

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: 09-30-2021

Check here if Amendment  Amendment Number:  
This Amendment (Check only one.):  is a restatement.  
 adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: AMERICAN INTERNATIONAL GROUP, INC.  
Address: 1271 Ave of the Americas  
F1 37  
New York, NY 10020-1304

Form 13F File Number: 028-00219

The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person Signing this Report on Behalf of Reporting Manager:

Name: Elaine Rocha  
Title: Vice President and Chief Investment Officer  
Phone: 212-770-7000

Signature, Place, and Date of Signing:

/s/ Elaine Rocha New York, NY 11-12-2021  
[Signature] [City, State] [Date]

Report Type (Check only one.):

- 13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)  
 13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)  
 13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: 2  
Form 13F Information Table Entry Total: 3,126  
Form 13F Information Table Value Total: 18,550,710  
(thousands)

List of Other Included Managers:

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

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

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

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FORM 13F

FORM 13F INFORMATION TABLE

OMB APPROVAL	
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COLUMN 1  NAME OF ISSUER	COLUMN 2  TITLE OF CLASS	COLUMN 3  CUSIP	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
			VALUE  (x\$1000)	SHRS OR  PRN AMT	SH/	PUT/	INVESTMENT	OTHER	MANAGER	SOLE	SHARED
1 800 FLOWERS.COM INC CL A	CL A	68243Q106	445	14,589	SH		SOLE	1	14,589	0	0
10X GENOMICS INC CLASS A	CL A	88025U109	239	1,643	SH		SOLE	1	1,643	0	0
1LIFE HEALTHCARE INC	COM	68269G107	1,292	63,821	SH		SOLE	1	63,821	0	0
1ST SOURCE CORP	COM	336901103	437	9,259	SH		SOLE	1	9,259	0	0
1STDIBS.COM INC	COM	320551104	46	3,687	SH		SOLE	1	3,687	0	0
22ND CENTURY GROUP INC	COM	90137F103	261	88,128	SH		SOLE	1	88,128	0	0
2U INC	COM	90214J101	1,318	39,267	SH		SOLE	1	39,267	0	0
360 DIGITECH INC	ADR	88557W101	21	1,035	SH		SOLE	1	1,035	0	0
3D SYSTEMS CORP	COM	88554D205	2,109	76,509	SH		SOLE	1	76,509	0	0
3M CO	COM	88579Y101	29,181	166,351	SH		SOLE	1	166,351	0	0
4D MOLECULAR THERAPEUTICS IN	COM	35104E100	309	11,468	SH		SOLE	1	11,468	0	0
51JOB INC ADR	ADR	316827104	20	294	SH		SOLE	1	294	0	0
89BIO INC	COM	282559103	105	5,335	SH		SOLE	1	5,335	0	0
8X8 INC	COM	282914100	1,631	69,723	SH		SOLE	1	69,723	0	0
9 METERS BIOPHARMA INC	COM	654405109	159	122,275	SH		SOLE	1	122,275	0	0
908 DEVICES INC	COM	65443P102	230	7,076	SH		SOLE	1	7,076	0	0
A MARK PRECIOUS METALS INC	COM	00181T107	287	4,779	SH		SOLE	1	4,779	0	0
A10 NETWORKS INC	COM	002121101	443	32,893	SH		SOLE	1	32,893	0	0
AAON INC	COM	000360206	1,717	26,278	SH		SOLE	1	26,278	0	0
AAR CORP	COM	000361105	690	21,288	SH		SOLE	1	21,288	0	0
AARON S CO INC/THE	COM	00258W108	561	20,374	SH		SOLE	1	20,374	0	0
ABBOTT LABORATORIES	COM	002824100	60,958	516,026	SH		SOLE	1	516,026	0	0
ABBVIE INC	COM	00287Y109	55,661	515,999	SH		SOLE	1	515,999	0	0
ABERCROMBIE & FITCH CO CL A	CL A	002896207	1,450	38,523	SH		SOLE	1	38,523	0	0
ABIOMED INC	COM	003654100	4,871	14,964	SH		SOLE	1	14,964	0	0
ABM INDUSTRIES INC	COM	000957100	1,903	42,273	SH		SOLE	1	42,273	0	0
ABSCI CORP	COM	00091E109	88	7,595	SH		SOLE	1	7,595	0	0
ACACIA RESEARCH CORP	COM	003881307	182	26,835	SH		SOLE	1	26,835	0	0
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	1,702	42,535	SH		SOLE	1	42,535	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	9,870	154,749	SH		SOLE	1	154,749	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	1,088	65,510	SH		SOLE	1	65,510	0	0
ACADIA REALTY TRUST	COM SH BEN INT	004239109	1,115	54,638	SH		SOLE	1	54,638	0	0

ACCEL ENTERTAINMENT INC	CL A1	00436Q106	374	30,829	SH	SOLE	1	30,829	0	0
ACCELERATE DIAGNOSTICS INC	COM	00430H102	105	18,056	SH	SOLE	1	18,056	0	0
ACCELERON PHARMA INC	COM	00434H108	178	1,036	SH	SOLE	1	1,036	0	0
ACCENTURE PLC CL A	SHS CL A	G1151C101	59,015	184,467	SH	SOLE	1	184,467	0	0
ACCO BRANDS CORP	COM	00081T108	438	51,015	SH	SOLE	1	51,015	0	0
ACCOLADE INC	COM	00437E102	1,162	27,554	SH	SOLE	1	27,554	0	0
ACCURAY INC	COM	004397105	200	50,632	SH	SOLE	1	50,632	0	0
ACI WORLDWIDE INC	COM	004498101	8,162	265,614	SH	SOLE	1	265,614	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	503	27,917	SH	SOLE	1	27,917	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	21,289	275,090	SH	SOLE	1	275,090	0	0
ACUITY BRANDS INC	COM	00508Y102	10,661	61,494	SH	SOLE	1	61,494	0	0
ACUMEN PHARMACEUTICALS INC	COM	00509G209	78	5,247	SH	SOLE	1	5,247	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	876	18,768	SH	SOLE	1	18,768	0	0
ACUTUS MEDICAL INC	COM	005111109	92	10,463	SH	SOLE	1	10,463	0	0
ADAGIO THERAPEUTICS INC	COM	00534A102	488	11,562	SH	SOLE	1	11,562	0	0
ADAPTHEALTH CORP	CL A	00653Q102	914	39,226	SH	SOLE	1	39,226	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	69	2,036	SH	SOLE	1	2,036	0	0
ADDUS HOMECARE CORP	COM	006739106	774	9,702	SH	SOLE	1	9,702	0	0
ADICET BIO INC	COM	007002108	90	11,447	SH	SOLE	1	11,447	0	0
ADIENT PLC	COM	G0084W101	8,832	213,070	SH	SOLE	1	213,070	0	0
ADOBE INC	COM	00724F101	123,342	214,239	SH	SOLE	1	214,239	0	0
ADT INC	COM	00090Q103	14	1,760	SH	SOLE	1	1,760	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	1,175	31,068	SH	SOLE	1	31,068	0	0
ADTRAN INC	COM	00738A106	568	30,293	SH	SOLE	1	30,293	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	4,082	19,542	SH	SOLE	1	19,542	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	129	1,188	SH	SOLE	1	1,188	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	2,118	24,142	SH	SOLE	1	24,142	0	0
ADVANCED MICRO DEVICES	COM	007903107	48,807	474,311	SH	SOLE	1	474,311	0	0
ADVANSIX INC	COM	00773T101	684	17,206	SH	SOLE	1	17,206	0	0
ADVANTAGE SOLUTIONS INC	CL A	00791N102	362	41,817	SH	SOLE	1	41,817	0	0
ADVENT TECHNOLOGIES HOLDINGS	CL A	00788A105	75	8,607	SH	SOLE	1	8,607	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	103	47,549	SH	SOLE	1	47,549	0	0
AECOM	COM	00766T100	15,663	248,021	SH	SOLE	1	248,021	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	176	22,120	SH	SOLE	1	22,120	0	0
AEMETIS INC	COM	00770K202	271	14,798	SH	SOLE	1	14,798	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	264	23,170	SH	SOLE	1	23,170	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	2,045	46,963	SH	SOLE	1	46,963	0	0
AEROVATE THERAPEUTICS INC	COM	008064107	116	5,515	SH	SOLE	1	5,515	0	0
AEROVIRONMENT INC	COM	008073108	1,222	14,154	SH	SOLE	1	14,154	0	0
AERSALE CORP	COM	00810F106	84	4,947	SH	SOLE	1	4,947	0	0

AES CORP	COM	00130H105	4,577	200,469	SH	SOLE	1	200,469	0	0
AEVA TECHNOLOGIES INC	COM	00835Q103	333	41,978	SH	SOLE	1	41,978	0	0
AFC GAMMA INC	COM	00109K105	105	4,867	SH	SOLE	1	4,867	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	10,722	70,965	SH	SOLE	1	70,965	0	0
AFFIMED NV	COM	N01045108	393	63,538	SH	SOLE	1	63,538	0	0
AFLAC INC	COM	001055102	12,207	234,156	SH	SOLE	1	234,156	0	0
AGCO CORP	COM	001084102	13,052	106,520	SH	SOLE	1	106,520	0	0
AGEAGLE AERIAL SYSTEMS INC	COM	00848K101	112	37,139	SH	SOLE	1	37,139	0	0
AGENUS INC	COM	00847G705	594	113,076	SH	SOLE	1	113,076	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	17,183	109,077	SH	SOLE	1	109,077	0	0
AGILITI INC	COM	00848J104	245	12,864	SH	SOLE	1	12,864	0	0
AGILON HEALTH INC	COM	00857U107	34	1,300	SH	SOLE	1	1,300	0	0
AGILYSYS INC	COM	00847J105	649	12,396	SH	SOLE	1	12,396	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	1,490	32,283	SH	SOLE	1	32,283	0	0
AGNC INVESTMENT CORP	COM	00123Q104	92	5,839	SH	SOLE	1	5,839	0	0
AGREE REALTY CORP	COM	008492100	2,833	42,768	SH	SOLE	1	42,768	0	0
AIR LEASE CORP	COM	00912X302	47	1,192	SH	SOLE	1	1,192	0	0
AIR PRODUCTS & CHEMICALS INC	COM	009158106	19,192	74,937	SH	SOLE	1	74,937	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	834	32,306	SH	SOLE	1	32,306	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	5,687	54,378	SH	SOLE	1	54,378	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	275	95,461	SH	SOLE	1	95,461	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	315	14,072	SH	SOLE	1	14,072	0	0
AKOUOS INC	COM	00973J101	153	13,138	SH	SOLE	1	13,138	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	231	23,792	SH	SOLE	1	23,792	0	0
AKOYA BIOSCIENCES INC	COM	00974H104	59	4,235	SH	SOLE	1	4,235	0	0
ALAMO GROUP INC	COM	011311107	870	6,237	SH	SOLE	1	6,237	0	0
ALARM.COM HOLDINGS INC	COM	011642105	2,312	29,568	SH	SOLE	1	29,568	0	0
ALASKA AIR GROUP INC	COM	011659109	2,189	37,361	SH	SOLE	1	37,361	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,495	19,443	SH	SOLE	1	19,443	0	0
ALBEMARLE CORP	COM	012653101	7,802	35,629	SH	SOLE	1	35,629	0	0
ALBERTSONS COS INC CLASS A	COM	013091103	54	1,729	SH	SOLE	1	1,729	0	0
ALBIREO PHARMA INC	COM	01345P106	288	9,235	SH	SOLE	1	9,235	0	0
ALCOA CORP	COM	013872106	102	2,080	SH	SOLE	1	2,080	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	233	26,563	SH	SOLE	1	26,563	0	0
ALECTOR INC	COM	014442107	730	31,970	SH	SOLE	1	31,970	0	0
ALERUS FINANCIAL CORP	COM	01446U103	247	8,251	SH	SOLE	1	8,251	0	0
ALEXANDER & BALDWIN INC	COM	014491104	1,066	45,486	SH	SOLE	1	45,486	0	0
ALEXANDER S INC	COM	014752109	305	1,171	SH	SOLE	1	1,171	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	7,944	41,579	SH	SOLE	1	41,579	0	0
ALIBABA GROUP HOLDING SP ADR	ADR	01609W102	3,744	25,291	SH	SOLE	1	25,291	0	0
ALIGN TECHNOLOGY INC	COM	016255101	18,906	28,412	SH	SOLE	1	28,412	0	0

ALIGNMENT HEALTHCARE INC	COM	01625V104	230	14,417	SH	SOLE	1	14,417	0	0
ALIGOS THERAPEUTICS INC	COM	01626L105	179	11,558	SH	SOLE	1	11,558	0	0
ALKAMI TECHNOLOGY INC	COM	01644J108	98	3,954	SH	SOLE	1	3,954	0	0
ALKERMES PLC	COM	G01767105	2,708	87,801	SH	SOLE	1	87,801	0	0
ALLAKOS INC	COM	01671P100	2,025	19,129	SH	SOLE	1	19,129	0	0
ALLEGHANY CORP	COM	017175100	14,921	23,896	SH	SOLE	1	23,896	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	1,329	79,940	SH	SOLE	1	79,940	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	455	11,934	SH	SOLE	1	11,934	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	1,879	9,611	SH	SOLE	1	9,611	0	0
ALLEGION PLC	COM	G0176J109	3,648	27,595	SH	SOLE	1	27,595	0	0
ALLEGRO MICROSYSTEMS INC	COM	01749D105	25	789	SH	SOLE	1	789	0	0
ALLETE INC	COM	018522300	7,034	118,175	SH	SOLE	1	118,175	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	8,645	85,691	SH	SOLE	1	85,691	0	0
ALLIANT ENERGY CORP	COM	018802108	5,135	91,721	SH	SOLE	1	91,721	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	199	6,368	SH	SOLE	1	6,368	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	65	1,849	SH	SOLE	1	1,849	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	957	37,218	SH	SOLE	1	37,218	0	0
ALLOVIR INC	COM	019818103	405	16,144	SH	SOLE	1	16,144	0	0
ALLOVIR INC	COM	019818103	28,290	1,128,888	SH	SOLE	2	1,128,888	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	1,041	77,875	SH	SOLE	1	77,875	0	0
ALLSTATE CORP	COM	020002101	13,017	102,249	SH	SOLE	1	102,249	0	0
ALLY FINANCIAL INC	COM	02005N100	205	4,014	SH	SOLE	1	4,014	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	440	2,329	SH	SOLE	1	2,329	0	0
ALPHA & OMEGA SEMICONDUCTOR	COM	G6331P104	363	11,558	SH	SOLE	1	11,558	0	0
ALPHA TEKNOVA INC	COM	02080L102	95	3,811	SH	SOLE	1	3,811	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	269,451	100,785	SH	SOLE	1	100,785	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	255,582	95,892	SH	SOLE	1	95,892	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	472	38,702	SH	SOLE	1	38,702	0	0
ALPINE IMMUNE SCIENCES INC	COM	02083G100	68	6,358	SH	SOLE	1	6,358	0	0
ALTA EQUIPMENT GROUP INC	COM	02128L106	142	10,348	SH	SOLE	1	10,348	0	0
ALTABANCORP	COM	021347109	436	9,871	SH	SOLE	1	9,871	0	0
ALTAIR ENGINEERING INC A	COM	021369103	1,745	25,315	SH	SOLE	1	25,315	0	0
ALTERYX INC CLASS A	COM	02156B103	84	1,155	SH	SOLE	1	1,155	0	0
ALTICE USA INC A	COM	02156K103	76	3,653	SH	SOLE	1	3,653	0	0
ALTIMMUNE INC	COM	02155H200	245	21,695	SH	SOLE	1	21,695	0	0
ALTO INGREDIENTS INC	COM	021513106	193	39,144	SH	SOLE	1	39,144	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	1,963	35,469	SH	SOLE	1	35,469	0	0
ALTRIA GROUP INC	COM	02209S103	24,132	530,146	SH	SOLE	1	530,146	0	0
ALTUS MIDSTREAM CO A	CL A	02215L209	123	1,784	SH	SOLE	1	1,784	0	0
ALX ONCOLOGY HOLDINGS INC	COM	00166B105	717	9,705	SH	SOLE	1	9,705	0	0

AMALGAMATED FINANCIAL CORP	COM	022671101	118	7,458	SH	SOLE	1	7,458	0	0
AMAZON.COM INC	COM	023135106	488,518	148,710	SH	SOLE	1	148,710	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	410	28,616	SH	SOLE	1	28,616	0	0
AMBARELLA INC	COM	G037AX101	2,979	19,131	SH	SOLE	1	19,131	0	0
AMC ENTERTAINMENT HLDS CL A	CL A COM	00165C104	10,754	282,556	SH	SOLE	1	282,556	0	0
AMC NETWORKS INC A	COM	00164V103	851	18,270	SH	SOLE	1	18,270	0	0
AMCOR PLC	COM	G0250X107	5,526	476,771	SH	SOLE	1	476,771	0	0
AMDOCS LTD	COM	G02602103	109	1,441	SH	SOLE	1	1,441	0	0
AMEDISYS INC	COM	023436108	8,414	56,434	SH	SOLE	1	56,434	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	192	5,807	SH	SOLE	1	5,807	0	0
AMERANT BANCORP INC	COM	023576101	284	11,490	SH	SOLE	1	11,490	0	0
AMERCO	COM	023586100	65	100	SH	SOLE	1	100	0	0
AMEREN CORPORATION	COM	023608102	6,218	76,762	SH	SOLE	1	76,762	0	0
AMERESCO INC CL A	CL A	02361E108	988	16,915	SH	SOLE	1	16,915	0	0
AMERICA S CAR MART INC	COM	03062T105	457	3,912	SH	SOLE	1	3,912	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	3,965	193,248	SH	SOLE	1	193,248	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	1,181	31,560	SH	SOLE	1	31,560	0	0
AMERICAN AXLE & MFG HOLDINGS	COM	024061103	625	70,894	SH	SOLE	1	70,894	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	11,606	239,549	SH	SOLE	1	239,549	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	8,887	344,467	SH	SOLE	1	344,467	0	0
AMERICAN ELECTRIC POWER	COM	025537101	14,219	175,150	SH	SOLE	1	175,150	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,534	51,893	SH	SOLE	1	51,893	0	0
AMERICAN EXPRESS CO	COM	025816109	38,012	226,895	SH	SOLE	1	226,895	0	0
AMERICAN FINANCE TRUST INC	COM	02607T109	521	64,834	SH	SOLE	1	64,834	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	14,328	113,865	SH	SOLE	1	113,865	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	120	3,151	SH	SOLE	1	3,151	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	13,495	245,859	SH	SOLE	1	245,859	0	0
AMERICAN NATIONAL GROUP INC	COM	02772A109	771	4,080	SH	SOLE	1	4,080	0	0
AMERICAN OUTDOOR BRANDS INC	COM	02875D109	190	7,716	SH	SOLE	1	7,716	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	299	11,683	SH	SOLE	1	11,683	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	409	17,208	SH	SOLE	1	17,208	0	0
AMERICAN STATES WATER CO	COM	029899101	1,980	23,157	SH	SOLE	1	23,157	0	0
AMERICAN SUPERCONDUCTOR CORP	COM	030111207	220	15,115	SH	SOLE	1	15,115	0	0
AMERICAN TOWER CORP	COM	03027X100	39,950	150,520	SH	SOLE	1	150,520	0	0
AMERICAN VANGUARD CORP	COM	030371108	274	18,210	SH	SOLE	1	18,210	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	13,368	79,081	SH	SOLE	1	79,081	0	0
AMERICAN WELL CORP CLASS A	CL A	03044L105	913	100,225	SH	SOLE	1	100,225	0	0

AMERICAN WOODMARK CORP	COM	030506109	689	10,536	SH	SOLE	1	10,536	0	0
AMERICOLD REALTY TRUST	COM	03064D108	84	2,908	SH	SOLE	1	2,908	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	9,114	34,507	SH	SOLE	1	34,507	0	0
AMERIS BANCORP	COM	03076K108	2,165	41,724	SH	SOLE	1	41,724	0	0
AMERISAFE INC	COM	03071H100	677	12,046	SH	SOLE	1	12,046	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	5,335	44,665	SH	SOLE	1	44,665	0	0
AMETEK INC	COM	031100100	9,571	77,181	SH	SOLE	1	77,181	0	0
AMGEN INC	COM	031162100	47,966	225,561	SH	SOLE	1	225,561	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,375	143,934	SH	SOLE	1	143,934	0	0
AMKOR TECHNOLOGY INC	COM	031652100	5,671	227,300	SH	SOLE	1	227,300	0	0
AMMO INC	COM	00175J107	290	47,129	SH	SOLE	1	47,129	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	3,396	29,599	SH	SOLE	1	29,599	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	291	54,578	SH	SOLE	1	54,578	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	442	23,225	SH	SOLE	1	23,225	0	0
AMPHENOL CORP CL A	CL A	032095101	14,306	195,360	SH	SOLE	1	195,360	0	0
AMPIO PHARMACEUTICALS INC	COM	03209T109	177	106,644	SH	SOLE	1	106,644	0	0
AMYRIS INC	COM	03236M200	1,285	93,572	SH	SOLE	1	93,572	0	0
ANALOG DEVICES INC	COM	032654105	33,912	202,484	SH	SOLE	1	202,484	0	0
ANAPLAN INC	COM	03272L108	168	2,758	SH	SOLE	1	2,758	0	0
ANAPTYSBIO INC	COM	032724106	286	10,553	SH	SOLE	1	10,553	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	630	35,120	SH	SOLE	1	35,120	0	0
ANDERSONS INC/THE	COM	034164103	607	19,704	SH	SOLE	1	19,704	0	0
ANGEL OAK MORTGAGE INC	COM	03464Y108	67	3,977	SH	SOLE	1	3,977	0	0
ANGIODYNAMICS INC	COM	03475V101	605	23,341	SH	SOLE	1	23,341	0	0
ANGION BIOMEDICA CORP	COM	03476J107	116	11,915	SH	SOLE	1	11,915	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	201	6,130	SH	SOLE	1	6,130	0	0
ANIKA THERAPEUTICS INC	COM	035255108	385	9,056	SH	SOLE	1	9,056	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	131	15,569	SH	SOLE	1	15,569	0	0
ANNEXON INC	COM	03589W102	318	17,066	SH	SOLE	1	17,066	0	0
ANSYS INC	COM	03662Q105	13,877	40,761	SH	SOLE	1	40,761	0	0
ANTARES PHARMA INC	COM	036642106	333	91,365	SH	SOLE	1	91,365	0	0
ANTERIX INC	COM	03676C100	381	6,278	SH	SOLE	1	6,278	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	5,828	559,268	SH	SOLE	1	559,268	0	0
ANTERO RESOURCES CORP	COM	03674X106	2,946	156,645	SH	SOLE	1	156,645	0	0
ANTHEM INC	COM	036752103	29,796	79,925	SH	SOLE	1	79,925	0	0
AON PLC CLASS A	CL A	G0403H108	21,229	74,287	SH	SOLE	1	74,287	0	0
APA CORP	COM	03743Q108	2,419	112,878	SH	SOLE	1	112,878	0	0
APARTMENT INCOME REIT CO	COM	03750L109	13,194	270,319	SH	SOLE	1	270,319	0	0
APARTMENT INVT & MGMT CO A	COM	03748R747	559	81,540	SH	SOLE	1	81,540	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	1,172	35,549	SH	SOLE	1	35,549	0	0

API GROUP CORP	COM	00187Y100	2,207	108,467	SH	SOLE	1	108,467	0	0
APOGEE ENTERPRISES INC	COM	037598109	600	15,898	SH	SOLE	1	15,898	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	1,296	87,369	SH	SOLE	1	87,369	0	0
APOLLO GLOBAL MANAGEMENT INC	CL A	03768E105	219	3,560	SH	SOLE	1	3,560	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	2,154	23,653	SH	SOLE	1	23,653	0	0
APPFOLIO INC A	COM	03783C100	1,235	10,257	SH	SOLE	1	10,257	0	0
APPHARVEST INC	COM	03783T103	249	38,186	SH	SOLE	1	38,186	0	0
APPIAN CORP	COM	03782L101	1,992	21,532	SH	SOLE	1	21,532	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	1,846	117,367	SH	SOLE	1	117,367	0	0
APPLE INC	COM	037833100	748,622	5,290,612	SH	SOLE	1	5,290,612	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	2,196	24,365	SH	SOLE	1	24,365	0	0
APPLIED MATERIALS INC	COM	038222105	46,212	358,984	SH	SOLE	1	358,984	0	0
APPLIED MOLECULAR TRANSPORT	COM	03824M109	354	13,692	SH	SOLE	1	13,692	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	14	2,004	SH	SOLE	1	2,004	0	0
APPLIED THERAPEUTICS INC	COM	03828A101	161	9,694	SH	SOLE	1	9,694	0	0
APRIA INC	COM	03836A101	307	8,260	SH	SOLE	1	8,260	0	0
APTARGROUP INC	COM	038336103	13,557	113,594	SH	SOLE	1	113,594	0	0
APTIV PLC	COM	G6095L109	12,904	86,619	SH	SOLE	1	86,619	0	0
APYX MEDICAL CORP	COM	03837C106	236	17,071	SH	SOLE	1	17,071	0	0
AQUABOUTY TECHNOLOGIES	COM	03842K200	117	28,724	SH	SOLE	1	28,724	0	0
ARAMARK	COM	03852U106	84	2,553	SH	SOLE	1	2,553	0	0
ARBOR REALTY TRUST INC	COM	038923108	1,379	74,414	SH	SOLE	1	74,414	0	0
ARBUTUS BIOPHARMA CORP	COM	03879J100	189	43,977	SH	SOLE	1	43,977	0	0
ARCBEST CORP	COM	03937C105	1,301	15,907	SH	SOLE	1	15,907	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	192	5,023	SH	SOLE	1	5,023	0	0
ARCH RESOURCES INC	CL A	03940R107	768	8,276	SH	SOLE	1	8,276	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	10,023	167,016	SH	SOLE	1	167,016	0	0
ARCHROCK INC	COM	03957W106	698	84,579	SH	SOLE	1	84,579	0	0
ARCIMOTO INC	COM	039587100	171	14,987	SH	SOLE	1	14,987	0	0
ARCONIC CORP	COM	03966V107	2,183	69,208	SH	SOLE	1	69,208	0	0
ARCOSA INC	COM	039653100	1,526	30,410	SH	SOLE	1	30,410	0	0
ARCTURUS THERAPEUTICS HOLDIN	COM	03969T109	552	11,554	SH	SOLE	1	11,554	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	865	24,797	SH	SOLE	1	24,797	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	362	15,139	SH	SOLE	1	15,139	0	0
ARDAGH GROUP SA	COM	L0223L101	5	205	SH	SOLE	1	205	0	0
ARDELYX INC	COM	039697107	64	48,373	SH	SOLE	1	48,373	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	1,993	33,471	SH	SOLE	1	33,471	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	361	23,955	SH	SOLE	1	23,955	0	0
ARES MANAGEMENT CORP A	COM	03990B101	189	2,558	SH	SOLE	1	2,558	0	0
ARGAN INC	COM	04010E109	357	8,165	SH	SOLE	1	8,165	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	906	17,354	SH	SOLE	1	17,354	0	0



ARISTA NETWORKS INC	COM	040413106	6,037	17,569	SH	SOLE	1	17,569	0	0
ARKO CORP	COM	041242108	667	66,082	SH	SOLE	1	66,082	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	334	52,145	SH	SOLE	1	52,145	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	507	37,952	SH	SOLE	1	37,952	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	559	51,818	SH	SOLE	1	51,818	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	69	725	SH	SOLE	1	725	0	0
ARRAY TECHNOLOGIES INC	COM	04271T100	1,295	69,914	SH	SOLE	1	69,914	0	0
ARROW ELECTRONICS INC	COM	042735100	13,889	123,685	SH	SOLE	1	123,685	0	0
ARROW FINANCIAL CORP	COM	042744102	260	7,564	SH	SOLE	1	7,564	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	14,601	233,877	SH	SOLE	1	233,877	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	170	4,456	SH	SOLE	1	4,456	0	0
ARTHUR J GALLAGHER & CO	COM	363576109	9,255	62,263	SH	SOLE	1	62,263	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	1,568	32,043	SH	SOLE	1	32,043	0	0
ARVINAS INC	COM	04335A105	1,963	23,890	SH	SOLE	1	23,890	0	0
ASANA INC CL A	CL A	04342Y104	4,204	40,481	SH	SOLE	1	40,481	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	2,390	12,150	SH	SOLE	1	12,150	0	0
ASENSUS SURGICAL INC	COM	04367G103	237	128,068	SH	SOLE	1	128,068	0	0
ASGN INC	COM	00191U102	13,460	118,967	SH	SOLE	1	118,967	0	0
ASHFORD HOSPITALITY TRUST	COM	044103869	137	9,307	SH	SOLE	1	9,307	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	8,668	97,257	SH	SOLE	1	97,257	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	3,801	5,101	SH	SOLE	1	5,101	0	0
ASPEN AEROGELS INC	COM	04523Y105	555	12,071	SH	SOLE	1	12,071	0	0
ASPEN TECHNOLOGY INC	COM	045327103	14,434	117,537	SH	SOLE	1	117,537	0	0
ASPIRA WOMEN S HEALTH INC	COM	04537Y109	129	39,791	SH	SOLE	1	39,791	0	0
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	248	9,963	SH	SOLE	1	9,963	0	0
ASSOCIATED BANC CORP	COM	045487105	7,382	344,623	SH	SOLE	1	344,623	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	35	941	SH	SOLE	1	941	0	0
ASSURANT INC	COM	04621X108	2,770	17,562	SH	SOLE	1	17,562	0	0
ASSURED GUARANTY LTD	COM	G0585R106	311	6,639	SH	SOLE	1	6,639	0	0
ASTEC INDUSTRIES INC	COM	046224101	766	14,238	SH	SOLE	1	14,238	0	0
ASTRONICS CORP	COM	046433108	188	13,360	SH	SOLE	1	13,360	0	0
AT&T INC	COM	00206R102	55,442	2,052,647	SH	SOLE	1	2,052,647	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	810	45,233	SH	SOLE	1	45,233	0	0
ATEA PHARMACEUTICALS INC	COM	04683R106	1,239	35,349	SH	SOLE	1	35,349	0	0
ATERIAN INC	COM	02156U101	154	14,206	SH	SOLE	1	14,206	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	89	1,286	SH	SOLE	1	1,286	0	0
ATHENEX INC	COM	04685N103	142	47,329	SH	SOLE	1	47,329	0	0
ATHERSYS INC	COM	04744L106	149	112,092	SH	SOLE	1	112,092	0	0
ATHIRA PHARMA INC	COM	04746L104	166	17,652	SH	SOLE	1	17,652	0	0

ATKORE INC	COM	047649108	2,194	25,241	SH	SOLE	1	25,241	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	285	10,771	SH	SOLE	1	10,771	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,548	41,995	SH	SOLE	1	41,995	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	155	2,926	SH	SOLE	1	2,926	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	1,464	17,925	SH	SOLE	1	17,925	0	0
ATLAS TECHNICAL CONSULTANTS	CL A	049430101	78	7,645	SH	SOLE	1	7,645	0	0
ATLASSIAN CORP PLC CLASS A	CL A	G06242104	3,367	8,601	SH	SOLE	1	8,601	0	0
ATMOS ENERGY CORP	COM	049560105	3,444	39,042	SH	SOLE	1	39,042	0	0
ATN INTERNATIONAL INC	COM	00215F107	326	6,963	SH	SOLE	1	6,963	0	0
ATOMERA INC	COM	04965B100	257	11,112	SH	SOLE	1	11,112	0	0
ATOSSA THERAPEUTICS INC	COM	04962H506	209	64,031	SH	SOLE	1	64,031	0	0
ATRECA INC A	COM	04965G109	89	14,216	SH	SOLE	1	14,216	0	0
ATRICURE INC	COM	04963C209	1,705	24,521	SH	SOLE	1	24,521	0	0
ATRION CORPORATION	COM	049904105	532	763	SH	SOLE	1	763	0	0
AUDACY INC	CL A	05070N103	238	64,570	SH	SOLE	1	64,570	0	0
AUTODESK INC	COM	052769106	28,417	99,649	SH	SOLE	1	99,649	0	0
AUTOHOME INC ADR	ADR	05278C107	36	772	SH	SOLE	1	772	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	34,882	174,480	SH	SOLE	1	174,480	0	0
AUTONATION INC	COM	05329W102	9,160	75,231	SH	SOLE	1	75,231	0	0
AUTOZONE INC	COM	053332102	11,117	6,547	SH	SOLE	1	6,547	0	0
AVALARA INC	COM	05338G106	291	1,663	SH	SOLE	1	1,663	0	0
AVALO THERAPEUTICS INC	COM	05338F108	63	28,981	SH	SOLE	1	28,981	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	9,240	41,691	SH	SOLE	1	41,691	0	0
AVANGRID INC	COM	05351W103	31	636	SH	SOLE	1	636	0	0
AVANOS MEDICAL INC	COM	05350V106	942	30,206	SH	SOLE	1	30,206	0	0
AVANTOR INC	COM	05352A100	466	11,388	SH	SOLE	1	11,388	0	0
AVAYA HOLDINGS CORP	COM	05351X101	894	45,174	SH	SOLE	1	45,174	0	0
AVEANNA HEALTHCARE HOLDINGS	COM	05356F105	173	21,589	SH	SOLE	1	21,589	0	0
AVERY DENNISON CORP	COM	053611109	5,250	25,336	SH	SOLE	1	25,336	0	0
AVIAT NETWORKS INC	COM	05366Y201	173	5,276	SH	SOLE	1	5,276	0	0
AVID BIOSERVICES INC	COM	05368M106	713	33,054	SH	SOLE	1	33,054	0	0
AVID TECHNOLOGY INC	COM	05367P100	572	19,790	SH	SOLE	1	19,790	0	0
AVIDITY BIOSCIENCES INC	COM	05370A108	508	20,612	SH	SOLE	1	20,612	0	0
AVIENT CORP	COM	05368V106	9,551	206,054	SH	SOLE	1	206,054	0	0
AVIS BUDGET GROUP INC	COM	053774105	12,526	107,511	SH	SOLE	1	107,511	0	0
AVISTA CORP	COM	05379B107	1,704	43,551	SH	SOLE	1	43,551	0	0
AVITA MEDICAL INC	COM	05380C102	236	13,294	SH	SOLE	1	13,294	0	0
AVNET INC	COM	053807103	6,335	171,365	SH	SOLE	1	171,365	0	0
AVROBIO INC	COM	05455M100	116	20,737	SH	SOLE	1	20,737	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	76	2,608	SH	SOLE	1	2,608	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	984	20,925	SH	SOLE	1	20,925	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	40	863	SH	SOLE	1	863	0	0
AXOGEN INC	COM	05463X106	330	20,877	SH	SOLE	1	20,877	0	0
AXON ENTERPRISE INC	COM	05464C101	19,891	113,652	SH	SOLE	1	113,652	0	0
AXONICS INC	COM	05465P101	1,633	25,084	SH	SOLE	1	25,084	0	0

