHEMICAL CORP	COM	747316107	1,647	9,166	SH	SOLE	1	9,166	0	0
QUALCOMM INC	COM	747525103	57,272	486,677	SH	SOLE	1	486,677	0	0
QUALYS INC	COM	74758T303	8,016	81,783	SH	SOLE	1	81,783	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	418	22,670	SH	SOLE	1	22,670	0	0
QUANTA SERVICES INC	COM	74762E102	2,424	45,851	SH	SOLE	1	45,851	0	0
QUANTERIX CORP	COM	74766Q101	424	12,577	SH	SOLE	1	12,577	0	0
QUANTUM CORP	COM	747906501	81	17,496	SH	SOLE	1	17,496	0	0
QUDIAN INC SPON ADR	ADR	747798106	1	647	SH	SOLE	1	647	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	8,605	75,159	SH	SOLE	1	75,159	0	0
QUIDEL CORP	COM	74838J101	15,454	70,445	SH	SOLE	1	70,445	0	0
QUINSTREET INC	COM	74874Q100	519	32,765	SH	SOLE	1	32,765	0	0
QUOTIENT LTD	COM	G73268107	177	34,455	SH	SOLE	1	34,455	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	379	51,375	SH	SOLE	1	51,375	0	0
QURATE RETAIL INC	COM	74915M100	36	4,960	SH	SOLE	1	4,960	0	0

SERIES A										
R1 RCM INC	COM	749397105	1,279	74,585	SH	SOLE	1	74,585	0	0
RACKSPACE TECHNOLOGY INC	COM	750102105	390	20,224	SH	SOLE	1	20,224	0	0
RADIAN GROUP INC	COM	750236101	3,101	212,230	SH	SOLE	1	212,230	0	0
RADIANT LOGISTICS INC	COM	75025X100	120	23,393	SH	SOLE	1	23,393	0	0
RADIUS HEALTH INC	COM	750469207	308	27,184	SH	SOLE	1	27,184	0	0
RADNET INC	COM	750491102	460	29,975	SH	SOLE	1	29,975	0	0
RAFAEL HOLDINGS INC CLASS B	COM	75062E106	85	5,491	SH	SOLE	1	5,491	0	0
RALPH LAUREN CORP	COM	751212101	1,794	26,388	SH	SOLE	1	26,388	0	0
RAMBUS INC	COM	750917106	1,072	78,325	SH	SOLE	1	78,325	0	0
RANGE RESOURCES CORP	COM	75281A109	1,004	151,706	SH	SOLE	1	151,706	0	0
RANPAK HOLDINGS CORP	CL A	75321W103	165	17,318	SH	SOLE	1	17,318	0	0
RAPID7 INC	COM	753422104	1,845	30,122	SH	SOLE	1	30,122	0	0
RAPT THERAPEUTICS INC	COM	75382E109	211	6,560	SH	SOLE	1	6,560	0	0
RAVEN INDUSTRIES INC	COM	754212108	530	24,627	SH	SOLE	1	24,627	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	2,925	40,194	SH	SOLE	1	40,194	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	137	42,895	SH	SOLE	1	42,895	0	0
RAYONIER INC	COM	754907103	6,614	250,155	SH	SOLE	1	250,155	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	29,491	512,529	SH	SOLE	1	512,529	0	0
RBB BANCORP	COM	74930B105	113	9,931	SH	SOLE	1	9,931	0	0
RBC BEARINGS INC	COM	75524B104	1,786	14,736	SH	SOLE	1	14,736	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	104	5,074	SH	SOLE	1	5,074	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	924	28,219	SH	SOLE	1	28,219	0	0
READY CAPITAL CORP	COM	75574U101	323	28,822	SH	SOLE	1	28,822	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	748	79,220	SH	SOLE	1	79,220	0	0
REALPAGE INC	COM	75606N109	124	2,152	SH	SOLE	1	2,152	0	0
REALREAL INC/THE	COM	88339P101	540	37,294	SH	SOLE	1	37,294	0	0
REALTY INCOME CORP	COM	756109104	7,026	115,652	SH	SOLE	1	115,652	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	58	596	SH	SOLE	1	596	0	0
RECRO PHARMA INC	COM	75629F109	24	11,588	SH	SOLE	1	11,588	0	0
RED RIVER BANCSHARES INC	COM	75686R202	127	2,952	SH	SOLE	1	2,952	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	141	10,684	SH	SOLE	1	10,684	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	673	39,366	SH	SOLE	1	39,366	0	0
RED VIOLET INC	COM	75704L104	75	4,055	SH	SOLE	1	4,055	0	0
REDFIN CORP	COM	75737F108	2,894	57,962	SH	SOLE	1	57,962	0	0
REDWOOD TRUST INC	COM	758075402	597	79,352	SH	SOLE	1	79,352	0	0
REGAL BELOIT CORP	COM	758750103	6,982	74,377	SH	SOLE	1	74,377	0	0
REGENCY CENTERS CORP	COM	758849103	1,980	52,071	SH	SOLE	1	52,071	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	24,215	43,258	SH	SOLE	1	43,258	0	0
REGENXBIO INC	COM	75901B107	636	23,120	SH	SOLE	1	23,120	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	85	5,114	SH	SOLE	1	5,114	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	3,706	321,430	SH	SOLE	1	321,430	0	0
REGIS CORP	COM	758932107	100	16,315	SH	SOLE	1	16,315	0	0
REINSURANCE GROUP	COM	759351604	11,853	124,519	SH	SOLE	1	124,519	0	0

OF AMERICA										
RELAY THERAPEUTICS INC	COM	75943R102	820	19,245	SH	SOLE	1	19,245	0	0
RELIANCE STEEL & ALUMINUM	COM	759509102	13,328	130,612	SH	SOLE	1	130,612	0	0
RELIANT BANCORP INC	COM	75956B101	130	8,976	SH	SOLE	1	8,976	0	0
RELMADA THERAPEUTICS INC	COM	75955J402	325	8,647	SH	SOLE	1	8,647	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	15,971	94,092	SH	SOLE	1	94,092	0	0
RENASANT CORP	COM	75970E107	740	32,567	SH	SOLE	1	32,567	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	1,415	26,490	SH	SOLE	1	26,490	0	0
RENT A CENTER INC	COM	76009N100	1,000	33,461	SH	SOLE	1	33,461	0	0
REPAY HOLDINGS CORP	CL A	76029L100	836	35,579	SH	SOLE	1	35,579	0	0
REPLIGEN CORP	COM	759916109	13,312	90,227	SH	SOLE	1	90,227	0	0
REPLIMUNE GROUP INC	COM	76029N106	287	12,470	SH	SOLE	1	12,470	0	0
REPRO MEDSYSTEMS INC	COM	759910102	116	16,120	SH	SOLE	1	16,120	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	164	5,814	SH	SOLE	1	5,814	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	54	27,183	SH	SOLE	1	27,183	0	0
REPUBLIC SERVICES INC	COM	760759100	7,708	82,569	SH	SOLE	1	82,569	0	0
RESEARCH FRONTIERS INC	COM	760911107	43	15,866	SH	SOLE	1	15,866	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	941	85,500	SH	SOLE	1	85,500	0	0
RESMED INC	COM	761152107	9,736	56,791	SH	SOLE	1	56,791	0	0
RESONANT INC	COM	76118L102	71	29,936	SH	SOLE	1	29,936	0	0
RESOURCES CONNECTION INC	COM	76122Q105	243	21,034	SH	SOLE	1	21,034	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	834	80,081	SH	SOLE	1	80,081	0	0
RETAIL PROPERTIES OF AME A	COM	76131V202	860	148,045	SH	SOLE	1	148,045	0	0
RETAIL VALUE INC	COM	76133Q102	123	9,813	SH	SOLE	1	9,813	0	0
RETRACTABLE TECHNOLOGIES INC	COM	76129W105	53	7,936	SH	SOLE	1	7,936	0	0
RETROPHIN INC	COM	761299106	540	29,255	SH	SOLE	1	29,255	0	0
REV GROUP INC	COM	749527107	130	16,423	SH	SOLE	1	16,423	0	0
REVANCE THERAPEUTICS INC	COM	761330109	946	37,630	SH	SOLE	1	37,630	0	0
REVLON INC CLASS A	COM	761525609	26	4,114	SH	SOLE	1	4,114	0	0
REVOLUTION MEDICINES INC	COM	76155X100	803	23,069	SH	SOLE	1	23,069	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	250	3,812	SH	SOLE	1	3,812	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	10,522	229,941	SH	SOLE	1	229,941	0	0
REXNORD CORP	COM	76169B102	2,177	72,939	SH	SOLE	1	72,939	0	0
REYNOLDS CONSUMER PRODUCTS I	COM	76171L106	25	814	SH	SOLE	1	814	0	0
RGC RESOURCES INC	COM	74955L103	107	4,557	SH	SOLE	1	4,557	0	0
RH	COM	74967X103	14,305	37,386	SH	SOLE	1	37,386	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	436	20,101	SH	SOLE	1	20,101	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	158	40,759	SH	SOLE	1	40,759	0	0
RICHMOND MUTUAL BANCORPORATI	COM	76525P100	78	7,351	SH	SOLE	1	7,351	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	244	101,610	SH	SOLE	1	101,610	0	0