AXOS FINANCIAL INC	COM	05465C100	1,831	35,517	SH	SOLE	1	35,517	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	501	15,207	SH	SOLE	1	15,207	0	0
AXT INC	COM	00246W103	182	21,855	SH	SOLE	1	21,855	0	0
AZEK CO INC/THE	CL A	05478C105	65	1,774	SH	SOLE	1	1,774	0	0
AZZ INC	COM	002474104	831	15,626	SH	SOLE	1	15,626	0	0
B. RILEY FINANCIAL INC	COM	05580M108	729	12,355	SH	SOLE	1	12,355	0	0
B&G FOODS INC	COM	05508R106	1,204	40,266	SH	SOLE	1	40,266	0	0
BABCOCK & WILCOX ENTERPR	COM	05614L209	195	30,382	SH	SOLE	1	30,382	0	0
BADGER METER INC	COM	056525108	1,854	18,329	SH	SOLE	1	18,329	0	0
BAIDU INC SPON ADR	ADR	056752108	3,024	19,669	SH	SOLE	1	19,669	0	0
BAKER HUGHES CO	COM	05722G100	6,122	247,535	SH	SOLE	1	247,535	0	0
BALCHEM CORP	COM	057665200	2,938	20,250	SH	SOLE	1	20,250	0	0
BALL CORP	COM	058498106	10,335	114,870	SH	SOLE	1	114,870	0	0
BALLY S CORP	COM	05875B106	896	17,874	SH	SOLE	1	17,874	0	0
BANC OF CALIFORNIA INC	COM	05990K106	523	28,307	SH	SOLE	1	28,307	0	0
BANCFIRST CORP	COM	05945F103	657	10,928	SH	SOLE	1	10,928	0	0
BANCORP INC/THE	COM	05969A105	845	33,219	SH	SOLE	1	33,219	0	0
BANCORPSOUTH BANK	COM	05971J102	7,195	241,620	SH	SOLE	1	241,620	0	0
BANDWIDTH INC CLASS A	COM	05988J103	1,142	12,644	SH	SOLE	1	12,644	0	0
BANK FIRST CORP	COM	06211J100	259	3,658	SH	SOLE	1	3,658	0	0
BANK OF AMERICA CORP	COM	060505104	90,370	2,128,863	SH	SOLE	1	2,128,863	0	0
BANK OF HAWAII CORP	COM	062540109	5,728	69,704	SH	SOLE	1	69,704	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	330	8,753	SH	SOLE	1	8,753	0	0
BANK OF N.T. BUTTERFIELD&SON	COM	G0772R208	975	27,466	SH	SOLE	1	27,466	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	15,517	299,319	SH	SOLE	1	299,319	0	0
BANK OZK	COM	06417N103	9,019	209,841	SH	SOLE	1	209,841	0	0
BANKUNITED INC	COM	06652K103	2,444	58,445	SH	SOLE	1	58,445	0	0
BANNER CORPORATION	COM	06652V208	1,201	21,756	SH	SOLE	1	21,756	0	0
BAOZUN INC SPN ADR	ADR	06684L103	13	720	SH	SOLE	1	720	0	0
BAR HARBOR BANKSHARES	COM	066849100	227	8,085	SH	SOLE	1	8,085	0	0
BARNES & NOBLE EDUCATION INC	COM	06777U101	239	23,919	SH	SOLE	1	23,919	0	0
BARNES GROUP INC	COM	067806109	1,237	29,652	SH	SOLE	1	29,652	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	312	4,094	SH	SOLE	1	4,094	0	0
BASSETT FURNITURE INDS	COM	070203104	91	5,039	SH	SOLE	1	5,039	0	0
BATH & BODY WORKS INC	COM	070830104	5,101	80,928	SH	SOLE	1	80,928	0	0
BAXTER INTERNATIONAL INC	COM	071813109	14,317	178,003	SH	SOLE	1	178,003	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,459	30,549	SH	SOLE	1	30,549	0	0
BEAM GLOBAL	COM	07373B109	132	4,813	SH	SOLE	1	4,813	0	0
BEAM THERAPEUTICS INC	COM	07373V105	2,374	27,283	SH	SOLE	1	27,283	0	0
BEAUTY HEALTH CO/THE	CL A	88331L108	1,240	47,737	SH	SOLE	1	47,737	0	0
BEAZER HOMES USA INC	COM	07556Q881	277	16,030	SH	SOLE	1	16,030	0	0
BECTON DICKINSON AND CO	COM	075887109	20,296	82,563	SH	SOLE	1	82,563	0	0
BED BATH & BEYOND	COM	075896100	1,139	65,935	SH	SOLE	1	65,935	0	0

INC											
BEIGENE LTD ADR	SPON ADR	07725L102	218	600	SH	SOLE	1	600	0	0	
BELDEN INC	COM	077454106	5,882	100,965	SH	SOLE	1	100,965	0	0	
BELLRING BRANDS INC CLASS A	COM CL A	079823100	670	21,801	SH	SOLE	1	21,801	0	0	
BENCHMARK ELECTRONICS INC	COM	08160H101	600	22,447	SH	SOLE	1	22,447	0	0	
BENEFITFOCUS INC	COM	08180D106	152	13,670	SH	SOLE	1	13,670	0	0	
BENTLEY SYSTEMS INC CLASS B	CL B	08265T208	164	2,710	SH	SOLE	1	2,710	0	0	
BERKELEY LIGHTS INC	COM	084310101	520	26,571	SH	SOLE	1	26,571	0	0	
BERKSHIRE HATHAWAY INC CL B	COM	084670702	145,450	532,902	SH	SOLE	1	532,902	0	0	
BERKSHIRE HILLS BANCORP INC	COM	084680107	828	30,699	SH	SOLE	1	30,699	0	0	
BERRY CORP	COM	08579X101	266	36,913	SH	SOLE	1	36,913	0	0	
BERRY GLOBAL GROUP INC	COM	08579W103	92	1,504	SH	SOLE	1	1,504	0	0	
BEST BUY CO INC	COM	086516101	7,269	68,767	SH	SOLE	1	68,767	0	0	
BEYOND MEAT INC	COM	08862E109	112	1,066	SH	SOLE	1	1,066	0	0	
BEYONDSRING INC	COM	G10830100	193	12,259	SH	SOLE	1	12,259	0	0	
BGC PARTNERS INC CL A	CL A	05541T101	946	181,543	SH	SOLE	1	181,543	0	0	
BIG 5 SPORTING GOODS CORP	COM	08915P101	263	11,395	SH	SOLE	1	11,395	0	0	
BIG LOTS INC	COM	089302103	934	21,537	SH	SOLE	1	21,537	0	0	
BIGCOMMERCE HOLDINGS SER 1	COM SER 1	08975P108	1,341	26,482	SH	SOLE	1	26,482	0	0	
BIGLARI HOLDINGS INC B	COM	08986R309	76	443	SH	SOLE	1	443	0	0	
BILIBILI INC SPONSORED ADR	ADS REP Z	090040106	148	2,235	SH	SOLE	1	2,235	0	0	
BILL.COM HOLDINGS INC	COM	090043100	414	1,552	SH	SOLE	1	1,552	0	0	
BIO RAD LABORATORIES A	COM	090572207	4,883	6,546	SH	SOLE	1	6,546	0	0	
BIO TECHNE CORP	COM	09073M104	5,901	12,178	SH	SOLE	1	12,178	0	0	
BIOATLA INC	COM	09077B104	250	8,496	SH	SOLE	1	8,496	0	0	
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	1,398	97,315	SH	SOLE	1	97,315	0	0	
BIODELIVERY SCIENCES INTL	COM	09060J106	184	50,976	SH	SOLE	1	50,976	0	0	
BIODESIX INC	COM	09075X108	55	6,722	SH	SOLE	1	6,722	0	0	
BIOGEN INC	COM	09062X103	16,771	59,265	SH	SOLE	1	59,265	0	0	
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	4,235	30,485	SH	SOLE	1	30,485	0	0	
BIOLIFE SOLUTIONS INC	COM	09062W204	664	15,694	SH	SOLE	1	15,694	0	0	
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	157	2,032	SH	SOLE	1	2,032	0	0	
BIOMEA FUSION INC	COM	09077A106	57	4,723	SH	SOLE	1	4,723	0	0	
BIONANO GENOMICS INC	COM	09075F107	847	153,962	SH	SOLE	1	153,962	0	0	
BIOVENTUS INC A	CL A	09075A108	124	8,789	SH	SOLE	1	8,789	0	0	
BIOXCEL THERAPEUTICS INC	COM	09075P105	286	9,437	SH	SOLE	1	9,437	0	0	
BJ S RESTAURANTS INC	COM	09180C106	593	14,202	SH	SOLE	1	14,202	0	0	
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	17,008	309,680	SH	SOLE	1	309,680	0	0	
BLACK DIAMOND THERAPEUTICS I	COM	09203E105	105	12,466	SH	SOLE	1	12,466	0	0	
BLACK HILLS CORP	COM	092113109	8,983	143,137	SH	SOLE	1	143,137	0	0	
BLACK KNIGHT INC	COM	09215C105	122	1,693	SH	SOLE	1	1,693	0	0	

BLACKBAUD INC	COM	09227Q100	6,924	98,425	SH	SOLE	1	98,425	0	0
BLACKLINE INC	COM	09239B109	3,467	29,366	SH	SOLE	1	29,366	0	0
BLACKROCK INC	COM	09247X101	43,960	52,417	SH	SOLE	1	52,417	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	2,455	80,960	SH	SOLE	1	80,960	0	0
BLINK CHARGING CO	COM	09354A100	572	19,986	SH	SOLE	1	19,986	0	0
BLOOM ENERGY CORP A	COM	093712107	1,427	76,225	SH	SOLE	1	76,225	0	0
BLOOMIN BRANDS INC	COM	094235108	1,375	55,010	SH	SOLE	1	55,010	0	0
BLUCORA INC	COM	095229100	476	30,515	SH	SOLE	1	30,515	0	0
BLUE BIRD CORP	COM	095306106	180	8,650	SH	SOLE	1	8,650	0	0
BLUE FOUNDRY BANCORP	COM	09549B104	212	15,341	SH	SOLE	1	15,341	0	0
BLUE RIDGE BANKSHARES INC	COM	095825105	167	9,495	SH	SOLE	1	9,495	0	0
BLUEBIRD BIO INC	COM	09609G100	706	36,969	SH	SOLE	1	36,969	0	0
BLUEGREEN VACATIONS HOLDING	CL A	096308101	214	8,278	SH	SOLE	1	8,278	0	0
BLUELINX HOLDINGS INC	COM	09624H208	247	5,043	SH	SOLE	1	5,043	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	3,293	32,027	SH	SOLE	1	32,027	0	0
BM TECHNOLOGIES INC	CL A	05591L107	26	2,977	SH	SOLE	1	2,977	0	0
BOEING CO/THE	COM	097023105	34,838	158,399	SH	SOLE	1	158,399	0	0
BOISE CASCADE CO	COM	09739D100	1,334	24,717	SH	SOLE	1	24,717	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	30	340	SH	SOLE	1	340	0	0
BOLT BIOTHERAPEUTICS INC	COM	097702104	158	12,526	SH	SOLE	1	12,526	0	0
BONANZA CREEK ENERGY INC	COM	097793400	928	19,369	SH	SOLE	1	19,369	0	0
BOOKING HOLDINGS INC	COM	09857L108	38,112	16,055	SH	SOLE	1	16,055	0	0
BOOT BARN HOLDINGS INC	COM	099406100	1,634	18,384	SH	SOLE	1	18,384	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	208	2,616	SH	SOLE	1	2,616	0	0
BORGWARNER INC	COM	099724106	3,094	71,605	SH	SOLE	1	71,605	0	0
BOSTON BEER COMPANY INC A	COM	100557107	8,281	16,246	SH	SOLE	1	16,246	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	375	9,659	SH	SOLE	1	9,659	0	0
BOSTON PROPERTIES INC	COM	101121101	4,615	42,595	SH	SOLE	1	42,595	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	17,761	409,339	SH	SOLE	1	409,339	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	1,076	27,389	SH	SOLE	1	27,389	0	0
BOX INC CLASS A	COM	10316T104	1,847	78,018	SH	SOLE	1	78,018	0	0
BOYD GAMING CORP	COM	103304101	8,935	141,241	SH	SOLE	1	141,241	0	0
BRADY CORPORATION CL A	CL A	104674106	1,507	29,716	SH	SOLE	1	29,716	0	0
BRAEMAR HOTELS & RESORTS INC	COM	10482B101	140	28,863	SH	SOLE	1	28,863	0	0
BRANDYWINE REALTY TRUST	COM	105368203	1,431	106,614	SH	SOLE	1	106,614	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	2,761	58,904	SH	SOLE	1	58,904	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	202	11,526	SH	SOLE	1	11,526	0	0
BRIGHAM MINERALS INC CL A	CL A	10918L103	458	23,890	SH	SOLE	1	23,890	0	0
BRIGHT HEALTH GROUP INC	COM	10920V107	237	29,050	SH	SOLE	1	29,050	0	0
BRIGHT HORIZONS	COM	109194100	152	1,089	SH	SOLE	1	1,089	0	0

FAMILY SOLUT											
BRIGHTCOVE	COM	10921T101	257	22,262	SH	SOLE	1	22,262	0	0	
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	6,474	143,130	SH	SOLE	1	143,130	0	0	
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	954	36,525	SH	SOLE	1	36,525	0	0	
BRIGHTSPIRE CAPITAL INC	CL A	10949T109	434	46,214	SH	SOLE	1	46,214	0	0	
BRIGHTVIEW HOLDINGS INC	COM	10948C107	331	22,416	SH	SOLE	1	22,416	0	0	
BRINK S CO/THE	COM	109696104	7,079	111,838	SH	SOLE	1	111,838	0	0	
BRINKER INTERNATIONAL INC	COM	109641100	1,400	28,540	SH	SOLE	1	28,540	0	0	
BRISTOL MYERS SQUIBB CO	COM	110122108	38,216	645,860	SH	SOLE	1	645,860	0	0	
BRISTOW GROUP INC	COM	11040G103	471	14,807	SH	SOLE	1	14,807	0	0	
BRIXMOR PROPERTY GROUP INC	COM	11120U105	11,308	511,452	SH	SOLE	1	511,452	0	0	
BROADCOM INC	COM	11135F101	77,678	160,184	SH	SOLE	1	160,184	0	0	
BROADMARK REALTY CAPITAL INC	COM	11135B100	693	70,318	SH	SOLE	1	70,318	0	0	
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	5,987	35,930	SH	SOLE	1	35,930	0	0	
BROADSTONE NET LEASE INC	COM	11135E203	2,101	84,697	SH	SOLE	1	84,697	0	0	
BROOKDALE SENIOR LIVING INC	COM	112463104	638	101,303	SH	SOLE	1	101,303	0	0	
BROOKFIELD INFRASTRUCTURE A	CL A	11275Q107	1,758	29,363	SH	SOLE	1	29,363	0	0	
BROOKFIELD RENEWABLE COR A	CL A SUB VTG	11284V105	66	1,695	SH	SOLE	1	1,695	0	0	
BROOKLINE BANCORP INC	COM	11373M107	737	48,307	SH	SOLE	1	48,307	0	0	
BROOKLYN IMMUNOTHERAPEUTICS	COM	114082100	151	16,237	SH	SOLE	1	16,237	0	0	
BROOKS AUTOMATION INC	COM	114340102	13,148	128,457	SH	SOLE	1	128,457	0	0	
BROWN & BROWN INC	COM	115236101	3,956	71,344	SH	SOLE	1	71,344	0	0	
BROWN FORMAN CORP CLASS A	COM	115637100	44	700	SH	SOLE	1	700	0	0	
BROWN FORMAN CORP CLASS B	COM	115637209	3,746	55,902	SH	SOLE	1	55,902	0	0	
BRP GROUP INC A	COM CL A	05589G102	853	25,620	SH	SOLE	1	25,620	0	0	
BRT APARTMENTS CORP	COM	055645303	120	6,233	SH	SOLE	1	6,233	0	0	
BRUKER CORP	COM	116794108	157	2,009	SH	SOLE	1	2,009	0	0	
BRUNSWICK CORP	COM	117043109	12,724	133,559	SH	SOLE	1	133,559	0	0	
BRYN MAWR BANK CORP	COM	117665109	498	10,830	SH	SOLE	1	10,830	0	0	
BTRS HOLDINGS INC	CL A	11778X104	377	35,424	SH	SOLE	1	35,424	0	0	
BUCKLE INC/THE	COM	118440106	738	18,647	SH	SOLE	1	18,647	0	0	
BUILDERS FIRSTSOURCE INC	COM	12008R107	18,463	356,834	SH	SOLE	1	356,834	0	0	
BUNGE LTD	COM	G16962105	125	1,531	SH	SOLE	1	1,531	0	0	
BURLINGTON STORES INC	COM	122017106	360	1,270	SH	SOLE	1	1,270	0	0	
BUSINESS FIRST BANCSHARES	COM	12326C105	245	10,474	SH	SOLE	1	10,474	0	0	
BUTTERFLY NETWORK INC	CL A	124155102	1,044	99,953	SH	SOLE	1	99,953	0	0	
BWX TECHNOLOGIES INC	COM	05605H100	90	1,666	SH	SOLE	1	1,666	0	0	
BYLINE BANCORP INC	COM	124411109	335	13,645	SH	SOLE	1	13,645	0	0	
BYRNA TECHNOLOGIES INC	COM	12448X201	221	10,093	SH	SOLE	1	10,093	0	0	
C.H. ROBINSON	COM	12541W209	3,441	39,557	SH	SOLE	1	39,557	0	0	

WORLDWIDE INC										
C3.AI INC A	CL A	12468P104	21	459	SH	SOLE	1	459	0	0
C4 THERAPEUTICS INC	COM	12529R107	945	21,146	SH	SOLE	1	21,146	0	0
CABLE ONE INC	COM	12685J105	15,513	8,556	SH	SOLE	1	8,556	0	0
CABOT CORP	COM	127055101	6,404	127,780	SH	SOLE	1	127,780	0	0
CACI INTERNATIONAL INC CL A	CL A	127190304	10,630	40,557	SH	SOLE	1	40,557	0	0
CACTUS INC A	COM	127203107	1,127	29,877	SH	SOLE	1	29,877	0	0
CADENCE BANCORP	COM	12739A100	1,699	77,372	SH	SOLE	1	77,372	0	0
CADENCE DESIGN SYS INC	COM	127387108	19,941	131,676	SH	SOLE	1	131,676	0	0
CADIZ INC	COM	127537207	81	11,533	SH	SOLE	1	11,533	0	0
CAESARS ENTERTAINMENT INC	COM	12769G100	7,350	65,459	SH	SOLE	1	65,459	0	0
CAESARSTONE LTD	COM	M20598104	154	12,379	SH	SOLE	1	12,379	0	0
CAI INTERNATIONAL INC	COM	12477X106	498	8,904	SH	SOLE	1	8,904	0	0
CAL MAINE FOODS INC	COM	128030202	815	22,537	SH	SOLE	1	22,537	0	0
CALAMP CORP	COM	128126109	218	21,924	SH	SOLE	1	21,924	0	0
CALAVO GROWERS INC	COM	128246105	413	10,789	SH	SOLE	1	10,789	0	0
CALERES INC	COM	129500104	516	23,243	SH	SOLE	1	23,243	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q305	1,854	45,229	SH	SOLE	1	45,229	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,905	32,330	SH	SOLE	1	32,330	0	0
CALIX INC	COM	13100M509	1,493	30,204	SH	SOLE	1	30,204	0	0
CALLAWAY GOLF COMPANY	COM	131193104	7,289	263,792	SH	SOLE	1	263,792	0	0
CALLON PETROLEUM CO	COM	13123X508	1,227	24,997	SH	SOLE	1	24,997	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	211	5,819	SH	SOLE	1	5,819	0	0
CAMBRIDGE BANCORP	COM	132152109	329	3,735	SH	SOLE	1	3,735	0	0
CAMDEN NATIONAL CORP	COM	133034108	386	8,067	SH	SOLE	1	8,067	0	0
CAMDEN PROPERTY TRUST	COM	133131102	25,538	173,176	SH	SOLE	1	173,176	0	0
CAMPBELL SOUP CO	COM	134429109	2,888	69,086	SH	SOLE	1	69,086	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	908	23,365	SH	SOLE	1	23,365	0	0
CANNAE HOLDINGS INC	COM	13765N107	1,443	46,392	SH	SOLE	1	46,392	0	0
CANOO INC	CL A	13803R102	448	58,235	SH	SOLE	1	58,235	0	0
CANTALOUPE INC	COM	138103106	344	31,895	SH	SOLE	1	31,895	0	0
CAPITAL BANCORP INC/MD	COM	139737100	102	4,243	SH	SOLE	1	4,243	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	182	7,369	SH	SOLE	1	7,369	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	20,773	128,251	SH	SOLE	1	128,251	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	936	81,499	SH	SOLE	1	81,499	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	12,672	261,754	SH	SOLE	1	261,754	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	238	11,207	SH	SOLE	1	11,207	0	0
CAPSTEAD MORTGAGE CORP	COM	14067E506	401	59,982	SH	SOLE	1	59,982	0	0
CARA THERAPEUTICS INC	COM	140755109	428	27,692	SH	SOLE	1	27,692	0	0
CARDIFF ONCOLOGY INC	COM	14147L108	139	20,844	SH	SOLE	1	20,844	0	0
CARDINAL HEALTH INC	COM	14149Y108	4,358	88,109	SH	SOLE	1	88,109	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	812	24,731	SH	SOLE	1	24,731	0	0

CARDLYTICS INC	COM	14161W105	1,469	17,501	SH	SOLE	1	17,501	0	0
CAREDX INC	COM	14167L103	1,755	27,692	SH	SOLE	1	27,692	0	0
CARETRUST REIT INC	COM	14174T107	1,232	60,619	SH	SOLE	1	60,619	0	0
CARGURUS INC	COM	141788109	1,623	51,667	SH	SOLE	1	51,667	0	0
CARIBOU BIOSCIENCES INC	COM	142038108	251	10,496	SH	SOLE	1	10,496	0	0
CARLISLE COS INC	COM	142339100	17,878	89,932	SH	SOLE	1	89,932	0	0
CARLOTZ INC	CL A	142552108	149	39,178	SH	SOLE	1	39,178	0	0
CARLYLE GROUP INC/THE	COM	14316J108	85	1,808	SH	SOLE	1	1,808	0	0
CARMAX INC	COM	143130102	6,242	48,778	SH	SOLE	1	48,778	0	0
CARNIVAL CORP	COM	143658300	5,979	239,059	SH	SOLE	1	239,059	0	0
CARPARTS.COM INC	COM	14427M107	418	26,761	SH	SOLE	1	26,761	0	0
CARPENTER TECHNOLOGY	COM	144285103	980	29,935	SH	SOLE	1	29,935	0	0
CARRIAGE SERVICES INC	COM	143905107	402	9,009	SH	SOLE	1	9,009	0	0
CARRIER GLOBAL CORP	COM	14448C104	13,767	265,983	SH	SOLE	1	265,983	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	67	18,296	SH	SOLE	1	18,296	0	0
CARS.COM INC	COM	14575E105	474	37,465	SH	SOLE	1	37,465	0	0
CARTER BANKSHARES INC	COM	146103106	202	14,178	SH	SOLE	1	14,178	0	0
CARTER S INC	COM	146229109	7,370	75,787	SH	SOLE	1	75,787	0	0
CARVANA CO	COM	146869102	457	1,514	SH	SOLE	1	1,514	0	0
CASA SYSTEMS INC	COM	14713L102	116	17,174	SH	SOLE	1	17,174	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	2,045	26,933	SH	SOLE	1	26,933	0	0
CASEY S GENERAL STORES INC	COM	147528103	12,016	63,763	SH	SOLE	1	63,763	0	0
CASPER SLEEP INC	COM	147626105	68	15,893	SH	SOLE	1	15,893	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	326	7,791	SH	SOLE	1	7,791	0	0
CASSAVA SCIENCES INC	COM	14817C107	1,300	20,941	SH	SOLE	1	20,941	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	776	11,662	SH	SOLE	1	11,662	0	0
CASTLIGHT HEALTH INC B	CL B	14862Q100	104	66,541	SH	SOLE	1	66,541	0	0
CATALENT INC	COM	148806102	6,939	52,142	SH	SOLE	1	52,142	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	282	53,145	SH	SOLE	1	53,145	0	0
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	318	26,773	SH	SOLE	1	26,773	0	0
CATERPILLAR INC	COM	149123101	35,992	187,487	SH	SOLE	1	187,487	0	0
CATHAY GENERAL BANCORP	COM	149150104	7,236	174,817	SH	SOLE	1	174,817	0	0
CATO CORP CLASS A	COM	149205106	205	12,401	SH	SOLE	1	12,401	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,359	5,741	SH	SOLE	1	5,741	0	0
CBIZ INC	COM	124805102	886	27,388	SH	SOLE	1	27,388	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	4,581	36,983	SH	SOLE	1	36,983	0	0
CBRE GROUP INC A	COM	12504L109	10,278	105,571	SH	SOLE	1	105,571	0	0
CBTX INC	COM	12481V104	266	10,073	SH	SOLE	1	10,073	0	0
CDK GLOBAL INC	COM	12508E101	8,931	209,884	SH	SOLE	1	209,884	0	0
CDW CORP/DE	COM	12514G108	9,320	51,204	SH	SOLE	1	51,204	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	120	17,030	SH	SOLE	1	17,030	0	0
CEL SCI CORP	COM	150837607	216	19,676	SH	SOLE	1	19,676	0	0
CELANESE CORP	COM	150870103	5,050	33,526	SH	SOLE	1	33,526	0	0
CELCUITY INC	COM	15102K100	95	5,292	SH	SOLE	1	5,292	0	0
CELLDEX	COM	15117B202	1,359	25,169	SH	SOLE	1	25,169	0	0



THERAPEUTICS INC										
CELSIUS HOLDINGS INC	COM	15118V207	2,934	32,568	SH	SOLE	1	32,568	0	0
CENTENE CORP	COM	15135B101	12,350	198,202	SH	SOLE	1	198,202	0	0
CENTENNIAL RESOURCE DEVELO A	CL A	15136A102	664	99,112	SH	SOLE	1	99,112	0	0
CENTERPOINT ENERGY INC	COM	15189T107	4,356	177,060	SH	SOLE	1	177,060	0	0
CENTERSPACE	COM	15202L107	834	8,821	SH	SOLE	1	8,821	0	0
CENTRAL GARDEN & PET CO	COM	153527106	296	6,175	SH	SOLE	1	6,175	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	1,091	25,373	SH	SOLE	1	25,373	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	447	17,396	SH	SOLE	1	17,396	0	0
CENTRUS ENERGY CORP CLASS A	CL A	15643U104	205	5,311	SH	SOLE	1	5,311	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	433	32,165	SH	SOLE	1	32,165	0	0
CENTURY BANCORP INC CL A	CL A	156432106	172	1,494	SH	SOLE	1	1,494	0	0
CENTURY CASINOS INC	COM	156492100	201	14,909	SH	SOLE	1	14,909	0	0
CENTURY COMMUNITIES INC	COM	156504300	1,156	18,819	SH	SOLE	1	18,819	0	0
CENTURY THERAPEUTICS INC	COM	15673T100	163	6,463	SH	SOLE	1	6,463	0	0
CERENCE INC	COM	156727109	8,241	85,746	SH	SOLE	1	85,746	0	0
CEREVEL THERAPEUTICS HOLDING	COM	15678U128	647	21,939	SH	SOLE	1	21,939	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	4,583	40,697	SH	SOLE	1	40,697	0	0
CERNER CORP	COM	156782104	8,478	120,225	SH	SOLE	1	120,225	0	0
CERTARA INC	COM	15687V109	44	1,325	SH	SOLE	1	1,325	0	0
CERUS CORP	COM	157085101	561	92,065	SH	SOLE	1	92,065	0	0
CEVA INC	COM	157210105	605	14,170	SH	SOLE	1	14,170	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	3,585	64,221	SH	SOLE	1	64,221	0	0
CHAMPIONX CORP	COM	15872M104	10,204	456,332	SH	SOLE	1	456,332	0	0
CHANGE HEALTHCARE INC	COM	15912K100	58	2,787	SH	SOLE	1	2,787	0	0
CHANNELADVISOR CORP	COM	159179100	403	15,983	SH	SOLE	1	15,983	0	0
CHARGEPOINT HOLDINGS INC	CL A	15961R105	23	1,167	SH	SOLE	1	1,167	0	0
CHARLES RIVER LABORATORIES	COM	159864107	6,499	15,748	SH	SOLE	1	15,748	0	0
CHART INDUSTRIES INC	COM	16115Q308	4,367	22,850	SH	SOLE	1	22,850	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	35,469	48,751	SH	SOLE	1	48,751	0	0
CHASE CORP	COM	16150R104	416	4,070	SH	SOLE	1	4,070	0	0
CHATHAM LODGING TRUST	COM	16208T102	369	30,085	SH	SOLE	1	30,085	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	3,103	27,450	SH	SOLE	1	27,450	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	1,368	29,115	SH	SOLE	1	29,115	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	646	19,821	SH	SOLE	1	19,821	0	0
CHEGG INC	COM	163092109	171	2,516	SH	SOLE	1	2,516	0	0
CHEMED CORP	COM	16359R103	12,615	27,122	SH	SOLE	1	27,122	0	0
CHEMOCENTRYX INC	COM	16383L106	505	29,552	SH	SOLE	1	29,552	0	0
CHEMOURS CO/THE	COM	163851108	8,287	285,163	SH	SOLE	1	285,163	0	0
CHENIERE ENERGY INC	COM	16411R208	449	4,602	SH	SOLE	1	4,602	0	0

CHESAPEAKE ENERGY CORP	COM	165167735	3,331	54,083	SH	SOLE	1	54,083	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	1,302	10,846	SH	SOLE	1	10,846	0	0
CHEVRON CORP	COM	166764100	56,403	555,971	SH	SOLE	1	555,971	0	0
CHICKEN SOUP FOR THE SOUL EN	CL A	16842Q100	89	3,902	SH	SOLE	1	3,902	0	0
CHICO S FAS INC	COM	168615102	340	75,689	SH	SOLE	1	75,689	0	0
CHILDREN S PLACE INC/THE	COM	168905107	663	8,814	SH	SOLE	1	8,814	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	1,915	128,980	SH	SOLE	1	128,980	0	0
CHIMERIX INC	COM	16934W106	247	39,954	SH	SOLE	1	39,954	0	0
CHINOOK THERAPEUTICS INC	COM	16961L106	231	18,121	SH	SOLE	1	18,121	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	15,992	8,799	SH	SOLE	1	8,799	0	0
CHOICE HOTELS INTL INC	COM	169905106	7,184	56,845	SH	SOLE	1	56,845	0	0
CHROMADEX CORP	COM	171077407	161	25,652	SH	SOLE	1	25,652	0	0
CHUBB LTD	COM	H1467J104	27,230	156,965	SH	SOLE	1	156,965	0	0
CHURCH & DWIGHT CO INC	COM	171340102	6,146	74,435	SH	SOLE	1	74,435	0	0
CHURCHILL DOWNS INC	COM	171484108	14,415	60,044	SH	SOLE	1	60,044	0	0
CHUY S HOLDINGS INC	COM	171604101	394	12,500	SH	SOLE	1	12,500	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	16	2,325	SH	SOLE	1	2,325	0	0
CIENA CORP	COM	171779309	13,687	266,537	SH	SOLE	1	266,537	0	0
CIGNA CORP	COM	125523100	19,571	97,775	SH	SOLE	1	97,775	0	0
CIMAREX ENERGY CO	COM	171798101	15,453	177,213	SH	SOLE	1	177,213	0	0
CIMPRESS PLC	SHS EURO	G2143T103	802	9,242	SH	SOLE	1	9,242	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	5,113	44,762	SH	SOLE	1	44,762	0	0
CINEMARK HOLDINGS INC	COM	17243V102	1,301	67,703	SH	SOLE	1	67,703	0	0
CINTAS CORP	COM	172908105	13,253	34,817	SH	SOLE	1	34,817	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	386	11,704	SH	SOLE	1	11,704	0	0
CIRRUS LOGIC INC	COM	172755100	8,169	99,199	SH	SOLE	1	99,199	0	0
CISCO SYSTEMS INC	COM	17275R102	94,152	1,729,775	SH	SOLE	1	1,729,775	0	0
CIT GROUP INC	COM	125581801	11,636	223,993	SH	SOLE	1	223,993	0	0
CITI TRENDS INC	COM	17306X102	351	4,811	SH	SOLE	1	4,811	0	0
CITIGROUP INC	COM	172967424	40,892	582,671	SH	SOLE	1	582,671	0	0
CITIUS PHARMACEUTICALS INC	COM	17322U207	126	62,151	SH	SOLE	1	62,151	0	0
CITIZENS & NORTHERN CORP	COM	172922106	215	8,497	SH	SOLE	1	8,497	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	6,007	127,866	SH	SOLE	1	127,866	0	0
CITIZENS INC	COM	174740100	170	27,321	SH	SOLE	1	27,321	0	0
CITRIX SYSTEMS INC	COM	177376100	4,496	41,877	SH	SOLE	1	41,877	0	0
CITY HOLDING CO	COM	177835105	744	9,550	SH	SOLE	1	9,550	0	0
CITY OFFICE REIT INC	COM	178587101	418	23,382	SH	SOLE	1	23,382	0	0
CIVISTA BANCSHARES INC	COM	178867107	189	8,127	SH	SOLE	1	8,127	0	0
CLARIVATE PLC	ORD SHS	G21810109	106	4,843	SH	SOLE	1	4,843	0	0
CLARUS CORP	COM	18270P109	339	13,234	SH	SOLE	1	13,234	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	692	84,915	SH	SOLE	1	84,915	0	0
CLEAN HARBORS INC	COM	184496107	8,954	86,205	SH	SOLE	1	86,205	0	0
CLEANSARK INC	COM	18452B209	212	18,275	SH	SOLE	1	18,275	0	0
CLEAR CHANNEL	COM	18453H106	539	198,796	SH	SOLE	1	198,796	0	0

OUTDOOR HOLDIN										
CLEARFIELD INC	COM	18482P103	275	6,237	SH	SOLE	1	6,237	0	0
CLEARPOINT NEURO INC	COM	18507C103	185	10,423	SH	SOLE	1	10,423	0	0
CLEARWATER PAPER CORP	COM	18538R103	397	10,367	SH	SOLE	1	10,367	0	0
CLEARWAY ENERGY INC A	COM	18539C105	538	19,082	SH	SOLE	1	19,082	0	0
CLEARWAY ENERGY INC C	COM	18539C204	1,360	44,917	SH	SOLE	1	44,917	0	0
CLENE INC	COM	185634102	73	10,735	SH	SOLE	1	10,735	0	0
CLEVELAND CLIFFS INC	COM	185899101	15,515	783,208	SH	SOLE	1	783,208	0	0
CLIPPER REALTY INC	COM	18885T306	54	6,678	SH	SOLE	1	6,678	0	0
CLOROX COMPANY	COM	189054109	7,170	43,293	SH	SOLE	1	43,293	0	0
CLOUDERA INC	COM	18914U100	2,023	126,699	SH	SOLE	1	126,699	0	0
CLOUDFLARE INC CLASS A	COM	18915M107	558	4,950	SH	SOLE	1	4,950	0	0
CLOVIS ONCOLOGY INC	COM	189464100	275	61,739	SH	SOLE	1	61,739	0	0
CMC MATERIALS INC	COM	12571T100	8,133	65,995	SH	SOLE	1	65,995	0	0
CME GROUP INC	COM	12572Q105	23,261	120,286	SH	SOLE	1	120,286	0	0
CMS ENERGY CORP	COM	125896100	6,780	113,507	SH	SOLE	1	113,507	0	0
CNA FINANCIAL CORP	COM	126117100	13	308	SH	SOLE	1	308	0	0
CNB FINANCIAL CORP/PA	COM	126128107	214	8,801	SH	SOLE	1	8,801	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	6,791	288,480	SH	SOLE	1	288,480	0	0
CNX RESOURCES CORP	COM	12653C108	6,201	491,369	SH	SOLE	1	491,369	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	165	5,179	SH	SOLE	1	5,179	0	0
COCA COLA CO/THE	COM	191216100	59,036	1,125,145	SH	SOLE	1	1,125,145	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	1,161	2,946	SH	SOLE	1	2,946	0	0
COCA COLA EUROPACIFIC PARTNE	COM	G25839104	2,371	42,883	SH	SOLE	1	42,883	0	0
CODEX DNA INC	COM	192003101	47	4,244	SH	SOLE	1	4,244	0	0
CODEXIS INC	COM	192005106	766	32,948	SH	SOLE	1	32,948	0	0
CODIAK BIOSCIENCES INC	COM	192010106	142	8,707	SH	SOLE	1	8,707	0	0
COEUR MINING INC	COM	192108504	864	140,078	SH	SOLE	1	140,078	0	0
COGENT BIOSCIENCES INC	COM	19240Q201	171	20,337	SH	SOLE	1	20,337	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,895	26,750	SH	SOLE	1	26,750	0	0
COGNEX CORP	COM	192422103	24,525	305,719	SH	SOLE	1	305,719	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	13,777	185,655	SH	SOLE	1	185,655	0	0
COHEN & STEERS INC	COM	19247A100	1,140	13,613	SH	SOLE	1	13,613	0	0
COHERENT INC	COM	192479103	10,614	42,440	SH	SOLE	1	42,440	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	646	40,198	SH	SOLE	1	40,198	0	0
COHU INC	COM	192576106	963	30,135	SH	SOLE	1	30,135	0	0
COLFAX CORP	COM	194014106	10,233	222,942	SH	SOLE	1	222,942	0	0
COLGATE PALMOLIVE CO	COM	194162103	22,757	301,094	SH	SOLE	1	301,094	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	437	22,118	SH	SOLE	1	22,118	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	1,866	49,110	SH	SOLE	1	49,110	0	0
COLUMBIA FINANCIAL INC	COM	197641103	398	21,522	SH	SOLE	1	21,522	0	0
COLUMBIA PROPERTY TRUST INC	COM NEW	198287203	1,194	62,773	SH	SOLE	1	62,773	0	0

COLUMBIA SPORTSWEAR CO	COM	198516106	5,778	60,289	SH	SOLE	1	60,289	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	737	15,238	SH	SOLE	1	15,238	0	0
COMCAST CORP CLASS A	COM	20030N101	100,367	1,794,517	SH	SOLE	1	1,794,517	0	0
COMERICA INC	COM	200340107	3,219	39,993	SH	SOLE	1	39,993	0	0
COMFORT SYSTEMS USA INC	COM	199908104	1,600	22,430	SH	SOLE	1	22,430	0	0
COMMERCE BANCSHARES INC	COM	200525103	12,756	183,059	SH	SOLE	1	183,059	0	0
COMMERCIAL METALS CO	COM	201723103	8,288	272,079	SH	SOLE	1	272,079	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	166	17,545	SH	SOLE	1	17,545	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	54	3,941	SH	SOLE	1	3,941	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	2,302	33,640	SH	SOLE	1	33,640	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	912	77,977	SH	SOLE	1	77,977	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	668	14,791	SH	SOLE	1	14,791	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	358	8,514	SH	SOLE	1	8,514	0	0
COMMVault SYSTEMS INC	COM	204166102	7,800	103,577	SH	SOLE	1	103,577	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	4,957	76,967	SH	SOLE	1	76,967	0	0
COMPUTER PROGRAMS & SYSTEMS	COM	205306103	315	8,891	SH	SOLE	1	8,891	0	0
COMPX INTERNATIONAL INC	COM	20563P101	18	878	SH	SOLE	1	878	0	0
COMSCORE INC	COM	20564W105	149	38,325	SH	SOLE	1	38,325	0	0
COMSTOCK RESOURCES INC	COM	205768302	519	50,127	SH	SOLE	1	50,127	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	411	16,049	SH	SOLE	1	16,049	0	0
CONAGRA BRANDS INC	COM	205887102	4,854	143,309	SH	SOLE	1	143,309	0	0
CONCENTRIX CORP	COM	20602D101	13,051	73,734	SH	SOLE	1	73,734	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	121	14,123	SH	SOLE	1	14,123	0	0
CONDUENT INC	COM	206787103	604	91,704	SH	SOLE	1	91,704	0	0
CONMED CORP	COM	207410101	2,386	18,235	SH	SOLE	1	18,235	0	0
CONN S INC	COM	208242107	258	11,305	SH	SOLE	1	11,305	0	0
CONNECTONE BANCORP INC	COM	20786W107	613	20,419	SH	SOLE	1	20,419	0	0
CONOCOPHILLIPS	COM	20825C104	26,089	384,967	SH	SOLE	1	384,967	0	0
CONSOL ENERGY INC	COM	20854L108	554	21,296	SH	SOLE	1	21,296	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	420	45,695	SH	SOLE	1	45,695	0	0
CONSOLIDATED EDISON INC	COM	209115104	12,013	165,487	SH	SOLE	1	165,487	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	10,191	48,369	SH	SOLE	1	48,369	0	0
CONSTELLIUM SE	CL A	F21107101	1,262	67,199	SH	SOLE	1	67,199	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	532	15,934	SH	SOLE	1	15,934	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	166	17,401	SH	SOLE	1	17,401	0	0
CONTANGO OIL & GAS	COM	21075N204	367	80,399	SH	SOLE	1	80,399	0	0
CONTINENTAL RESOURCES INC/OK	COM	212015101	36	781	SH	SOLE	1	781	0	0
CONVEY HOLDING PARENT INC	COM	21258C108	62	7,365	SH	SOLE	1	7,365	0	0

COOPER COS INC/THE	COM	216648402	7,209	17,443	SH	SOLE	1	17,443	0	0
COOPER STANDARD HOLDING	COM	21676P103	232	10,573	SH	SOLE	1	10,573	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	29	351	SH	SOLE	1	351	0	0
COPART INC	COM	217204106	11,296	81,433	SH	SOLE	1	81,433	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	1,206	61,291	SH	SOLE	1	61,291	0	0
CORE & MAIN INC CLASS A	CL A	21874C102	14	543	SH	SOLE	1	543	0	0
CORE LABORATORIES N.V.	COM	N22717107	103	3,718	SH	SOLE	1	3,718	0	0
CORECIVIC INC	COM	21871N101	670	75,311	SH	SOLE	1	75,311	0	0
COREPOINT LODGING INC	COM	21872L104	334	21,537	SH	SOLE	1	21,537	0	0
CORESITE REALTY CORP	COM	21870Q105	10,587	76,418	SH	SOLE	1	76,418	0	0
CORMEDIX INC	COM	21900C308	96	20,741	SH	SOLE	1	20,741	0	0
CORNERSTONE BUILDING BRANDS	COM	21925D109	438	29,970	SH	SOLE	1	29,970	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	1,974	34,479	SH	SOLE	1	34,479	0	0
CORNING INC	COM	219350105	8,879	243,334	SH	SOLE	1	243,334	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	6,854	254,056	SH	SOLE	1	254,056	0	0
CORSAIR GAMING INC	COM	22041X102	388	14,979	SH	SOLE	1	14,979	0	0
CORTEVA INC	COM	22052L104	9,228	219,294	SH	SOLE	1	219,294	0	0
CORTEXYME INC	COM	22053A107	1,001	10,919	SH	SOLE	1	10,919	0	0
CORVEL CORP	COM	221006109	1,040	5,586	SH	SOLE	1	5,586	0	0
COSTAMARE INC	COM	Y1771G102	448	28,893	SH	SOLE	1	28,893	0	0
COSTAR GROUP INC	COM	22160N109	598	6,950	SH	SOLE	1	6,950	0	0
COSTCO WHOLESALE CORP	COM	22160K105	70,190	156,204	SH	SOLE	1	156,204	0	0
COTERRA ENERGY INC	COM	127097103	2,604	119,667	SH	SOLE	1	119,667	0	0
COTY INC CL A	CL A	222070203	4,530	576,328	SH	SOLE	1	576,328	0	0
COUCHBASE INC	COM	22207T101	165	5,297	SH	SOLE	1	5,297	0	0
COUPA SOFTWARE INC	COM	22266L106	315	1,437	SH	SOLE	1	1,437	0	0
COURSERA INC	COM	22266M104	1,000	31,598	SH	SOLE	1	31,598	0	0
COUSINS PROPERTIES INC	COM	222795502	9,549	256,069	SH	SOLE	1	256,069	0	0
COVANTA HOLDING CORP	COM	22282E102	1,319	65,577	SH	SOLE	1	65,577	0	0
COVENANT LOGISTICS GROUP INC	CL A	22284P105	183	6,627	SH	SOLE	1	6,627	0	0
COVETRUS INC	COM	22304C100	1,178	64,934	SH	SOLE	1	64,934	0	0
COWEN INC A	COM	223622606	527	15,356	SH	SOLE	1	15,356	0	0
CRA INTERNATIONAL INC	COM	12618T105	387	3,893	SH	SOLE	1	3,893	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	7,493	53,582	SH	SOLE	1	53,582	0	0
CRANE CO	COM	224399105	8,137	85,825	SH	SOLE	1	85,825	0	0
CRAWFORD & COMPANY CL A	CL A	224633206	80	8,911	SH	SOLE	1	8,911	0	0
CREDICORP LTD	COM	G2519Y108	101	907	SH	SOLE	1	907	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	60	103	SH	SOLE	1	103	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	431	20,479	SH	SOLE	1	20,479	0	0
CROCS INC	COM	227046109	20,168	140,564	SH	SOLE	1	140,564	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	478	22,488	SH	SOLE	1	22,488	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	332	25,527	SH	SOLE	1	25,527	0	0

CROWDSTRIKE HOLDINGS INC A	CL A	22788C105	4,019	16,353	SH	SOLE	1	16,353	0	0
CROWN CASTLE INTL CORP	COM	22822V101	25,180	145,282	SH	SOLE	1	145,282	0	0
CROWN HOLDINGS INC	COM	228368106	155	1,539	SH	SOLE	1	1,539	0	0
CRYOLIFE INC	COM	228903100	534	23,966	SH	SOLE	1	23,966	0	0
CRYOPORT INC	COM	229050307	1,477	22,201	SH	SOLE	1	22,201	0	0
CS DISCO INC	COM	126327105	339	7,079	SH	SOLE	1	7,079	0	0
CSG SYSTEMS INTL INC	COM	126349109	986	20,448	SH	SOLE	1	20,448	0	0
CSW INDUSTRIALS INC	COM	126402106	1,038	8,127	SH	SOLE	1	8,127	0	0
CSX CORP	COM	126408103	26,639	895,743	SH	SOLE	1	895,743	0	0
CTO REALTY GROWTH INC	COM	22948Q101	172	3,196	SH	SOLE	1	3,196	0	0
CTS CORP	COM	126501105	621	20,077	SH	SOLE	1	20,077	0	0
CUBESMART	COM	229663109	108	2,236	SH	SOLE	1	2,236	0	0
CUE BIOPHARMA INC	COM	22978P106	245	16,836	SH	SOLE	1	16,836	0	0
CULLEN/FROST BANKERS INC	COM	229899109	11,573	97,567	SH	SOLE	1	97,567	0	0
CULLINAN ONCOLOGY IN	COM	230031106	27,619	1,223,712	SH	SOLE	2	1,223,712	0	0
CULLINAN ONCOLOGY INC	COM	230031106	320	14,165	SH	SOLE	1	14,165	0	0
CUMMINS INC	COM	231021106	11,417	50,842	SH	SOLE	1	50,842	0	0
CUREVAC NV	COM	N2451R105	57	1,044	SH	SOLE	1	1,044	0	0
CURIOSITYSTREAM INC	CL A	23130Q107	150	14,242	SH	SOLE	1	14,242	0	0
CURIS INC	COM	231269200	371	47,402	SH	SOLE	1	47,402	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	200	11,532	SH	SOLE	1	11,532	0	0
CURTISS WRIGHT CORP	COM	231561101	8,884	70,411	SH	SOLE	1	70,411	0	0
CUSHMAN & WAKEFIELD PLC	COM	G2717B108	1,413	75,949	SH	SOLE	1	75,949	0	0
CUSTOM TRUCK ONE SOURCE INC	CL A	23204X103	236	25,295	SH	SOLE	1	25,295	0	0
CUSTOMERS BANCORP INC	COM	23204G100	807	18,750	SH	SOLE	1	18,750	0	0
CUTERA INC	COM	232109108	510	10,936	SH	SOLE	1	10,936	0	0
CVB FINANCIAL CORP	COM	126600105	1,650	81,005	SH	SOLE	1	81,005	0	0
CVR ENERGY INC	COM	12662P108	270	16,199	SH	SOLE	1	16,199	0	0
CVRX INC	COM	126638105	74	4,447	SH	SOLE	1	4,447	0	0
CVS HEALTH CORP	COM	126650100	32,192	379,360	SH	SOLE	1	379,360	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	885	5,605	SH	SOLE	1	5,605	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	138	37,936	SH	SOLE	1	37,936	0	0
CYRUSONE INC	COM	23283R100	16,534	213,588	SH	SOLE	1	213,588	0	0
CYTEIR THERAPEUTICS INC	COM	23284P103	80	4,576	SH	SOLE	1	4,576	0	0
CYTEK BIOSCIENCES INC	COM	23285D109	188	8,789	SH	SOLE	1	8,789	0	0
CYTOKINETICS INC	COM	23282W605	1,791	50,099	SH	SOLE	1	50,099	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	181	35,498	SH	SOLE	1	35,498	0	0
CYTOSORBENTS CORP	COM	23283X206	183	22,569	SH	SOLE	1	22,569	0	0
DAILY JOURNAL CORP	COM	233912104	212	662	SH	SOLE	1	662	0	0
DAKTRONICS INC	COM	234264109	125	23,109	SH	SOLE	1	23,109	0	0
DANA INC	COM	235825205	7,296	328,079	SH	SOLE	1	328,079	0	0
DANAHER CORP	COM	235851102	68,331	224,448	SH	SOLE	1	224,448	0	0
DANIMER SCIENTIFIC INC	CL A	236272100	596	36,448	SH	SOLE	1	36,448	0	0
DAQO NEW ENERGY CORP ADR	SPNSRD ADS	23703Q203	42	750	SH	SOLE	1	750	0	0
DARDEN RESTAURANTS	COM	237194105	6,008	39,664	SH	SOLE	1	39,664	0	0

INC										
DARIOHEALTH CORP	COM	23725P209	101	7,378	SH	SOLE	1	7,378	0	0
DARLING INGREDIENTS INC	COM	237266101	20,074	279,189	SH	SOLE	1	279,189	0	0
DASEKE INC	COM	23753F107	202	21,981	SH	SOLE	1	21,981	0	0
DATADOG INC CLASS A	COM	23804L103	645	4,562	SH	SOLE	1	4,562	0	0
DATTO HOLDING CORP	COM	23821D100	6	265	SH	SOLE	1	265	0	0
DAVE & BUSTER S ENTERTAINMEN	COM	238337109	1,025	26,750	SH	SOLE	1	26,750	0	0
DAVITA INC	COM	23918K108	2,506	21,558	SH	SOLE	1	21,558	0	0
DAY ONE BIOPHARMACEUTICALS I	COM	23954D109	143	6,035	SH	SOLE	1	6,035	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	732	21,540	SH	SOLE	1	21,540	0	0
DECKERS OUTDOOR CORP	COM	243537107	17,171	47,671	SH	SOLE	1	47,671	0	0
DEERE & CO	COM	244199105	33,418	99,735	SH	SOLE	1	99,735	0	0
DEL TACO RESTAURANTS INC	COM	245496104	143	16,344	SH	SOLE	1	16,344	0	0
DELEK US HOLDINGS INC	COM	24665A103	646	35,939	SH	SOLE	1	35,939	0	0
DELTA AIR LINES INC	COM	247361702	11,662	273,693	SH	SOLE	1	273,693	0	0
DELUXE CORP	COM	248019101	950	26,468	SH	SOLE	1	26,468	0	0
DENALI THERAPEUTICS INC	COM	24823R105	2,512	49,797	SH	SOLE	1	49,797	0	0
DENBURY INC	COM	24790A101	1,940	27,618	SH	SOLE	1	27,618	0	0
DENNY S CORP	COM	24869P104	560	34,296	SH	SOLE	1	34,296	0	0
DENTSPLY SIRONA INC	COM	24906P109	4,428	76,286	SH	SOLE	1	76,286	0	0
DERMTECH INC	COM	24984K105	427	13,285	SH	SOLE	1	13,285	0	0
DESIGN THERAPEUTICS INC	COM	25056L103	112	7,623	SH	SOLE	1	7,623	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	527	37,821	SH	SOLE	1	37,821	0	0
DESKTOP METAL INC A	CL A	25058X105	592	82,529	SH	SOLE	1	82,529	0	0
DEVON ENERGY CORP	COM	25179M103	7,209	203,010	SH	SOLE	1	203,010	0	0
DEXCOM INC	COM	252131107	22,129	40,465	SH	SOLE	1	40,465	0	0
DHT HOLDINGS INC	COM	Y2065G121	507	77,599	SH	SOLE	1	77,599	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	292	1,662	SH	SOLE	1	1,662	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	4,891	51,668	SH	SOLE	1	51,668	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,242	131,407	SH	SOLE	1	131,407	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	768	38,094	SH	SOLE	1	38,094	0	0
DICK S SPORTING GOODS INC	COM	253393102	13,514	112,834	SH	SOLE	1	112,834	0	0
DIDI GLOBAL INC	SPNSRD ADS	23292E108	30	3,782	SH	SOLE	1	3,782	0	0
DIEBOLD NIXDORF INC	COM	253651103	457	45,238	SH	SOLE	1	45,238	0	0
DIGI INTERNATIONAL INC	COM	253798102	446	21,220	SH	SOLE	1	21,220	0	0
DIGIMARC CORP	COM	25381B101	240	6,973	SH	SOLE	1	6,973	0	0
DIGITAL MEDIA SOLUTIONS A	CL A	25401G106	13	1,769	SH	SOLE	1	1,769	0	0
DIGITAL REALTY TRUST INC	COM	253868103	12,507	86,582	SH	SOLE	1	86,582	0	0
DIGITAL TURBINE INC	COM	25400W102	13,704	199,334	SH	SOLE	1	199,334	0	0
DIGITALBRIDGE GROUP INC	CL A	25401T108	1,602	265,628	SH	SOLE	1	265,628	0	0
DIGITALOCEAN HOLDINGS INC	COM	25402D102	2,105	27,115	SH	SOLE	1	27,115	0	0

DILLARDS INC CL A	CL A	254067101	569	3,296	SH	SOLE	1	3,296	0	0
DIME COMMUNITY BANCSHARES IN	COM	25432X102	707	21,639	SH	SOLE	1	21,639	0	0
DINE BRANDS GLOBAL INC	COM	254423106	836	10,300	SH	SOLE	1	10,300	0	0
DIODES INC	COM	254543101	2,489	27,473	SH	SOLE	1	27,473	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	11,158	90,827	SH	SOLE	1	90,827	0	0
DISCOVERY INC A	COM	25470F104	1,280	50,451	SH	SOLE	1	50,451	0	0
DISCOVERY INC C	COM	25470F302	2,205	90,833	SH	SOLE	1	90,833	0	0
DISH NETWORK CORP A	COM	25470M109	3,230	74,332	SH	SOLE	1	74,332	0	0
DIVERSEY HOLDINGS LTD	ORD SHS	G28923103	14	885	SH	SOLE	1	885	0	0
DIVERSIFIED HEALTHCARE TRUST	COM SH BEN INT	25525P107	505	149,047	SH	SOLE	1	149,047	0	0
DMC GLOBAL INC	COM	23291C103	431	11,673	SH	SOLE	1	11,673	0	0
DOCUSIGN INC	COM	256163106	4,106	15,951	SH	SOLE	1	15,951	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	63	715	SH	SOLE	1	715	0	0
DOLLAR GENERAL CORP	COM	256677105	17,081	80,519	SH	SOLE	1	80,519	0	0
DOLLAR TREE INC	COM	256746108	7,979	83,354	SH	SOLE	1	83,354	0	0
DOMINION ENERGY INC	COM	25746U109	16,972	232,429	SH	SOLE	1	232,429	0	0
DOMINO S PIZZA INC	COM	25754A201	6,410	13,440	SH	SOLE	1	13,440	0	0
DOMO INC CLASS B	COM	257554105	1,274	15,085	SH	SOLE	1	15,085	0	0
DOMTAR CORP	COM	257559203	1,713	31,403	SH	SOLE	1	31,403	0	0
DONALDSON CO INC	COM	257651109	12,425	216,422	SH	SOLE	1	216,422	0	0
DONEGAL GROUP INC CL A	CL A	257701201	117	8,092	SH	SOLE	1	8,092	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	640	18,498	SH	SOLE	1	18,498	0	0
DOORDASH INC A	CL A	25809K105	553	2,685	SH	SOLE	1	2,685	0	0
DORIAN LPG LTD	COM	Y2106R110	239	19,271	SH	SOLE	1	19,271	0	0
DORMAN PRODUCTS INC	COM	258278100	1,604	16,940	SH	SOLE	1	16,940	0	0
DOUBLEVERIFY HOLDINGS INC	COM	25862V105	10	304	SH	SOLE	1	304	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	449	12,366	SH	SOLE	1	12,366	0	0
DOUGLAS EMMETT INC	COM	25960P109	9,549	302,101	SH	SOLE	1	302,101	0	0
DOVER CORP	COM	260003108	6,684	42,987	SH	SOLE	1	42,987	0	0
DOW INC	COM	260557103	12,469	216,624	SH	SOLE	1	216,624	0	0
DR HORTON INC	COM	23331A109	8,378	99,771	SH	SOLE	1	99,771	0	0
DRAFTKINGS INC CL A	CL A	26142R104	287	5,964	SH	SOLE	1	5,964	0	0
DRIL QUIP INC	COM	262037104	556	22,063	SH	SOLE	1	22,063	0	0
DRIVE SHACK INC	COM	262077100	127	45,216	SH	SOLE	1	45,216	0	0
DRIVEN BRANDS HOLDINGS INC	COM	26210V102	17	599	SH	SOLE	1	599	0	0
DROPBOX INC CLASS A	COM	26210C104	175	5,986	SH	SOLE	1	5,986	0	0
DSP GROUP INC	COM	23332B106	310	14,171	SH	SOLE	1	14,171	0	0
DTE ENERGY COMPANY	COM	233331107	6,463	57,851	SH	SOLE	1	57,851	0	0
DTE MIDSTREAM LLC W/I	COM	23345M107	7,714	166,817	SH	SOLE	1	166,817	0	0
DUCK CREEK TECHNOLOG	SHS	264120106	118,328	2,674,677	SH	SOLE	2	2,674,677	0	0
DUCK CREEK TECHNOLOGIES INC	SHS	264120106	41	935	SH	SOLE	1	935	0	0
DUCKHORN PORTFOLIO INC/THE	COM	26414D106	253	11,047	SH	SOLE	1	11,047	0	0
DUCOMMUN INC	COM	264147109	300	5,955	SH	SOLE	1	5,955	0	0
DUKE ENERGY CORP	COM	26441C204	21,584	221,173	SH	SOLE	1	221,173	0	0
DUKE REALTY CORP	COM	264411505	5,452	113,882	SH	SOLE	1	113,882	0	0



DULUTH HOLDINGS INC CL B	COM	26443V101	91	6,646	SH	SOLE	1	6,646	0	0
DUN & BRADSTREET HOLDINGS IN	COM	26484T106	30	1,784	SH	SOLE	1	1,784	0	0
DUPONT DE NEMOURS INC	COM	26614N102	10,224	150,371	SH	SOLE	1	150,371	0	0
DURECT CORPORATION	COM	266605104	158	123,819	SH	SOLE	1	123,819	0	0
DXC TECHNOLOGY CO	COM	23355L106	2,528	75,216	SH	SOLE	1	75,216	0	0
DXP ENTERPRISES INC	COM	233377407	330	11,175	SH	SOLE	1	11,175	0	0
DYCOM INDUSTRIES INC	COM	267475101	4,917	69,026	SH	SOLE	1	69,026	0	0
DYNATRACE INC	COM	268150109	267	3,765	SH	SOLE	1	3,765	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	1,134	59,008	SH	SOLE	1	59,008	0	0
DYNE THERAPEUTICS INC	COM	26818M108	267	16,437	SH	SOLE	1	16,437	0	0
DYNEX CAPITAL INC	COM	26817Q886	322	18,642	SH	SOLE	1	18,642	0	0
DZS INC	COM	268211109	113	9,202	SH	SOLE	1	9,202	0	0
E2OPEN PARENT HOLDINGS INC	CL A	29788T103	1,004	88,829	SH	SOLE	1	88,829	0	0
EAGLE BANCORP INC	COM	268948106	1,143	19,883	SH	SOLE	1	19,883	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A150	247	4,891	SH	SOLE	1	4,891	0	0
EAGLE MATERIALS INC	COM	26969P108	9,460	72,122	SH	SOLE	1	72,122	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	406	7,284	SH	SOLE	1	7,284	0	0
EARGO INC	COM	270087109	73	10,804	SH	SOLE	1	10,804	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	121	13,117	SH	SOLE	1	13,117	0	0
EAST WEST BANCORP INC	COM	27579R104	18,946	244,337	SH	SOLE	1	244,337	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	1,093	52,896	SH	SOLE	1	52,896	0	0
EASTERN BANKSHARES INC	COM	27627N105	1,909	94,034	SH	SOLE	1	94,034	0	0
EASTGROUP PROPERTIES INC	COM	277276101	15,147	90,901	SH	SOLE	1	90,901	0	0
EASTMAN CHEMICAL CO	COM	277432100	4,085	40,548	SH	SOLE	1	40,548	0	0
EASTMAN KODAK CO	COM	277461406	167	24,558	SH	SOLE	1	24,558	0	0
EATON CORP PLC	COM	G29183103	21,003	140,665	SH	SOLE	1	140,665	0	0
EBAY INC	COM	278642103	20,987	301,238	SH	SOLE	1	301,238	0	0
EBIX INC	COM	278715206	443	16,438	SH	SOLE	1	16,438	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	790	16,558	SH	SOLE	1	16,558	0	0
EHOSTAR CORP A	COM	278768106	552	21,637	SH	SOLE	1	21,637	0	0
ECOLAB INC	COM	278865100	18,132	86,913	SH	SOLE	1	86,913	0	0
ECOVYST INC	COM	27923Q109	328	28,107	SH	SOLE	1	28,107	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	1,238	34,096	SH	SOLE	1	34,096	0	0
EDGEWISE THERAPEUTICS INC	COM	28036F105	116	6,993	SH	SOLE	1	6,993	0	0
EDISON INTERNATIONAL	COM	281020107	6,286	113,315	SH	SOLE	1	113,315	0	0
EDITAS MEDICINE INC	COM	28106W103	1,538	37,432	SH	SOLE	1	37,432	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	23,678	209,151	SH	SOLE	1	209,151	0	0
EGAIN CORP	COM	28225C806	114	11,188	SH	SOLE	1	11,188	0	0
EHEALTH INC	COM	28238P109	618	15,256	SH	SOLE	1	15,256	0	0
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	117	17,522	SH	SOLE	1	17,522	0	0

EL POLLO LOCO HOLDINGS INC	COM	268603107	203	11,985	SH	SOLE	1	11,985	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	158	4,959	SH	SOLE	1	4,959	0	0
ELASTIC NV	COM	N14506104	204	1,367	SH	SOLE	1	1,367	0	0
ELECTRONIC ARTS INC	COM	285512109	18,096	127,214	SH	SOLE	1	127,214	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	56	2,577	SH	SOLE	1	2,577	0	0
ELF BEAUTY INC	COM	26856L103	877	30,203	SH	SOLE	1	30,203	0	0
ELI LILLY & CO	COM	532457108	59,441	257,265	SH	SOLE	1	257,265	0	0
ELIEM THERAPEUTICS INC	COM	28658R106	69	3,863	SH	SOLE	1	3,863	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	537	29,370	SH	SOLE	1	29,370	0	0
EMCOR GROUP INC	COM	29084Q100	13,979	121,157	SH	SOLE	1	121,157	0	0
EMCORE CORP	COM	290846203	150	19,991	SH	SOLE	1	19,991	0	0
EMERALD HOLDING INC	COM	29103W104	57	13,096	SH	SOLE	1	13,096	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	5,437	108,595	SH	SOLE	1	108,595	0	0
EMERSON ELECTRIC CO	COM	291011104	19,347	205,382	SH	SOLE	1	205,382	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	785	78,284	SH	SOLE	1	78,284	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	705	17,863	SH	SOLE	1	17,863	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	681	11,988	SH	SOLE	1	11,988	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	12,894	171,823	SH	SOLE	1	171,823	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	933	18,937	SH	SOLE	1	18,937	0	0
ENCORE WIRE CORP	COM	292562105	1,202	12,671	SH	SOLE	1	12,671	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	467	144,199	SH	SOLE	1	144,199	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	5,658	144,894	SH	SOLE	1	144,894	0	0
ENERGY FUELS INC	COM	292671708	568	80,866	SH	SOLE	1	80,866	0	0
ENERGY RECOVERY INC	COM	29270J100	439	23,083	SH	SOLE	1	23,083	0	0
ENERPAC TOOL GROUP CORP	CL A	292765104	786	37,907	SH	SOLE	1	37,907	0	0
ENERSYS	COM	29275Y102	7,162	96,215	SH	SOLE	1	96,215	0	0
ENNIS INC	COM	293389102	263	13,969	SH	SOLE	1	13,969	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	788	22,818	SH	SOLE	1	22,818	0	0
ENPHASE ENERGY INC	COM	29355A107	6,432	42,889	SH	SOLE	1	42,889	0	0
ENPRO INDUSTRIES INC	COM	29355X107	1,129	12,954	SH	SOLE	1	12,954	0	0
ENSIGN GROUP INC/THE	COM	29358P101	2,469	32,968	SH	SOLE	1	32,968	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,595	6,796	SH	SOLE	1	6,796	0	0
ENTEGRIS INC	COM	29362U104	333	2,644	SH	SOLE	1	2,644	0	0
ENTERGY CORP	COM	29364G103	5,959	60,005	SH	SOLE	1	60,005	0	0
ENTERPRISE BANCORP INC	COM	293668109	182	5,075	SH	SOLE	1	5,075	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	878	19,384	SH	SOLE	1	19,384	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	234	32,937	SH	SOLE	1	32,937	0	0
ENVESTNET INC	COM	29404K106	9,871	123,021	SH	SOLE	1	123,021	0	0
ENVISTA HOLDINGS CORP	COM	29415F104	11,611	277,719	SH	SOLE	1	277,719	0	0
EOG RESOURCES INC	COM	26875P101	16,168	201,424	SH	SOLE	1	201,424	0	0
EOS ENERGY ENTERPRISES INC	CL A	29415C101	330	23,522	SH	SOLE	1	23,522	0	0
EPAM SYSTEMS INC	COM	29414B104	603	1,057	SH	SOLE	1	1,057	0	0

EPIZYME INC	COM	29428V104	252	49,142	SH	SOLE	1	49,142	0	0
EPLUS INC	COM	294268107	859	8,368	SH	SOLE	1	8,368	0	0
EPR PROPERTIES	COM	26884U109	6,361	128,820	SH	SOLE	1	128,820	0	0
EQT CORP	COM	26884L109	10,651	520,556	SH	SOLE	1	520,556	0	0
EQUIFAX INC	COM	294429105	9,412	37,141	SH	SOLE	1	37,141	0	0
EQUINIX INC	COM	29444U700	22,566	28,560	SH	SOLE	1	28,560	0	0
EQUITABLE HOLDINGS INC	COM	29452E101	122	4,114	SH	SOLE	1	4,114	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	9,324	919,557	SH	SOLE	1	919,557	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	247	7,400	SH	SOLE	1	7,400	0	0
EQUITY COMMONWEALTH	COM	294628102	1,668	64,209	SH	SOLE	1	64,209	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	212	2,716	SH	SOLE	1	2,716	0	0
EQUITY RESIDENTIAL	COM	29476L107	8,564	105,828	SH	SOLE	1	105,828	0	0
ERASCA INC	COM	29479A108	240	11,316	SH	SOLE	1	11,316	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	76	427	SH	SOLE	1	427	0	0
EROS STX GLOBAL CORP	SHS	G3788M114	160	173,874	SH	SOLE	1	173,874	0	0
ESCALADE INC	COM	296056104	105	5,532	SH	SOLE	1	5,532	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,239	16,091	SH	SOLE	1	16,091	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	173	14,368	SH	SOLE	1	14,368	0	0
ESPORTS TECHNOLOGIES INC	COM	29667L106	203	6,060	SH	SOLE	1	6,060	0	0
ESSENT GROUP LTD	COM	G3198U102	11,092	252,033	SH	SOLE	1	252,033	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	2,054	73,577	SH	SOLE	1	73,577	0	0
ESSENTIAL UTILITIES INC	COM	29670G102	17,748	385,161	SH	SOLE	1	385,161	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	6,209	19,419	SH	SOLE	1	19,419	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	27,735	92,471	SH	SOLE	1	92,471	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	334	14,093	SH	SOLE	1	14,093	0	0
ETSY INC	COM	29786A106	10,672	51,316	SH	SOLE	1	51,316	0	0
EURONET WORLDWIDE INC	COM	298736109	110	868	SH	SOLE	1	868	0	0
EUROPEAN WAX CENTER INC A	COM	29882P106	156	5,562	SH	SOLE	1	5,562	0	0
EVELO BIOSCIENCES INC	COM	299734103	117	16,623	SH	SOLE	1	16,623	0	0
EVENTBRITE INC CLASS A	COM	29975E109	777	41,084	SH	SOLE	1	41,084	0	0
EVERBRIDGE INC	COM	29978A104	114	753	SH	SOLE	1	753	0	0
EVERCOMMERCE INC	COM	29977X105	150	9,100	SH	SOLE	1	9,100	0	0
EVERCORE INC A	COM	29977A105	9,128	68,287	SH	SOLE	1	68,287	0	0
EVEREST RE GROUP LTD	COM	G3223R108	3,005	11,981	SH	SOLE	1	11,981	0	0
EVERGY INC	COM	30034W106	4,259	68,468	SH	SOLE	1	68,468	0	0
EVERI HOLDINGS INC	COM	30034T103	1,131	46,771	SH	SOLE	1	46,771	0	0
EVERQUOTE INC CLASS A	COM	30041R108	195	10,485	SH	SOLE	1	10,485	0	0
EVERSOURCE ENERGY	COM	30040W108	11,541	141,159	SH	SOLE	1	141,159	0	0
EVERTEC INC	COM	30040P103	1,735	37,949	SH	SOLE	1	37,949	0	0
EVI INDUSTRIES INC	COM	26929N102	85	3,127	SH	SOLE	1	3,127	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	614	25,932	SH	SOLE	1	25,932	0	0
EVOLENT HEALTH INC A	COM	30050B101	1,315	42,426	SH	SOLE	1	42,426	0	0