RIMINI STREET INC	COM	76674Q107	43	13,440	SH	SOLE	1	13,440	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	557	2,029	SH	SOLE	1	2,029	0	0
RITE AID CORP	COM	767754872	311	32,740	SH	SOLE	1	32,740	0	0
RIVERVIEW BANCORP INC	COM	769397100	52	12,632	SH	SOLE	1	12,632	0	0
RLI CORP	COM	749607107	8,010	95,663	SH	SOLE	1	95,663	0	0
RLJ LODGING TRUST	COM	74965L101	850	98,173	SH	SOLE	1	98,173	0	0
RMR GROUP INC/THE A	COM	74967R106	250	9,093	SH	SOLE	1	9,093	0	0
ROBERT HALF INTL INC	COM	770323103	15,116	285,532	SH	SOLE	1	285,532	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	466	20,369	SH	SOLE	1	20,369	0	0
ROCKWELL AUTOMATION INC	COM	773903109	9,737	44,124	SH	SOLE	1	44,124	0	0
ROCKWELL MEDICAL INC	COM	774374102	45	41,670	SH	SOLE	1	41,670	0	0
ROCKY BRANDS INC	COM	774515100	102	4,107	SH	SOLE	1	4,107	0	0
ROGERS CORP	COM	775133101	1,262	12,867	SH	SOLE	1	12,867	0	0
ROKU INC	COM	77543R102	523	2,770	SH	SOLE	1	2,770	0	0
ROLLINS INC	COM	775711104	2,728	50,346	SH	SOLE	1	50,346	0	0
ROPER TECHNOLOGIES INC	COM	776696106	17,238	43,627	SH	SOLE	1	43,627	0	0
ROSETTA STONE INC	COM	777780107	420	13,998	SH	SOLE	1	13,998	0	0
ROSS STORES INC	COM	778296103	13,716	146,982	SH	SOLE	1	146,982	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	3,795	58,620	SH	SOLE	1	58,620	0	0
ROYAL GOLD INC	COM	780287108	14,521	120,839	SH	SOLE	1	120,839	0	0
ROYALTY PHARMA PLC CL A	CL A	G7709Q104	67	1,587	SH	SOLE	1	1,587	0	0
RPC INC	COM	749660106	105	39,727	SH	SOLE	1	39,727	0	0
RPM INTERNATIONAL INC	COM	749685103	19,849	239,604	SH	SOLE	1	239,604	0	0
RPT REALTY	COM	74971D101	303	55,726	SH	SOLE	1	55,726	0	0
RR DONNELLEY & SONS CO	COM	257867200	10	6,592	SH	SOLE	1	6,592	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	107	21,433	SH	SOLE	1	21,433	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	117	2,649	SH	SOLE	1	2,649	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	825	16,319	SH	SOLE	1	16,319	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	247	22,320	SH	SOLE	1	22,320	0	0
RYDER SYSTEM INC	COM	783549108	4,166	98,628	SH	SOLE	1	98,628	0	0
RYERSON HOLDING CORP	COM	783754104	55	9,573	SH	SOLE	1	9,573	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	1,111	30,178	SH	SOLE	1	30,178	0	0
S & T BANCORP INC	COM	783859101	473	26,730	SH	SOLE	1	26,730	0	0
S&P GLOBAL INC	COM	78409V104	35,230	97,697	SH	SOLE	1	97,697	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	6,851	496,964	SH	SOLE	1	496,964	0	0
SABRE CORP	COM	78573M104	3,715	570,684	SH	SOLE	1	570,684	0	0
SAFE BULKERS INC	COM	Y7388L103	32	31,028	SH	SOLE	1	31,028	0	0
SAFEGUARD SCIENTIFICS INC	COM	786449207	64	11,688	SH	SOLE	1	11,688	0	0
SAFEHOLD INC	COM	78645L100	721	11,615	SH	SOLE	1	11,615	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	689	9,970	SH	SOLE	1	9,970	0	0
SAGA COMMUNICATIONS INC CL A	CL A	786598300	45	2,267	SH	SOLE	1	2,267	0	0
SAGE THERAPEUTICS INC	COM	78667J108	44	716	SH	SOLE	1	716	0	0

SAIA INC	COM	78709Y105	2,287	18,131	SH	SOLE	1	18,131	0	0
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	2,083	52,646	SH	SOLE	1	52,646	0	0
SALESFORCE.COM INC	COM	79466L302	80,387	319,857	SH	SOLE	1	319,857	0	0
SALISBURY BANCORP INC	COM	795226109	48	1,517	SH	SOLE	1	1,517	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	2,371	272,841	SH	SOLE	1	272,841	0	0
SANDERSON FARMS INC	COM	800013104	5,671	48,075	SH	SOLE	1	48,075	0	0
SANDY SPRING BANCORP INC	COM	800363103	636	27,548	SH	SOLE	1	27,548	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	651	68,855	SH	SOLE	1	68,855	0	0
SANMINA CORP	COM	801056102	1,256	46,429	SH	SOLE	1	46,429	0	0
SANTANDER CONSUMER USA HOLDI	COM	80283M101	18	967	SH	SOLE	1	967	0	0
SAPIENS INTERNATIONAL CORP	V SHS	G7T16G103	469	15,322	SH	SOLE	1	15,322	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	273	1,947	SH	SOLE	1	1,947	0	0
SATSUMA PHARMACEUTICALS INC	COM	80405P107	21	5,496	SH	SOLE	1	5,496	0	0
SAUL CENTERS INC	COM	804395101	221	8,313	SH	SOLE	1	8,313	0	0
SAVARA INC	COM	805111101	31	28,792	SH	SOLE	1	28,792	0	0
SB FINANCIAL GROUP INC	COM	78408D105	57	4,247	SH	SOLE	1	4,247	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	12,269	38,522	SH	SOLE	1	38,522	0	0
SCANSOURCE INC	COM	806037107	346	17,468	SH	SOLE	1	17,468	0	0
SCHLUMBERGER LTD	COM	806857108	9,072	583,014	SH	SOLE	1	583,014	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	19	768	SH	SOLE	1	768	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	297	15,432	SH	SOLE	1	15,432	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	240	13,582	SH	SOLE	1	13,582	0	0
SCHOLASTIC CORP	COM	807066105	423	20,135	SH	SOLE	1	20,135	0	0
SCHRODINGER INC	COM	80810D103	829	17,456	SH	SOLE	1	17,456	0	0
SCHWAB (CHARLES) CORP	COM	808513105	15,613	430,928	SH	SOLE	1	430,928	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	652	21,462	SH	SOLE	1	21,462	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	8,368	106,706	SH	SOLE	1	106,706	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	4,743	135,853	SH	SOLE	1	135,853	0	0
SCORPIO BULKERS INC	COM	Y7546A130	76	5,356	SH	SOLE	1	5,356	0	0
SCORPIO TANKERS INC	COM	Y7542C130	339	30,600	SH	SOLE	1	30,600	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	11,486	75,116	SH	SOLE	1	75,116	0	0
SCPHARMACEUTICALS INC	COM	810648105	31	4,186	SH	SOLE	1	4,186	0	0
SCULPTOR CAPITAL MANAGEMENT	COM	811246107	130	11,058	SH	SOLE	1	11,058	0	0
SEABOARD CORP	COM	811543107	9	3	SH	SOLE	1	3	0	0
SEACHANGE INTERNATIONAL INC	COM	811699107	16	18,024	SH	SOLE	1	18,024	0	0
SEACOAST BANKING CORP/FL	COM	811707801	645	35,772	SH	SOLE	1	35,772	0	0
SEACOR HOLDINGS INC	COM	811904101	385	13,242	SH	SOLE	1	13,242	0	0
SEAGATE TECHNOLOGY	COM	G7945M107	7,188	145,890	SH	SOLE	1	145,890	0	0
SEALED AIR CORP	COM	81211K100	1,989	51,244	SH	SOLE	1	51,244	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	226	15,822	SH	SOLE	1	15,822	0	0
SEATTLE GENETICS INC	COM	812578102	2,661	13,597	SH	SOLE	1	13,597	0	0

SEAWORLD ENTERTAINMENT INC	COM	81282V100	599	30,392	SH	SOLE	1	30,392	0	0
SECUREWORKS CORP A	COM	81374A105	61	5,338	SH	SOLE	1	5,338	0	0
SECURITY NATL FINL CORP CL A	CL A	814785309	37	5,699	SH	SOLE	1	5,699	0	0
SEI INVESTMENTS COMPANY	COM	784117103	11,300	222,796	SH	SOLE	1	222,796	0	0
SELECT BANCORP INC	COM	81617L108	68	9,384	SH	SOLE	1	9,384	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	135	35,238	SH	SOLE	1	35,238	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,558	74,848	SH	SOLE	1	74,848	0	0
SELECTA BIOSCIENCES INC	COM	816212104	101	40,550	SH	SOLE	1	40,550	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	7,425	144,211	SH	SOLE	1	144,211	0	0
SELECTQUOTE INC	COM	816307300	385	19,032	SH	SOLE	1	19,032	0	0
SEMPRA ENERGY	COM	816851109	10,842	91,602	SH	SOLE	1	91,602	0	0
SEMTECH CORP	COM	816850101	8,326	157,205	SH	SOLE	1	157,205	0	0
SENECA FOODS CORP CL A	CL A	817070501	161	4,511	SH	SOLE	1	4,511	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	87	2,010	SH	SOLE	1	2,010	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	5,916	102,455	SH	SOLE	1	102,455	0	0
SERES THERAPEUTICS INC	COM	81750R102	899	31,748	SH	SOLE	1	31,748	0	0
SERITAGE GROWTH PROP A REIT	COM	81752R100	274	20,358	SH	SOLE	1	20,358	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	13,622	322,941	SH	SOLE	1	322,941	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	3,161	397,610	SH	SOLE	1	397,610	0	0
SERVICEMASTER GLOBAL HOLDING	COM	81761R109	69	1,723	SH	SOLE	1	1,723	0	0
SERVICENOW INC	COM	81762P102	32,055	66,093	SH	SOLE	1	66,093	0	0
SERVICSOURCE INTERNATIONAL	COM	81763U100	76	51,954	SH	SOLE	1	51,954	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,139	33,458	SH	SOLE	1	33,458	0	0
SFL CORP LTD	SHS	G7738W106	432	57,726	SH	SOLE	1	57,726	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,565	24,266	SH	SOLE	1	24,266	0	0
SHARPS COMPLIANCE CORP	COM	820017101	54	8,537	SH	SOLE	1	8,537	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	1,485	33,420	SH	SOLE	1	33,420	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	18,116	26,001	SH	SOLE	1	26,001	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	1,289	17,010	SH	SOLE	1	17,010	0	0
SHOE CARNIVAL INC	COM	824889109	213	6,354	SH	SOLE	1	6,354	0	0
SHORE BANCSHARES INC	COM	825107105	81	7,418	SH	SOLE	1	7,418	0	0
SHOTSPOTTER INC	COM	82536T107	149	4,811	SH	SOLE	1	4,811	0	0
SHUTTERSTOCK INC	COM	825690100	787	15,126	SH	SOLE	1	15,126	0	0
SHYFT GROUP INC/THE	COM	825698103	389	20,621	SH	SOLE	1	20,621	0	0
SI BONE INC	COM	825704109	360	15,173	SH	SOLE	1	15,173	0	0
SIEBERT FINANCIAL CORP	COM	826176109	22	6,800	SH	SOLE	1	6,800	0	0
SIENTRA INC	COM	82621J105	94	27,753	SH	SOLE	1	27,753	0	0
SIERRA BANCORP	COM	82620P102	140	8,352	SH	SOLE	1	8,352	0	0
SIGA TECHNOLOGIES INC	COM	826917106	214	31,170	SH	SOLE	1	31,170	0	0
SIGNATURE BANK	COM	82669G104	8,146	98,157	SH	SOLE	1	98,157	0	0