EVOLUS INC	COM	30052C107	136	17,843	SH	SOLE	1	17,843	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	2,379	63,351	SH	SOLE	1	63,351	0	0
EW SCRIPPS CO/THE A	COM	811054402	649	35,953	SH	SOLE	1	35,953	0	0
EXACT SCIENCES CORP	COM	30063P105	310	3,245	SH	SOLE	1	3,245	0	0
EXAGEN INC	COM	30068X103	77	5,649	SH	SOLE	1	5,649	0	0
EXELIXIS INC	COM	30161Q104	11,517	544,777	SH	SOLE	1	544,777	0	0
EXELON CORP	COM	30161N101	16,550	342,364	SH	SOLE	1	342,364	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	2,541	20,639	SH	SOLE	1	20,639	0	0
EXONE CO/THE	COM	302104104	218	9,329	SH	SOLE	1	9,329	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	1,366	34,359	SH	SOLE	1	34,359	0	0
EXPEDIA GROUP INC	COM	30212P303	7,415	45,244	SH	SOLE	1	45,244	0	0
EXPEDITORS INTL WASH INC	COM	302130109	6,246	52,431	SH	SOLE	1	52,431	0	0
EXPONENT INC	COM	30214U102	3,690	32,608	SH	SOLE	1	32,608	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	6,790	40,419	SH	SOLE	1	40,419	0	0
EXTRACTION OIL & GAS INC	COM	30227M303	483	8,556	SH	SOLE	1	8,556	0	0
EXTREME NETWORKS INC	COM	30226D106	766	77,733	SH	SOLE	1	77,733	0	0
EXXON MOBIL CORP	COM	30231G102	71,589	1,217,088	SH	SOLE	1	1,217,088	0	0
EYEPOINT PHARMACEUTICALS INC	COM	30233G209	120	11,564	SH	SOLE	1	11,564	0	0
EZCORP INC CL A	CL A	302301106	236	31,241	SH	SOLE	1	31,241	0	0
F45 TRAINING HOLDINGS INC	COM	30322L101	168	11,220	SH	SOLE	1	11,220	0	0
F5 NETWORKS INC	COM	315616102	3,612	18,170	SH	SOLE	1	18,170	0	0
FABRINET	COM	G3323L100	2,378	23,199	SH	SOLE	1	23,199	0	0
FACEBOOK INC CLASS A	COM	30303M102	270,816	797,949	SH	SOLE	1	797,949	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	25,797	65,345	SH	SOLE	1	65,345	0	0
FAIR ISAAC CORP	COM	303250104	19,543	49,112	SH	SOLE	1	49,112	0	0
FALCON MINERALS CORP	COM	30607B109	101	21,544	SH	SOLE	1	21,544	0	0
FARMERS NATL BANC CORP	COM	309627107	224	14,241	SH	SOLE	1	14,241	0	0
FARMLAND PARTNERS INC	COM	31154R109	188	15,664	SH	SOLE	1	15,664	0	0
FARO TECHNOLOGIES INC	COM	311642102	751	11,415	SH	SOLE	1	11,415	0	0
FASTENAL CO	COM	311900104	12,053	233,532	SH	SOLE	1	233,532	0	0
FASTLY INC CLASS A	CL A	31188V100	48	1,178	SH	SOLE	1	1,178	0	0
FATE THERAPEUTICS INC	COM	31189P102	2,633	44,422	SH	SOLE	1	44,422	0	0
FATHOM HOLDINGS INC	COM	31189V109	75	2,822	SH	SOLE	1	2,822	0	0
FB FINANCIAL CORP	COM	30257X104	904	21,087	SH	SOLE	1	21,087	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	543	5,006	SH	SOLE	1	5,006	0	0
FEDERAL REALTY INVS TRUST	COM	313747206	2,476	20,982	SH	SOLE	1	20,982	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,463	37,892	SH	SOLE	1	37,892	0	0
FEDERATED HERMES INC	CL B	314211103	7,109	218,752	SH	SOLE	1	218,752	0	0
FEDEX CORP	COM	31428X106	15,716	71,667	SH	SOLE	1	71,667	0	0
FERRO CORP	COM	315405100	1,050	51,611	SH	SOLE	1	51,611	0	0
FIBROGEN INC	COM	31572Q808	482	47,131	SH	SOLE	1	47,131	0	0
FIDELITY D&D BANCORP INC	COM	31609R100	111	2,197	SH	SOLE	1	2,197	0	0
FIDELITY NATIONAL	COM	31620R303	138	3,039	SH	SOLE	1	3,039	0	0

FINANCIAL										
FIDELITY NATIONAL INFO SERV	COM	31620M106	26,142	214,839	SH	SOLE	1	214,839	0	0
FIESTA RESTAURANT GROUP	COM	31660B101	121	11,064	SH	SOLE	1	11,064	0	0
FIFTH THIRD BANCORP	COM	316773100	8,753	206,243	SH	SOLE	1	206,243	0	0
FIGS INC CLASS A	CL A	30260D103	19	502	SH	SOLE	1	502	0	0
FINANCE OF AMERICA COS INC A	CL A	31738L107	95	19,212	SH	SOLE	1	19,212	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	263	8,573	SH	SOLE	1	8,573	0	0
FINCH THERAPEUTICS GROUP INC	COM	31773D101	54	4,143	SH	SOLE	1	4,143	0	0
FIRST ADVANTAGE CORP	COM	31846B108	309	16,199	SH	SOLE	1	16,199	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	12,690	189,268	SH	SOLE	1	189,268	0	0
FIRST BANCORP INC/ME	COM	31866P102	165	5,667	SH	SOLE	1	5,667	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,700	129,253	SH	SOLE	1	129,253	0	0
FIRST BANCORP/NC	COM	318910106	761	17,705	SH	SOLE	1	17,705	0	0
FIRST BANCSHARES INC/MS	COM	318916103	430	11,090	SH	SOLE	1	11,090	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	120	8,531	SH	SOLE	1	8,531	0	0
FIRST BUSEY CORP	COM	319383204	685	27,820	SH	SOLE	1	27,820	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	56	67	SH	SOLE	1	67	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	817	59,949	SH	SOLE	1	59,949	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	294	9,259	SH	SOLE	1	9,259	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,393	59,491	SH	SOLE	1	59,491	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	268	6,365	SH	SOLE	1	6,365	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	13,341	290,328	SH	SOLE	1	290,328	0	0
FIRST FOUNDATION INC	COM	32026V104	572	21,748	SH	SOLE	1	21,748	0	0
FIRST HAWAIIAN INC	COM	32051X108	348	11,849	SH	SOLE	1	11,849	0	0
FIRST HORIZON CORP	COM	320517105	15,411	946,053	SH	SOLE	1	946,053	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	11,582	222,388	SH	SOLE	1	222,388	0	0
FIRST INTERNET BANCORP	COM	320557101	159	5,091	SH	SOLE	1	5,091	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	902	22,416	SH	SOLE	1	22,416	0	0
FIRST MERCHANTS CORP	COM	320817109	1,240	29,628	SH	SOLE	1	29,628	0	0
FIRST MID BANCSHARES INC	COM	320866106	374	9,103	SH	SOLE	1	9,103	0	0
FIRST MIDWEST BANCORP INC/IL	COM	320867104	1,360	71,530	SH	SOLE	1	71,530	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	258	12,530	SH	SOLE	1	12,530	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	11,112	57,613	SH	SOLE	1	57,613	0	0
FIRST SOLAR INC	COM	336433107	16,263	170,368	SH	SOLE	1	170,368	0	0
FIRSTCASH INC	COM	33767D105	7,958	90,953	SH	SOLE	1	90,953	0	0
FIRSTENERGY CORP	COM	337932107	5,789	162,509	SH	SOLE	1	162,509	0	0
FISERV INC	COM	337738108	27,898	257,127	SH	SOLE	1	257,127	0	0
FISKER INC	CL A	33813J106	1,310	89,393	SH	SOLE	1	89,393	0	0
FIVE BELOW	COM	33829M101	17,131	96,891	SH	SOLE	1	96,891	0	0
FIVE STAR BANCORP	COM	33830T103	70	2,926	SH	SOLE	1	2,926	0	0

FIVE9 INC	COM	338307101	209	1,311	SH	SOLE	1	1,311	0	0
FLAGSTAR BANCORP INC	COM	337930705	1,664	32,776	SH	SOLE	1	32,776	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	6,540	25,031	SH	SOLE	1	25,031	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	161	26,357	SH	SOLE	1	26,357	0	0
FLEXSTEEL INDS	COM	339382103	112	3,636	SH	SOLE	1	3,636	0	0
FLOOR & DECOR HOLDINGS INC A	COM	339750101	241	1,998	SH	SOLE	1	1,998	0	0
FLOWERS FOODS INC	COM	343498101	8,097	342,678	SH	SOLE	1	342,678	0	0
FLOWERVE CORP	COM	34354P105	7,778	224,340	SH	SOLE	1	224,340	0	0
FLUENT INC	COM	34380C102	54	23,727	SH	SOLE	1	23,727	0	0
FLUIDIGM CORP	COM	34385P108	275	41,700	SH	SOLE	1	41,700	0	0
FLUOR CORP	COM	343412102	5,106	319,725	SH	SOLE	1	319,725	0	0
FLUSHING FINANCIAL CORP	COM	343873105	365	16,145	SH	SOLE	1	16,145	0	0
FLYWIRE CORP VOTING	COM	302492103	291	6,632	SH	SOLE	1	6,632	0	0
FMC CORP	COM	302491303	3,616	39,495	SH	SOLE	1	39,495	0	0
FNB CORP	COM	302520101	6,394	550,272	SH	SOLE	1	550,272	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	1,708	32,613	SH	SOLE	1	32,613	0	0
FOGHORN THERAPEUTICS INC	COM	344174107	149	10,706	SH	SOLE	1	10,706	0	0
FOOT LOCKER INC	COM	344849104	7,084	155,140	SH	SOLE	1	155,140	0	0
FORD MOTOR CO	COM	345370860	15,973	1,128,069	SH	SOLE	1	1,128,069	0	0
FORESTAR GROUP INC	COM	346232101	174	9,337	SH	SOLE	1	9,337	0	0
FORIAN INC	COM	34630N106	106	10,311	SH	SOLE	1	10,311	0	0
FORMA THERAPEUTICS HOLDINGS	SHS	34633R104	431	18,591	SH	SOLE	1	18,591	0	0
FORMFACTOR INC	COM	346375108	1,822	48,801	SH	SOLE	1	48,801	0	0
FORRESTER RESEARCH INC	COM	346563109	348	7,069	SH	SOLE	1	7,069	0	0
FORTE BIOSCIENCES INC	COM	34962G109	18	6,175	SH	SOLE	1	6,175	0	0
FORTERRA INC	COM	34960W106	375	15,931	SH	SOLE	1	15,931	0	0
FORTINET INC	COM	34959E109	16,664	57,059	SH	SOLE	1	57,059	0	0
FORTIVE CORP	COM	34959J108	8,141	115,361	SH	SOLE	1	115,361	0	0
FORTRESS BIOTECH INC	COM	34960Q109	126	39,204	SH	SOLE	1	39,204	0	0
FORTUNE BRANDS HOME & SECURI	COM	34964C106	3,752	41,956	SH	SOLE	1	41,956	0	0
FORWARD AIR CORP	COM	349853101	1,416	17,056	SH	SOLE	1	17,056	0	0
FOSSIL GROUP INC	COM	34988V106	355	29,933	SH	SOLE	1	29,933	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,283	47,765	SH	SOLE	1	47,765	0	0
FOX CORP CLASS A	COM	35137L105	4,684	116,785	SH	SOLE	1	116,785	0	0
FOX CORP CLASS B	COM	35137L204	2,230	60,080	SH	SOLE	1	60,080	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	13,755	95,166	SH	SOLE	1	95,166	0	0
FRANCHISE GROUP INC	COM	35180X105	549	15,510	SH	SOLE	1	15,510	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	267	90,912	SH	SOLE	1	90,912	0	0
FRANKLIN COVEY CO	COM	353469109	278	6,824	SH	SOLE	1	6,824	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	2,277	28,515	SH	SOLE	1	28,515	0	0
FRANKLIN RESOURCES INC	COM	354613101	3,075	103,462	SH	SOLE	1	103,462	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	298	64,243	SH	SOLE	1	64,243	0	0
FREEPORT MCMORAN INC	COM	35671D857	13,909	427,588	SH	SOLE	1	427,588	0	0
FREQUENCY	COM	35803L108	124	17,509	SH	SOLE	1	17,509	0	0

THERAPEUTICS INC										
FRESH DEL MONTE PRODUCE INC	COM	G36738105	678	21,037	SH	SOLE	1	21,037	0	0
FRESHPET INC	COM	358039105	114	801	SH	SOLE	1	801	0	0
FRONTDOOR INC	COM	35905A109	61	1,453	SH	SOLE	1	1,453	0	0
FRONTIER GROUP HOLDINGS INC	COM	35909R108	301	19,058	SH	SOLE	1	19,058	0	0
FRONTLINE LTD	COM	G3682E192	613	65,383	SH	SOLE	1	65,383	0	0
FRP HOLDINGS INC	COM	30292L107	205	3,658	SH	SOLE	1	3,658	0	0
FS BANCORP INC	COM	30263Y104	135	3,908	SH	SOLE	1	3,908	0	0
FTC SOLAR INC	COM	30320C103	81	10,412	SH	SOLE	1	10,412	0	0
FTI CONSULTING INC	COM	302941109	7,951	59,027	SH	SOLE	1	59,027	0	0
FTS INTERNATIONAL INC CL A	CL A	30283W302	120	4,866	SH	SOLE	1	4,866	0	0
FUBOTV INC	COM	35953D104	1,725	71,981	SH	SOLE	1	71,981	0	0
FUELCELL ENERGY INC	COM	35952H601	1,191	177,993	SH	SOLE	1	177,993	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	411	14,583	SH	SOLE	1	14,583	0	0
FULGENT GENETICS INC	COM	359664109	1,155	12,845	SH	SOLE	1	12,845	0	0
FULL HOUSE RESORTS INC	COM	359678109	190	17,907	SH	SOLE	1	17,907	0	0
FULTON FINANCIAL CORP	COM	360271100	5,593	366,060	SH	SOLE	1	366,060	0	0
FUNKO INC CLASS A	COM	361008105	264	14,511	SH	SOLE	1	14,511	0	0
FUTU HOLDINGS LTD ADR	CL A	36118L106	757	8,318	SH	SOLE	1	8,318	0	0
FUTUREFUEL CORP	COM	36116M106	116	16,218	SH	SOLE	1	16,218	0	0
G III APPAREL GROUP LTD	COM	36237H101	783	27,655	SH	SOLE	1	27,655	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	288	21,458	SH	SOLE	1	21,458	0	0
GAMCO INVESTORS INC A	COM	361438104	75	2,846	SH	SOLE	1	2,846	0	0
GAMESTOP CORP CLASS A	COM	36467W109	18,903	107,725	SH	SOLE	1	107,725	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	114	2,456	SH	SOLE	1	2,456	0	0
GAN LTD	COM	G3728V109	327	21,959	SH	SOLE	1	21,959	0	0
GANNETT CO INC	COM	36472T109	591	88,466	SH	SOLE	1	88,466	0	0
GAP INC/THE	COM	364760108	1,456	64,120	SH	SOLE	1	64,120	0	0
GARMIN LTD	COM	H2906T109	7,301	46,963	SH	SOLE	1	46,963	0	0
GARTNER INC	COM	366651107	9,197	30,265	SH	SOLE	1	30,265	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	17	1,060	SH	SOLE	1	1,060	0	0
GATOS SILVER INC	COM	368036109	295	25,394	SH	SOLE	1	25,394	0	0
GATX CORP	COM	361448103	7,172	80,076	SH	SOLE	1	80,076	0	0
GCM GROSVENOR INC CLASS A	CL A	36831E108	271	23,548	SH	SOLE	1	23,548	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	685	31,237	SH	SOLE	1	31,237	0	0
GDS HOLDINGS LTD ADR	ADR	36165L108	69	1,222	SH	SOLE	1	1,222	0	0
GEMINI THERAPEUTICS INC	COM	36870G105	48	11,990	SH	SOLE	1	11,990	0	0
GENCO SHIPPING & TRADING LTD	COM	Y2685T131	354	17,584	SH	SOLE	1	17,584	0	0
GENERAC HOLDINGS INC	COM	368736104	8,066	19,737	SH	SOLE	1	19,737	0	0
GENERAL DYNAMICS CORP	COM	369550108	13,075	66,701	SH	SOLE	1	66,701	0	0
GENERAL ELECTRIC CO	COM	369604301	32,512	315,563	SH	SOLE	1	315,563	0	0
GENERAL MILLS INC	COM	370334104	12,722	212,670	SH	SOLE	1	212,670	0	0
GENERAL MOTORS CO	COM	37045V100	21,999	417,350	SH	SOLE	1	417,350	0	0
GENERATION BIO CO	COM	37148K100	601	23,981	SH	SOLE	1	23,981	0	0

GENESCO INC	COM	371532102	528	9,153	SH	SOLE	1	9,153	0	0
GENIUS BRANDS INTERNATIONAL	COM	37229T301	210	154,486	SH	SOLE	1	154,486	0	0
GENPACT LTD	COM	G3922B107	14,142	297,654	SH	SOLE	1	297,654	0	0
GENTEX CORP	COM	371901109	13,572	411,534	SH	SOLE	1	411,534	0	0
GENTHERM INC	COM	37253A103	1,689	20,866	SH	SOLE	1	20,866	0	0
GENUINE PARTS CO	COM	372460105	5,816	47,975	SH	SOLE	1	47,975	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	1,194	318,272	SH	SOLE	1	318,272	0	0
GEO GROUP INC/THE	COM	36162J106	555	74,324	SH	SOLE	1	74,324	0	0
GERMAN AMERICAN BANCORP	COM	373865104	523	13,526	SH	SOLE	1	13,526	0	0
GERON CORP	COM	374163103	226	165,040	SH	SOLE	1	165,040	0	0
GETTY REALTY CORP	COM	374297109	731	24,938	SH	SOLE	1	24,938	0	0
GEVO INC	COM	374396406	709	106,838	SH	SOLE	1	106,838	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,433	20,579	SH	SOLE	1	20,579	0	0
GILEAD SCIENCES INC	COM	375558103	30,664	438,991	SH	SOLE	1	438,991	0	0
GLACIER BANCORP INC	COM	37637Q105	13,166	237,869	SH	SOLE	1	237,869	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	419	19,947	SH	SOLE	1	19,947	0	0
GLADSTONE LAND CORP	COM	376549101	357	15,698	SH	SOLE	1	15,698	0	0
GLATFELTER CORP	COM	377320106	388	27,540	SH	SOLE	1	27,540	0	0
GLAUKOS CORP	COM	377322102	1,365	28,336	SH	SOLE	1	28,336	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	835	32,758	SH	SOLE	1	32,758	0	0
GLOBAL INDUSTRIAL CO	COM	37892E102	264	6,970	SH	SOLE	1	6,970	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	482	32,775	SH	SOLE	1	32,775	0	0
GLOBAL NET LEASE INC	COM	379378201	1,014	63,322	SH	SOLE	1	63,322	0	0
GLOBAL PAYMENTS INC	COM	37940X102	13,307	84,448	SH	SOLE	1	84,448	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	130	6,923	SH	SOLE	1	6,923	0	0
GLOBALSTAR INC	COM	378973408	555	332,309	SH	SOLE	1	332,309	0	0
GLOBANT SA	COM	L44385109	361	1,283	SH	SOLE	1	1,283	0	0
GLOBE LIFE INC	COM	37959E102	2,495	28,020	SH	SOLE	1	28,020	0	0
GLOBUS MEDICAL INC A	COM	379577208	10,334	134,878	SH	SOLE	1	134,878	0	0
GMS INC	COM	36251C103	1,176	26,859	SH	SOLE	1	26,859	0	0
GODADDY INC CLASS A	COM	380237107	141	2,016	SH	SOLE	1	2,016	0	0
GOGO INC	COM	38046C109	560	32,354	SH	SOLE	1	32,354	0	0
GOHEALTH INC CLASS A	CL A	38046W105	4	883	SH	SOLE	1	883	0	0
GOLAR LNG LTD	COM	G9456A100	730	56,282	SH	SOLE	1	56,282	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	461	9,397	SH	SOLE	1	9,397	0	0
GOLDEN NUGGET ONLINE GAMING	CL A	38113L107	379	21,836	SH	SOLE	1	21,836	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	36,635	96,911	SH	SOLE	1	96,911	0	0
GOODYEAR TIRE & RUBBER CO	COM	382550101	11,188	632,084	SH	SOLE	1	632,084	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	1,476	9,694	SH	SOLE	1	9,694	0	0
GOPRO INC CLASS A	COM	38268T103	647	69,085	SH	SOLE	1	69,085	0	0
GORMAN RUPP CO	COM	383082104	445	12,432	SH	SOLE	1	12,432	0	0
GOSSAMER BIO INC	COM	38341P102	428	34,032	SH	SOLE	1	34,032	0	0
GP STRATEGIES CORP	COM	36225V104	143	6,893	SH	SOLE	1	6,893	0	0
GRACO INC	COM	384109104	20,515	293,201	SH	SOLE	1	293,201	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	1,150	111,440	SH	SOLE	1	111,440	0	0



GRAHAM HOLDINGS CO CLASS B	COM	384637104	5,320	9,030	SH	SOLE	1	9,030	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	6,845	77,816	SH	SOLE	1	77,816	0	0
GRANITE CONSTRUCTION INC	COM	387328107	1,136	28,723	SH	SOLE	1	28,723	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	453	34,366	SH	SOLE	1	34,366	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	73	3,820	SH	SOLE	1	3,820	0	0
GRAPHITE BIO INC	COM	38870X104	146	8,893	SH	SOLE	1	8,893	0	0
GRAY TELEVISION INC	COM	389375106	1,067	46,779	SH	SOLE	1	46,779	0	0
GREAT AJAX CORP	COM	38983D300	160	11,873	SH	SOLE	1	11,873	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	535	35,449	SH	SOLE	1	35,449	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	318	5,797	SH	SOLE	1	5,797	0	0
GREAT WESTERN BANCORP INC	COM	391416104	1,138	34,754	SH	SOLE	1	34,754	0	0
GREEN BRICK PARTNERS INC	COM	392709101	345	16,828	SH	SOLE	1	16,828	0	0
GREEN DOT CORP CLASS A	COM	39304D102	1,694	33,660	SH	SOLE	1	33,660	0	0
GREEN PLAINS INC	COM	393222104	994	30,431	SH	SOLE	1	30,431	0	0
GREENBOX POS	COM	39366L208	83	10,005	SH	SOLE	1	10,005	0	0
GREENBRIER COMPANIES INC	COM	393657101	862	20,050	SH	SOLE	1	20,050	0	0
GREENHILL & CO INC	COM	395259104	132	9,033	SH	SOLE	1	9,033	0	0
GREENLANE HOLDINGS INC A	COM	395330103	21	8,930	SH	SOLE	1	8,930	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	106	14,385	SH	SOLE	1	14,385	0	0
GREENSKY INC CLASS A	CL A	39572G100	439	39,279	SH	SOLE	1	39,279	0	0
GREENWICH LIFESCIENCES INC	COM	396879108	86	2,209	SH	SOLE	1	2,209	0	0
GREIF INC CL A	CL A	397624107	3,847	59,551	SH	SOLE	1	59,551	0	0
GREIF INC CL B	COM	397624206	210	3,246	SH	SOLE	1	3,246	0	0
GRID DYNAMICS HOLDINGS INC	CL A	39813G109	674	23,065	SH	SOLE	1	23,065	0	0
GRIFFON CORP	COM	398433102	720	29,262	SH	SOLE	1	29,262	0	0
GRITSTONE BIO INC	COM	39868T105	239	22,100	SH	SOLE	1	22,100	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	3,243	150,329	SH	SOLE	1	150,329	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	2,080	11,071	SH	SOLE	1	11,071	0	0
GROUPON INC	COM	399473206	294	12,902	SH	SOLE	1	12,902	0	0
GROWGENERATION CORP	COM	39986L109	731	29,612	SH	SOLE	1	29,612	0	0
GT BIOPHARMA INC	COM	36254L209	65	9,712	SH	SOLE	1	9,712	0	0
GTY TECHNOLOGY HOLDINGS INC	COM	362409104	132	17,617	SH	SOLE	1	17,617	0	0
GUARANTY BANCSHARES INC	COM	400764106	157	4,370	SH	SOLE	1	4,370	0	0
GUARDANT HEALTH INC	COM	40131M109	221	1,764	SH	SOLE	1	1,764	0	0
GUESS INC	COM	401617105	529	25,162	SH	SOLE	1	25,162	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	111	935	SH	SOLE	1	935	0	0
GXO LOGISTICS INC	COM	36262G101	13,371	170,459	SH	SOLE	1	170,459	0	0
H.B. FULLER CO.	COM	359694106	2,115	32,761	SH	SOLE	1	32,761	0	0
H&E EQUIPMENT SERVICES INC	COM	404030108	611	17,605	SH	SOLE	1	17,605	0	0
H&R BLOCK INC	COM	093671105	7,697	307,873	SH	SOLE	1	307,873	0	0
HACKETT GROUP	COM	404609109	264	13,445	SH	SOLE	1	13,445	0	0

INC/THE										
HAEMONETICS CORP/MASS	COM	405024100	8,105	114,818	SH	SOLE	1	114,818	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	6,172	144,262	SH	SOLE	1	144,262	0	0
HALL OF FAME RESORT & ENTERT	COM	40619L102	80	30,095	SH	SOLE	1	30,095	0	0
HALLIBURTON CO	COM	406216101	5,757	266,280	SH	SOLE	1	266,280	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	13,046	320,686	SH	SOLE	1	320,686	0	0
HAMILTON BEACH BRAND A	COM	40701T104	64	4,064	SH	SOLE	1	4,064	0	0
HAMILTON LANE INC CLASS A	COM	407497106	1,580	18,624	SH	SOLE	1	18,624	0	0
HANCOCK WHITNEY CORP	COM	410120109	9,234	195,975	SH	SOLE	1	195,975	0	0
HANESBRANDS INC	COM	410345102	1,819	106,005	SH	SOLE	1	106,005	0	0
HANGER INC	COM	41043F208	516	23,482	SH	SOLE	1	23,482	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	384	19,165	SH	SOLE	1	19,165	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	2,245	41,975	SH	SOLE	1	41,975	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	7,970	61,491	SH	SOLE	1	61,491	0	0
HARBORONE BANCORP INC	COM	41165Y100	381	27,140	SH	SOLE	1	27,140	0	0
HARLEY DAVIDSON INC	COM	412822108	9,700	264,950	SH	SOLE	1	264,950	0	0
HARMONIC INC	COM	413160102	499	57,053	SH	SOLE	1	57,053	0	0
HARMONY BIOSCIENCES HOLDINGS	COM	413197104	469	12,234	SH	SOLE	1	12,234	0	0
HARPOON THERAPEUTICS INC	COM	41358P106	81	10,238	SH	SOLE	1	10,238	0	0
HARSCO CORP	COM	415864107	834	49,222	SH	SOLE	1	49,222	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	7,592	108,078	SH	SOLE	1	108,078	0	0
HARVARD BIOSCIENCE INC	COM	416906105	150	21,502	SH	SOLE	1	21,502	0	0
HASBRO INC	COM	418056107	3,447	38,632	SH	SOLE	1	38,632	0	0
HAVERTY FURNITURE	COM	419596101	349	10,359	SH	SOLE	1	10,359	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	7,685	188,214	SH	SOLE	1	188,214	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	688	31,786	SH	SOLE	1	31,786	0	0
HAWKINS INC	COM	420261109	420	12,033	SH	SOLE	1	12,033	0	0
HAYNES INTERNATIONAL INC	COM	420877201	293	7,860	SH	SOLE	1	7,860	0	0
HAYWARD HOLDINGS INC	COM	421298100	9	427	SH	SOLE	1	427	0	0
HBT FINANCIAL INC/DE	COM	404111106	82	5,242	SH	SOLE	1	5,242	0	0
HCA HEALTHCARE INC	COM	40412C101	21,283	87,684	SH	SOLE	1	87,684	0	0
HCI GROUP INC	COM	40416E103	402	3,629	SH	SOLE	1	3,629	0	0
HEALTH CATALYST INC	COM	42225T107	1,373	27,445	SH	SOLE	1	27,445	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	9,788	328,686	SH	SOLE	1	328,686	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	1,175	47,025	SH	SOLE	1	47,025	0	0
HEALTHCARE TRUST OF AME CL A	CL A	42225P501	72	2,424	SH	SOLE	1	2,424	0	0
HEALTHQUITY INC	COM	42226A107	12,140	187,463	SH	SOLE	1	187,463	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	5,389	160,952	SH	SOLE	1	160,952	0	0
HEALTHSTREAM INC	COM	42222N103	454	15,868	SH	SOLE	1	15,868	0	0
HEARTLAND EXPRESS INC	COM	422347104	479	29,879	SH	SOLE	1	29,879	0	0

HEARTLAND FINANCIAL USA INC	COM	42234Q102	1,061	22,066	SH	SOLE	1	22,066	0	0
HECLA MINING CO	COM	422704106	1,601	291,005	SH	SOLE	1	291,005	0	0
HEICO CORP	COM	422806109	82	621	SH	SOLE	1	621	0	0
HEICO CORP CLASS A	COM	422806208	129	1,092	SH	SOLE	1	1,092	0	0
HEIDRICK & STRUGGLES INTL	COM	422819102	542	12,152	SH	SOLE	1	12,152	0	0
HELEN OF TROY LTD	COM	G4388N106	12,229	54,430	SH	SOLE	1	54,430	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	1,453	17,701	SH	SOLE	1	17,701	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	348	89,723	SH	SOLE	1	89,723	0	0
HELLO GROUP INC SPN ADR	ADS	423403104	20	1,846	SH	SOLE	1	1,846	0	0
HELMERICH & PAYNE	COM	423452101	1,817	66,302	SH	SOLE	1	66,302	0	0
HEMISPHERE MEDIA GRO	CL A	42365Q103	11,792	968,149	SH	SOLE	2	968,149	0	0
HEMISPHERE MEDIA GROUP INC	CL A	42365Q103	108	8,859	SH	SOLE	1	8,859	0	0
HENRY SCHEIN INC	COM	806407102	3,503	45,999	SH	SOLE	1	45,999	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	56	1,316	SH	SOLE	1	1,316	0	0
HERC HOLDINGS INC	COM	42704L104	2,233	13,661	SH	SOLE	1	13,661	0	0
HERITAGE COMMERCE CORP	COM	426927109	372	31,994	SH	SOLE	1	31,994	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	248	8,552	SH	SOLE	1	8,552	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	569	22,308	SH	SOLE	1	22,308	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	96	14,139	SH	SOLE	1	14,139	0	0
HERMAN MILLER INC	COM	600544100	6,386	169,576	SH	SOLE	1	169,576	0	0
HERON THERAPEUTICS INC	COM	427746102	541	50,567	SH	SOLE	1	50,567	0	0
HERSHA HOSPITALITY TRUST	COM	427825500	190	20,320	SH	SOLE	1	20,320	0	0
HERSHEY CO/THE	COM	427866108	7,594	44,869	SH	SOLE	1	44,869	0	0
HESKA CORP	COM	42805E306	1,605	6,209	SH	SOLE	1	6,209	0	0
HESS CORP	COM	42809H107	7,901	101,150	SH	SOLE	1	101,150	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	9,906	695,149	SH	SOLE	1	695,149	0	0
HEXCEL CORP	COM	428291108	8,576	144,404	SH	SOLE	1	144,404	0	0
HF FOODS GROUP INC	COM	40417F109	120	19,819	SH	SOLE	1	19,819	0	0
HIBBETT INC	COM	428567101	707	9,995	SH	SOLE	1	9,995	0	0
HIGHPEAK ENERGY INC	COM	43114Q105	25	2,728	SH	SOLE	1	2,728	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	7,871	179,458	SH	SOLE	1	179,458	0	0
HILL ROM HOLDINGS INC	COM	431475102	17,004	113,359	SH	SOLE	1	113,359	0	0
HILLENBRAND INC	COM	431571108	1,953	45,802	SH	SOLE	1	45,802	0	0
HILLTOP HOLDINGS INC	COM	432748101	1,302	39,843	SH	SOLE	1	39,843	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	2,228	46,839	SH	SOLE	1	46,839	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	11,277	85,360	SH	SOLE	1	85,360	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	267	793	SH	SOLE	1	793	0	0
HIREQUEST INC	COM	433535101	54	2,782	SH	SOLE	1	2,782	0	0
HNI CORP	COM	404251100	1,004	27,350	SH	SOLE	1	27,350	0	0
HOLLYFRONTIER CORP	COM	436106108	8,530	257,459	SH	SOLE	1	257,459	0	0
HOLOGIC INC	COM	436440101	6,216	84,215	SH	SOLE	1	84,215	0	0
HOME BANCORP INC	COM	43689E107	162	4,186	SH	SOLE	1	4,186	0	0
HOME BANCSHARES	COM	436893200	8,043	341,801	SH	SOLE	1	341,801	0	0

INC											
HOME DEPOT INC	COM	437076102	114,214	347,939	SH	SOLE	1	347,939	0	0	
HOME POINT CAPITAL INC	COM	43734L106	16	4,004	SH	SOLE	1	4,004	0	0	
HOMESTREET INC	COM	43785V102	525	12,748	SH	SOLE	1	12,748	0	0	
HOMETRUST BANCSHARES INC	COM	437872104	233	8,319	SH	SOLE	1	8,319	0	0	
HOMOLOGY MEDICINES INC	COM	438083107	181	22,958	SH	SOLE	1	22,958	0	0	
HONEST CO INC/THE	COM	438333106	141	13,592	SH	SOLE	1	13,592	0	0	
HONEYWELL INTERNATIONAL INC	COM	438516106	51,314	241,726	SH	SOLE	1	241,726	0	0	
HOOKER FURNISHINGS CORP	COM	439038100	173	6,418	SH	SOLE	1	6,418	0	0	
HOOKIPA PHARMA INC	COM	43906K100	62	10,506	SH	SOLE	1	10,506	0	0	
HOPE BANCORP INC	COM	43940T109	1,083	74,971	SH	SOLE	1	74,971	0	0	
HORACE MANN EDUCATORS	COM	440327104	1,041	26,172	SH	SOLE	1	26,172	0	0	
HORIZON BANCORP INC/IN	COM	440407104	426	23,447	SH	SOLE	1	23,447	0	0	
HORIZON THERAPEUTICS PLC	COM	G46188101	304	2,779	SH	SOLE	1	2,779	0	0	
HORMEL FOODS CORP	COM	440452100	4,424	107,907	SH	SOLE	1	107,907	0	0	
HOST HOTELS & RESORTS INC	COM	44107P104	3,480	213,134	SH	SOLE	1	213,134	0	0	
HOSTESS BRANDS INC	COM	44109J106	1,246	71,720	SH	SOLE	1	71,720	0	0	
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	935	69,591	SH	SOLE	1	69,591	0	0	
HOULIHAN LOKEY INC	COM	441593100	2,576	27,966	SH	SOLE	1	27,966	0	0	
HOVNANIAN ENTERPRISES A	CL A	442487401	270	2,801	SH	SOLE	1	2,801	0	0	
HOWARD BANCORP INC	COM	442496105	146	7,214	SH	SOLE	1	7,214	0	0	
HOWARD HUGHES CORP/THE	COM	44267D107	41	462	SH	SOLE	1	462	0	0	
HOWMET AEROSPACE INC	COM	443201108	3,605	115,529	SH	SOLE	1	115,529	0	0	
HP INC	COM	40434L105	16,171	591,060	SH	SOLE	1	591,060	0	0	
HUAZHU GROUP LTD ADR	ADR	44332N106	102	2,224	SH	SOLE	1	2,224	0	0	
HUB GROUP INC CL A	CL A	443320106	1,432	20,827	SH	SOLE	1	20,827	0	0	
HUBBELL INC	COM	443510607	16,920	93,652	SH	SOLE	1	93,652	0	0	
HUBSPOT INC	COM	443573100	592	875	SH	SOLE	1	875	0	0	
HUDSON PACIFIC PROPERTIES IN	COM	444097109	6,897	262,554	SH	SOLE	1	262,554	0	0	
HUMANA INC	COM	444859102	18,492	47,520	SH	SOLE	1	47,520	0	0	
HUMANIGEN INC	COM	444863203	147	24,862	SH	SOLE	1	24,862	0	0	
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	4,359	26,067	SH	SOLE	1	26,067	0	0	
HUNTINGTON BANCSHARES INC	COM	446150104	6,815	440,822	SH	SOLE	1	440,822	0	0	
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	2,313	11,979	SH	SOLE	1	11,979	0	0	
HUNTSMAN CORP	COM	447011107	69	2,348	SH	SOLE	1	2,348	0	0	
HURON CONSULTING GROUP INC	COM	447462102	636	12,238	SH	SOLE	1	12,238	0	0	
HUTCHMED CHINA ADR	ADR	44842L103	33	907	SH	SOLE	1	907	0	0	
HYATT HOTELS CORP CL A	CL A	448579102	41	528	SH	SOLE	1	528	0	0	
HYDROFARM HOLDINGS GROUP INC	COM	44888K209	806	21,307	SH	SOLE	1	21,307	0	0	
HYLIION HOLDINGS CORP	COM	449109107	539	64,170	SH	SOLE	1	64,170	0	0	
HYRECAR INC	COM	44916T107	82	9,594	SH	SOLE	1	9,594	0	0	
HYSTER YALE	COM	449172105	275	5,469	SH	SOLE	1	5,469	0	0	