SIGNET JEWELERS LTD	COM	G81276100	674	36,028	SH	SOLE	1	36,028	0	0
SILGAN HOLDINGS INC	COM	827048109	5,306	144,302	SH	SOLE	1	144,302	0	0
SILICON LABORATORIES INC	COM	826919102	10,336	105,628	SH	SOLE	1	105,628	0	0
SILK ROAD MEDICAL INC	COM	82710M100	1,081	16,082	SH	SOLE	1	16,082	0	0
SILVERCREST ASSET MANAGEME A	COM	828359109	60	5,708	SH	SOLE	1	5,708	0	0
SILVERGATE CAPITAL CORP CL A	CL A	82837P408	135	9,370	SH	SOLE	1	9,370	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,186	74,798	SH	SOLE	1	74,798	0	0
SIMON PROPERTY GROUP INC	COM	828806109	7,519	116,242	SH	SOLE	1	116,242	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,123	50,943	SH	SOLE	1	50,943	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	2,922	30,074	SH	SOLE	1	30,074	0	0
SIMULATIONS PLUS INC	COM	829214105	740	9,821	SH	SOLE	1	9,821	0	0
SINA CORP	COM	G81477104	31	732	SH	SOLE	1	732	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	508	26,414	SH	SOLE	1	26,414	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,525	284,428	SH	SOLE	1	284,428	0	0
SITE CENTERS CORP	COM	82981J109	760	105,505	SH	SOLE	1	105,505	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	3,204	26,270	SH	SOLE	1	26,270	0	0
SITIME CORP	COM	82982T106	459	5,456	SH	SOLE	1	5,456	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	2,807	138,283	SH	SOLE	1	138,283	0	0
SJW GROUP	COM	784305104	960	15,780	SH	SOLE	1	15,780	0	0
SKECHERS USA INC CL A	CL A	830566105	7,549	249,797	SH	SOLE	1	249,797	0	0
SKYLINE CHAMPION CORP	COM	830830105	842	31,445	SH	SOLE	1	31,445	0	0
SKYWEST INC	COM	830879102	1,019	34,119	SH	SOLE	1	34,119	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	9,470	65,089	SH	SOLE	1	65,089	0	0
SL GREEN REALTY CORP	COM	78440X101	1,118	24,109	SH	SOLE	1	24,109	0	0
SLACK TECHNOLOGIES INC CL A	CL A	83088V102	268	9,975	SH	SOLE	1	9,975	0	0
SLEEP NUMBER CORP	COM	83125X103	917	18,753	SH	SOLE	1	18,753	0	0
SLM CORP	COM	78442P106	5,573	688,899	SH	SOLE	1	688,899	0	0
SM ENERGY CO	COM	78454L100	124	78,079	SH	SOLE	1	78,079	0	0
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	266	9,731	SH	SOLE	1	9,731	0	0
SMARTFINANCIAL INC	COM	83190L208	114	8,378	SH	SOLE	1	8,378	0	0
SMARTSHEET INC CLASS A	COM	83200N103	143	2,890	SH	SOLE	1	2,890	0	0
SMITH (A.O.) CORP	COM	831865209	2,351	44,530	SH	SOLE	1	44,530	0	0
SMITH & WESSON BRANDS INC	COM	831754106	506	32,630	SH	SOLE	1	32,630	0	0
SMITH MICRO SOFTWARE INC	COM	832154207	76	20,475	SH	SOLE	1	20,475	0	0
SNAP ON INC	COM	833034101	16,093	109,380	SH	SOLE	1	109,380	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	22,045	92,489	SH	SOLE	1	92,489	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	109	17,226	SH	SOLE	1	17,226	0	0
SOLARWINDS CORP	COM	83417Q105	12	606	SH	SOLE	1	606	0	0
SOLENO THERAPEUTICS INC	COM	834203200	89	35,617	SH	SOLE	1	35,617	0	0
SOLID BIOSCIENCES INC	COM	83422E105	30	14,780	SH	SOLE	1	14,780	0	0
SOLITON INC	COM	834251100	32	4,158	SH	SOLE	1	4,158	0	0

SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	663	16,503	SH	SOLE	1	16,503	0	0
SONOCO PRODUCTS CO	COM	835495102	9,396	183,979	SH	SOLE	1	183,979	0	0
SONOS INC	COM	83570H108	732	48,212	SH	SOLE	1	48,212	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	1,476	132,366	SH	SOLE	1	132,366	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	1,341	69,605	SH	SOLE	1	69,605	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	79	6,334	SH	SOLE	1	6,334	0	0
SOUTH STATE CORP	COM	840441109	2,015	41,850	SH	SOLE	1	41,850	0	0
SOUTHERN CO/THE	COM	842587107	18,105	333,911	SH	SOLE	1	333,911	0	0
SOUTHERN COPPER CORP	COM	84265V105	38	832	SH	SOLE	1	832	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	105	4,338	SH	SOLE	1	4,338	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	108	4,598	SH	SOLE	1	4,598	0	0
SOUTHERN NATL BANCORP OF VA	COM	843395104	103	11,847	SH	SOLE	1	11,847	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	533	21,810	SH	SOLE	1	21,810	0	0
SOUTHWEST AIRLINES CO	COM	844741108	9,561	254,956	SH	SOLE	1	254,956	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	8,535	135,263	SH	SOLE	1	135,263	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	974	414,282	SH	SOLE	1	414,282	0	0
SP PLUS CORP	COM	78469C103	247	13,764	SH	SOLE	1	13,764	0	0
SPARK ENERGY INC CLASS A	COM	846511103	60	7,163	SH	SOLE	1	7,163	0	0
SPARTANNASH CO	COM	847215100	401	24,542	SH	SOLE	1	24,542	0	0
SPDR PORTFOLIO S&P 500 GROWTH	PRTFLO S&P500 GW	78464A409	23,217	463,324	SH	SOLE	1	463,324	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	32,016	95,600	SH	SOLE	1	95,600	0	0
SPDR S&P MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	10,300	30,400	SH	SOLE	1	30,400	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	32	552	SH	SOLE	1	552	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	407	99,710	SH	SOLE	1	99,710	0	0
SPERO THERAPEUTICS INC	COM	84833T103	99	8,840	SH	SOLE	1	8,840	0	0
SPIRE INC	COM	84857L101	6,582	123,719	SH	SOLE	1	123,719	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	26	1,366	SH	SOLE	1	1,366	0	0
SPIRIT AIRLINES INC	COM	848577102	858	53,294	SH	SOLE	1	53,294	0	0
SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	87	7,832	SH	SOLE	1	7,832	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	6,374	188,867	SH	SOLE	1	188,867	0	0
SPLUNK INC	COM	848637104	2,571	13,667	SH	SOLE	1	13,667	0	0
SPOK HOLDINGS INC	COM	84863T106	116	12,198	SH	SOLE	1	12,198	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	366	25,582	SH	SOLE	1	25,582	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	831	3,427	SH	SOLE	1	3,427	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	604	12,670	SH	SOLE	1	12,670	0	0
SPROUT SOCIAL INC CLASS A	CL A	85209W109	627	16,289	SH	SOLE	1	16,289	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	4,552	217,485	SH	SOLE	1	217,485	0	0
SPS COMMERCE INC	COM	78463M107	1,889	24,254	SH	SOLE	1	24,254	0	0

SPX CORP	COM	784635104	1,384	29,837	SH	SOLE	1	29,837	0	0
SPX FLOW INC	COM	78469X107	1,258	29,367	SH	SOLE	1	29,367	0	0
SS&C TECHNOLOGIES HOLDINGS	COM	78467J100	215	3,545	SH	SOLE	1	3,545	0	0
ST JOE CO/THE	COM	790148100	465	22,533	SH	SOLE	1	22,533	0	0
STAAR SURGICAL CO	COM	852312305	1,549	27,393	SH	SOLE	1	27,393	0	0
STAG INDUSTRIAL INC	COM	85254J102	2,871	94,169	SH	SOLE	1	94,169	0	0
STAMPS.COM INC	COM	852857200	2,841	11,790	SH	SOLE	1	11,790	0	0
STANDARD AVB FINANCIAL CORP	COM	85303B100	75	2,308	SH	SOLE	1	2,308	0	0
STANDARD MOTOR PRODS	COM	853666105	646	14,467	SH	SOLE	1	14,467	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	503	8,494	SH	SOLE	1	8,494	0	0
STANLEY BLACK & DECKER INC	COM	854502101	9,511	58,639	SH	SOLE	1	58,639	0	0
STARBUCKS CORP	COM	855244109	43,244	503,300	SH	SOLE	1	503,300	0	0
STARTEK INC	COM	85569C107	55	10,435	SH	SOLE	1	10,435	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	54	3,560	SH	SOLE	1	3,560	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	145	10,499	SH	SOLE	1	10,499	0	0
STATE STREET CORP	COM	857477103	8,401	141,590	SH	SOLE	1	141,590	0	0
STEEL DYNAMICS INC	COM	858119100	10,488	366,310	SH	SOLE	1	366,310	0	0
STEELCASE INC CL A	CL A	858155203	522	51,594	SH	SOLE	1	51,594	0	0
STEPAN CO	COM	858586100	1,619	14,850	SH	SOLE	1	14,850	0	0
STEREOTAXIS INC	COM	85916J409	95	26,432	SH	SOLE	1	26,432	0	0
STERICYCLE INC	COM	858912108	10,574	167,680	SH	SOLE	1	167,680	0	0
STERIS PLC	COM	G8473T100	5,712	32,417	SH	SOLE	1	32,417	0	0
STERLING BANCORP INC/MI	COM	85917W102	30	9,787	SH	SOLE	1	9,787	0	0
STERLING BANCORP/DE	COM	85917A100	3,750	356,447	SH	SOLE	1	356,447	0	0
STERLING CONSTRUCTION CO	COM	859241101	234	16,535	SH	SOLE	1	16,535	0	0
STEVEN MADDEN LTD	COM	556269108	1,100	56,415	SH	SOLE	1	56,415	0	0
STEWART INFORMATION SERVICES	COM	860372101	797	18,221	SH	SOLE	1	18,221	0	0
STIFEL FINANCIAL CORP	COM	860630102	8,323	164,622	SH	SOLE	1	164,622	0	0
STITCH FIX INC CLASS A	COM	860897107	912	33,621	SH	SOLE	1	33,621	0	0
STOCK YARDS BANCORP INC	COM	861025104	416	12,223	SH	SOLE	1	12,223	0	0
STOKE THERAPEUTICS INC	COM	86150R107	245	7,305	SH	SOLE	1	7,305	0	0
STONECO LTD A	CL A	G85158106	248	4,679	SH	SOLE	1	4,679	0	0
STONERIDGE INC	COM	86183P102	286	15,544	SH	SOLE	1	15,544	0	0
STONEX GROUP INC	COM	861896108	577	11,275	SH	SOLE	1	11,275	0	0
STORE CAPITAL CORP	COM	862121100	11,572	421,882	SH	SOLE	1	421,882	0	0
STRATEGIC EDUCATION INC	COM	86272C103	5,383	58,852	SH	SOLE	1	58,852	0	0
STRATUS PROPERTIES INC	COM	863167201	76	3,518	SH	SOLE	1	3,518	0	0
STRONGBRIDGE BIOPHARMA PLC	COM	G85347105	45	21,239	SH	SOLE	1	21,239	0	0
STRYKER CORP	COM	863667101	25,320	121,515	SH	SOLE	1	121,515	0	0
STURM RUGER & CO INC	COM	864159108	716	11,699	SH	SOLE	1	11,699	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	100	6,751	SH	SOLE	1	6,751	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	371	71,596	SH	SOLE	1	71,596	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	1,134	68,553	SH	SOLE	1	68,553	0	0

SUN COMMUNITIES INC	COM	866674104	304	2,165	SH	SOLE	1	2,165	0	0
SUNCOKE ENERGY INC	COM	86722A103	196	57,295	SH	SOLE	1	57,295	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	966	31,751	SH	SOLE	1	31,751	0	0
SUNPOWER CORP	COM	867652406	572	45,753	SH	SOLE	1	45,753	0	0
SUNRUN INC	COM	86771W105	23,281	302,070	SH	SOLE	1	302,070	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,098	138,339	SH	SOLE	1	138,339	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	709	26,853	SH	SOLE	1	26,853	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	149	6,426	SH	SOLE	1	6,426	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	709	34,033	SH	SOLE	1	34,033	0	0
SURGALIGN HOLDINGS INC	COM	86882C105	63	34,939	SH	SOLE	1	34,939	0	0
SURGERY PARTNERS INC	COM	86881A100	295	13,472	SH	SOLE	1	13,472	0	0
SURMODICS INC	COM	868873100	357	9,174	SH	SOLE	1	9,174	0	0
SUTRO BIOPHARMA INC	COM	869367102	156	15,498	SH	SOLE	1	15,498	0	0
SVB FINANCIAL GROUP	COM	78486Q101	6,057	25,174	SH	SOLE	1	25,174	0	0
SVMK INC	COM	78489X103	1,602	72,446	SH	SOLE	1	72,446	0	0
SWITCH INC A	COM	87105L104	36	2,310	SH	SOLE	1	2,310	0	0
SWK HOLDINGS CORP	COM	78501P203	30	2,121	SH	SOLE	1	2,121	0	0
SYKES ENTERPRISES INC	COM	871237103	917	26,817	SH	SOLE	1	26,817	0	0
SYNAPTICS INC	COM	87157D109	6,646	82,644	SH	SOLE	1	82,644	0	0
SYNCHRONOSS TECHNOLOGIES INC	COM	87157B103	74	24,483	SH	SOLE	1	24,483	0	0
SYNCHRONY FINANCIAL	COM	87165B103	4,707	179,854	SH	SOLE	1	179,854	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	238	16,107	SH	SOLE	1	16,107	0	0
SYNEOS HEALTH INC	COM	87166B102	6,813	128,154	SH	SOLE	1	128,154	0	0
SYNNEX CORP	COM	87162W100	11,334	80,919	SH	SOLE	1	80,919	0	0
SYNOPSIS INC	COM	871607107	13,533	63,244	SH	SOLE	1	63,244	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	5,716	269,999	SH	SOLE	1	269,999	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	220	24,825	SH	SOLE	1	24,825	0	0
SYSCO CORP	COM	871829107	10,020	161,040	SH	SOLE	1	161,040	0	0
SYSTEMAX INC	COM	871851101	178	7,418	SH	SOLE	1	7,418	0	0
T MOBILE US INC	COM	872590104	29,506	258,010	SH	SOLE	1	258,010	0	0
T ROWE PRICE GROUP INC	COM	74144T108	18,252	142,348	SH	SOLE	1	142,348	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	578	14,173	SH	SOLE	1	14,173	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	467	12,773	SH	SOLE	1	12,773	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	7,911	47,884	SH	SOLE	1	47,884	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	397	5,219	SH	SOLE	1	5,219	0	0
TALOS ENERGY INC	COM	87484T108	61	9,527	SH	SOLE	1	9,527	0	0
TANDEM DIABETES CARE INC	COM	875372203	166	1,465	SH	SOLE	1	1,465	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	379	62,791	SH	SOLE	1	62,791	0	0
TAPESTRY INC	COM	876030107	1,421	90,939	SH	SOLE	1	90,939	0	0
TARGA RESOURCES CORP	COM	87612G101	42	3,001	SH	SOLE	1	3,001	0	0
TARGET CORP	COM	87612E106	28,422	180,550	SH	SOLE	1	180,550	0	0
TARGET HOSPITALITY	COM	87615L107	22	17,720	SH	SOLE	1	17,720	0	0