MATERIALS										
I MAB SPONSORED ADR	ADS	44975P103	29	404	SH	SOLE	1	404	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	283	11,705	SH	SOLE	1	11,705	0	0
IAA INC	COM	449253103	12,731	233,299	SH	SOLE	1	233,299	0	0
IAC/INTERACTIVECORP	COM	44891N208	111	852	SH	SOLE	1	852	0	0
IBEX LTD	SHS	G4690M101	53	3,100	SH	SOLE	1	3,100	0	0
IBIO INC	COM	451033203	125	118,284	SH	SOLE	1	118,284	0	0
ICAD INC	COM	44934S206	129	11,983	SH	SOLE	1	11,983	0	0
ICF INTERNATIONAL INC	COM	44925C103	904	10,126	SH	SOLE	1	10,126	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	717	17,457	SH	SOLE	1	17,457	0	0
ICOSAVAX INC	COM	45114M109	217	7,322	SH	SOLE	1	7,322	0	0
ICU MEDICAL INC	COM	44930G107	8,013	34,333	SH	SOLE	1	34,333	0	0
IDACORP INC	COM	451107106	8,994	86,998	SH	SOLE	1	86,998	0	0
IDEANOMICS INC	COM	45166V106	447	227,139	SH	SOLE	1	227,139	0	0
IDEAYA BIOSCIENCES INC	COM	45166A102	457	17,929	SH	SOLE	1	17,929	0	0
IDENTIV INC	COM	45170X205	219	11,649	SH	SOLE	1	11,649	0	0
IDEX CORP	COM	45167R104	4,740	22,902	SH	SOLE	1	22,902	0	0
IDEXX LABORATORIES INC	COM	45168D104	22,032	35,427	SH	SOLE	1	35,427	0	0
IDT CORP CLASS B	COM	448947507	460	10,959	SH	SOLE	1	10,959	0	0
IES HOLDINGS INC	COM	44951W106	217	4,740	SH	SOLE	1	4,740	0	0
IGM BIOSCIENCES INC	COM	449585108	290	4,414	SH	SOLE	1	4,414	0	0
IHEARTMEDIA INC CLASS A	CL A	45174J509	1,534	61,304	SH	SOLE	1	61,304	0	0
IHS MARKIT LTD	COM	G47567105	16,273	139,541	SH	SOLE	1	139,541	0	0
II VI INC	COM	902104108	14,052	236,723	SH	SOLE	1	236,723	0	0
IKENA ONCOLOGY INC	COM	45175G108	72	5,687	SH	SOLE	1	5,687	0	0
ILLINOIS TOOL WORKS	COM	452308109	22,396	108,387	SH	SOLE	1	108,387	0	0
ILLUMINA INC	COM	452327109	23,218	57,243	SH	SOLE	1	57,243	0	0
IMAGO BIOSCIENCES INC	COM	45250K107	107	5,336	SH	SOLE	1	5,336	0	0
IMAX CORP	COM	45245E109	518	27,278	SH	SOLE	1	27,278	0	0
IMMUNEERING CORP CLASS A	CL A	45254E107	120	4,526	SH	SOLE	1	4,526	0	0
IMMUNIC INC	COM	4525EP101	91	10,245	SH	SOLE	1	10,245	0	0
IMMUNITYBIO INC	COM	45256X103	364	37,379	SH	SOLE	1	37,379	0	0
IMMUNOGEN INC	COM	45253H101	614	108,261	SH	SOLE	1	108,261	0	0
IMMUNOVANT INC	COM	45258J102	191	21,942	SH	SOLE	1	21,942	0	0
IMPEL NEUROPHARMA INC	COM	45258K109	36	2,946	SH	SOLE	1	2,946	0	0
IMPINJ INC	COM	453204109	584	10,215	SH	SOLE	1	10,215	0	0
INARI MEDICAL INC	COM	45332Y109	1,509	18,606	SH	SOLE	1	18,606	0	0
INCYTE CORP	COM	45337C102	5,475	79,599	SH	SOLE	1	79,599	0	0
INDEPENDENCE HOLDING CO	COM	453440307	116	2,344	SH	SOLE	1	2,344	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	1,343	65,988	SH	SOLE	1	65,988	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	243	11,297	SH	SOLE	1	11,297	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,576	20,693	SH	SOLE	1	20,693	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,675	23,582	SH	SOLE	1	23,582	0	0
INDUS REALTY TRUST INC	COM	45580R103	168	2,392	SH	SOLE	1	2,392	0	0
INDUSTRIAL LOGISTICS PROPERT	COM SHS BEN INT	456237106	1,037	40,810	SH	SOLE	1	40,810	0	0
INFINERA CORP	COM	45667G103	825	99,102	SH	SOLE	1	99,102	0	0

INFINITY PHARMACEUTICALS INC	COM	45665G303	164	47,910	SH	SOLE	1	47,910	0	0
INFRASTRUCTURE AND ENERGY AL	COM	45686J104	172	15,014	SH	SOLE	1	15,014	0	0
INFUSYSTEM HOLDINGS INC	COM	45685K102	129	9,912	SH	SOLE	1	9,912	0	0
INGERSOLL RAND INC	COM	45687V106	6,100	121,000	SH	SOLE	1	121,000	0	0
INGEVITY CORP	COM	45688C107	6,379	89,376	SH	SOLE	1	89,376	0	0
INGLES MARKETS INC CLASS A	COM	457030104	508	7,686	SH	SOLE	1	7,686	0	0
INGREDION INC	COM	457187102	10,272	115,398	SH	SOLE	1	115,398	0	0
INHIBRX INC	COM	45720L107	509	15,278	SH	SOLE	1	15,278	0	0
INNOSPEC INC	COM	45768S105	1,297	15,405	SH	SOLE	1	15,405	0	0
INNOVAGE HOLDING CORP	COM	45784A104	66	10,033	SH	SOLE	1	10,033	0	0
INNOVATE CORP	COM	45784J105	106	25,919	SH	SOLE	1	25,919	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	3,443	14,894	SH	SOLE	1	14,894	0	0
INNOVIVA INC	COM	45781M101	480	28,753	SH	SOLE	1	28,753	0	0
INOGEN INC	COM	45780L104	531	12,329	SH	SOLE	1	12,329	0	0
INOTIV INC	COM	45783Q100	207	7,088	SH	SOLE	1	7,088	0	0
INOVALON HOLDINGS INC A	COM	45781D101	1,666	41,352	SH	SOLE	1	41,352	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	810	113,168	SH	SOLE	1	113,168	0	0
INOZYME PHARMA INC	COM	45790W108	91	7,875	SH	SOLE	1	7,875	0	0
INSEEGO CORP	COM	45782B104	304	45,626	SH	SOLE	1	45,626	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,953	21,678	SH	SOLE	1	21,678	0	0
INSMED INC	COM	457669307	1,733	62,935	SH	SOLE	1	62,935	0	0
INSPERITY INC	COM	45778Q107	9,005	81,320	SH	SOLE	1	81,320	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	3,428	14,721	SH	SOLE	1	14,721	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	1,593	14,871	SH	SOLE	1	14,871	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	447	11,757	SH	SOLE	1	11,757	0	0
INSTIL BIO INC	COM	45783C101	175	9,764	SH	SOLE	1	9,764	0	0
INSTRUCTURE HOLDINGS INC	COM	457790103	148	6,559	SH	SOLE	1	6,559	0	0
INSULET CORP	COM	45784P101	369	1,299	SH	SOLE	1	1,299	0	0
INTAPP INC	COM	45827U109	142	5,511	SH	SOLE	1	5,511	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,843	20,630	SH	SOLE	1	20,630	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	8,578	125,268	SH	SOLE	1	125,268	0	0
INTEGRAL AD SCIENCE HOLDING	COM	45828L108	192	9,292	SH	SOLE	1	9,292	0	0
INTEL CORP	COM	458140100	75,682	1,420,459	SH	SOLE	1	1,420,459	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	5,058	37,701	SH	SOLE	1	37,701	0	0
INTELLIGENT SYSTEMS CORP	COM	45816D100	161	3,970	SH	SOLE	1	3,970	0	0
INTER PARFUMS INC	COM	458334109	838	11,210	SH	SOLE	1	11,210	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	9,373	150,353	SH	SOLE	1	150,353	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	228	15,341	SH	SOLE	1	15,341	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	23,912	208,259	SH	SOLE	1	208,259	0	0
INTERDIGITAL INC	COM	45867G101	1,316	19,400	SH	SOLE	1	19,400	0	0
INTERFACE INC	COM	458665304	554	36,558	SH	SOLE	1	36,558	0	0

INTERNATIONAL BANCSHARES CRP	COM	459044103	5,018	120,520	SH	SOLE	1	120,520	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	1,441	54,735	SH	SOLE	1	54,735	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	293	17,524	SH	SOLE	1	17,524	0	0
INTERNATIONAL PAPER CO	COM	460146103	6,895	123,302	SH	SOLE	1	123,302	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	459	25,169	SH	SOLE	1	25,169	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	4,310	117,526	SH	SOLE	1	117,526	0	0
INTERSECT ENT INC	COM	46071F103	496	18,225	SH	SOLE	1	18,225	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	35,799	257,679	SH	SOLE	1	257,679	0	0
INTL FLAVORS & FRAGRANCES	COM	459506101	10,353	77,421	SH	SOLE	1	77,421	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	1,442	38,683	SH	SOLE	1	38,683	0	0
INTREPID POTASH INC	COM	46121Y201	168	5,450	SH	SOLE	1	5,450	0	0
INTUIT INC	COM	461202103	67,366	124,866	SH	SOLE	1	124,866	0	0
INTUITIVE SURGICAL INC	COM	46120E602	41,895	42,142	SH	SOLE	1	42,142	0	0
INVACARE CORP	COM	461203101	101	21,230	SH	SOLE	1	21,230	0	0
INVESCO LTD	COM	G491BT108	2,786	115,559	SH	SOLE	1	115,559	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B100	576	182,970	SH	SOLE	1	182,970	0	0
INVESTORS BANCORP INC	COM	46146L101	2,166	143,321	SH	SOLE	1	143,321	0	0
INVESTORS TITLE CO	COM	461804106	130	711	SH	SOLE	1	711	0	0
INVITAE CORP	COM	46185L103	3,118	109,683	SH	SOLE	1	109,683	0	0
INVITATION HOMES INC	COM	46187W107	246	6,424	SH	SOLE	1	6,424	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	89	2,660	SH	SOLE	1	2,660	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	50	2,021	SH	SOLE	1	2,021	0	0
IPG PHOTONICS CORP	COM	44980X109	1,715	10,828	SH	SOLE	1	10,828	0	0
IQIYI INC ADR	ADR	46267X108	29	3,642	SH	SOLE	1	3,642	0	0
IQVIA HOLDINGS INC	COM	46266C105	16,190	67,589	SH	SOLE	1	67,589	0	0
IRADIMED CORP	COM	46266A109	117	3,471	SH	SOLE	1	3,471	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	946	16,150	SH	SOLE	1	16,150	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	11,573	290,416	SH	SOLE	1	290,416	0	0
IROBOT CORP	COM	462726100	1,379	17,562	SH	SOLE	1	17,562	0	0
IRON MOUNTAIN INC	COM	46284V101	3,829	88,122	SH	SOLE	1	88,122	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	1,038	79,515	SH	SOLE	1	79,515	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	8,813	102,300	SH	SOLE	1	102,300	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	206	1,400	SH	SOLE	1	1,400	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	2,049	14,200	SH	SOLE	1	14,200	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	9,789	75,200	SH	SOLE	1	75,200	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,546	22,100	SH	SOLE	1	22,100	0	0
ISHARES CORE S&P 500 ETF	ETF	464287200	33,733	78,300	SH	SOLE	1	78,300	0	0
ISHARES CORE S&P SMALL CAP ETF	CORE S&P SCP ETF	464287804	340	3,111	SH	SOLE	1	3,111	0	0
ISHARES IBOXX	IBOXX INV	464287242	16,868	126,800	SH	SOLE	1	126,800	0	0

INVESTMENT GRA	CP ETF									
ISHARES MSCI CHINA A ETF	A	46434V514	4,851	114,006	SH	SOLE	1	114,006	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	108,512	1,391,000	SH	SOLE	1	1,391,000	0	0
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	4,835	95,977	SH	SOLE	1	95,977	0	0
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	14,875	68,000	SH	SOLE	1	68,000	0	0
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	2,488	22,200	SH	SOLE	1	22,200	0	0
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	610	5,390	SH	SOLE	1	5,390	0	0
ISHARES S&P 500 GROWTH ETF	ETF	464287309	2,380	32,200	SH	SOLE	1	32,200	0	0
ISHARES S&P 500 VALUE ETF	S&P 500 VAL ETF	464287408	17,155	117,972	SH	SOLE	1	117,972	0	0
ISHARES:1-5 IG CORP BD	ETF	464288646	546	10,000	SH	SOLE		10,000	0	0
ISTAR INC	COM	45031U101	1,095	43,680	SH	SOLE	1	43,680	0	0
ITEOS THERAPEUTICS INC	COM	46565G104	298	11,054	SH	SOLE	1	11,054	0	0
ITERIS INC	COM	46564T107	122	23,182	SH	SOLE	1	23,182	0	0
ITRON INC	COM	465741106	2,147	28,393	SH	SOLE	1	28,393	0	0
ITT INC	COM	45073V108	12,729	148,284	SH	SOLE	1	148,284	0	0
IVERIC BIO INC	COM	46583P102	928	57,128	SH	SOLE	1	57,128	0	0
J & J SNACK FOODS CORP	COM	466032109	1,416	9,264	SH	SOLE	1	9,264	0	0
JABIL INC	COM	466313103	14,713	252,066	SH	SOLE	1	252,066	0	0
JACK HENRY & ASSOCIATES INC	COM	426281101	3,701	22,561	SH	SOLE	1	22,561	0	0
JACK IN THE BOX INC	COM	466367109	4,772	49,028	SH	SOLE	1	49,028	0	0
JACOBS ENGINEERING GROUP INC	COM	469814107	5,221	39,396	SH	SOLE	1	39,396	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	869	23,043	SH	SOLE	1	23,043	0	0
JAMF HOLDING CORP	COM	47074L105	37	969	SH	SOLE	1	969	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	12,267	296,809	SH	SOLE	1	296,809	0	0
JANUX THERAPEUTICS INC	COM	47103J105	157	7,242	SH	SOLE	1	7,242	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	13,710	105,292	SH	SOLE	1	105,292	0	0
JBG SMITH PROPERTIES	COM	46590V100	5,924	200,051	SH	SOLE	1	200,051	0	0
JD.COM INC ADR	ADR	47215P106	4,445	61,525	SH	SOLE	1	61,525	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	12,646	340,598	SH	SOLE	1	340,598	0	0
JELD WEN HOLDING INC	COM	47580P103	1,151	45,983	SH	SOLE	1	45,983	0	0
JETBLUE AIRWAYS CORP	COM	477143101	8,374	547,689	SH	SOLE	1	547,689	0	0
JFROG LTD	ORD SHS	M6191J100	970	28,963	SH	SOLE	1	28,963	0	0
JM SMUCKER CO/THE	COM	832696405	4,790	39,909	SH	SOLE	1	39,909	0	0
JOANN INC	COM	47768J101	74	6,608	SH	SOLE	1	6,608	0	0
JOHN B. SANFILIPPO & SON INC	COM	800422107	455	5,572	SH	SOLE	1	5,572	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2,773	19,729	SH	SOLE	1	19,729	0	0
JOHNSON & JOHNSON	COM	478160104	123,259	763,211	SH	SOLE	1	763,211	0	0
JOHNSON CONTROLS INTERNATION	COM	G51502105	13,940	204,754	SH	SOLE	1	204,754	0	0
JOHNSON OUTDOORS INC A	COM	479167108	303	2,866	SH	SOLE	1	2,866	0	0
JOINT CORP/THE	COM	47973J102	855	8,721	SH	SOLE	1	8,721	0	0
JONES LANG LASALLE	COM	48020Q107	21,663	87,319	SH	SOLE	1	87,319	0	0



INC										
JOUNCE THERAPEUTICS INC	COM	481116101	134	18,043	SH	SOLE	1	18,043	0	0
JOYY INC ADR	ADS RESTG COM A	46591M109	41	750	SH	SOLE	1	750	0	0
JPMORGAN CHASE & CO	COM	46625H100	140,618	859,050	SH	SOLE	1	859,050	0	0
JUNIPER NETWORKS INC	COM	48203R104	2,672	97,091	SH	SOLE	1	97,091	0	0
KADANT INC	COM	48282T104	1,287	6,305	SH	SOLE	1	6,305	0	0
KADMON HOLDINGS INC	COM	48283N106	826	94,870	SH	SOLE	1	94,870	0	0
KAISER ALUMINUM CORP	COM	483007704	1,082	9,926	SH	SOLE	1	9,926	0	0
KALA PHARMACEUTICALS INC	COM	483119103	69	26,464	SH	SOLE	1	26,464	0	0
KALEIDO BIOSCIENCES INC	COM	483347100	58	10,603	SH	SOLE	1	10,603	0	0
KALTURA INC	COM	483467106	98	9,529	SH	SOLE	1	9,529	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	190	10,880	SH	SOLE	1	10,880	0	0
KAMAN CORP	COM	483548103	619	17,357	SH	SOLE	1	17,357	0	0
KANSAS CITY SOUTHERN	COM	485170302	7,483	27,648	SH	SOLE	1	27,648	0	0
KAR AUCTION SERVICES INC	COM	48238T109	4,409	269,010	SH	SOLE	1	269,010	0	0
KARAT PACKAGING INC	COM	48563L101	53	2,509	SH	SOLE	1	2,509	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	1,487	12,152	SH	SOLE	1	12,152	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	229	39,406	SH	SOLE	1	39,406	0	0
KB HOME	COM	48666K109	7,774	199,738	SH	SOLE	1	199,738	0	0
KBR INC	COM	48242W106	12,541	318,302	SH	SOLE	1	318,302	0	0
KE HOLDINGS INC ADR	SPON ADS	482497104	86	4,700	SH	SOLE	1	4,700	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	497	39,981	SH	SOLE	1	39,981	0	0
KELLOGG CO	COM	487836108	5,070	79,322	SH	SOLE	1	79,322	0	0
KELLY SERVICES INC A	COM	488152208	418	22,163	SH	SOLE	1	22,163	0	0
KEMPER CORP	COM	488401100	6,880	103,008	SH	SOLE	1	103,008	0	0
KEMPHARM INC	COM	488445206	146	15,642	SH	SOLE	1	15,642	0	0
KENNAMETAL INC	COM	489170100	6,464	188,835	SH	SOLE	1	188,835	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,375	65,738	SH	SOLE	1	65,738	0	0
KEROS THERAPEUTICS INC	COM	492327101	338	8,541	SH	SOLE	1	8,541	0	0
KEURIG DR PEPPER INC	COM	49271V100	3,033	88,791	SH	SOLE	1	88,791	0	0
KEYCORP	COM	493267108	6,174	285,563	SH	SOLE	1	285,563	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	10,172	61,913	SH	SOLE	1	61,913	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	162	18,732	SH	SOLE	1	18,732	0	0
KFORCE INC	COM	493732101	662	11,095	SH	SOLE	1	11,095	0	0
KILROY REALTY CORP	COM	49427F108	11,960	180,630	SH	SOLE	1	180,630	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	340	13,176	SH	SOLE	1	13,176	0	0
KIMBALL INTERNATIONAL B	COM	494274103	221	19,766	SH	SOLE	1	19,766	0	0
KIMBERLY CLARK CORP	COM	494368103	14,758	111,429	SH	SOLE	1	111,429	0	0
KIMCO REALTY CORP	COM	49446R109	3,794	182,849	SH	SOLE	1	182,849	0	0
KINDER MORGAN INC	COM	49456B101	12,337	737,429	SH	SOLE	1	737,429	0	0
KINGSOFT CLOUD HOLDINGS ADR	ADS	49639K101	20	700	SH	SOLE	1	700	0	0

KINI KSA PHARMACEUTICALS A	COM	G5269C101	182	15,962	SH	SOLE	1	15,962	0	0
KINNATE BIOPHARMA INC	COM	49705R105	324	14,087	SH	SOLE	1	14,087	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	7,835	48,454	SH	SOLE	1	48,454	0	0
KIRBY CORP	COM	497266106	4,965	103,516	SH	SOLE	1	103,516	0	0
KIRKLAND S INC	COM	497498105	147	7,670	SH	SOLE	1	7,670	0	0
KITE REALTY GROUP TRUST	COM	49803T300	1,068	52,445	SH	SOLE	1	52,445	0	0
KKR & CO INC	COM	48251W104	377	6,199	SH	SOLE	1	6,199	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	442	20,932	SH	SOLE	1	20,932	0	0
KLA CORP	COM	482480100	19,063	56,987	SH	SOLE	1	56,987	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	14,618	285,791	SH	SOLE	1	285,791	0	0
KNOWLES CORP	COM	49926D109	1,051	56,104	SH	SOLE	1	56,104	0	0
KODIAK SCIENCES INC	COM	50015M109	1,760	18,332	SH	SOLE	1	18,332	0	0
KOHL S CORP	COM	500255104	12,671	269,073	SH	SOLE	1	269,073	0	0
KONTOOR BRANDS INC	COM	50050N103	1,610	32,234	SH	SOLE	1	32,234	0	0
KOPIN CORP	COM	500600101	218	42,476	SH	SOLE	1	42,476	0	0
KOPPERS HOLDINGS INC	COM	50060P106	409	13,078	SH	SOLE	1	13,078	0	0
KORN FERRY	COM	500643200	2,502	34,577	SH	SOLE	1	34,577	0	0
KOSMOS ENERGY LTD	COM	500688106	657	221,793	SH	SOLE	1	221,793	0	0
KRAFT HEINZ CO/THE	COM	500754106	12,653	343,641	SH	SOLE	1	343,641	0	0
KRATON CORP	COM	50077C106	903	19,781	SH	SOLE	1	19,781	0	0
KRATOS DEFENSE & SECURITY	COM	50077B207	1,498	67,154	SH	SOLE	1	67,154	0	0
KRISPY KREME INC	COM	50101L106	168	12,022	SH	SOLE	1	12,022	0	0
KROGER CO	COM	501044101	9,566	236,609	SH	SOLE	1	236,609	0	0
KRONOS BIO INC	COM	50107A104	445	21,247	SH	SOLE	1	21,247	0	0
KRONOS WORLDWIDE INC	COM	50105F105	151	12,187	SH	SOLE	1	12,187	0	0
KRYSTAL BIOTECH INC	COM	501147102	512	9,815	SH	SOLE	1	9,815	0	0
KULICKE & SOFFA INDUSTRIES	COM	501242101	2,243	38,490	SH	SOLE	1	38,490	0	0
KURA ONCOLOGY INC	COM	50127T109	651	34,779	SH	SOLE	1	34,779	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	96	2,194	SH	SOLE	1	2,194	0	0
KVH INDUSTRIES INC	COM	482738101	80	8,297	SH	SOLE	1	8,297	0	0
KYMER A THERAPEUTICS INC	COM	501575104	1,105	18,807	SH	SOLE	1	18,807	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	12,876	58,465	SH	SOLE	1	58,465	0	0
LA Z BOY INC	COM	505336107	910	28,220	SH	SOLE	1	28,220	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	9,374	33,308	SH	SOLE	1	33,308	0	0
LADDER CAPITAL CORP REIT	COM	505743104	687	62,208	SH	SOLE	1	62,208	0	0
LAIRD SUPERFOOD INC	COM	50736T102	66	3,433	SH	SOLE	1	3,433	0	0
LAKELAND BANCORP INC	COM	511637100	472	26,767	SH	SOLE	1	26,767	0	0
LAKELAND FINANCIAL CORP	COM	511656100	1,096	15,388	SH	SOLE	1	15,388	0	0
LAM RESEARCH CORP	COM	512807108	31,320	55,029	SH	SOLE	1	55,029	0	0
LAMAR ADVERTISING CO A	COM	512816109	17,024	150,058	SH	SOLE	1	150,058	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	2,719	44,300	SH	SOLE	1	44,300	0	0
LANCASTER COLONY CORP	COM	513847103	7,483	44,329	SH	SOLE	1	44,329	0	0
LANDEC CORP	COM	514766104	132	14,314	SH	SOLE	1	14,314	0	0

LANDOS BIOPHARMA INC	COM	515069102	37	2,563	SH	SOLE	1	2,563	0	0
LANDS END INC	COM	51509F105	185	7,853	SH	SOLE	1	7,853	0	0
LANDSEA HOMES CORP	COM	51509P103	51	5,879	SH	SOLE	1	5,879	0	0
LANDSTAR SYSTEM INC	COM	515098101	10,449	66,207	SH	SOLE	1	66,207	0	0
LANTHEUS HOLDINGS INC	COM	516544103	1,086	42,296	SH	SOLE	1	42,296	0	0
LAREDO PETROLEUM INC	COM	516806205	646	7,969	SH	SOLE	1	7,969	0	0
LAS VEGAS SANDS CORP	COM	517834107	3,617	98,836	SH	SOLE	1	98,836	0	0
LATHAM GROUP INC	COM	51819L107	208	12,705	SH	SOLE	1	12,705	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	19,890	307,658	SH	SOLE	1	307,658	0	0
LAUREATE EDUCATION INC A	COM	518613203	923	54,352	SH	SOLE	1	54,352	0	0
LAWSON PRODUCTS INC	COM	520776105	130	2,604	SH	SOLE	1	2,604	0	0
LAZARD LTD CL A	CL A	G54050102	51	1,114	SH	SOLE	1	1,114	0	0
LAZYDAYS HOLDINGS INC	COM	52110H100	86	4,021	SH	SOLE	1	4,021	0	0
LCI INDUSTRIES	COM	50189K103	2,100	15,597	SH	SOLE	1	15,597	0	0
LEAR CORP	COM	521865204	16,100	102,891	SH	SOLE	1	102,891	0	0
LEGACY HOUSING CORP	COM	52472M101	79	4,402	SH	SOLE	1	4,402	0	0
LEGALZOOMCOM INC	COM	52466B103	8	305	SH	SOLE	1	305	0	0
LEGGETT & PLATT INC	COM	524660107	1,785	39,802	SH	SOLE	1	39,802	0	0
LEIDOS HOLDINGS INC	COM	525327102	4,064	42,271	SH	SOLE	1	42,271	0	0
LEMAITRE VASCULAR INC	COM	525558201	631	11,880	SH	SOLE	1	11,880	0	0
LEMONADE INC	COM	52567D107	31	459	SH	SOLE	1	459	0	0
LENDINGCLUB CORP	COM	52603A208	1,513	53,559	SH	SOLE	1	53,559	0	0
LENDINGTREE INC	COM	52603B107	3,629	25,955	SH	SOLE	1	25,955	0	0
LENNAR CORP B SHS	COM	526057302	14	174	SH	SOLE	1	174	0	0
LENNAR CORP A	COM	526057104	7,681	81,996	SH	SOLE	1	81,996	0	0
LENNOX INTERNATIONAL INC	COM	526107107	17,321	58,882	SH	SOLE	1	58,882	0	0
LESLIE S INC	COM	527064109	51	2,480	SH	SOLE	1	2,480	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	179	37,155	SH	SOLE	1	37,155	0	0
LEXINGTON REALTY TRUST	COM	529043101	2,199	172,483	SH	SOLE	1	172,483	0	0
LGI HOMES INC	COM	50187T106	1,948	13,728	SH	SOLE	1	13,728	0	0
LHC GROUP INC	COM	50187A107	11,126	70,908	SH	SOLE	1	70,908	0	0
LI AUTO INC ADR	SPNSRD ADS	50202M102	189	7,258	SH	SOLE	1	7,258	0	0
LIBERTY BROADBAND A	COM	530307107	46	276	SH	SOLE	1	276	0	0
LIBERTY BROADBAND C	COM	530307305	278	1,612	SH	SOLE	1	1,612	0	0
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	300	22,901	SH	SOLE	1	22,901	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	1,110	84,600	SH	SOLE	1	84,600	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	42	890	SH	SOLE	1	890	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	86	1,807	SH	SOLE	1	1,807	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	148	5,484	SH	SOLE	1	5,484	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	528	20,002	SH	SOLE	1	20,002	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	13	278	SH	SOLE	1	278	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	114	2,208	SH	SOLE	1	2,208	0	0

LIBERTY OILFIELD SERVICES A	COM	53115L104	603	49,745	SH	SOLE	1	49,745	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	123	39,878	SH	SOLE	1	39,878	0	0
LIFE STORAGE INC	COM	53223X107	15,475	134,873	SH	SOLE	1	134,873	0	0
LIFESTANCE HEALTH GROUP INC	COM	53228F101	368	25,410	SH	SOLE	1	25,410	0	0
LIFETIME BRANDS INC	COM	53222Q103	126	6,939	SH	SOLE	1	6,939	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	1,337	9,594	SH	SOLE	1	9,594	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	163	68,400	SH	SOLE	1	68,400	0	0
LIMONEIRA CO	COM	532746104	139	8,586	SH	SOLE	1	8,586	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	13,232	102,744	SH	SOLE	1	102,744	0	0
LINCOLN NATIONAL CORP	COM	534187109	3,651	53,111	SH	SOLE	1	53,111	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	245	16,796	SH	SOLE	1	16,796	0	0
LINDE PLC	COM	G5494J103	50,950	173,665	SH	SOLE	1	173,665	0	0
LINDSAY CORP	COM	535555106	1,039	6,842	SH	SOLE	1	6,842	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	173	68,642	SH	SOLE	1	68,642	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	452	31,879	SH	SOLE	1	31,879	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	840	64,653	SH	SOLE	1	64,653	0	0
LIQUIDITY SERVICES INC	COM	53635B107	360	16,646	SH	SOLE	1	16,646	0	0
LITHIA MOTORS INC	CL A	536797103	16,522	52,112	SH	SOLE	1	52,112	0	0
LITTELFUSE INC	COM	537008104	11,584	42,389	SH	SOLE	1	42,389	0	0
LIVANOVA PLC	COM	G5509L101	9,527	120,303	SH	SOLE	1	120,303	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	3,628	39,810	SH	SOLE	1	39,810	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	1,098	17,255	SH	SOLE	1	17,255	0	0
LIVENT CORP	COM	53814L108	2,349	101,661	SH	SOLE	1	101,661	0	0
LIVEPERSON INC	COM	538146101	2,399	40,694	SH	SOLE	1	40,694	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	7,197	152,386	SH	SOLE	1	152,386	0	0
LKQ CORP	COM	501889208	4,064	80,757	SH	SOLE	1	80,757	0	0
LOCKHEED MARTIN CORP	COM	539830109	24,689	71,542	SH	SOLE	1	71,542	0	0
LOEWS CORP	COM	540424108	3,910	72,501	SH	SOLE	1	72,501	0	0
LORAL SPACE & COMMUNICATIONS	COM	543881106	302	7,028	SH	SOLE	1	7,028	0	0
LORDSTOWN MOTORS CORP CL A	COM	54405Q100	420	52,618	SH	SOLE	1	52,618	0	0
LOUISIANA PACIFIC CORP	COM	546347105	10,068	164,056	SH	SOLE	1	164,056	0	0
LOVESAC CO/THE	COM	54738L109	462	6,991	SH	SOLE	1	6,991	0	0
LOWE S COS INC	COM	548661107	47,399	233,652	SH	SOLE	1	233,652	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	245	1,563	SH	SOLE	1	1,563	0	0
LTC PROPERTIES INC	COM	502175102	776	24,472	SH	SOLE	1	24,472	0	0
LUFAX HOLDING LTD ADR	CL A	54975P102	15	2,200	SH	SOLE	1	2,200	0	0
LULULEMON ATHLETICA INC	COM	550021109	4,075	10,068	SH	SOLE	1	10,068	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	337	18,017	SH	SOLE	1	18,017	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	3,695	298,230	SH	SOLE	1	298,230	0	0
LUMENTUM HOLDINGS	COM	55024U109	10,920	130,714	SH	SOLE	1	130,714	0	0