CORP										
TATA MOTORS LTD SPON ADR	ADR	876568502	16	1,711	SH	SOLE	1	1,711	0	0
TAUBMAN CENTERS INC	COM	876664103	3,765	113,096	SH	SOLE	1	113,096	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	7,660	311,523	SH	SOLE	1	311,523	0	0
TCF FINANCIAL CORP	COM	872307103	6,518	279,015	SH	SOLE	1	279,015	0	0
TCR2 THERAPEUTICS INC	COM	87808K106	309	15,191	SH	SOLE	1	15,191	0	0
TD AMERITRADE HOLDING CORP	COM	87236Y108	964	24,612	SH	SOLE	1	24,612	0	0
TE CONNECTIVITY LTD	COM	H84989104	10,871	111,222	SH	SOLE	1	111,222	0	0
TEAM INC	COM	878155100	114	20,769	SH	SOLE	1	20,769	0	0
TECHNIPFMC PLC	COM	G87110105	925	146,522	SH	SOLE	1	146,522	0	0
TECHTARGET	COM	87874R100	707	16,084	SH	SOLE	1	16,084	0	0
TEGNA INC	COM	87901J105	6,224	529,664	SH	SOLE	1	529,664	0	0
TEJON RANCH CO	COM	879080109	177	12,519	SH	SOLE	1	12,519	0	0
TELA BIO INC	COM	872381108	68	4,103	SH	SOLE	1	4,103	0	0
TELADOC HEALTH INC	COM	87918A105	392	1,786	SH	SOLE	1	1,786	0	0
TELECOM ARGENTINA SA SP ADR	SPON ADR REP B	879273209	4	678	SH	SOLE	1	678	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	3,775	12,169	SH	SOLE	1	12,169	0	0
TELEFLEX INC	COM	879369106	6,342	18,629	SH	SOLE	1	18,629	0	0
TELENAV INC	COM	879455103	71	19,789	SH	SOLE	1	19,789	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	3,365	182,467	SH	SOLE	1	182,467	0	0
TELLURIAN INC	COM	87968A104	78	98,093	SH	SOLE	1	98,093	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	7,880	88,351	SH	SOLE	1	88,351	0	0
TENABLE HOLDINGS INC	COM	88025T102	1,573	41,672	SH	SOLE	1	41,672	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	71	4,801	SH	SOLE	1	4,801	0	0
TENET HEALTHCARE CORP	COM	88033G407	6,233	254,286	SH	SOLE	1	254,286	0	0
TENNANT CO	COM	880345103	763	12,636	SH	SOLE	1	12,636	0	0
TENNECO INC CLASS A	COM	880349105	212	30,516	SH	SOLE	1	30,516	0	0
TERADATA CORP	COM	88076W103	4,560	200,869	SH	SOLE	1	200,869	0	0
TERADYNE INC	COM	880770102	4,530	57,010	SH	SOLE	1	57,010	0	0
TEREX CORP	COM	880779103	3,221	166,380	SH	SOLE	1	166,380	0	0
TERRENO REALTY CORP	COM	88146M101	2,325	42,449	SH	SOLE	1	42,449	0	0
TERRITORIAL BANCORP INC	COM	88145X108	95	4,690	SH	SOLE	1	4,690	0	0
TESLA INC	COM	88160R101	23,923	55,764	SH	SOLE	1	55,764	0	0
TETRA TECH INC	COM	88162G103	12,444	130,303	SH	SOLE	1	130,303	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,349	149,753	SH	SOLE	1	149,753	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	3,800	122,062	SH	SOLE	1	122,062	0	0
TEXAS INSTRUMENTS INC	COM	882508104	81,677	572,006	SH	SOLE	1	572,006	0	0
TEXAS ROADHOUSE INC	COM	882681109	9,606	158,017	SH	SOLE	1	158,017	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	437	30,890	SH	SOLE	1	30,890	0	0
TEXTRON INC	COM	883203101	2,709	75,063	SH	SOLE	1	75,063	0	0
TFS FINANCIAL CORP	COM	87240R107	9	636	SH	SOLE	1	636	0	0
TG THERAPEUTICS INC	COM	88322Q108	1,777	66,400	SH	SOLE	1	66,400	0	0
THE BANK OF PRINCETON	COM	064520109	62	3,404	SH	SOLE	1	3,404	0	0
THERAPEUTICSMD INC	COM	88338N107	223	141,261	SH	SOLE	1	141,261	0	0
THERAVANCE	COM	G8807B106	407	27,505	SH	SOLE	1	27,505	0	0

BIOPHARMA INC

THERMO FISHER SCIENTIFIC INC	COM	883556102	65,412	148,151	SH	SOLE	1	148,151	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	220	19,581	SH	SOLE	1	19,581	0	0
THIRD POINT REINSURANCE LTD	COM	G8827U100	387	55,710	SH	SOLE	1	55,710	0	0
THOR INDUSTRIES INC	COM	885160101	9,638	101,174	SH	SOLE	1	101,174	0	0
TIDEWATER INC	COM	88642R109	162	24,164	SH	SOLE	1	24,164	0	0
TIDEWATER INC NEW	COM	88642R109	13,087	2,341,223	SH	SOLE	2	2,341,223	0	0
TIFFANY & CO	COM	886547108	4,645	40,091	SH	SOLE	1	40,091	0	0
TILLY S INC CLASS A SHRS	COM	886885102	80	13,268	SH	SOLE	1	13,268	0	0
TIMBERLAND BANCORP INC	COM	887098101	80	4,452	SH	SOLE	1	4,452	0	0
TIMKEN CO	COM	887389104	6,714	123,828	SH	SOLE	1	123,828	0	0
TIMKENSTEEL CORP	COM	887399103	108	30,382	SH	SOLE	1	30,382	0	0
TIPTREE INC	COM	88822Q103	72	14,635	SH	SOLE	1	14,635	0	0
TITAN INTERNATIONAL INC	COM	88830M102	13	4,612	SH	SOLE	1	4,612	0	0
TITAN MACHINERY INC	COM	88830R101	151	11,387	SH	SOLE	1	11,387	0	0
TIVITY HEALTH INC	COM	88870R102	412	29,366	SH	SOLE	1	29,366	0	0
TJX COMPANIES INC	COM	872540109	24,630	442,588	SH	SOLE	1	442,588	0	0
TOLL BROTHERS INC	COM	889478103	10,242	210,480	SH	SOLE	1	210,480	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	550	9,684	SH	SOLE	1	9,684	0	0
TOOTSIE ROLL INDS	COM	890516107	1,279	41,377	SH	SOLE	1	41,377	0	0
TOPBUILD CORP	COM	89055F103	13,654	79,993	SH	SOLE	1	79,993	0	0
TORO CO	COM	891092108	16,616	197,927	SH	SOLE	1	197,927	0	0
TOWNE BANK	COM	89214P109	657	40,034	SH	SOLE	1	40,034	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	304	35,885	SH	SOLE	1	35,885	0	0
TPI COMPOSITES INC	COM	87266J104	525	18,134	SH	SOLE	1	18,134	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	5,710	39,833	SH	SOLE	1	39,833	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	561	1,082	SH	SOLE	1	1,082	0	0
TRADEWEB MARKETS INC CLASS A	CL A	892672106	118	2,025	SH	SOLE	1	2,025	0	0
TRANE TECHNOLOGIES PLC	PLC SHS	G8994E103	13,027	107,440	SH	SOLE	1	107,440	0	0
TRANSCAT INC	COM	893529107	122	4,156	SH	SOLE	1	4,156	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	20	810	SH	SOLE	1	810	0	0
TRANSDIGM GROUP INC	COM	893641100	8,568	18,033	SH	SOLE	1	18,033	0	0
TRANSLATE BIO INC	COM	89374L104	555	40,759	SH	SOLE	1	40,759	0	0
TRANSMEDICS GROUP INC	COM	89377M109	207	15,035	SH	SOLE	1	15,035	0	0
TRANSOCEAN LTD	COM	H8817H100	282	349,704	SH	SOLE	1	349,704	0	0
TRANSUNION	COM	89400J107	400	4,749	SH	SOLE	1	4,749	0	0
TRAVELERS COS INC/THE	COM	89417E109	21,817	201,655	SH	SOLE	1	201,655	0	0
TREAN INSURANCE GROUP INC	COM	89457R101	110	7,197	SH	SOLE	1	7,197	0	0
TRECORA RESOURCES	COM	894648104	89	14,447	SH	SOLE	1	14,447	0	0
TREDEGAR CORP	COM	894650100	268	18,021	SH	SOLE	1	18,021	0	0
TREEHOUSE FOODS INC	COM	89469A104	4,197	103,560	SH	SOLE	1	103,560	0	0
TREX COMPANY INC	COM	89531P105	15,300	213,689	SH	SOLE	1	213,689	0	0
TRI POINTE GROUP INC	COM	87265H109	5,708	314,679	SH	SOLE	1	314,679	0	0
TRIBUNE PUBLISHING CO	COM	89609W107	109	9,335	SH	SOLE	1	9,335	0	0
TRICIDA INC	COM	89610F101	153	16,908	SH	SOLE	1	16,908	0	0
TRICO BANCSHARES	COM	896095106	387	15,810	SH	SOLE	1	15,810	0	0

TRIMAS CORP	COM	896215209	590	25,877	SH	SOLE	1	25,877	0	0
TRIMBLE INC	COM	896239100	22,335	458,615	SH	SOLE	1	458,615	0	0
TRINET GROUP INC	COM	896288107	1,461	24,631	SH	SOLE	1	24,631	0	0
TRINITY INDUSTRIES INC	COM	896522109	3,181	163,146	SH	SOLE	1	163,146	0	0
TRINSEO SA	COM	L9340P101	677	26,418	SH	SOLE	1	26,418	0	0
TRIP.COM GROUP LTD ADR	ADS	89677Q107	1,175	37,726	SH	SOLE	1	37,726	0	0
TRIPADVISOR INC	COM	896945201	3,452	176,194	SH	SOLE	1	176,194	0	0
TRIPLE S MANAGEMENT CORP B	COM	896749108	242	13,558	SH	SOLE	1	13,558	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	218	16,490	SH	SOLE	1	16,490	0	0
TRITON INTERNATIONAL LTD/BER	COM	G9078F107	1,214	29,851	SH	SOLE	1	29,851	0	0
TRIUMPH BANCORP INC	COM	89679E300	488	15,654	SH	SOLE	1	15,654	0	0
TRIUMPH GROUP INC	COM	896818101	232	35,610	SH	SOLE	1	35,610	0	0
TRONOX HOLDINGS PLC A	COM	G9087Q102	421	53,521	SH	SOLE	1	53,521	0	0
TRUEBLUE INC	COM	89785X101	383	24,724	SH	SOLE	1	24,724	0	0
TRUECAR INC	COM	89785L107	317	63,361	SH	SOLE	1	63,361	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	20,170	530,083	SH	SOLE	1	530,083	0	0
TRUPANION INC	COM	898202106	1,639	20,771	SH	SOLE	1	20,771	0	0
TRUSTCO BANK CORP NY	COM	898349105	342	65,547	SH	SOLE	1	65,547	0	0
TRUSTMARK CORP	COM	898402102	3,278	153,099	SH	SOLE	1	153,099	0	0
TTEC HOLDINGS INC	COM	89854H102	684	12,532	SH	SOLE	1	12,532	0	0
TTM TECHNOLOGIES	COM	87305R109	786	68,926	SH	SOLE	1	68,926	0	0
TUCOWS INC CLASS A	COM	898697206	386	5,599	SH	SOLE	1	5,599	0	0
TUPPERWARE BRANDS CORP	COM	899896104	683	33,868	SH	SOLE	1	33,868	0	0
TURNING POINT BRANDS INC	COM	90041L105	198	7,096	SH	SOLE	1	7,096	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	1,784	20,418	SH	SOLE	1	20,418	0	0
TURTLE BEACH CORP	COM	900450206	147	8,053	SH	SOLE	1	8,053	0	0
TUTOR PERINI CORP	COM	901109108	271	24,389	SH	SOLE	1	24,389	0	0
TWILIO INC A	COM	90138F102	811	3,283	SH	SOLE	1	3,283	0	0
TWIN RIVER WORLDWIDE HOLDING	COM	90171V204	282	10,716	SH	SOLE	1	10,716	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	1,486	19,563	SH	SOLE	1	19,563	0	0
TWITTER INC	COM	90184L102	12,661	284,509	SH	SOLE	1	284,509	0	0
TWO HARBORS INVESTMENT CORP	COM	90187B408	834	163,813	SH	SOLE	1	163,813	0	0
TYLER TECHNOLOGIES INC	COM	902252105	4,812	13,805	SH	SOLE	1	13,805	0	0
TYME TECHNOLOGIES INC	COM	90238J103	40	40,490	SH	SOLE	1	40,490	0	0
TYSON FOODS INC CL A	CL A	902494103	18,213	306,207	SH	SOLE	1	306,207	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	762	8,769	SH	SOLE	1	8,769	0	0
UBIQUITI INC	COM	90353W103	34	203	SH	SOLE	1	203	0	0
UDR INC	COM	902653104	3,270	100,273	SH	SOLE	1	100,273	0	0
UFP INDUSTRIES INC	COM	90278Q108	2,340	41,415	SH	SOLE	1	41,415	0	0
UFP TECHNOLOGIES INC	COM	902673102	170	4,107	SH	SOLE	1	4,107	0	0
UGI CORP	COM	902681105	12,593	381,830	SH	SOLE	1	381,830	0	0
ULTA BEAUTY INC	COM	90384S303	5,056	22,571	SH	SOLE	1	22,571	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	594	27,672	SH	SOLE	1	27,672	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	2,827	34,395	SH	SOLE	1	34,395	0	0

ULTRALIFE CORP	COM	903899102	32	5,435	SH	SOLE	1	5,435	0	0
UMB FINANCIAL CORP	COM	902788108	5,134	104,745	SH	SOLE	1	104,745	0	0
UMH PROPERTIES INC	COM	903002103	297	21,920	SH	SOLE	1	21,920	0	0
UMPQUA HOLDINGS CORP	COM	904214103	4,287	403,645	SH	SOLE	1	403,645	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	697	62,060	SH	SOLE	1	62,060	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	761	77,295	SH	SOLE	1	77,295	0	0
UNIFI INC	COM	904677200	123	9,589	SH	SOLE	1	9,589	0	0
UNIFIRST CORP/MA	COM	904708104	1,975	10,428	SH	SOLE	1	10,428	0	0
UNION PACIFIC CORP	COM	907818108	42,347	215,101	SH	SOLE	1	215,101	0	0
UNISYS CORP	COM	909214306	457	42,817	SH	SOLE	1	42,817	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	3,721	107,071	SH	SOLE	1	107,071	0	0
UNITED BANKSHARES INC	COM	909907107	6,660	310,184	SH	SOLE	1	310,184	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	926	54,693	SH	SOLE	1	54,693	0	0
UNITED FIRE GROUP INC	COM	910340108	295	14,523	SH	SOLE	1	14,523	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	85	14,075	SH	SOLE	1	14,075	0	0
UNITED NATURAL FOODS INC	COM	911163103	560	37,659	SH	SOLE	1	37,659	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	43,259	259,611	SH	SOLE	1	259,611	0	0
UNITED RENTALS INC	COM	911363109	4,293	24,601	SH	SOLE	1	24,601	0	0
UNITED SECURITY BANCSHARE/CA	COM	911460103	49	8,051	SH	SOLE	1	8,051	0	0
UNITED STATES LIME & MINERAL	COM	911922102	108	1,200	SH	SOLE	1	1,200	0	0
UNITED STATES STEEL CORP	COM	912909108	3,906	532,105	SH	SOLE	1	532,105	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	8,220	81,390	SH	SOLE	1	81,390	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	93,675	300,462	SH	SOLE	1	300,462	0	0
UNITI GROUP INC	COM	91325V108	1,602	152,059	SH	SOLE	1	152,059	0	0
UNITIL CORP	COM	913259107	341	8,826	SH	SOLE	1	8,826	0	0
UNITY BANCORP INC	COM	913290102	54	4,641	SH	SOLE	1	4,641	0	0
UNITY BIOTECHNOLOGY INC	COM	91381U101	72	20,838	SH	SOLE	1	20,838	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	5,230	309,847	SH	SOLE	1	309,847	0	0
UNIVERSAL CORP/VA	COM	913456109	703	16,789	SH	SOLE	1	16,789	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	14,301	79,125	SH	SOLE	1	79,125	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	353	9,349	SH	SOLE	1	9,349	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	505	8,859	SH	SOLE	1	8,859	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	2,732	25,525	SH	SOLE	1	25,525	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	266	19,214	SH	SOLE	1	19,214	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	96	4,589	SH	SOLE	1	4,589	0	0
UNIVERSAL TECHNICAL INSTITUT	COM	913915104	88	17,254	SH	SOLE	1	17,254	0	0
UNIVEST FINANCIAL CORP	COM	915271100	247	17,211	SH	SOLE	1	17,211	0	0
UNUM GROUP	COM	91529Y106	1,128	67,005	SH	SOLE	1	67,005	0	0
UPLAND SOFTWARE INC	COM	91544A109	587	15,570	SH	SOLE	1	15,570	0	0
UPWORK INC	COM	91688F104	967	55,472	SH	SOLE	1	55,472	0	0
URANIUM ENERGY CORP	COM	916896103	108	108,636	SH	SOLE	1	108,636	0	0

URBAN EDGE PROPERTIES	COM	91704F104	2,615	269,050	SH	SOLE	1	269,050	0	0
URBAN OUTFITTERS INC	COM	917047102	3,451	165,824	SH	SOLE	1	165,824	0	0
UROGEN PHARMA LTD	COM	M96088105	224	11,591	SH	SOLE	1	11,591	0	0
URSTADT BIDDLE CLASS A	COM	917286205	189	20,553	SH	SOLE	1	20,553	0	0
US BANCORP	COM	902973304	20,288	565,905	SH	SOLE	1	565,905	0	0
US CELLULAR CORP	COM	911684108	6	189	SH	SOLE	1	189	0	0
US CONCRETE INC	COM	90333L201	320	11,010	SH	SOLE	1	11,010	0	0
US ECOLOGY INC	COM	91734M103	712	21,778	SH	SOLE	1	21,778	0	0
US FOODS HOLDING CORP	COM	912008109	64	2,862	SH	SOLE	1	2,862	0	0
US SILICA HOLDINGS INC	COM	90346E103	153	50,914	SH	SOLE	1	50,914	0	0
US XPRESS ENTERPRISES INC A	COM	90338N202	109	13,248	SH	SOLE	1	13,248	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	591	8,020	SH	SOLE	1	8,020	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	163	2,041	SH	SOLE	1	2,041	0	0
VAIL RESORTS INC	COM	91879Q109	121	563	SH	SOLE	1	563	0	0
VALERO ENERGY CORP	COM	91913Y100	7,681	177,297	SH	SOLE	1	177,297	0	0
VALLEY NATIONAL BANCORP	COM	919794107	6,666	973,155	SH	SOLE	1	973,155	0	0
VALMONT INDUSTRIES	COM	920253101	4,862	39,150	SH	SOLE	1	39,150	0	0
VALUE LINE INC	COM	920437100	15	614	SH	SOLE	1	614	0	0
VALVOLINE INC	COM	92047W101	6,458	339,157	SH	SOLE	1	339,157	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	359	37,182	SH	SOLE	1	37,182	0	0
VANGUARD ST TRS ETF	ETF	92206C102	529	8,500	SH	SOLE		8,500	0	0
VAPOTHERM INC	COM	922107107	340	11,731	SH	SOLE	1	11,731	0	0
VAREX IMAGING CORP	COM	92214X106	336	26,428	SH	SOLE	1	26,428	0	0
VARIAN MEDICAL SYSTEMS INC	COM	92220P105	5,708	33,185	SH	SOLE	1	33,185	0	0
VARONIS SYSTEMS INC	COM	922280102	2,151	18,637	SH	SOLE	1	18,637	0	0
VAXART INC	COM	92243A200	208	31,330	SH	SOLE	1	31,330	0	0
VAXCYTE INC	COM	92243G108	538	10,889	SH	SOLE	1	10,889	0	0
VBI VACCINES INC	COM	91822J103	294	102,681	SH	SOLE	1	102,681	0	0
VECTOR GROUP LTD	COM	92240M108	923	95,264	SH	SOLE	1	95,264	0	0
VECTRUS INC	COM	92242T101	260	6,847	SH	SOLE	1	6,847	0	0
VEECO INSTRUMENTS INC	COM	922417100	393	33,675	SH	SOLE	1	33,675	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	983	3,496	SH	SOLE	1	3,496	0	0
VENTAS INC	COM	92276F100	5,259	125,323	SH	SOLE	1	125,323	0	0
VENUS CONCEPT INC	COM	92332W105	27	11,446	SH	SOLE	1	11,446	0	0
VERA BRADLEY INC	COM	92335C106	87	14,295	SH	SOLE	1	14,295	0	0
VERACYTE INC	COM	92337F107	1,113	34,246	SH	SOLE	1	34,246	0	0
VERASTEM INC	COM	92337C104	123	102,016	SH	SOLE	1	102,016	0	0
VEREIT INC	COM	92339V100	91	14,067	SH	SOLE	1	14,067	0	0
VERICEL CORP	COM	92346J108	499	26,902	SH	SOLE	1	26,902	0	0
VERICITY INC	COM	92347D100	11	1,112	SH	SOLE	1	1,112	0	0
VERINT SYSTEMS INC	COM	92343X100	1,846	38,311	SH	SOLE	1	38,311	0	0
VERISIGN INC	COM	92343E102	9,402	45,898	SH	SOLE	1	45,898	0	0
VERISK ANALYTICS INC	COM	92345Y106	15,370	82,942	SH	SOLE	1	82,942	0	0
VERITEX HOLDINGS INC	COM	923451108	561	32,958	SH	SOLE	1	32,958	0	0
VERITIV CORP	COM	923454102	112	8,851	SH	SOLE	1	8,851	0	0
VERITONE INC	COM	92347M100	128	13,992	SH	SOLE	1	13,992	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	288,773	4,854,142	SH	SOLE	1	4,854,142	0	0
VERRA MOBILITY CORP	COM	92511U102	773	79,967	SH	SOLE	1	79,967	0	0