INC											
LUNA INNOVATIONS INC	COM	550351100	160	16,889	SH	SOLE	1	16,889	0	0	
LUTHER BURBANK CORP	COM	550550107	115	8,545	SH	SOLE	1	8,545	0	0	
LUXFER HOLDINGS PLC	COM	G5698W116	296	15,077	SH	SOLE	1	15,077	0	0	
LYDALL INC	COM	550819106	684	11,021	SH	SOLE	1	11,021	0	0	
LYELL IMMUNOPHARMA INC	COM	55083R104	191	12,934	SH	SOLE	1	12,934	0	0	
LYFT INC A	COM	55087P104	301	5,609	SH	SOLE	1	5,609	0	0	
LYONDELLBASELL INDU CL A	CL A	N53745100	7,646	81,472	SH	SOLE	1	81,472	0	0	
M & T BANK CORP	COM	55261F104	5,738	38,422	SH	SOLE	1	38,422	0	0	
M/I HOMES INC	COM	55305B101	1,040	17,996	SH	SOLE	1	17,996	0	0	
MACATAWA BANK CORP	COM	554225102	115	14,381	SH	SOLE	1	14,381	0	0	
MACERICH CO/THE	COM	554382101	8,047	481,555	SH	SOLE	1	481,555	0	0	
MACK CALI REALTY CORP	COM	554489104	933	54,506	SH	SOLE	1	54,506	0	0	
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	1,729	26,654	SH	SOLE	1	26,654	0	0	
MACROGENICS INC	COM	556099109	688	32,863	SH	SOLE	1	32,863	0	0	
MACY S INC	COM	55616P104	4,452	197,005	SH	SOLE	1	197,005	0	0	
MADISON SQUARE GARDEN ENTERT	CL A	55826T102	1,039	14,294	SH	SOLE	1	14,294	0	0	
MADISON SQUARE GARDEN SPORTS	CL A	55825T103	50	271	SH	SOLE	1	271	0	0	
MADRIGAL PHARMACEUTICALS INC	COM	558868105	496	6,214	SH	SOLE	1	6,214	0	0	
MAGELLAN HEALTH INC	COM	559079207	1,405	14,861	SH	SOLE	1	14,861	0	0	
MAGENTA THERAPEUTICS INC	COM	55910K108	119	16,375	SH	SOLE	1	16,375	0	0	
MAGNITE INC	COM	55955D100	1,990	71,080	SH	SOLE	1	71,080	0	0	
MAGNOLIA OIL & GAS CORP A	COM	559663109	1,356	76,215	SH	SOLE	1	76,215	0	0	
MAIDEN HOLDINGS LTD	LTD SHS	G5753U112	120	38,049	SH	SOLE	1	38,049	0	0	
MALIBU BOATS INC A	COM	56117J100	794	11,344	SH	SOLE	1	11,344	0	0	
MANHATTAN ASSOCIATES INC	COM	562750109	16,753	109,474	SH	SOLE	1	109,474	0	0	
MANITOWOC COMPANY INC	COM	563571405	403	18,791	SH	SOLE	1	18,791	0	0	
MANNKIND CORP	COM	56400P706	588	135,145	SH	SOLE	1	135,145	0	0	
MANPOWERGROUP INC	COM	56418H100	10,114	93,402	SH	SOLE	1	93,402	0	0	
MANTECH INTERNATIONAL CORP A	COM	564563104	1,307	17,218	SH	SOLE	1	17,218	0	0	
MARATHON DIGITAL HOLDINGS IN	COM	565788106	1,650	52,255	SH	SOLE	1	52,255	0	0	
MARATHON OIL CORP	COM	565849106	3,218	235,388	SH	SOLE	1	235,388	0	0	
MARATHON PETROLEUM CORP	COM	56585A102	11,780	190,579	SH	SOLE	1	190,579	0	0	
MARAVAI LIFESCIENCES HLDGS A	CL A	56600D107	98	1,994	SH	SOLE	1	1,994	0	0	
MARCUS & MILLICHAP INC	COM	566324109	609	14,998	SH	SOLE	1	14,998	0	0	
MARCUS CORPORATION	COM	566330106	249	14,252	SH	SOLE	1	14,252	0	0	
MARINE PRODUCTS CORP	COM	568427108	56	4,458	SH	SOLE	1	4,458	0	0	
MARINEMAX INC	COM	567908108	645	13,303	SH	SOLE	1	13,303	0	0	
MARINUS PHARMACEUTICALS INC	COM	56854Q200	230	20,215	SH	SOLE	1	20,215	0	0	
MARKEL CORP	COM	570535104	204	171	SH	SOLE	1	171	0	0	
MARKETAXESS	COM	57060D108	5,611	13,337	SH	SOLE	1	13,337	0	0	

HOLDINGS INC										
MARLIN BUSINESS SERVICES INC	COM	571157106	99	4,445	SH	SOLE	1	4,445	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	14,667	99,041	SH	SOLE	1	99,041	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	11,570	73,540	SH	SOLE	1	73,540	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	49	54,836	SH	SOLE	1	54,836	0	0
MARSH & MCLENNAN COS	COM	571748102	25,939	171,293	SH	SOLE	1	171,293	0	0
MARTEN TRANSPORT LTD	COM	573075108	586	37,364	SH	SOLE	1	37,364	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	6,364	18,625	SH	SOLE	1	18,625	0	0
MARVELL TECHNOLOGY INC	COM	573874104	3,662	60,718	SH	SOLE	1	60,718	0	0
MASCO CORP	COM	574599106	4,136	74,463	SH	SOLE	1	74,463	0	0
MASIMO CORP	COM	574795100	23,697	87,536	SH	SOLE	1	87,536	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	1,402	13,212	SH	SOLE	1	13,212	0	0
MASTEC INC	COM	576323109	8,502	98,538	SH	SOLE	1	98,538	0	0
MASTERCARD INC A	COM	57636Q104	102,405	294,538	SH	SOLE	1	294,538	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	258	10,291	SH	SOLE	1	10,291	0	0
MATADOR RESOURCES CO	COM	576485205	2,642	69,444	SH	SOLE	1	69,444	0	0
MATCH GROUP INC	COM	57667L107	16,255	103,544	SH	SOLE	1	103,544	0	0
MATERION CORP	COM	576690101	878	12,793	SH	SOLE	1	12,793	0	0
MATRIX SERVICE CO	COM	576853105	171	16,388	SH	SOLE	1	16,388	0	0
MATSON INC	COM	57686G105	2,180	27,010	SH	SOLE	1	27,010	0	0
MATTEL INC	COM	577081102	11,210	603,965	SH	SOLE	1	603,965	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	676	19,474	SH	SOLE	1	19,474	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	1,112	39,260	SH	SOLE	1	39,260	0	0
MAXCYTE INC	COM	57777K106	105	8,576	SH	SOLE	1	8,576	0	0
MAXIMUS INC	COM	577933104	11,545	138,757	SH	SOLE	1	138,757	0	0
MAXLINEAR INC	COM	57776J100	2,191	44,489	SH	SOLE	1	44,489	0	0
MAYVILLE ENGINEERING CO INC	COM	578605107	92	4,903	SH	SOLE	1	4,903	0	0
MBIA INC	COM	55262C100	337	26,244	SH	SOLE	1	26,244	0	0
MCAFFEE CORP CLASS A	CL A	579063108	27	1,201	SH	SOLE	1	1,201	0	0
MCCORMICK & CO NON VTG SHRS	COM	579780206	7,261	89,603	SH	SOLE	1	89,603	0	0
MCDONALD S CORP	COM	580135101	61,780	256,233	SH	SOLE	1	256,233	0	0
MCGRATH RENTCORP	COM	580589109	951	13,220	SH	SOLE	1	13,220	0	0
MCKESSON CORP	COM	58155Q103	9,248	46,385	SH	SOLE	1	46,385	0	0
MDC HOLDINGS INC	COM	552676108	1,674	35,837	SH	SOLE	1	35,837	0	0
MDU RESOURCES GROUP INC	COM	552690109	10,343	348,598	SH	SOLE	1	348,598	0	0
MEDALLIA INC	COM	584021109	56	1,668	SH	SOLE	1	1,668	0	0
MEDAVAIL HOLDINGS INC	COM	58406B103	19	6,575	SH	SOLE	1	6,575	0	0
MEDIAALPHA INC CLASS A	CL A	58450V104	217	11,609	SH	SOLE	1	11,609	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	20,589	1,025,878	SH	SOLE	1	1,025,878	0	0
MEDIFAST INC	COM	58470H101	1,409	7,316	SH	SOLE	1	7,316	0	0
MEDNAX INC	COM	58502B106	1,382	48,596	SH	SOLE	1	48,596	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	12,285	64,903	SH	SOLE	1	64,903	0	0
MEDTRONIC PLC	COM	G5960L103	48,429	386,352	SH	SOLE	1	386,352	0	0

MEI PHARMA INC	COM	55279B202	164	59,336	SH	SOLE	1	59,336	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	215	16,303	SH	SOLE	1	16,303	0	0
MELCO RESORTS & ENTERT ADR	ADR	585464100	312	30,499	SH	SOLE	1	30,499	0	0
MERCADOLIBRE INC	COM	58733R102	5,230	3,114	SH	SOLE	1	3,114	0	0
MERCANTILE BANK CORP	COM	587376104	273	8,514	SH	SOLE	1	8,514	0	0
MERCER INTERNATIONAL INC	COM	588056101	37	3,233	SH	SOLE	1	3,233	0	0
MERCHANTS BANCORP/IN	COM	58844R108	213	5,390	SH	SOLE	1	5,390	0	0
MERCK & CO. INC.	COM	58933Y105	55,216	735,131	SH	SOLE	1	735,131	0	0
MERCURY GENERAL CORP	COM	589400100	2,548	45,773	SH	SOLE	1	45,773	0	0
MERCURY SYSTEMS INC	COM	589378108	4,586	96,712	SH	SOLE	1	96,712	0	0
MEREDITH CORP	COM	589433101	1,398	25,096	SH	SOLE	1	25,096	0	0
MERIDIAN BANCORP INC	COM	58958U103	531	25,592	SH	SOLE	1	25,592	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	516	26,820	SH	SOLE	1	26,820	0	0
MERIDIANLINK INC	COM	58985J105	155	6,927	SH	SOLE	1	6,927	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	2,309	32,161	SH	SOLE	1	32,161	0	0
MERITAGE HOMES CORP	COM	59001A102	2,283	23,541	SH	SOLE	1	23,541	0	0
MERITOR INC	COM	59001K100	912	42,774	SH	SOLE	1	42,774	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	369	39,172	SH	SOLE	1	39,172	0	0
MESA AIR GROUP INC	COM	590479135	144	18,779	SH	SOLE	1	18,779	0	0
MESA LABORATORIES INC	COM	59064R109	948	3,135	SH	SOLE	1	3,135	0	0
META FINANCIAL GROUP INC	COM	59100U108	1,038	19,774	SH	SOLE	1	19,774	0	0
META MATERIALS INC	COM	59134N104	693	119,921	SH	SOLE	1	119,921	0	0
METHODE ELECTRONICS INC	COM	591520200	1,008	23,962	SH	SOLE	1	23,962	0	0
METLIFE INC	COM	59156R108	12,926	209,394	SH	SOLE	1	209,394	0	0
METROCITY BANKSHARES INC	COM	59165J105	218	10,394	SH	SOLE	1	10,394	0	0
METROMILE INC	COM	591697107	75	21,226	SH	SOLE	1	21,226	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	355	4,208	SH	SOLE	1	4,208	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	10,781	7,827	SH	SOLE	1	7,827	0	0
MFA FINANCIAL INC	COM	55272X102	1,108	242,343	SH	SOLE	1	242,343	0	0
MGE ENERGY INC	COM	55277P104	1,466	19,941	SH	SOLE	1	19,941	0	0
MGIC INVESTMENT CORP	COM	552848103	8,742	584,374	SH	SOLE	1	584,374	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	5,154	119,450	SH	SOLE	1	119,450	0	0
MGP INGREDIENTS INC	COM	55303J106	571	8,764	SH	SOLE	1	8,764	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	15,789	102,864	SH	SOLE	1	102,864	0	0
MICRON TECHNOLOGY INC	COM	595112103	30,652	431,840	SH	SOLE	1	431,840	0	0
MICROSOFT CORP	COM	594918104	709,172	2,515,509	SH	SOLE	1	2,515,509	0	0
MICROSTRATEGY INC CL A	CL A	594972408	2,485	4,297	SH	SOLE	1	4,297	0	0
MICROVISION INC	COM	594960304	994	89,969	SH	SOLE	1	89,969	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	6,469	34,639	SH	SOLE	1	34,639	0	0
MID PENN BANCORP INC	COM	59540G107	148	5,381	SH	SOLE	1	5,381	0	0

MIDDLEBY CORP	COM	596278101	16,358	95,937	SH	SOLE	1	95,937	0	0
MIDDLESEX WATER CO	COM	596680108	1,116	10,862	SH	SOLE	1	10,862	0	0
MIDLAND STATES BANCORP INC	COM	597742105	294	11,887	SH	SOLE	1	11,887	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	239	7,927	SH	SOLE	1	7,927	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	207	6,073	SH	SOLE	1	6,073	0	0
MIMECAST LTD	COM	G14838109	8,773	137,948	SH	SOLE	1	137,948	0	0
MIMEDX GROUP INC	COM	602496101	368	60,801	SH	SOLE	1	60,801	0	0
MIND MEDICINE MINDMED INC	COM	60255C109	444	190,445	SH	SOLE	1	190,445	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	5,300	75,883	SH	SOLE	1	75,883	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	127	716	SH	SOLE	1	716	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	39	1,973	SH	SOLE	1	1,973	0	0
MISONIX INC	COM	604871103	169	6,697	SH	SOLE	1	6,697	0	0
MISSION PRODUCE INC	COM	60510V108	373	20,298	SH	SOLE	1	20,298	0	0
MISTER CAR WASH INC	COM	60646V105	13	736	SH	SOLE	1	736	0	0
MISTRAS GROUP INC	COM	60649T107	111	10,932	SH	SOLE	1	10,932	0	0
MITEK SYSTEMS INC	COM	606710200	435	23,488	SH	SOLE	1	23,488	0	0
MKS INSTRUMENTS INC	COM	55306N104	14,472	95,895	SH	SOLE	1	95,895	0	0
MOBILE TELESYSTEMS SP ADR	ADR	607409109	51	5,342	SH	SOLE	1	5,342	0	0
MODEL N INC	COM	607525102	651	19,433	SH	SOLE	1	19,433	0	0
MODERNA INC	COM	60770K107	51,825	134,660	SH	SOLE	1	134,660	0	0
MODINE MANUFACTURING CO	COM	607828100	310	27,381	SH	SOLE	1	27,381	0	0
MODIVCARE INC	COM	60783X104	1,415	7,789	SH	SOLE	1	7,789	0	0
MOELIS & CO CLASS A	COM	60786M105	2,072	33,486	SH	SOLE	1	33,486	0	0
MOHAWK INDUSTRIES INC	COM	608190104	2,963	16,705	SH	SOLE	1	16,705	0	0
MOLECULAR TEMPLATES INC	COM	608550109	136	20,237	SH	SOLE	1	20,237	0	0
MOLINA HEALTHCARE INC	COM	60855R100	27,306	100,645	SH	SOLE	1	100,645	0	0
MOLSON COORS BEVERAGE CO B	CL B	60871R209	2,604	56,149	SH	SOLE	1	56,149	0	0
MOMENTIVE GLOBAL INC	COM	60878Y108	1,392	71,039	SH	SOLE	1	71,039	0	0
MONARCH CASINO & RESORT INC	COM	609027107	546	8,155	SH	SOLE	1	8,155	0	0
MONDAY COM LTD	SHS	M7S64H106	657	2,014	SH	SOLE	2	2,014	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	28,474	489,411	SH	SOLE	1	489,411	0	0
MONEYGRAM INTERNATIONAL INC	COM	60935Y208	393	49,015	SH	SOLE	1	49,015	0	0
MONGODB INC	COM	60937P106	574	1,218	SH	SOLE	1	1,218	0	0
MONMOUTH REAL ESTATE INV COR	COM	609720107	973	52,147	SH	SOLE	1	52,147	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	6,568	13,551	SH	SOLE	1	13,551	0	0
MONRO INC	COM	610236101	1,199	20,855	SH	SOLE	1	20,855	0	0
MONSTER BEVERAGE CORP	COM	61174X109	15,079	169,746	SH	SOLE	1	169,746	0	0
MONTE ROSA THERAPEUTICS INC	COM	61225M102	141	6,333	SH	SOLE	1	6,333	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	782	12,663	SH	SOLE	1	12,663	0	0
MOODY S CORP	COM	615369105	22,438	63,185	SH	SOLE	1	63,185	0	0



MOOG INC CLASS A	COM	615394202	1,387	18,193	SH	SOLE	1	18,193	0	0
MORGAN STANLEY	COM	617446448	48,600	499,431	SH	SOLE	1	499,431	0	0
MORNINGSTAR INC	COM	617700109	114	440	SH	SOLE	1	440	0	0
MORPHIC HOLDING INC	COM	61775R105	643	11,348	SH	SOLE	1	11,348	0	0
MOSAIC CO/THE	COM	61945C103	3,688	103,234	SH	SOLE	1	103,234	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	230	11,809	SH	SOLE	1	11,809	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	12,891	55,486	SH	SOLE	1	55,486	0	0
MOVADO GROUP INC	COM	624580106	317	10,063	SH	SOLE	1	10,063	0	0
MP MATERIALS CORP	CL A	553368101	1,287	39,932	SH	SOLE	1	39,932	0	0
MR COOPER GROUP INC	COM	62482R107	1,883	45,746	SH	SOLE	1	45,746	0	0
MRC GLOBAL INC	COM	55345K103	323	44,068	SH	SOLE	1	44,068	0	0
MSA SAFETY INC	COM	553498106	9,159	62,861	SH	SOLE	1	62,861	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	6,488	80,909	SH	SOLE	1	80,909	0	0
MSCI INC	COM	55354G100	19,017	31,261	SH	SOLE	1	31,261	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,453	35,344	SH	SOLE	1	35,344	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	1,312	86,220	SH	SOLE	1	86,220	0	0
MULTIPLAN CORP	COM	62548M100	700	124,280	SH	SOLE	1	124,280	0	0
MURPHY OIL CORP	COM	626717102	8,206	328,615	SH	SOLE	1	328,615	0	0
MURPHY USA INC	COM	626755102	9,019	53,920	SH	SOLE	1	53,920	0	0
MUSTANG BIO INC	COM	62818Q104	102	38,092	SH	SOLE	1	38,092	0	0
MVB FINANCIAL CORP	COM	553810102	234	5,474	SH	SOLE	1	5,474	0	0
MYERS INDUSTRIES INC	COM	628464109	444	22,670	SH	SOLE	1	22,670	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	1,034	10,392	SH	SOLE	1	10,392	0	0
MYRIAD GENETICS INC	COM	62855J104	1,573	48,711	SH	SOLE	1	48,711	0	0
N ABLE INC	COM	62878D100	5	440	SH	SOLE	1	440	0	0
N B T BANCORP INC	COM	628778102	960	26,575	SH	SOLE	1	26,575	0	0
NABORS INDUSTRIES LTD	COM	G6359F137	433	4,491	SH	SOLE	1	4,491	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	1,192	24,830	SH	SOLE	1	24,830	0	0
NANTHEALTH INC	COM	630104107	24	14,728	SH	SOLE	1	14,728	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	342	7,936	SH	SOLE	1	7,936	0	0
NASDAQ INC	COM	631103108	8,268	42,833	SH	SOLE	1	42,833	0	0
NATERA INC	COM	632307104	177	1,591	SH	SOLE	1	1,591	0	0
NATHAN S FAMOUS INC	COM	632347100	95	1,557	SH	SOLE	1	1,557	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	755	18,645	SH	SOLE	1	18,645	0	0
NATIONAL BEVERAGE CORP	COM	635017106	773	14,729	SH	SOLE	1	14,729	0	0
NATIONAL CINEMEDIA INC	COM	635309107	117	32,899	SH	SOLE	1	32,899	0	0
NATIONAL ENERGY SERVICES REU	COM	G6375R107	260	20,781	SH	SOLE	1	20,781	0	0
NATIONAL FUEL GAS CO	COM	636180101	8,245	156,990	SH	SOLE	1	156,990	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	481	6,875	SH	SOLE	1	6,875	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	8,984	229,019	SH	SOLE	1	229,019	0	0
NATIONAL PRESTO INDS INC	COM	637215104	263	3,207	SH	SOLE	1	3,207	0	0
NATIONAL RESEARCH CORP	COM	637372202	323	7,653	SH	SOLE	1	7,653	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	13,061	302,412	SH	SOLE	1	302,412	0	0
NATIONAL STORAGE	COM	637870106	9,715	184,027	SH	SOLE	1	184,027	0	0

AFFILIATES										
NATIONAL VISION HOLDINGS INC	COM	63845R107	2,537	44,684	SH	SOLE	1	44,684	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	296	1,405	SH	SOLE	1	1,405	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,281	23,952	SH	SOLE	1	23,952	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	57	5,048	SH	SOLE	1	5,048	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	95	6,492	SH	SOLE	1	6,492	0	0
NATUS MEDICAL INC	COM	639050103	532	21,202	SH	SOLE	1	21,202	0	0
NAUTILUS INC	COM	63910B102	154	16,494	SH	SOLE	1	16,494	0	0
NAVIENT CORP	COM	63938C108	7,446	377,393	SH	SOLE	1	377,393	0	0
NCINO INC	COM	63947U107	78	1,102	SH	SOLE	1	1,102	0	0
NCR CORPORATION	COM	62886E108	8,784	226,625	SH	SOLE	1	226,625	0	0
NEENAH INC	COM	640079109	493	10,583	SH	SOLE	1	10,583	0	0
NEKTAR THERAPEUTICS	COM	640268108	5,684	316,476	SH	SOLE	1	316,476	0	0
NELNET INC CL A	CL A	64031N108	736	9,292	SH	SOLE	1	9,292	0	0
NEOGAMES SA	CL A	L6673X107	112	3,052	SH	SOLE	1	3,052	0	0
NEOGEN CORP	COM	640491106	10,546	242,829	SH	SOLE	1	242,829	0	0
NEOGENOMICS INC	COM	64049M209	3,469	71,918	SH	SOLE	1	71,918	0	0
NEOLEUKIN THERAPEUTICS INC	COM	64049K104	139	19,271	SH	SOLE	1	19,271	0	0
NEOPHOTONICS CORP	COM	64051T100	244	28,067	SH	SOLE	1	28,067	0	0
NETAPP INC	COM	64110D104	9,596	106,907	SH	SOLE	1	106,907	0	0
NETEASE INC ADR	ADR	64110W102	2,076	24,314	SH	SOLE	1	24,314	0	0
NETFLIX INC	COM	64110L106	105,398	172,688	SH	SOLE	1	172,688	0	0
NETGEAR INC	COM	64111Q104	605	18,956	SH	SOLE	1	18,956	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	4,452	165,183	SH	SOLE	1	165,183	0	0
NETSTREIT CORP	COM	64119V303	514	21,723	SH	SOLE	1	21,723	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	15,709	163,785	SH	SOLE	1	163,785	0	0
NEURONETICS INC	COM	64131A105	92	13,967	SH	SOLE	1	13,967	0	0
NEUROPACE INC	COM	641288105	62	3,886	SH	SOLE	1	3,886	0	0
NEVRO CORP	COM	64157F103	2,204	18,937	SH	SOLE	1	18,937	0	0
NEW FORTRESS ENERGY INC	CL A	644393100	14	520	SH	SOLE	1	520	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	7,585	217,903	SH	SOLE	1	217,903	0	0
NEW ORIENTAL EDUCATIO SP ADR	SPON ADR	647581107	44	21,360	SH	SOLE	1	21,360	0	0
NEW RELIC INC	COM	64829B100	73	1,013	SH	SOLE	1	1,013	0	0
NEW RESIDENTIAL INVESTMENT	COM	64828T201	53	4,820	SH	SOLE	1	4,820	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	10,306	800,741	SH	SOLE	1	800,741	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	1,015	238,280	SH	SOLE	1	238,280	0	0
NEW YORK TIMES CO A	COM	650111107	14,177	287,747	SH	SOLE	1	287,747	0	0
NEWAGE INC	COM	650194103	102	73,628	SH	SOLE	1	73,628	0	0
NEWELL BRANDS INC	COM	651229106	2,504	113,081	SH	SOLE	1	113,081	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	1,169	81,681	SH	SOLE	1	81,681	0	0
NEWMARKET CORP	COM	651587107	4,206	12,416	SH	SOLE	1	12,416	0	0
NEWMONT CORP	COM	651639106	14,548	267,914	SH	SOLE	1	267,914	0	0
NEWPARK RESOURCES INC	COM	651718504	163	49,435	SH	SOLE	1	49,435	0	0
NEWS CORP CLASS A	COM	65249B109	2,749	116,811	SH	SOLE	1	116,811	0	0
NEWS CORP CLASS B	COM	65249B208	845	36,357	SH	SOLE	1	36,357	0	0
NEXIMMUNE INC	COM	65344D109	146	9,662	SH	SOLE	1	9,662	0	0

NEXPOINT RESIDENTIAL	COM	65341D102	866	13,999	SH	SOLE	1	13,999	0	0
NEXSTAR MEDIA GROUP INC CL A	CL A	65336K103	72	472	SH	SOLE	1	472	0	0
NEXTERA ENERGY INC	COM	65339F101	44,687	569,112	SH	SOLE	1	569,112	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	497	35,273	SH	SOLE	1	35,273	0	0
NEXTTIER OILFIELD SOLUTIONS I	COM	65290C105	436	94,676	SH	SOLE	1	94,676	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	362	17,245	SH	SOLE	1	17,245	0	0
NI HOLDINGS INC	COM	65342T106	82	4,693	SH	SOLE	1	4,693	0	0
NICOLET BANKSHARES INC	COM	65406E102	436	5,878	SH	SOLE	1	5,878	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	2,056	107,131	SH	SOLE	1	107,131	0	0
NIKE INC CL B	COM	654106103	54,085	372,411	SH	SOLE	1	372,411	0	0
NIKOLA CORP	COM	654110105	1,314	123,176	SH	SOLE	1	123,176	0	0
NIO INC ADR	ADR	62914V106	657	18,429	SH	SOLE	1	18,429	0	0
NISOURCE INC	COM	65473P105	3,087	127,384	SH	SOLE	1	127,384	0	0
NKARTA INC	COM	65487U108	215	7,722	SH	SOLE	1	7,722	0	0
NL INDUSTRIES	COM	629156407	26	4,581	SH	SOLE	1	4,581	0	0
NLIGHT INC	COM	65487K100	656	23,281	SH	SOLE	1	23,281	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,195	52,840	SH	SOLE	1	52,840	0	0
NN INC	COM	629337106	123	23,394	SH	SOLE	1	23,394	0	0
NOAH HOLDINGS LTD SPON ADS	ADR	65487X102	15	401	SH	SOLE	1	401	0	0
NOODLES & CO	COM	65540B105	263	22,260	SH	SOLE	1	22,260	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	214	83,511	SH	SOLE	1	83,511	0	0
NORDSON CORP	COM	655663102	22,203	93,232	SH	SOLE	1	93,232	0	0
NORDSTROM INC	COM	655664100	5,088	192,345	SH	SOLE	1	192,345	0	0
NORFOLK SOUTHERN CORP	COM	655844108	19,714	82,398	SH	SOLE	1	82,398	0	0
NORTHERN OIL AND GAS INC	COM	665531307	613	28,659	SH	SOLE	1	28,659	0	0
NORTHERN TRUST CORP	COM	665859104	8,206	76,114	SH	SOLE	1	76,114	0	0
NORTHFIELD BANCORP INC	COM	66611T108	485	28,256	SH	SOLE	1	28,256	0	0
NORTHRIM BANCORP INC	COM	666762109	141	3,318	SH	SOLE	1	3,318	0	0
NORTHROP GRUMMAN CORP	COM	666807102	15,583	43,267	SH	SOLE	1	43,267	0	0
NORTHWEST BANCSHARES INC	COM	667340103	1,025	77,187	SH	SOLE	1	77,187	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	882	19,172	SH	SOLE	1	19,172	0	0
NORTHWEST PIPE CO	COM	667746101	126	5,298	SH	SOLE	1	5,298	0	0
NORTHWESTERN CORP	COM	668074305	6,678	116,548	SH	SOLE	1	116,548	0	0
NORTONLIFELOCK INC	COM	668771108	4,680	184,967	SH	SOLE	1	184,967	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	2,951	110,493	SH	SOLE	1	110,493	0	0
NOV INC	COM	62955J103	8,821	672,869	SH	SOLE	1	672,869	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	893	129,844	SH	SOLE	1	129,844	0	0
NOVANTA INC	COM	67000B104	2,984	19,314	SH	SOLE	1	19,314	0	0
NOVAVAX INC	COM	670002401	301	1,450	SH	SOLE	1	1,450	0	0
NOVOCURE LTD	COM	G6674U108	234	2,010	SH	SOLE	1	2,010	0	0
NOW INC	COM	67011P100	529	69,215	SH	SOLE	1	69,215	0	0
NRG ENERGY INC	COM	629377508	3,058	74,898	SH	SOLE	1	74,898	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	4,573	112,991	SH	SOLE	1	112,991	0	0

NUANCE COMMUNICATIONS INC	COM	67020Y100	225	4,095	SH	SOLE	1	4,095	0	0
NUCOR CORP	COM	670346105	10,085	102,398	SH	SOLE	1	102,398	0	0
NURIX THERAPEUTICS INC	COM	67080M103	514	17,142	SH	SOLE	1	17,142	0	0
NUTANIX INC A	COM	67059N108	143	3,782	SH	SOLE	1	3,782	0	0
NUVALENT INC A	COM	670703107	132	5,862	SH	SOLE	1	5,862	0	0
NUVASIVE INC	COM	670704105	6,988	116,760	SH	SOLE	1	116,760	0	0
NUVATION BIO INC	CL A	67080N101	363	36,518	SH	SOLE	1	36,518	0	0
NV5 GLOBAL INC	COM	62945V109	712	7,221	SH	SOLE	1	7,221	0	0
NVE CORP	COM	629445206	167	2,608	SH	SOLE	1	2,608	0	0
NVENT ELECTRIC PLC	COM	G6700G107	9,360	289,501	SH	SOLE	1	289,501	0	0
NVIDIA CORP	COM	67066G104	200,215	966,474	SH	SOLE	1	966,474	0	0
NVR INC	COM	62944T105	4,928	1,028	SH	SOLE	1	1,028	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	18,676	95,351	SH	SOLE	1	95,351	0	0
O I GLASS INC	COM	67098H104	1,414	99,112	SH	SOLE	1	99,112	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	15,683	25,666	SH	SOLE	1	25,666	0	0
OAK STREET HEALTH INC	COM	67181A107	78	1,845	SH	SOLE	1	1,845	0	0
OASIS PETROLEUM INC	COM	674215207	1,098	11,046	SH	SOLE	1	11,046	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	9,294	314,186	SH	SOLE	1	314,186	0	0
OCEANEERING INTL INC	COM	675232102	833	62,530	SH	SOLE	1	62,530	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	693	32,374	SH	SOLE	1	32,374	0	0
OCUGEN INC	COM	67577C105	726	101,070	SH	SOLE	1	101,070	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	420	41,955	SH	SOLE	1	41,955	0	0
OCWEN FINANCIAL CORP	COM	675746606	126	4,472	SH	SOLE	1	4,472	0	0
ODP CORP/THE	COM	88337F105	1,201	29,913	SH	SOLE	1	29,913	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	762	30,091	SH	SOLE	1	30,091	0	0
OFG BANCORP	COM	67103X102	806	31,969	SH	SOLE	1	31,969	0	0
OGE ENERGY CORP	COM	670837103	11,363	344,739	SH	SOLE	1	344,739	0	0
OIL DRI CORP OF AMERICA	COM	677864100	100	2,853	SH	SOLE	1	2,853	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	243	38,093	SH	SOLE	1	38,093	0	0
OKTA INC	COM	679295105	2,712	11,426	SH	SOLE	1	11,426	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	8,430	29,479	SH	SOLE	1	29,479	0	0
OLD NATIONAL BANCORP	COM	680033107	1,759	103,767	SH	SOLE	1	103,767	0	0
OLD REPUBLIC INTL CORP	COM	680223104	11,325	489,642	SH	SOLE	1	489,642	0	0
OLD SECOND BANCORP INC	COM	680277100	198	15,191	SH	SOLE	1	15,191	0	0
OLEMA PHARMACEUTICALS INC	COM	68062P106	380	13,790	SH	SOLE	1	13,790	0	0
OLIN CORP	COM	680665205	12,005	248,803	SH	SOLE	1	248,803	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	6,306	104,616	SH	SOLE	1	104,616	0	0
OLYMPIC STEEL INC	COM	68162K106	143	5,877	SH	SOLE	1	5,877	0	0
OMEGA FLEX INC	COM	682095104	242	1,698	SH	SOLE	1	1,698	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	12,325	411,394	SH	SOLE	1	411,394	0	0
OMEGA THERAPEUTICS INC	COM	68217N105	76	4,047	SH	SOLE	1	4,047	0	0
OMEROS CORP	COM	682143102	455	33,003	SH	SOLE	1	33,003	0	0

OMNICELL INC	COM	68213N109	4,014	27,040	SH	SOLE	1	27,040	0	0
OMNICOM GROUP	COM	681919106	4,638	64,014	SH	SOLE	1	64,014	0	0
ON SEMICONDUCTOR CORP	COM	682189105	305	6,664	SH	SOLE	1	6,664	0	0
ON24 INC	COM	68339B104	294	14,722	SH	SOLE	1	14,722	0	0
ONCOCYTE CORP	COM	68235C107	117	32,934	SH	SOLE	1	32,934	0	0
ONCORUS INC	COM	68236R103	104	11,178	SH	SOLE	1	11,178	0	0
ONCTERNAL THERAPEUTICS INC	COM	68236P107	101	24,222	SH	SOLE	1	24,222	0	0
ONE GAS INC	COM	68235P108	7,631	120,417	SH	SOLE	1	120,417	0	0
ONE GROUP HOSPITALITY INC/TH	COM	88338K103	121	11,351	SH	SOLE	1	11,351	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	269	8,818	SH	SOLE	1	8,818	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	64	1,157	SH	SOLE	1	1,157	0	0
ONEOK INC	COM	682680103	8,549	147,415	SH	SOLE	1	147,415	0	0
ONESPAN INC	COM	68287N100	414	22,052	SH	SOLE	1	22,052	0	0
ONESPAWORLD HOLDINGS LTD	COM	P73684113	288	28,931	SH	SOLE	1	28,931	0	0
ONEWATER MARINE INC CL A	CL A	68280L101	226	5,616	SH	SOLE	1	5,616	0	0
ONTO INNOVATION INC	COM	683344105	2,212	30,612	SH	SOLE	1	30,612	0	0
ONTRAK INC	COM	683373104	50	4,940	SH	SOLE	1	4,940	0	0
OOMA INC	COM	683416101	221	11,902	SH	SOLE	1	11,902	0	0
OPEN LENDING CORP CL A	CL A	68373J104	2,059	57,076	SH	SOLE	1	57,076	0	0
OPENDOOR TECHNOLOGIES INC	COM	683712103	119	5,776	SH	SOLE	1	5,776	0	0
OPKO HEALTH INC	COM	68375N103	798	218,703	SH	SOLE	1	218,703	0	0
OPORTUN FINANCIAL CORP	COM	68376D104	286	11,414	SH	SOLE	1	11,414	0	0
OPPENHEIMER HOLDINGS CL A	CL A	683797104	229	5,055	SH	SOLE	1	5,055	0	0
OPTIMIZERX CORP	COM	68401U204	804	9,400	SH	SOLE	1	9,400	0	0
OPTION CARE HEALTH INC	COM	68404L201	7,737	318,917	SH	SOLE	1	318,917	0	0
ORACLE CORP	COM	68389X105	41,743	479,084	SH	SOLE	1	479,084	0	0
ORAMED PHARMACEUTICALS INC	COM	68403P203	365	16,591	SH	SOLE	1	16,591	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	508	44,940	SH	SOLE	1	44,940	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X103	331	67,653	SH	SOLE	1	67,653	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	369	25,932	SH	SOLE	1	25,932	0	0
ORGANON & CO	COM	68622V106	2,507	76,449	SH	SOLE	1	76,449	0	0
ORIC PHARMACEUTICALS INC	COM	68622P109	362	17,305	SH	SOLE	1	17,305	0	0
ORIGIN BANCORP INC	COM	68621T102	513	12,113	SH	SOLE	1	12,113	0	0
ORION ENGINEERED CARBONS SA	COM	L72967109	605	33,172	SH	SOLE	1	33,172	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	1,653	24,810	SH	SOLE	1	24,810	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	140	5,967	SH	SOLE	1	5,967	0	0
ORTHO CLINICAL DIAGNOSTICS H	ORD SHS	G6829J107	1,120	60,588	SH	SOLE	1	60,588	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	455	11,943	SH	SOLE	1	11,943	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	496	7,572	SH	SOLE	1	7,572	0	0
OSHKOSH CORP	COM	688239201	12,100	118,203	SH	SOLE	1	118,203	0	0