VERRICA PHARMACEUTICALS INC	COM	92511W108	58	7,439	SH	SOLE	1	7,439	0	0
VERSO CORP A	COM	92531L207	148	18,729	SH	SOLE	1	18,729	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	30,134	110,738	SH	SOLE	1	110,738	0	0
VERTIV HOLDINGS CO	CL A	92537N108	99	5,738	SH	SOLE	1	5,738	0	0
VERU INC	COM	92536C103	83	31,768	SH	SOLE	1	31,768	0	0
VF CORP	COM	918204108	8,327	118,533	SH	SOLE	1	118,533	0	0
VIACOMCBS INC CLASS A	CL A	92556H107	4	140	SH	SOLE	1	140	0	0
VIACOMCBS INC CLASS B	CL B	92556H206	20,120	718,329	SH	SOLE	1	718,329	0	0
VIAD CORP	COM	92552R406	291	13,952	SH	SOLE	1	13,952	0	0
VIASAT INC	COM	92552V100	4,040	117,464	SH	SOLE	1	117,464	0	0
VIAVI SOLUTIONS INC	COM	925550105	1,850	157,740	SH	SOLE	1	157,740	0	0
VICI PROPERTIES INC	COM	925652109	163	6,966	SH	SOLE	1	6,966	0	0
VICOR CORP	COM	925815102	1,047	13,470	SH	SOLE	1	13,470	0	0
VIELA BIO INC	COM	926613100	363	12,935	SH	SOLE	1	12,935	0	0
VIEMED HEALTHCARE INC	COM	92663R105	180	20,875	SH	SOLE	1	20,875	0	0
VIEWRAY INC	COM	92672L107	233	66,644	SH	SOLE	1	66,644	0	0
VIKING THERAPEUTICS INC	COM	92686J106	228	39,207	SH	SOLE	1	39,207	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	126	5,129	SH	SOLE	1	5,129	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	93	5,913	SH	SOLE	1	5,913	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	1,100	32,039	SH	SOLE	1	32,039	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	31	1,628	SH	SOLE	1	1,628	0	0
VIRNETX HOLDING CORP	COM	92823T108	200	37,855	SH	SOLE	1	37,855	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	36	1,567	SH	SOLE	1	1,567	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	703	5,072	SH	SOLE	1	5,072	0	0
VIRTUSA CORP	COM	92827P102	986	20,060	SH	SOLE	1	20,060	0	0
VISA INC CLASS A SHARES	COM	92826C839	123,421	617,199	SH	SOLE	1	617,199	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	4,994	320,739	SH	SOLE	1	320,739	0	0
VISHAY PRECISION GROUP	COM	92835K103	188	7,432	SH	SOLE	1	7,432	0	0
VISTA OUTDOOR INC	COM	928377100	812	40,244	SH	SOLE	1	40,244	0	0
VISTEON CORP	COM	92839U206	4,653	67,219	SH	SOLE	1	67,219	0	0
VISTRA CORP	COM	92840M102	120	6,356	SH	SOLE	1	6,356	0	0
VITAL FARMS INC	COM	92847W103	249	6,137	SH	SOLE	1	6,137	0	0
VIVINT SMART HOME INC	CL A	928542109	744	43,565	SH	SOLE	1	43,565	0	0
VIVINT SOLAR INC	COM	92854Q106	1,245	29,405	SH	SOLE	1	29,405	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	559	19,215	SH	SOLE	1	19,215	0	0
VOLITIONRX LTD	COM	928661107	53	16,346	SH	SOLE	1	16,346	0	0
VONAGE HOLDINGS CORP	COM	92886T201	1,635	159,816	SH	SOLE	1	159,816	0	0
VORNADO REALTY TRUST	COM	929042109	1,748	51,843	SH	SOLE	1	51,843	0	0
VOXX INTERNATIONAL CORP	CL A	91829F104	91	11,858	SH	SOLE	1	11,858	0	0
VOYA FINANCIAL INC	COM	929089100	79	1,637	SH	SOLE	1	1,637	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	165	15,454	SH	SOLE	1	15,454	0	0

VROOM INC	COM	92918V109	30	575	SH	SOLE	1	575	0	0
VSE CORP	COM	918284100	163	5,303	SH	SOLE	1	5,303	0	0
VTV THERAPEUTICS INC CL A	CL A	918385105	11	6,231	SH	SOLE	1	6,231	0	0
VULCAN MATERIALS CO	COM	929160109	6,912	50,999	SH	SOLE	1	50,999	0	0
VYNE THERAPEUTICS INC	COM	92941V100	144	86,830	SH	SOLE	1	86,830	0	0
W&T OFFSHORE INC	COM	92922P106	102	56,377	SH	SOLE	1	56,377	0	0
WABASH NATIONAL CORP	COM	929566107	437	36,513	SH	SOLE	1	36,513	0	0
WABTEC CORP	COM	929740108	4,044	65,351	SH	SOLE	1	65,351	0	0
WADDELL & REED FINANCIAL A	COM	930059100	662	44,547	SH	SOLE	1	44,547	0	0
WAITR HOLDINGS INC	COM	930752100	161	50,051	SH	SOLE	1	50,051	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	147,811	4,114,991	SH	SOLE	1	4,114,991	0	0
WALKER & DUNLOP INC	COM	93148P102	1,038	19,587	SH	SOLE	1	19,587	0	0
WALMART INC	COM	931142103	61,422	439,007	SH	SOLE	1	439,007	0	0
WALT DISNEY CO/THE	COM	254687106	80,705	650,425	SH	SOLE	1	650,425	0	0
WARRIOR MET COAL INC	COM	93627C101	606	35,477	SH	SOLE	1	35,477	0	0
WASHINGTON FEDERAL INC	COM	938824109	3,816	182,928	SH	SOLE	1	182,928	0	0
WASHINGTON PRIME GROUP INC	COM	93964W108	11	17,305	SH	SOLE	1	17,305	0	0
WASHINGTON REIT	COM	939653101	1,146	56,947	SH	SOLE	1	56,947	0	0
WASHINGTON TRUST BANCORP	COM	940610108	313	10,202	SH	SOLE	1	10,202	0	0
WASTE MANAGEMENT INC	COM	94106L109	16,753	148,033	SH	SOLE	1	148,033	0	0
WATERS CORP	COM	941848103	4,724	24,142	SH	SOLE	1	24,142	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	207	13,390	SH	SOLE	1	13,390	0	0
WATFORD HOLDINGS LTD	COM	G94787101	235	10,242	SH	SOLE	1	10,242	0	0
WATSCO INC	COM	942622200	14,010	60,158	SH	SOLE	1	60,158	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	1,895	18,918	SH	SOLE	1	18,918	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	124	14,648	SH	SOLE	1	14,648	0	0
WAYFAIR INC CLASS A	COM	94419L101	484	1,664	SH	SOLE	1	1,664	0	0
WD 40 CO	COM	929236107	1,783	9,418	SH	SOLE	1	9,418	0	0
WEBSTER FINANCIAL CORP	COM	947890109	4,366	165,305	SH	SOLE	1	165,305	0	0
WEC ENERGY GROUP INC	COM	92939U106	15,417	159,099	SH	SOLE	1	159,099	0	0
WEIBO CORP SPON ADR	ADR	948596101	21	588	SH	SOLE	1	588	0	0
WEINGARTEN REALTY INVESTORS	COM	948741103	3,744	220,726	SH	SOLE	1	220,726	0	0
WEIS MARKETS INC	COM	948849104	274	5,710	SH	SOLE	1	5,710	0	0
WELBILT INC	COM	949090104	480	77,972	SH	SOLE	1	77,972	0	0
WELLS FARGO & CO	COM	949746101	30,624	1,302,612	SH	SOLE	1	1,302,612	0	0
WELLTOWER INC	COM	95040Q104	7,666	139,155	SH	SOLE	1	139,155	0	0
WENDY S CO/THE	COM	95058W100	7,370	330,550	SH	SOLE	1	330,550	0	0
WERNER ENTERPRISES INC	COM	950755108	5,966	142,070	SH	SOLE	1	142,070	0	0
WESBANCO INC	COM	950810101	833	38,984	SH	SOLE	1	38,984	0	0
WESCO INTERNATIONAL INC	COM	95082P105	1,292	29,349	SH	SOLE	1	29,349	0	0
WEST BANCORPORATION	COM	95123P106	152	9,580	SH	SOLE	1	9,580	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	6,969	25,351	SH	SOLE	1	25,351	0	0

WESTAMERICA BANCORPORATION	COM	957090103	984	18,107	SH	SOLE	1	18,107	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	40	1,273	SH	SOLE	1	1,273	0	0
WESTERN ASSET MORTGAGE CAPIT	COM	95790D105	73	35,595	SH	SOLE	1	35,595	0	0
WESTERN DIGITAL CORP	COM	958102105	5,743	157,124	SH	SOLE	1	157,124	0	0
WESTERN NEW ENGLAND BANCORP	COM	958892101	77	13,649	SH	SOLE	1	13,649	0	0
WESTERN UNION CO	COM	959802109	4,335	202,272	SH	SOLE	1	202,272	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	28	442	SH	SOLE	1	442	0	0
WESTROCK CO	COM	96145D105	4,176	120,216	SH	SOLE	1	120,216	0	0
WESTWOOD HOLDINGS GROUP INC	COM	961765104	52	4,671	SH	SOLE	1	4,671	0	0
WEX INC	COM	96208T104	11,239	80,871	SH	SOLE	1	80,871	0	0
WEYCO GROUP INC	COM	962149100	58	3,604	SH	SOLE	1	3,604	0	0
WEYERHAEUSER CO	COM	962166104	7,007	245,679	SH	SOLE	1	245,679	0	0
WHIRLPOOL CORP	COM	963320106	3,768	20,490	SH	SOLE	1	20,490	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	30	39	SH	SOLE	1	39	0	0
WHITESTONE REIT	COM	966084204	165	27,500	SH	SOLE	1	27,500	0	0
WHITING PETROLEUM CORP	COM	966387508	12	718	SH	SOLE	1	718	0	0
WIDEPENWEST INC	COM	96758W101	162	31,286	SH	SOLE	1	31,286	0	0
WILEY (JOHN) & SONS CLASS A	COM	968223206	2,536	79,974	SH	SOLE	1	79,974	0	0
WILLDAN GROUP INC	COM	96924N100	157	6,165	SH	SOLE	1	6,165	0	0
WILLIAMS COS INC	COM	969457100	9,830	500,276	SH	SOLE	1	500,276	0	0
WILLIAMS SONOMA INC	COM	969904101	12,910	142,747	SH	SOLE	1	142,747	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	32	1,754	SH	SOLE	1	1,754	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	9,687	46,388	SH	SOLE	1	46,388	0	0
WILLSCOT MOBILE MINI HOLDING	COM CL A	971378104	1,599	95,890	SH	SOLE	1	95,890	0	0
WINGSTOP INC	COM	974155103	9,783	71,588	SH	SOLE	1	71,588	0	0
WINMARK CORP	COM	974250102	309	1,796	SH	SOLE	1	1,796	0	0
WINNEBAGO INDUSTRIES	COM	974637100	1,685	32,619	SH	SOLE	1	32,619	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	4,228	105,571	SH	SOLE	1	105,571	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	300	93,616	SH	SOLE	1	93,616	0	0
WIX.COM LTD	COM	M98068105	2,037	7,994	SH	SOLE	1	7,994	0	0
WNS HOLDINGS LTD ADR	ADR	92932M101	1	14	SH	SOLE	1	14	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	1,429	55,310	SH	SOLE	1	55,310	0	0
WOODWARD INC	COM	980745103	8,522	106,310	SH	SOLE	1	106,310	0	0
WORKDAY INC CLASS A	COM	98138H101	2,279	10,593	SH	SOLE	1	10,593	0	0
WORKHORSE GROUP INC	COM	98138J206	1,425	56,372	SH	SOLE	1	56,372	0	0
WORKIVA INC	COM	98139A105	1,304	23,384	SH	SOLE	1	23,384	0	0
WORLD ACCEPTANCE CORP	COM	981419104	342	3,236	SH	SOLE	1	3,236	0	0
WORLD FUEL SERVICES CORP	COM	981475106	3,240	152,914	SH	SOLE	1	152,914	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	3,487	86,168	SH	SOLE	1	86,168	0	0
WORTHINGTON INDUSTRIES	COM	981811102	3,567	87,477	SH	SOLE	1	87,477	0	0
WP CAREY INC	COM	92936U109	145	2,229	SH	SOLE	1	2,229	0	0
WPX ENERGY INC	COM	98212B103	3,628	740,314	SH	SOLE	1	740,314	0	0

WR BERKLEY CORP	COM	084423102	2,830	46,274	SH	SOLE	1	46,274	0	0
WR GRACE & CO	COM	38388F108	40	996	SH	SOLE	1	996	0	0
WRAP TECHNOLOGIES INC	COM	98212N107	46	6,833	SH	SOLE	1	6,833	0	0
WRIGHT MEDICAL GROUP NV	COM	N96617118	2,350	76,953	SH	SOLE	1	76,953	0	0
WSFS FINANCIAL CORP	COM	929328102	810	30,017	SH	SOLE	1	30,017	0	0
WW GRAINGER INC	COM	384802104	6,034	16,913	SH	SOLE	1	16,913	0	0
WW INTERNATIONAL INC	COM	98262P101	2,144	113,625	SH	SOLE	1	113,625	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	4,806	156,242	SH	SOLE	1	156,242	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	8,622	170,737	SH	SOLE	1	170,737	0	0
WYNN RESORTS LTD	COM	983134107	2,326	32,391	SH	SOLE	1	32,391	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	65	9,614	SH	SOLE	1	9,614	0	0
XBIOTECH INC	COM	98400H102	163	8,534	SH	SOLE	1	8,534	0	0
XCEL ENERGY INC	COM	98389B100	14,105	204,385	SH	SOLE	1	204,385	0	0
XENCOR INC	COM	98401F105	1,491	38,443	SH	SOLE	1	38,443	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	687	78,260	SH	SOLE	1	78,260	0	0
XERIS PHARMACEUTICALS INC	COM	98422L107	163	27,484	SH	SOLE	1	27,484	0	0
XEROX HOLDINGS CORP	COM	98421M106	2,827	150,615	SH	SOLE	1	150,615	0	0
XILINX INC	COM	983919101	11,004	105,562	SH	SOLE	1	105,562	0	0
XOMA CORP	COM	98419J206	69	3,637	SH	SOLE	1	3,637	0	0
XPEL INC	COM	98379L100	260	9,976	SH	SOLE	1	9,976	0	0
XPERI HOLDING CORP	COM	98390M103	853	74,214	SH	SOLE	1	74,214	0	0
XPO LOGISTICS INC	COM	983793100	14,176	167,447	SH	SOLE	1	167,447	0	0
XYLEM INC	COM	98419M100	4,992	59,347	SH	SOLE	1	59,347	0	0
Y MABS THERAPEUTICS INC	COM	984241109	687	17,905	SH	SOLE	1	17,905	0	0
YELP INC	COM	985817105	3,369	167,689	SH	SOLE	1	167,689	0	0
YETI HOLDINGS INC	COM	98585X104	2,481	54,750	SH	SOLE	1	54,750	0	0
YEXT INC	COM	98585N106	918	60,466	SH	SOLE	1	60,466	0	0
YORK WATER CO	COM	987184108	328	7,766	SH	SOLE	1	7,766	0	0
YPF S.A. SPONSORED ADR	ADR	984245100	6	1,715	SH	SOLE	1	1,715	0	0
YUM BRANDS INC	COM	988498101	10,382	113,717	SH	SOLE	1	113,717	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	552	10,418	SH	SOLE	1	10,418	0	0
ZAI LAB LTD ADR	ADR	98887Q104	54	653	SH	SOLE	1	653	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	4,605	18,239	SH	SOLE	1	18,239	0	0
ZENDESK INC	COM	98936J101	308	2,988	SH	SOLE	1	2,988	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	225	6,892	SH	SOLE	1	6,892	0	0
ZILLOW GROUP INC A	COM	98954M101	85	833	SH	SOLE	1	833	0	0
ZILLOW GROUP INC C	COM	98954M200	206	2,031	SH	SOLE	1	2,031	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	9,280	68,162	SH	SOLE	1	68,162	0	0
ZIONS BANCORP NA	COM	989701107	1,576	53,947	SH	SOLE	1	53,947	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	321	127,477	SH	SOLE	1	127,477	0	0
ZIX CORP	COM	98974P100	191	32,679	SH	SOLE	1	32,679	0	0
ZOETIS INC	COM	98978V103	32,337	195,546	SH	SOLE	1	195,546	0	0
ZOGENIX INC	COM	98978L204	596	33,236	SH	SOLE	1	33,236	0	0
ZOOM VIDEO COMMUNICATIONS A	CL A	98980L101	5,123	10,898	SH	SOLE	1	10,898	0	0
ZSCALER INC	COM	98980G102	259	1,840	SH	SOLE	1	1,840	0	0

ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	151	5,048	SH	SOLE	1	5,048	0	0
ZUMIEZ INC	COM	989817101	402	14,438	SH	SOLE	1	14,438	0	0
ZUORA INC CLASS A	COM	98983V106	621	60,082	SH	SOLE	1	60,082	0	0
ZYNEX INC	COM	98986M103	226	12,946	SH	SOLE	1	12,946	0	0
ZYNGA INC CL A	CL A	98986T108	193	21,147	SH	SOLE	1	21,147	0	0