OSI SYSTEMS INC	COM	671044105	1,006	10,615	SH	SOLE	1	10,615	0	0
OTIS WORLDWIDE CORP	COM	68902V107	11,607	141,063	SH	SOLE	1	141,063	0	0
OTTER TAIL CORP	COM	689648103	1,261	22,525	SH	SOLE	1	22,525	0	0
OUSTER INC	COM	68989M103	116	15,893	SH	SOLE	1	15,893	0	0
OUTBRAIN INC	COM	69002R103	65	4,419	SH	SOLE	1	4,419	0	0
OUTFRONT MEDIA INC	COM	69007J106	2,008	79,670	SH	SOLE	1	79,670	0	0
OUTLOOK THERAPEUTICS INC	COM	69012T206	106	48,746	SH	SOLE	1	48,746	0	0
OUTSET MEDICAL INC	COM	690145107	1,238	25,041	SH	SOLE	1	25,041	0	0
OVERSTOCK.COM INC	COM	690370101	1,834	23,533	SH	SOLE	1	23,533	0	0
OVINTIV INC	COM	69047Q102	4,718	143,492	SH	SOLE	1	143,492	0	0
OWENS & MINOR INC	COM	690732102	1,432	45,762	SH	SOLE	1	45,762	0	0
OWENS CORNING	COM	690742101	15,186	177,611	SH	SOLE	1	177,611	0	0
OXFORD INDUSTRIES INC	COM	691497309	908	10,070	SH	SOLE	1	10,070	0	0
OYSTER POINT PHARMA INC	COM	69242L106	72	6,082	SH	SOLE	1	6,082	0	0
OZON HOLDINGS PLC ADR	SPNSRD ADS	69269L104	35	701	SH	SOLE	1	701	0	0
P G & E CORP	COM	69331C108	162	16,828	SH	SOLE	1	16,828	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	89	1,989	SH	SOLE	1	1,989	0	0
PACCAR INC	COM	693718108	11,024	139,682	SH	SOLE	1	139,682	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	2,720	106,441	SH	SOLE	1	106,441	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	2,442	58,919	SH	SOLE	1	58,919	0	0
PACIRA BIOSCIENCES INC	COM	695127100	1,538	27,460	SH	SOLE	1	27,460	0	0
PACKAGING CORP OF AMERICA	COM	695156109	4,361	31,732	SH	SOLE	1	31,732	0	0
PACTIV EVERGREEN INC	COM	69526K105	295	23,545	SH	SOLE	1	23,545	0	0
PACWEST BANCORP	COM	695263103	9,148	201,855	SH	SOLE	1	201,855	0	0
PAE INC	CL A	69290Y109	227	38,006	SH	SOLE	1	38,006	0	0
PAGERDUTY INC	COM	69553P100	1,830	44,189	SH	SOLE	1	44,189	0	0
PALANTIR TECHNOLOGIES INC A	CL A	69608A108	767	31,912	SH	SOLE	1	31,912	0	0
PALO ALTO NETWORKS INC	COM	697435105	897	1,873	SH	SOLE	1	1,873	0	0
PALOMAR HOLDINGS INC	COM	69753M105	1,244	15,385	SH	SOLE	1	15,385	0	0
PAPA JOHN S INTL INC	COM	698813102	9,371	73,790	SH	SOLE	1	73,790	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	443	28,164	SH	SOLE	1	28,164	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	820	13,339	SH	SOLE	1	13,339	0	0
PARAMOUNT GROUP INC	COM	69924R108	919	102,200	SH	SOLE	1	102,200	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	127	26,061	SH	SOLE	1	26,061	0	0
PARK AEROSPACE CORP	COM	70014A104	168	12,249	SH	SOLE	1	12,249	0	0
PARK HOTELS & RESORTS INC	COM	700517105	7,795	407,275	SH	SOLE	1	407,275	0	0
PARK NATIONAL CORP	COM	700658107	1,103	9,048	SH	SOLE	1	9,048	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	119	4,656	SH	SOLE	1	4,656	0	0
PARKER HANNIFIN CORP	COM	701094104	12,929	46,236	SH	SOLE	1	46,236	0	0
PARSONS CORP	COM	70202L102	486	14,408	SH	SOLE	1	14,408	0	0
PARTY CITY HOLDCO INC	COM	702149105	430	60,493	SH	SOLE	1	60,493	0	0
PASSAGE BIO INC	COM	702712100	202	20,299	SH	SOLE	1	20,299	0	0

PATRICK INDUSTRIES INC	COM	703343103	1,186	14,240	SH	SOLE	1	14,240	0	0
PATTERSON COS INC	COM	703395103	5,861	194,444	SH	SOLE	1	194,444	0	0
PATTERSON UTI ENERGY INC	COM	703481101	1,056	117,281	SH	SOLE	1	117,281	0	0
PAVMED INC	COM	70387R106	336	39,345	SH	SOLE	1	39,345	0	0
PAYA HOLDINGS INC	CL A	70434P103	489	45,000	SH	SOLE	1	45,000	0	0
PAYCHEX INC	COM	704326107	15,447	137,368	SH	SOLE	1	137,368	0	0
PAYCOM SOFTWARE INC	COM	70432V102	9,196	18,549	SH	SOLE	1	18,549	0	0
PAYCOR HCM INC	COM	70435P102	12	354	SH	SOLE	1	354	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	19,068	68,003	SH	SOLE	1	68,003	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	120,182	461,867	SH	SOLE	1	461,867	0	0
PAYSAFE LTD	LTD SHS	G6964L107	36	4,638	SH	SOLE	1	4,638	0	0
PBF ENERGY INC CLASS A	COM	69318G106	783	60,352	SH	SOLE	1	60,352	0	0
PC CONNECTION INC	COM	69318J100	306	6,952	SH	SOLE	1	6,952	0	0
PCSB FINANCIAL CORP	COM	69324R104	136	7,352	SH	SOLE	1	7,352	0	0
PDC ENERGY INC	COM	69327R101	2,954	62,344	SH	SOLE	1	62,344	0	0
PDF SOLUTIONS INC	COM	693282105	429	18,633	SH	SOLE	1	18,633	0	0
PEABODY ENERGY CORP	COM	704551100	652	44,076	SH	SOLE	1	44,076	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	331	9,927	SH	SOLE	1	9,927	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	6,633	295,973	SH	SOLE	1	295,973	0	0
PEGASYSTEMS INC	COM	705573103	99	781	SH	SOLE	1	781	0	0
PELOTON INTERACTIVE INC A	CL A	70614W100	1,932	22,193	SH	SOLE	1	22,193	0	0
PENN NATIONAL GAMING INC	COM	707569109	3,440	47,469	SH	SOLE	1	47,469	0	0
PENNANT GROUP INC/THE	COM	70805E109	455	16,192	SH	SOLE	1	16,192	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	1,099	17,979	SH	SOLE	1	17,979	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	1,211	61,500	SH	SOLE	1	61,500	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	36	354	SH	SOLE	1	354	0	0
PENTAIR PLC	COM	G7S00T104	3,597	49,525	SH	SOLE	1	49,525	0	0
PENUMBRA INC	COM	70975L107	15,857	59,501	SH	SOLE	1	59,501	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	2,232	127,769	SH	SOLE	1	127,769	0	0
PEOPLES BANCORP INC	COM	709789101	439	13,882	SH	SOLE	1	13,882	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	175	3,839	SH	SOLE	1	3,839	0	0
PEPSICO INC	COM	713448108	89,738	596,623	SH	SOLE	1	596,623	0	0
PERDOCEO EDUCATION CORP	COM	71363P106	466	44,142	SH	SOLE	1	44,142	0	0
PERFICIENT INC	COM	71375U101	2,367	20,460	SH	SOLE	1	20,460	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	16,073	345,947	SH	SOLE	1	345,947	0	0
PERKINELMER INC	COM	714046109	5,920	34,162	SH	SOLE	1	34,162	0	0
PERPETUA RESOURCES CORP	COM	714266103	73	14,669	SH	SOLE	1	14,669	0	0
PERRIGO CO PLC	COM	G97822103	10,899	230,286	SH	SOLE	1	230,286	0	0
PERSONALIS INC	COM	71535D106	379	19,710	SH	SOLE	1	19,710	0	0
PETCO HEALTH AND WELLNESS CO	COM	71601V105	14	646	SH	SOLE	1	646	0	0
PETIQ INC	COM	71639T106	368	14,729	SH	SOLE	1	14,729	0	0
PETMED EXPRESS INC	COM	716382106	334	12,425	SH	SOLE	1	12,425	0	0
PFIZER INC	COM	717081103	69,325	1,611,842	SH	SOLE	1	1,611,842	0	0
PGT INNOVATIONS INC	COM	69336V101	694	36,332	SH	SOLE	1	36,332	0	0

PHATHOM PHARMACEUTICALS INC	COM	71722W107	356	11,085	SH	SOLE	1	11,085	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	276	12,821	SH	SOLE	1	12,821	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	42,471	448,058	SH	SOLE	1	448,058	0	0
PHILLIPS 66	COM	718546104	9,160	130,796	SH	SOLE	1	130,796	0	0
PHILLIPS EDISON & COMPANY IN	COM	71844V201	315	10,259	SH	SOLE	1	10,259	0	0
PHOTRONICS INC	COM	719405102	517	37,960	SH	SOLE	1	37,960	0	0
PHREESIA INC	COM	71944F106	1,651	26,755	SH	SOLE	1	26,755	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	8,635	490,057	SH	SOLE	1	490,057	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	1,183	67,892	SH	SOLE	1	67,892	0	0
PILGRIM S PRIDE CORP	COM	72147K108	2,445	84,085	SH	SOLE	1	84,085	0	0
PINDUODUO INC ADR	ADR	722304102	2,705	29,834	SH	SOLE	1	29,834	0	0
PING IDENTITY HOLDING CORP	COM	72341T103	667	27,131	SH	SOLE	1	27,131	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	12,330	131,055	SH	SOLE	1	131,055	0	0
PINNACLE WEST CAPITAL	COM	723484101	2,437	33,679	SH	SOLE	1	33,679	0	0
PINTEREST INC CLASS A	CL A	72352L106	555	10,893	SH	SOLE	1	10,893	0	0
PIONEER BANCORP INC/NY	COM	723561106	80	6,359	SH	SOLE	1	6,359	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	13,043	78,334	SH	SOLE	1	78,334	0	0
PIPER SANDLER COS	COM	724078100	1,485	10,724	SH	SOLE	1	10,724	0	0
PITNEY BOWES INC	COM	724479100	790	109,542	SH	SOLE	1	109,542	0	0
PJT PARTNERS INC A	COM	69343T107	1,041	13,157	SH	SOLE	1	13,157	0	0
PLANET FITNESS INC CL A	CL A	72703H101	111	1,415	SH	SOLE	1	1,415	0	0
PLANTRONICS INC	COM	727493108	681	26,498	SH	SOLE	1	26,498	0	0
PLAYAGS INC	COM	72814N104	118	15,038	SH	SOLE	1	15,038	0	0
PLAYTIKA HOLDING CORP	COM	72815L107	56	2,040	SH	SOLE	1	2,040	0	0
PLBY GROUP INC	COM	72814P109	304	12,899	SH	SOLE	1	12,899	0	0
PLEXUS CORP	COM	729132100	1,572	17,581	SH	SOLE	1	17,581	0	0
PLIANT THERAPEUTICS INC	COM	729139105	222	13,168	SH	SOLE	1	13,168	0	0
PLUG POWER INC	COM	72919P202	257	10,050	SH	SOLE	1	10,050	0	0
PLYMOUTH INDUSTRIAL REIT INC	COM	729640102	365	16,027	SH	SOLE	1	16,027	0	0
PMV PHARMACEUTICALS INC	COM	69353Y103	428	14,357	SH	SOLE	1	14,357	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	30,645	156,639	SH	SOLE	1	156,639	0	0
PNM RESOURCES INC	COM	69349H107	9,586	193,741	SH	SOLE	1	193,741	0	0
POLARIS INC	COM	731068102	11,778	98,427	SH	SOLE	1	98,427	0	0
POLYMET MINING CORP	COM	731916409	48	15,802	SH	SOLE	1	15,802	0	0
POOL CORP	COM	73278L105	6,242	14,368	SH	SOLE	1	14,368	0	0
POPULAR INC	COM	733174700	69	882	SH	SOLE	1	882	0	0
PORCH GROUP INC	COM	733245104	746	42,206	SH	SOLE	1	42,206	0	0
PORTAGE BIOTECH INC	COM	G7185A128	56	2,736	SH	SOLE	1	2,736	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	2,315	49,274	SH	SOLE	1	49,274	0	0
POSEIDA THERAPEUTICS INC	COM	73730P108	115	15,741	SH	SOLE	1	15,741	0	0
POST HOLDINGS INC	COM	737446104	11,120	100,945	SH	SOLE	1	100,945	0	0
POSTAL REALTY TRUST	CL A	73757R102	126	6,752	SH	SOLE	1	6,752	0	0



INC A											
POTLATCHDELTIC CORP	COM	737630103	7,782	150,873	SH	SOLE	1	150,873	0	0	
POWELL INDUSTRIES INC	COM	739128106	140	5,707	SH	SOLE	1	5,707	0	0	
POWER INTEGRATIONS INC	COM	739276103	3,751	37,889	SH	SOLE	1	37,889	0	0	
POWERSCHOOL HOLDINGS INC A	CL A	73939C106	580	23,574	SH	SOLE	1	23,574	0	0	
PPD INC	COM	69355F102	110	2,341	SH	SOLE	1	2,341	0	0	
PPG INDUSTRIES INC	COM	693506107	11,689	81,734	SH	SOLE	1	81,734	0	0	
PPL CORP	COM	69351T106	7,165	257,010	SH	SOLE	1	257,010	0	0	
PRA GROUP INC	COM	69354N106	1,203	28,536	SH	SOLE	1	28,536	0	0	
PRAXIS PRECISION MEDICINES I	COM	74006W108	328	17,731	SH	SOLE	1	17,731	0	0	
PRECIGEN INC	COM	74017N105	259	51,912	SH	SOLE	1	51,912	0	0	
PRECISION BIOSCIENCES INC	COM	74019P108	313	27,118	SH	SOLE	1	27,118	0	0	
PREFERRED APARTMENT COMMUNIT	COM	74039L103	345	28,248	SH	SOLE	1	28,248	0	0	
PREFERRED BANK/LOS ANGELES	COM	740367404	577	8,652	SH	SOLE	1	8,652	0	0	
PREFORMED LINE PRODUCTS CO	COM	740444104	105	1,615	SH	SOLE	1	1,615	0	0	
PRELUDE THERAPEUTICS INC	COM	74065P101	185	5,923	SH	SOLE	1	5,923	0	0	
PREMIER FINANCIAL CORP	COM	74052F108	645	20,252	SH	SOLE	1	20,252	0	0	
PREMIER INC CLASS A	COM	74051N102	53	1,355	SH	SOLE	1	1,355	0	0	
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	1,764	31,432	SH	SOLE	1	31,432	0	0	
PRICESMART INC	COM	741511109	1,144	14,746	SH	SOLE	1	14,746	0	0	
PRIMERICA INC	COM	74164M108	10,443	67,972	SH	SOLE	1	67,972	0	0	
PRIMIS FINANCIAL CORP	COM	74167B109	191	13,204	SH	SOLE	1	13,204	0	0	
PRIMO WATER CORP	COM	74167P108	1,353	86,093	SH	SOLE	1	86,093	0	0	
PRIMORIS SERVICES CORP	COM	74164F103	717	29,277	SH	SOLE	1	29,277	0	0	
PRINCIPAL FINANCIAL GROUP	COM	74251V102	4,811	74,711	SH	SOLE	1	74,711	0	0	
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	36	5,461	SH	SOLE	1	5,461	0	0	
PRIVIA HEALTH GROUP INC	COM	74276R102	260	11,026	SH	SOLE	1	11,026	0	0	
PROASSURANCE CORP	COM	74267C106	803	33,754	SH	SOLE	1	33,754	0	0	
PROCORE TECHNOLOGIES INC	COM	74275K108	16	174	SH	SOLE	1	174	0	0	
PROCTER & GAMBLE CO/THE	COM	742718109	98,551	704,942	SH	SOLE	1	704,942	0	0	
PROG HOLDINGS INC	COM	74319R101	6,304	150,070	SH	SOLE	1	150,070	0	0	
PROGRESS SOFTWARE CORP	COM	743312100	1,357	27,582	SH	SOLE	1	27,582	0	0	
PROGRESSIVE CORP	COM	743315103	17,489	193,479	SH	SOLE	1	193,479	0	0	
PROGYNY INC	COM	74340E103	8,529	152,311	SH	SOLE	1	152,311	0	0	
PROLOGIS INC	COM	74340W103	30,988	247,058	SH	SOLE	1	247,058	0	0	
PROMETHEUS BIOSCIENCES INC	COM	74349U108	147	6,186	SH	SOLE	1	6,186	0	0	
PROPETRO HOLDING CORP	COM	74347M108	463	53,528	SH	SOLE	1	53,528	0	0	
PROS HOLDINGS INC	COM	74346Y103	776	21,880	SH	SOLE	1	21,880	0	0	
PROSPERITY BANCSHARES INC	COM	743606105	11,381	160,006	SH	SOLE	1	160,006	0	0	
PROTAGONIST THERAPEUTICS INC	COM	74366E102	434	24,483	SH	SOLE	1	24,483	0	0	

PROTHENA CORP PLC	COM	G72800108	1,363	19,130	SH	SOLE	1	19,130	0	0
PROTO LABS INC	COM	743713109	1,162	17,440	SH	SOLE	1	17,440	0	0
PROVENTION BIO INC	COM	74374N102	194	30,355	SH	SOLE	1	30,355	0	0
PROVIDENT BANCORP INC	COM	74383L105	135	8,406	SH	SOLE	1	8,406	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	1,122	47,796	SH	SOLE	1	47,796	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	14,323	136,150	SH	SOLE	1	136,150	0	0
PS BUSINESS PARKS INC/MD	COM	69360J107	7,116	45,402	SH	SOLE	1	45,402	0	0
PTC INC	COM	69370C100	5,326	44,457	SH	SOLE	1	44,457	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,415	38,016	SH	SOLE	1	38,016	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	9,194	150,968	SH	SOLE	1	150,968	0	0
PUBLIC STORAGE	COM	74460D109	14,515	48,857	SH	SOLE	1	48,857	0	0
PULMONX CORP	COM	745848101	514	14,290	SH	SOLE	1	14,290	0	0
PULSE BIOSCIENCES INC	COM	74587B101	164	7,615	SH	SOLE	1	7,615	0	0
PULTEGROUP INC	COM	745867101	3,625	78,935	SH	SOLE	1	78,935	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	124	17,668	SH	SOLE	1	17,668	0	0
PURE CYCLE CORP	COM	746228303	140	10,535	SH	SOLE	1	10,535	0	0
PURE STORAGE INC CLASS A	COM	74624M102	128	5,090	SH	SOLE	1	5,090	0	0
PURECYCLE TECHNOLOGIES INC	COM	74623V103	239	18,030	SH	SOLE	1	18,030	0	0
PURPLE INNOVATION INC	COM	74640Y106	663	31,525	SH	SOLE	1	31,525	0	0
PVH CORP	COM	693656100	2,190	21,306	SH	SOLE	1	21,306	0	0
PZENA INVESTMENT MANAGM CL A	CL A	74731Q103	91	9,245	SH	SOLE	1	9,245	0	0
Q2 HOLDINGS INC	COM	74736L109	2,399	29,930	SH	SOLE	1	29,930	0	0
QAD INC A	COM	74727D306	578	6,614	SH	SOLE	1	6,614	0	0
QCR HOLDINGS INC	COM	74727A104	433	8,423	SH	SOLE	1	8,423	0	0
QIAGEN N.V.	COM	N72482123	131	2,529	SH	SOLE	1	2,529	0	0
QORVO INC	COM	74736K101	5,662	33,864	SH	SOLE	1	33,864	0	0
QUAKER CHEMICAL CORP	COM	747316107	2,011	8,459	SH	SOLE	1	8,459	0	0
QUALCOMM INC	COM	747525103	56,799	440,373	SH	SOLE	1	440,373	0	0
QUALYS INC	COM	74758T303	8,455	75,970	SH	SOLE	1	75,970	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	450	21,034	SH	SOLE	1	21,034	0	0
QUANTA SERVICES INC	COM	74762E102	4,785	42,036	SH	SOLE	1	42,036	0	0
QUANTERIX CORP	COM	74766Q101	841	16,890	SH	SOLE	1	16,890	0	0
QUANTUM CORP	COM	747906501	163	31,410	SH	SOLE	1	31,410	0	0
QUANTUMSCAPE CORP	CL A	74767V109	87	3,539	SH	SOLE	1	3,539	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	5,902	40,620	SH	SOLE	1	40,620	0	0
QUIDEL CORP	COM	74838J101	9,208	65,237	SH	SOLE	1	65,237	0	0
QUINSTREET INC	COM	74874Q100	547	31,129	SH	SOLE	1	31,129	0	0
QUOTIENT LTD	COM	G73268107	101	42,949	SH	SOLE	1	42,949	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	283	48,651	SH	SOLE	1	48,651	0	0
QURATE RETAIL INC SERIES A	COM	74915M100	42	4,140	SH	SOLE	1	4,140	0	0
R1 RCM INC	COM	749397105	6,473	294,073	SH	SOLE	1	294,073	0	0
RACKSPACE TECHNOLOGY INC	COM	750102105	425	29,858	SH	SOLE	1	29,858	0	0
RADIAN GROUP INC	COM	750236101	2,319	102,075	SH	SOLE	1	102,075	0	0
RADIANT LOGISTICS INC	COM	75025X100	137	21,485	SH	SOLE	1	21,485	0	0

RADIUS GLOBAL INFRASTRUCTU A	CL A	750481103	527	32,272	SH	SOLE	1	32,272	0	0
RADIUS HEALTH INC	COM	750469207	318	25,623	SH	SOLE	1	25,623	0	0
RADNET INC	COM	750491102	833	28,407	SH	SOLE	1	28,407	0	0
RAFAEL HOLDINGS INC CLASS B	COM	75062E106	164	5,334	SH	SOLE	1	5,334	0	0
RAIN THERAPEUTICS INC	COM	75082Q105	62	4,139	SH	SOLE	1	4,139	0	0
RALLYBIO CORP	COM	75120L100	69	3,939	SH	SOLE	1	3,939	0	0
RALPH LAUREN CORP	COM	751212101	1,611	14,507	SH	SOLE	1	14,507	0	0
RAMBUS INC	COM	750917106	1,512	68,119	SH	SOLE	1	68,119	0	0
RANGE RESOURCES CORP	COM	75281A109	3,434	151,730	SH	SOLE	1	151,730	0	0
RANGER OIL CORP A	COM	70788V102	258	9,664	SH	SOLE	1	9,664	0	0
RANPAK HOLDINGS CORP	CL A	75321W103	552	20,585	SH	SOLE	1	20,585	0	0
RAPID MICRO BIOSYSTEMS INC A	CL A	75340L104	81	4,375	SH	SOLE	1	4,375	0	0
RAPID7 INC	COM	753422104	3,439	30,424	SH	SOLE	1	30,424	0	0
RAPT THERAPEUTICS INC	COM	75382E109	362	11,662	SH	SOLE	1	11,662	0	0
RAVEN INDUSTRIES INC	COM	754212108	1,291	22,405	SH	SOLE	1	22,405	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	5,111	55,382	SH	SOLE	1	55,382	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	292	38,936	SH	SOLE	1	38,936	0	0
RAYONIER INC	COM	754907103	8,684	243,383	SH	SOLE	1	243,383	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	37,263	433,493	SH	SOLE	1	433,493	0	0
RBB BANCORP	COM	74930B105	194	7,702	SH	SOLE	1	7,702	0	0
RBC BEARINGS INC	COM	75524B104	3,248	15,307	SH	SOLE	1	15,307	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	313	4,570	SH	SOLE	1	4,570	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	363	11,648	SH	SOLE	1	11,648	0	0
READY CAPITAL CORP	COM	75574U101	523	36,238	SH	SOLE	1	36,238	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	1,270	72,412	SH	SOLE	1	72,412	0	0
REALREAL INC/THE	COM	88339P101	567	43,040	SH	SOLE	1	43,040	0	0
REALTY INCOME CORP	COM	756109104	7,542	116,284	SH	SOLE	1	116,284	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	1,512	15,027	SH	SOLE	1	15,027	0	0
RECURSION PHARMACEUTICALS A	CL A	75629V104	354	15,400	SH	SOLE	1	15,400	0	0
RED RIVER BANCSHARES INC	COM	75686R202	124	2,480	SH	SOLE	1	2,480	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	226	9,784	SH	SOLE	1	9,784	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,729	33,749	SH	SOLE	1	33,749	0	0
REDFIN CORP	COM	75737F108	2,790	55,687	SH	SOLE	1	55,687	0	0
REDWOOD TRUST INC	COM	758075402	915	70,950	SH	SOLE	1	70,950	0	0
REGAL REXNORD CORP	COM	758750103	10,537	70,089	SH	SOLE	1	70,089	0	0
REGENCY CENTERS CORP	COM	758849103	3,086	45,834	SH	SOLE	1	45,834	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	26,259	43,391	SH	SOLE	1	43,391	0	0
REGENXBIO INC	COM	75901B107	1,032	24,612	SH	SOLE	1	24,612	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	254	4,358	SH	SOLE	1	4,358	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	6,076	285,130	SH	SOLE	1	285,130	0	0
REGIS CORP	COM	758932107	52	14,890	SH	SOLE	1	14,890	0	0

REINSURANCE GROUP OF AMERICA	COM	759351604	13,029	117,105	SH	SOLE	1	117,105	0	0
REKOR SYSTEMS INC	COM	759419104	197	17,175	SH	SOLE	1	17,175	0	0
RELAY THERAPEUTICS INC	COM	75943R102	1,036	32,856	SH	SOLE	1	32,856	0	0
RELIANCE STEEL & ALUMINUM	COM	759509102	15,571	109,331	SH	SOLE	1	109,331	0	0
RELIANT BANCORP INC	COM	75956B101	263	8,338	SH	SOLE	1	8,338	0	0
RELMADA THERAPEUTICS INC	COM	75955J402	225	8,568	SH	SOLE	1	8,568	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	11,333	81,296	SH	SOLE	1	81,296	0	0
RENASANT CORP	COM	75970E107	1,253	34,769	SH	SOLE	1	34,769	0	0
RENEO PHARMACEUTICALS INC	COM	75974E103	26	3,452	SH	SOLE	1	3,452	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	1,433	28,540	SH	SOLE	1	28,540	0	0
RENT A CENTER INC	COM	76009N100	2,301	40,942	SH	SOLE	1	40,942	0	0
REPAY HOLDINGS CORP	CL A	76029L100	1,092	47,415	SH	SOLE	1	47,415	0	0
REPLIGEN CORP	COM	759916109	25,585	88,534	SH	SOLE	1	88,534	0	0
REPLIMUNE GROUP INC	COM	76029N106	482	16,276	SH	SOLE	1	16,276	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	261	5,153	SH	SOLE	1	5,153	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	75	24,474	SH	SOLE	1	24,474	0	0
REPUBLIC SERVICES INC	COM	760759100	7,534	62,748	SH	SOLE	1	62,748	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	2,249	90,720	SH	SOLE	1	90,720	0	0
RESMED INC	COM	761152107	13,696	51,966	SH	SOLE	1	51,966	0	0
RESOURCES CONNECTION INC	COM	76122Q105	312	19,746	SH	SOLE	1	19,746	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	1,303	74,820	SH	SOLE	1	74,820	0	0
RETAIL PROPERTIES OF AME A	COM	76131V202	1,735	134,675	SH	SOLE	1	134,675	0	0
RETAIL VALUE INC	COM	76133Q102	251	9,546	SH	SOLE	1	9,546	0	0
RETRACTABLE TECHNOLOGIES INC	COM	76129W105	105	9,489	SH	SOLE	1	9,489	0	0
REV GROUP INC	COM	749527107	267	15,583	SH	SOLE	1	15,583	0	0
REVANCE THERAPEUTICS INC	COM	761330109	1,070	38,420	SH	SOLE	1	38,420	0	0
REVLON INC CLASS A	COM	761525609	39	3,879	SH	SOLE	1	3,879	0	0
REVOLUTION MEDICINES INC	COM	76155X100	894	32,509	SH	SOLE	1	32,509	0	0
REVOLVE GROUP INC	CL A	76156B107	1,214	19,657	SH	SOLE	1	19,657	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	266	3,329	SH	SOLE	1	3,329	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	13,462	237,222	SH	SOLE	1	237,222	0	0
REYNOLDS CONSUMER PRODUCTS I	COM	76171L106	17	605	SH	SOLE	1	605	0	0
RH	COM	74967X103	19,663	29,484	SH	SOLE	1	29,484	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	315	24,111	SH	SOLE	1	24,111	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	230	38,497	SH	SOLE	1	38,497	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	339	93,515	SH	SOLE	1	93,515	0	0
RILEY EXPLORATION PERMIAN IN	COM	76665T102	32	1,369	SH	SOLE	1	1,369	0	0
RIMINI STREET INC	COM	76674Q107	232	24,001	SH	SOLE	1	24,001	0	0

RINGCENTRAL INC CLASS A	COM	76680R206	343	1,578	SH	SOLE	1	1,578	0	0
RIOT BLOCKCHAIN INC	COM	767292105	1,186	46,149	SH	SOLE	1	46,149	0	0
RITE AID CORP	COM	767754872	427	30,093	SH	SOLE	1	30,093	0	0
RLI CORP	COM	749607107	9,025	90,007	SH	SOLE	1	90,007	0	0
RLJ LODGING TRUST	COM	74965L101	1,346	90,547	SH	SOLE	1	90,547	0	0
RLX TECHNOLOGY INC ADR	SPONS ADS	74969N103	35	7,798	SH	SOLE	1	7,798	0	0
RMR GROUP INC/THE A	COM	74967R106	279	8,353	SH	SOLE	1	8,353	0	0
ROBERT HALF INTL INC	COM	770323103	3,435	34,234	SH	SOLE	1	34,234	0	0
ROBLOX CORP	CL A	771049103	3,429	45,386	SH	SOLE	2	45,386	0	0
ROCKET COS INC CLASS A	CL A	77311W101	44	2,712	SH	SOLE	1	2,712	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	666	22,277	SH	SOLE	1	22,277	0	0
ROCKWELL AUTOMATION INC	COM	773903109	11,189	38,054	SH	SOLE	1	38,054	0	0
ROCKY BRANDS INC	COM	774515100	179	3,750	SH	SOLE	1	3,750	0	0
ROGERS CORP	COM	775133101	2,191	11,747	SH	SOLE	1	11,747	0	0
ROKU INC	COM	77543R102	717	2,287	SH	SOLE	1	2,287	0	0
ROLLINS INC	COM	775711104	2,500	70,765	SH	SOLE	1	70,765	0	0
ROMEO POWER INC	COM	776153108	341	68,937	SH	SOLE	1	68,937	0	0
ROPER TECHNOLOGIES INC	COM	776696106	14,401	32,279	SH	SOLE	1	32,279	0	0
ROSS STORES INC	COM	778296103	14,473	132,959	SH	SOLE	1	132,959	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	5,949	66,876	SH	SOLE	1	66,876	0	0
ROYAL GOLD INC	COM	780287108	10,789	112,989	SH	SOLE	1	112,989	0	0
ROYALTY PHARMA PLC CL A	CL A	G7709Q104	190	5,259	SH	SOLE	1	5,259	0	0
RPC INC	COM	749660106	207	42,694	SH	SOLE	1	42,694	0	0
RPM INTERNATIONAL INC	COM	749685103	17,402	224,111	SH	SOLE	1	224,111	0	0
RPT REALTY	COM	74971D101	646	50,652	SH	SOLE	1	50,652	0	0
RR DONNELLEY & SONS CO	COM	257867200	199	38,784	SH	SOLE	1	38,784	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	449	25,138	SH	SOLE	1	25,138	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	164	3,593	SH	SOLE	1	3,593	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	1,044	23,121	SH	SOLE	1	23,121	0	0
RUSH STREET INTERACTIVE INC	COM	782011100	567	29,503	SH	SOLE	1	29,503	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	435	20,994	SH	SOLE	1	20,994	0	0
RXSIGHT INC	COM	78349D107	58	4,556	SH	SOLE	1	4,556	0	0
RYDER SYSTEM INC	COM	783549108	7,658	92,593	SH	SOLE	1	92,593	0	0
RYERSON HOLDING CORP	COM	783754104	200	8,994	SH	SOLE	1	8,994	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	2,464	29,444	SH	SOLE	1	29,444	0	0
S & T BANCORP INC	COM	783859101	718	24,374	SH	SOLE	1	24,374	0	0
S&P GLOBAL INC	COM	78409V104	38,416	90,413	SH	SOLE	1	90,413	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	7,339	498,584	SH	SOLE	1	498,584	0	0
SABRE CORP	COM	78573M104	6,611	558,327	SH	SOLE	1	558,327	0	0
SAFE BULKERS INC	COM	Y7388L103	176	34,069	SH	SOLE	1	34,069	0	0
SAFEHOLD INC	COM	78645L100	781	10,865	SH	SOLE	1	10,865	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	718	9,066	SH	SOLE	1	9,066	0	0
SAGE THERAPEUTICS	COM	78667J108	25	572	SH	SOLE	1	572	0	0

INC											
SAIA INC	COM	78709Y105	14,183	59,585	SH	SOLE	1	59,585	0	0	
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	8,967	209,120	SH	SOLE	1	209,120	0	0	
SALESFORCE.COM INC	COM	79466L302	90,532	333,794	SH	SOLE	1	333,794	0	0	
SALLY BEAUTY HOLDINGS INC	COM	79546E104	1,192	70,766	SH	SOLE	1	70,766	0	0	
SANA BIOTECHNOLOGY INC	COM	799566104	1,064	47,256	SH	SOLE	1	47,256	0	0	
SANDERSON FARMS INC	COM	800013104	8,924	47,420	SH	SOLE	1	47,420	0	0	
SANDY SPRING BANCORP INC	COM	800363103	1,163	25,390	SH	SOLE	1	25,390	0	0	
SANGAMO THERAPEUTICS INC	COM	800677106	586	64,989	SH	SOLE	1	64,989	0	0	
SANMINA CORP	COM	801056102	1,556	40,385	SH	SOLE	1	40,385	0	0	
SANTANDER CONSUMER USA HOLDI	COM	80283M101	28	671	SH	SOLE	1	671	0	0	
SAPIENS INTERNATIONAL CORP	V SHS	G7T16G103	487	16,931	SH	SOLE	1	16,931	0	0	
SAREPTA THERAPEUTICS INC	COM	803607100	139	1,499	SH	SOLE	1	1,499	0	0	
SAUL CENTERS INC	COM	804395101	331	7,518	SH	SOLE	1	7,518	0	0	
SBA COMMUNICATIONS CORP	COM	78410G104	11,532	34,886	SH	SOLE	1	34,886	0	0	
SCANSOURCE INC	COM	806037107	550	15,818	SH	SOLE	1	15,818	0	0	
SCHLUMBERGER LTD	COM	806857108	14,089	475,321	SH	SOLE	1	475,321	0	0	
SCHNEIDER NATIONAL INC CL B	COM	80689H102	13	577	SH	SOLE	1	577	0	0	
SCHNITZER STEEL INDS INC A	COM	806882106	622	14,189	SH	SOLE	1	14,189	0	0	
SCHOLAR ROCK HOLDING CORP	COM	80706P103	500	15,141	SH	SOLE	1	15,141	0	0	
SCHOLASTIC CORP	COM	807066105	602	16,878	SH	SOLE	1	16,878	0	0	
SCHRODINGER INC	COM	80810D103	1,356	24,804	SH	SOLE	1	24,804	0	0	
SCHWAB (CHARLES) CORP	COM	808513105	37,130	509,754	SH	SOLE	1	509,754	0	0	
SCHWEITZER MAUDUIT INTL INC	COM	808541106	681	19,662	SH	SOLE	1	19,662	0	0	
SCIENCE APPLICATIONS INTE	COM	808625107	8,540	99,818	SH	SOLE	1	99,818	0	0	
SCIENTIFIC GAMES CORP	COM	80874P109	18,071	217,539	SH	SOLE	1	217,539	0	0	
SCORPIO TANKERS INC	COM	Y7542C130	495	26,697	SH	SOLE	1	26,697	0	0	
SCOTTS MIRACLE GRO CO	COM	810186106	10,319	70,507	SH	SOLE	1	70,507	0	0	
SCULPTOR CAPITAL MANAGEMENT	COM	811246107	334	11,972	SH	SOLE	1	11,972	0	0	
SEA LTD ADR	SPONS ADS	81141R100	3,110	9,757	SH	SOLE	1	9,757	0	0	
SEABOARD CORP	COM	811543107	12	3	SH	SOLE	1	3	0	0	
SEACOAST BANKING CORP/FL	COM	811707801	1,161	34,331	SH	SOLE	1	34,331	0	0	
SEAGATE TECHNOLOGY HOLDINGS	ORD SHS	G7997R103	6,652	80,607	SH	SOLE	1	80,607	0	0	
SEAGEN INC	COM	81181C104	2,359	13,895	SH	SOLE	1	13,895	0	0	
SEALED AIR CORP	COM	81211K100	2,523	46,051	SH	SOLE	1	46,051	0	0	
SEASPINE HOLDINGS CORP	COM	81255T108	273	17,379	SH	SOLE	1	17,379	0	0	
SEAWORLD ENTERTAINMENT INC	COM	81282V100	1,560	28,195	SH	SOLE	1	28,195	0	0	
SECUREWORKS CORP A	COM	81374A105	109	5,463	SH	SOLE	1	5,463	0	0	
SEELOS THERAPEUTICS INC	COM	81577F109	130	53,768	SH	SOLE	1	53,768	0	0	
SEER INC	CL A	81578P106	786	22,777	SH	SOLE	1	22,777	0	0	

SEI INVESTMENTS COMPANY	COM	784117103	10,951	184,666	SH	SOLE	1	184,666	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	175	33,765	SH	SOLE	1	33,765	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	2,496	69,016	SH	SOLE	1	69,016	0	0
SELECTA BIOSCIENCES INC	COM	816212104	207	49,703	SH	SOLE	1	49,703	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	10,225	135,382	SH	SOLE	1	135,382	0	0
SELECTQUOTE INC	COM	816307300	1,077	83,327	SH	SOLE	1	83,327	0	0
SEMPRA ENERGY	COM	816851109	11,613	91,801	SH	SOLE	1	91,801	0	0
SEMTECH CORP	COM	816850101	11,423	146,500	SH	SOLE	1	146,500	0	0
SENECA FOODS CORP CL A	CL A	817070501	192	3,980	SH	SOLE	1	3,980	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	95	1,733	SH	SOLE	1	1,733	0	0
SENSEI BIOTHERAPEUTICS INC	COM	81728A108	120	11,437	SH	SOLE	1	11,437	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	802	236,577	SH	SOLE	1	236,577	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	8,679	95,286	SH	SOLE	1	95,286	0	0
SERA PROGNOSTICS INC A	COM	81749D107	29	2,589	SH	SOLE	1	2,589	0	0
SERES THERAPEUTICS INC	COM	81750R102	265	38,094	SH	SOLE	1	38,094	0	0
SERITAGE GROWTH PROP A REIT	COM	81752R100	303	20,445	SH	SOLE	1	20,445	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	17,389	288,564	SH	SOLE	1	288,564	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	1,155	103,075	SH	SOLE	1	103,075	0	0
SERVICENOW INC	COM	81762P102	45,818	73,631	SH	SOLE	1	73,631	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	2,431	31,246	SH	SOLE	1	31,246	0	0
SESEN BIO INC	COM	817763105	86	108,271	SH	SOLE	1	108,271	0	0
SFL CORP LTD	SHS	G7738W106	480	57,225	SH	SOLE	1	57,225	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,854	23,629	SH	SOLE	1	23,629	0	0
SHARPS COMPLIANCE CORP	COM	820017101	66	8,002	SH	SOLE	1	8,002	0	0
SHATTUCK LABS INC	COM	82024L103	297	14,560	SH	SOLE	1	14,560	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	962	30,465	SH	SOLE	1	30,465	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	21,760	77,790	SH	SOLE	1	77,790	0	0
SHIFT TECHNOLOGIES INC	CL A	82452T107	236	33,971	SH	SOLE	1	33,971	0	0
SHIFT4 PAYMENTS INC CLASS A	CL A	82452J109	65	844	SH	SOLE	1	844	0	0
SHOALS TECHNOLOGIES GROUP A	CL A	82489W107	32	1,138	SH	SOLE	1	1,138	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	3,802	18,469	SH	SOLE	1	18,469	0	0
SHOE CARNIVAL INC	COM	824889109	359	11,076	SH	SOLE	1	11,076	0	0
SHOTSPOTTER INC	COM	82536T107	169	4,639	SH	SOLE	1	4,639	0	0
SHUTTERSTOCK INC	COM	825690100	1,665	14,690	SH	SOLE	1	14,690	0	0
SHYFT GROUP INC/THE	COM	825698103	720	18,948	SH	SOLE	1	18,948	0	0
SI BONE INC	COM	825704109	382	17,820	SH	SOLE	1	17,820	0	0
SIENTRA INC	COM	82621J105	180	31,449	SH	SOLE	1	31,449	0	0
SIERRA BANCORP	COM	82620P102	187	7,686	SH	SOLE	1	7,686	0	0
SIGA TECHNOLOGIES	COM	826917106	198	26,749	SH	SOLE	1	26,749	0	0

INC											
SIGHT SCIENCES INC	COM	82657M105	138	6,099	SH	SOLE	1	6,099	0	0	
SIGILON THERAPEUTICS INC	COM	82657L107	47	8,321	SH	SOLE	1	8,321	0	0	
SIGNATURE BANK	COM	82669G104	28,431	104,417	SH	SOLE	1	104,417	0	0	
SIGNET JEWELERS LTD	COM	G81276100	2,588	32,771	SH	SOLE	1	32,771	0	0	
SIGNIFY HEALTH INC CLASS A	CL A	82671G100	13	702	SH	SOLE	1	702	0	0	
SILGAN HOLDINGS INC	COM	827048109	5,543	144,510	SH	SOLE	1	144,510	0	0	
SILICON LABORATORIES INC	COM	826919102	13,148	93,807	SH	SOLE	1	93,807	0	0	
SILK ROAD MEDICAL INC	COM	82710M100	1,022	18,566	SH	SOLE	1	18,566	0	0	
SILVERBACK THERAPEUTICS INC	COM	82835W108	112	11,224	SH	SOLE	1	11,224	0	0	
SILVERGATE CAPITAL CORP CL A	CL A	82837P408	1,547	13,392	SH	SOLE	1	13,392	0	0	
SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,995	67,486	SH	SOLE	1	67,486	0	0	
SIMON PROPERTY GROUP INC	COM	828806109	13,064	100,515	SH	SOLE	1	100,515	0	0	
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,841	53,368	SH	SOLE	1	53,368	0	0	
SIMPSON MANUFACTURING CO INC	COM	829073105	10,502	98,179	SH	SOLE	1	98,179	0	0	
SIMULATIONS PLUS INC	COM	829214105	381	9,633	SH	SOLE	1	9,633	0	0	
SINCLAIR BROADCAST GROUP A	COM	829226109	796	25,142	SH	SOLE	1	25,142	0	0	
SINGULAR GENOMICS SYSTEMS IN	COM	82933R100	73	6,479	SH	SOLE	1	6,479	0	0	
SIRIUS XM HOLDINGS INC	COM	82968B103	1,609	263,760	SH	SOLE	1	263,760	0	0	
SIRIUSPOINT LTD	COM	G8192H106	514	55,486	SH	SOLE	1	55,486	0	0	
SITE CENTERS CORP	COM	82981J109	1,687	109,253	SH	SOLE	1	109,253	0	0	
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	137	686	SH	SOLE	1	686	0	0	
SITIME CORP	COM	82982T106	1,455	7,127	SH	SOLE	1	7,127	0	0	
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	5,667	133,352	SH	SOLE	1	133,352	0	0	
SJW GROUP	COM	784305104	1,001	15,149	SH	SOLE	1	15,149	0	0	
SKECHERS USA INC CL A	CL A	830566105	9,789	232,409	SH	SOLE	1	232,409	0	0	
SKILLZ INC	COM	83067L109	57	5,782	SH	SOLE	1	5,782	0	0	
SKYLINE CHAMPION CORP	COM	830830105	1,727	28,759	SH	SOLE	1	28,759	0	0	
SKYWATER TECHNOLOGY INC	COM	83089J108	120	4,421	SH	SOLE	1	4,421	0	0	
SKYWEST INC	COM	830879102	1,545	31,306	SH	SOLE	1	31,306	0	0	
SKYWORKS SOLUTIONS INC	COM	83088M102	10,026	60,846	SH	SOLE	1	60,846	0	0	
SL GREEN REALTY CORP	COM	78440X804	8,193	115,660	SH	SOLE	1	115,660	0	0	
SLEEP NUMBER CORP	COM	83125X103	1,360	14,544	SH	SOLE	1	14,544	0	0	
SLM CORP	COM	78442P106	9,269	526,659	SH	SOLE	1	526,659	0	0	
SM ENERGY CO	COM	78454L100	1,989	75,406	SH	SOLE	1	75,406	0	0	
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	509	11,441	SH	SOLE	1	11,441	0	0	
SMARTFINANCIAL INC	COM	83190L208	196	7,577	SH	SOLE	1	7,577	0	0	
SMARTSHEET INC CLASS A	COM	83200N103	162	2,359	SH	SOLE	1	2,359	0	0	
SMITH (A.O.) CORP	COM	831865209	2,429	39,766	SH	SOLE	1	39,766	0	0	
SMITH & WESSON BRANDS INC	COM	831754106	545	26,238	SH	SOLE	1	26,238	0	0	



SMITH MICRO SOFTWARE INC	COM	832154207	122	25,213	SH	SOLE	1	25,213	0	0
SNAP ON INC	COM	833034101	3,366	16,109	SH	SOLE	1	16,109	0	0
SNAP ONE HOLDINGS CORP	COM	83303Y105	121	7,268	SH	SOLE	1	7,268	0	0
SOC TELEMED INC	CL A	78472F101	75	33,242	SH	SOLE	1	33,242	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	23,721	89,439	SH	SOLE	1	89,439	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	143	17,119	SH	SOLE	1	17,119	0	0
SOLARWINDS CORP	COM	83417Q204	7	389	SH	SOLE	1	389	0	0
SOLID BIOSCIENCES INC	COM	83422E105	78	32,635	SH	SOLE	1	32,635	0	0
SOLITON INC	COM	834251100	130	6,382	SH	SOLE	1	6,382	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	718	13,672	SH	SOLE	1	13,672	0	0
SONOCO PRODUCTS CO	COM	835495102	10,089	169,334	SH	SOLE	1	169,334	0	0
SONOS INC	COM	83570H108	2,130	65,824	SH	SOLE	1	65,824	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	1,160	152,061	SH	SOLE	1	152,061	0	0
SOTERA HEALTH CO	COM	83601L102	51	1,952	SH	SOLE	1	1,952	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	1,391	65,419	SH	SOLE	1	65,419	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	142	5,815	SH	SOLE	1	5,815	0	0
SOUTHERN CO/THE	COM	842587107	18,864	304,398	SH	SOLE	1	304,398	0	0
SOUTHERN COPPER CORP	COM	84265V105	69	1,232	SH	SOLE	1	1,232	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	218	4,075	SH	SOLE	1	4,075	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	190	4,231	SH	SOLE	1	4,231	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	753	19,678	SH	SOLE	1	19,678	0	0
SOUTHSTATE CORP	COM	840441109	2,855	38,238	SH	SOLE	1	38,238	0	0
SOUTHWEST AIRLINES CO	COM	844741108	13,000	252,763	SH	SOLE	1	252,763	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	8,927	133,484	SH	SOLE	1	133,484	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	2,356	425,309	SH	SOLE	1	425,309	0	0
SP PLUS CORP	COM	78469C103	388	12,664	SH	SOLE	1	12,664	0	0
SPARTANNASH CO	COM	847215100	493	22,504	SH	SOLE	1	22,504	0	0
SPDR PORTFOLIO S&P 500 GROWTH	PRTFLO S&P500 GW	78464A409	22,111	345,374	SH	SOLE	1	345,374	0	0
SPDR S&P MIDCAP 400 ETF TRUST	UTSER1 S&PD CRP	78467Y107	15,148	31,500	SH	SOLE	1	31,500	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	45	466	SH	SOLE	1	466	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	223	102,407	SH	SOLE	1	102,407	0	0
SPERO THERAPEUTICS INC	COM	84833T103	244	13,245	SH	SOLE	1	13,245	0	0
SPIRE INC	COM	84857L101	7,109	116,193	SH	SOLE	1	116,193	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	63	1,426	SH	SOLE	1	1,426	0	0
SPIRIT AIRLINES INC	COM	848577102	1,396	53,827	SH	SOLE	1	53,827	0	0
SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	170	7,012	SH	SOLE	1	7,012	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	9,444	205,121	SH	SOLE	1	205,121	0	0
SPLUNK INC	COM	848637104	1,952	13,486	SH	SOLE	1	13,486	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	419	23,827	SH	SOLE	1	23,827	0	0

SPOTIFY TECHNOLOGY SA	COM	L8681T102	605	2,684	SH	SOLE	1	2,684	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	1,014	15,980	SH	SOLE	1	15,980	0	0
SPROUT SOCIAL INC CLASS A	CL A	85209W109	2,986	24,488	SH	SOLE	1	24,488	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	5,983	258,208	SH	SOLE	1	258,208	0	0
SPRUCE BIOSCIENCES INC	COM	85209E109	29	4,753	SH	SOLE	1	4,753	0	0
SPS COMMERCE INC	COM	78463M107	3,650	22,626	SH	SOLE	1	22,626	0	0
SPX CORP	COM	784635104	1,478	27,644	SH	SOLE	1	27,644	0	0
SPX FLOW INC	COM	78469X107	1,907	26,093	SH	SOLE	1	26,093	0	0
SQZ BIOTECHNOLOGIES CO	COM	78472W104	180	12,460	SH	SOLE	1	12,460	0	0
SS&C TECHNOLOGIES HOLDINGS	COM	78467J100	173	2,497	SH	SOLE	1	2,497	0	0
ST JOE CO/THE	COM	790148100	879	20,887	SH	SOLE	1	20,887	0	0
STAAR SURGICAL CO	COM	852312305	13,767	107,110	SH	SOLE	1	107,110	0	0
STAG INDUSTRIAL INC	COM	85254J102	3,509	89,393	SH	SOLE	1	89,393	0	0
STAGWELL INC	CL A	85256A109	259	33,755	SH	SOLE	1	33,755	0	0
STAMPS.COM INC	COM	852857200	3,697	11,211	SH	SOLE	1	11,211	0	0
STANDARD MOTOR PRODS	COM	853666105	568	12,997	SH	SOLE	1	12,997	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	751	7,596	SH	SOLE	1	7,596	0	0
STANLEY BLACK & DECKER INC	COM	854502101	9,190	52,422	SH	SOLE	1	52,422	0	0
STARBUCKS CORP	COM	855244109	52,963	480,129	SH	SOLE	1	480,129	0	0
STARTEK INC	COM	85569C107	51	9,213	SH	SOLE	1	9,213	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	75	3,055	SH	SOLE	1	3,055	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	492	9,666	SH	SOLE	1	9,666	0	0
STATE STREET CORP	COM	857477103	11,374	134,257	SH	SOLE	1	134,257	0	0
STEEL DYNAMICS INC	COM	858119100	19,548	334,262	SH	SOLE	1	334,262	0	0
STEELCASE INC CL A	CL A	858155203	615	48,525	SH	SOLE	1	48,525	0	0
STEM INC	COM	85859N102	634	26,534	SH	SOLE	1	26,534	0	0
STEPAN CO	COM	858586100	1,526	13,513	SH	SOLE	1	13,513	0	0
STEPSTONE GROUP INC CLASS A	CL A	85914M107	944	22,137	SH	SOLE	1	22,137	0	0
STEREOTAXIS INC	COM	85916J409	146	27,164	SH	SOLE	1	27,164	0	0
STERICYCLE INC	COM	858912108	10,752	158,189	SH	SOLE	1	158,189	0	0
STERIS PLC	COM	G8473T100	6,961	34,076	SH	SOLE	1	34,076	0	0
STERLING BANCORP/DE	COM	85917A100	8,286	331,975	SH	SOLE	1	331,975	0	0
STERLING CONSTRUCTION CO	COM	859241101	345	15,228	SH	SOLE	1	15,228	0	0
STEVEN MADDEN LTD	COM	556269108	2,052	51,086	SH	SOLE	1	51,086	0	0
STEWART INFORMATION SERVICES	COM	860372101	1,061	16,767	SH	SOLE	1	16,767	0	0
STIFEL FINANCIAL CORP	COM	860630102	12,263	180,438	SH	SOLE	1	180,438	0	0
STITCH FIX INC CLASS A	COM	860897107	1,292	32,343	SH	SOLE	1	32,343	0	0
STOCK YARDS BANCORP INC	COM	861025104	773	13,186	SH	SOLE	1	13,186	0	0
STOKE THERAPEUTICS INC	COM	86150R107	266	10,448	SH	SOLE	1	10,448	0	0
STONECO LTD A	CL A	G85158106	146	4,213	SH	SOLE	1	4,213	0	0
STONEMOR INC	COM	86184W106	43	17,609	SH	SOLE	1	17,609	0	0
STONERIDGE INC	COM	86183P102	291	14,280	SH	SOLE	1	14,280	0	0
STONEX GROUP INC	COM	861896108	695	10,540	SH	SOLE	1	10,540	0	0
STORE CAPITAL CORP	COM	862121100	13,488	421,114	SH	SOLE	1	421,114	0	0

STRATEGIC EDUCATION INC	COM	86272C103	1,069	15,164	SH	SOLE	1	15,164	0	0
STRIDE INC	COM	86333M108	793	22,052	SH	SOLE	1	22,052	0	0
STRYKER CORP	COM	863667101	30,981	117,477	SH	SOLE	1	117,477	0	0
STURM RUGER & CO INC	COM	864159108	798	10,815	SH	SOLE	1	10,815	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	153	6,224	SH	SOLE	1	6,224	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	629	65,331	SH	SOLE	1	65,331	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	2,078	65,004	SH	SOLE	1	65,004	0	0
SUMMIT THERAPEUTICS INC	COM	86627T108	72	14,426	SH	SOLE	1	14,426	0	0
SUMO LOGIC INC	COM	86646P103	757	46,958	SH	SOLE	1	46,958	0	0
SUN COMMUNITIES INC	COM	866674104	236	1,276	SH	SOLE	1	1,276	0	0
SUN COUNTRY AIRLINES HOLDING	COM	866683105	318	9,491	SH	SOLE	1	9,491	0	0
SUNCOKE ENERGY INC	COM	86722A103	328	52,172	SH	SOLE	1	52,172	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	1,552	47,108	SH	SOLE	1	47,108	0	0
SUNPOWER CORP	COM	867652406	993	43,782	SH	SOLE	1	43,782	0	0
SUNRUN INC	COM	86771W105	15,602	354,591	SH	SOLE	1	354,591	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,423	119,191	SH	SOLE	1	119,191	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	864	23,629	SH	SOLE	1	23,629	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	150	6,427	SH	SOLE	1	6,427	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	831	31,151	SH	SOLE	1	31,151	0	0
SURFACE ONCOLOGY INC	COM	86877M209	144	19,060	SH	SOLE	1	19,060	0	0
SURGERY PARTNERS INC	COM	86881A100	735	17,349	SH	SOLE	1	17,349	0	0
SURMODICS INC	COM	868873100	473	8,516	SH	SOLE	1	8,516	0	0
SUTRO BIOPHARMA INC	COM	869367102	448	23,732	SH	SOLE	1	23,732	0	0
SVB FINANCIAL GROUP	COM	78486Q101	11,548	17,852	SH	SOLE	1	17,852	0	0
SWITCH INC A	COM	87105L104	57	2,251	SH	SOLE	1	2,251	0	0
SYNAPTICS INC	COM	87157D109	14,298	79,552	SH	SOLE	1	79,552	0	0
SYNCHRONY FINANCIAL	COM	87165B103	8,359	171,017	SH	SOLE	1	171,017	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	470	24,610	SH	SOLE	1	24,610	0	0
SYNEOS HEALTH INC	COM	87166B102	15,599	178,313	SH	SOLE	1	178,313	0	0
SYNNEX CORP	COM	87162W100	7,449	71,557	SH	SOLE	1	71,557	0	0
SYNOPSYS INC	COM	871607107	21,954	73,324	SH	SOLE	1	73,324	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	11,073	252,291	SH	SOLE	1	252,291	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	141	31,509	SH	SOLE	1	31,509	0	0
SYSCO CORP	COM	871829107	11,545	147,072	SH	SOLE	1	147,072	0	0
T MOBILE US INC	COM	872590104	31,845	249,260	SH	SOLE	1	249,260	0	0
T ROWE PRICE GROUP INC	COM	74144T108	16,212	82,422	SH	SOLE	1	82,422	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	371	14,145	SH	SOLE	1	14,145	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	537	12,081	SH	SOLE	1	12,081	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	6,786	44,042	SH	SOLE	1	44,042	0	0

TAL EDUCATION GROUP ADR	ADR	874080104	26	5,319	SH	SOLE	1	5,319	0	0
TALARIS THERAPEUTICS INC	COM	87410C104	68	5,028	SH	SOLE	1	5,028	0	0
TALIS BIOMEDICAL CORP	COM	87424L108	49	7,907	SH	SOLE	1	7,907	0	0
TALOS ENERGY INC	COM	87484T108	323	23,467	SH	SOLE	1	23,467	0	0
TANDEM DIABETES CARE INC	COM	875372203	13,014	109,016	SH	SOLE	1	109,016	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	1,049	64,344	SH	SOLE	1	64,344	0	0
TAPESTRY INC	COM	876030107	3,092	83,513	SH	SOLE	1	83,513	0	0
TARGA RESOURCES CORP	COM	87612G101	19,377	393,759	SH	SOLE	1	393,759	0	0
TARGET CORP	COM	87612E106	37,634	164,507	SH	SOLE	1	164,507	0	0
TARGET HOSPITALITY CORP	COM	87615L107	51	13,649	SH	SOLE	1	13,649	0	0
TARSUS PHARMACEUTICALS INC	COM	87650L103	99	4,614	SH	SOLE	1	4,614	0	0
TATTOOED CHEF INC	CL A	87663X102	477	25,856	SH	SOLE	1	25,856	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	7,248	281,160	SH	SOLE	1	281,160	0	0
TAYSHA GENE THERAPIES INC	COM	877619106	227	12,184	SH	SOLE	1	12,184	0	0
TCR2 THERAPEUTICS INC	COM	87808K106	142	16,695	SH	SOLE	1	16,695	0	0
TE CONNECTIVITY LTD	COM	H84989104	13,893	101,248	SH	SOLE	1	101,248	0	0
TEAM INC	COM	878155100	43	14,425	SH	SOLE	1	14,425	0	0
TECHTARGET	COM	87874R100	1,319	16,001	SH	SOLE	1	16,001	0	0
TEEKAY CORP	COM	Y8564W103	139	38,014	SH	SOLE	1	38,014	0	0
TEEKAY TANKERS LTD CLASS A	CL A	Y8565N300	190	13,053	SH	SOLE	1	13,053	0	0
TEGNA INC	COM	87901J105	9,848	499,372	SH	SOLE	1	499,372	0	0
TEJON RANCH CO	COM	879080109	203	11,407	SH	SOLE	1	11,407	0	0
TELADOC HEALTH INC	COM	87918A105	213	1,683	SH	SOLE	1	1,683	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	6,035	14,049	SH	SOLE	1	14,049	0	0
TELEFLEX INC	COM	879369106	6,208	16,486	SH	SOLE	1	16,486	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	4,377	224,454	SH	SOLE	1	224,454	0	0
TELLURIAN INC	COM	87968A104	771	197,145	SH	SOLE	1	197,145	0	0
TELOS CORPORATION	COM	87969B101	621	21,853	SH	SOLE	1	21,853	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	15,770	339,797	SH	SOLE	1	339,797	0	0
TENABLE HOLDINGS INC	COM	88025T102	2,292	49,667	SH	SOLE	1	49,667	0	0
TENAYA THERAPEUTICS INC	COM	87990A106	157	7,623	SH	SOLE	1	7,623	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	65	8,901	SH	SOLE	1	8,901	0	0
TENET HEALTHCARE CORP	COM	88033G407	16,033	241,316	SH	SOLE	1	241,316	0	0
TENNANT CO	COM	880345103	858	11,604	SH	SOLE	1	11,604	0	0
TENNECO INC CLASS A	COM	880349105	531	37,241	SH	SOLE	1	37,241	0	0
TERADATA CORP	COM	88076W103	10,821	188,681	SH	SOLE	1	188,681	0	0
TERADYNE INC	COM	880770102	5,644	51,696	SH	SOLE	1	51,696	0	0
TEREX CORP	COM	880779103	6,605	156,893	SH	SOLE	1	156,893	0	0
TERMINIX GLOBAL HOLDINGS INC	COM	88087E100	58	1,390	SH	SOLE	1	1,390	0	0
TERNS PHARMACEUTICALS INC	COM	880881107	78	7,507	SH	SOLE	1	7,507	0	0
TERRENO REALTY CORP	COM	88146M101	2,406	38,055	SH	SOLE	1	38,055	0	0

TESLA INC	COM	88160R101	224,304	289,245	SH	SOLE	1	289,245	0	0
TETRA TECH INC	COM	88162G103	18,225	122,040	SH	SOLE	1	122,040	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	210	67,172	SH	SOLE	1	67,172	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,522	156,222	SH	SOLE	1	156,222	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	6,863	114,340	SH	SOLE	1	114,340	0	0
TEXAS INSTRUMENTS INC	COM	882508104	72,560	377,503	SH	SOLE	1	377,503	0	0
TEXAS PACIFIC LAND CORP	COM	88262P102	140	116	SH	SOLE	1	116	0	0
TEXAS ROADHOUSE INC	COM	882681109	14,412	157,806	SH	SOLE	1	157,806	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	916	26,236	SH	SOLE	1	26,236	0	0
TEXTRON INC	COM	883203101	4,674	66,951	SH	SOLE	1	66,951	0	0
TFS FINANCIAL CORP	COM	87240R107	10	548	SH	SOLE	1	548	0	0
TG THERAPEUTICS INC	COM	88322Q108	2,335	70,161	SH	SOLE	1	70,161	0	0
THERAPEUTICSMD INC	COM	88338N107	158	213,395	SH	SOLE	1	213,395	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	243	32,840	SH	SOLE	1	32,840	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	77,963	136,459	SH	SOLE	1	136,459	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	312	18,040	SH	SOLE	1	18,040	0	0
THOR INDUSTRIES INC	COM	885160101	11,725	95,513	SH	SOLE	1	95,513	0	0
THRYV HOLDINGS INC	COM	886029206	126	4,193	SH	SOLE	1	4,193	0	0
TIDEWATER INC	COM	88642R109	271	22,461	SH	SOLE	1	22,461	0	0
TIDEWATER INC NEW	COM	88642R109	28,235	2,341,223	SH	SOLE	2	2,341,223	0	0
TILLY S INC CLASS A SHRS	COM	886885102	174	12,406	SH	SOLE	1	12,406	0	0
TIMKEN CO	COM	887389104	7,815	119,457	SH	SOLE	1	119,457	0	0
TIMKENSTEEL CORP	COM	887399103	372	28,438	SH	SOLE	1	28,438	0	0
TIPTREE INC	COM	88822Q103	127	12,674	SH	SOLE	1	12,674	0	0
TITAN INTERNATIONAL INC	COM	88830M102	230	32,064	SH	SOLE	1	32,064	0	0
TITAN MACHINERY INC	COM	88830R101	275	10,605	SH	SOLE	1	10,605	0	0
TIVITY HEALTH INC	COM	88870R102	637	27,635	SH	SOLE	1	27,635	0	0
TJX COMPANIES INC	COM	872540109	25,803	391,073	SH	SOLE	1	391,073	0	0
TOLL BROTHERS INC	COM	889478103	11,062	200,080	SH	SOLE	1	200,080	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	703	8,690	SH	SOLE	1	8,690	0	0
TONIX PHARMACEUTICALS HOLDIN	COM	890260706	119	197,353	SH	SOLE	1	197,353	0	0
TOOTSIE ROLL INDS	COM	890516107	1,169	38,403	SH	SOLE	1	38,403	0	0
TOPBUILD CORP	COM	89055F103	11,665	56,954	SH	SOLE	1	56,954	0	0
TORO CO	COM	891092108	18,046	185,254	SH	SOLE	1	185,254	0	0
TORRID HOLDINGS INC	COM	89142B107	108	6,988	SH	SOLE	1	6,988	0	0
TOWNE BANK	COM	89214P109	1,144	36,766	SH	SOLE	1	36,766	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	407	32,868	SH	SOLE	1	32,868	0	0
TPI COMPOSITES INC	COM	87266J104	669	19,837	SH	SOLE	1	19,837	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	7,258	35,824	SH	SOLE	1	35,824	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	592	8,417	SH	SOLE	1	8,417	0	0
TRADEWEB MARKETS INC CLASS A	CL A	892672106	94	1,169	SH	SOLE	1	1,169	0	0
TRAEGER INC	COM	89269P103	258	12,347	SH	SOLE	1	12,347	0	0
TRANE TECHNOLOGIES PLC	PLC SHS	G8994E103	13,344	77,289	SH	SOLE	1	77,289	0	0

TRANSCAT INC	COM	893529107	250	3,871	SH	SOLE	1	3,871	0	0
TRANSDIGM GROUP INC	COM	893641100	9,959	15,946	SH	SOLE	1	15,946	0	0
TRANSMEDICS GROUP INC	COM	89377M109	469	14,187	SH	SOLE	1	14,187	0	0
TRANSUNION	COM	89400J107	364	3,243	SH	SOLE	1	3,243	0	0
TRAVEL LEISURE CO	COM	894164102	8,130	149,085	SH	SOLE	1	149,085	0	0
TRAVELCENTERS OF AMERICA INC	COM	89421B109	340	6,834	SH	SOLE	1	6,834	0	0
TRAVELERS COS INC/THE	COM	89417E109	13,853	91,134	SH	SOLE	1	91,134	0	0
TRAVERE THERAPEUTICS INC	COM	89422G107	774	31,907	SH	SOLE	1	31,907	0	0
TREACE MEDICAL CONCEPTS INC	COM	89455T109	166	6,171	SH	SOLE	1	6,171	0	0
TREAN INSURANCE GROUP INC	COM	89457R101	100	9,657	SH	SOLE	1	9,657	0	0
TREDEGAR CORP	COM	894650100	200	16,402	SH	SOLE	1	16,402	0	0
TREEHOUSE FOODS INC	COM	89469A104	1,313	32,935	SH	SOLE	1	32,935	0	0
TREVENA INC	COM	89532E109	110	89,507	SH	SOLE	1	89,507	0	0
TREX COMPANY INC	COM	89531P105	20,349	199,639	SH	SOLE	1	199,639	0	0
TRI POINTE HOMES INC	COM	87265H109	5,393	256,564	SH	SOLE	1	256,564	0	0
TRICO BANCSHARES	COM	896095106	655	15,088	SH	SOLE	1	15,088	0	0
TRILLIUM THERAPEUTICS INC	COM	89620X506	955	54,410	SH	SOLE	1	54,410	0	0
TRIMAS CORP	COM	896215209	766	23,658	SH	SOLE	1	23,658	0	0
TRIMBLE INC	COM	896239100	6,305	76,658	SH	SOLE	1	76,658	0	0
TRINET GROUP INC	COM	896288107	2,099	22,190	SH	SOLE	1	22,190	0	0
TRINITY INDUSTRIES INC	COM	896522109	5,050	185,871	SH	SOLE	1	185,871	0	0
TRINSEO SA	COM	L9340P101	1,318	24,422	SH	SOLE	1	24,422	0	0
TRIP.COM GROUP LTD ADR	ADS	89677Q107	1,218	39,607	SH	SOLE	1	39,607	0	0
TRIPADVISOR INC	COM	896945201	5,756	170,046	SH	SOLE	1	170,046	0	0
TRIPLE S MANAGEMENT CORP	COM	896749108	440	12,450	SH	SOLE	1	12,450	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	335	15,840	SH	SOLE	1	15,840	0	0
TRITON INTERNATIONAL LTD	COM	G9078F107	1,901	36,539	SH	SOLE	1	36,539	0	0
TRIUMPH BANCORP INC	COM	89679E300	1,480	14,777	SH	SOLE	1	14,777	0	0
TRIUMPH GROUP INC	COM	896818101	746	40,056	SH	SOLE	1	40,056	0	0
TRONOX HOLDINGS PLC A	COM	G9087Q102	1,547	62,740	SH	SOLE	1	62,740	0	0
TRUEBLUE INC	COM	89785X101	595	21,988	SH	SOLE	1	21,988	0	0
TRUECAR INC	COM	89785L107	217	52,179	SH	SOLE	1	52,179	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	27,954	476,627	SH	SOLE	1	476,627	0	0
TRUPANION INC	COM	898202106	1,837	23,647	SH	SOLE	1	23,647	0	0
TRUSTCO BANK CORP NY	COM	898349204	380	11,888	SH	SOLE	1	11,888	0	0
TRUSTMARK CORP	COM	898402102	1,258	39,046	SH	SOLE	1	39,046	0	0
TTEC HOLDINGS INC	COM	89854H102	1,084	11,590	SH	SOLE	1	11,590	0	0
TTM TECHNOLOGIES	COM	87305R109	846	67,295	SH	SOLE	1	67,295	0	0
TUCOWS INC CLASS A	COM	898697206	421	5,331	SH	SOLE	1	5,331	0	0
TUPPERWARE BRANDS CORP	COM	899896104	658	31,156	SH	SOLE	1	31,156	0	0
TURNING POINT BRANDS INC	COM	90041L105	381	7,974	SH	SOLE	1	7,974	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	1,672	25,167	SH	SOLE	1	25,167	0	0
TURTLE BEACH CORP	COM	900450206	231	8,316	SH	SOLE	1	8,316	0	0
TUSIMPLE HOLDINGS INC A	CL A	90089L108	15	403	SH	SOLE	1	403	0	0

TUTOR PERINI CORP	COM	901109108	293	22,585	SH	SOLE	1	22,585	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	2,764	25,843	SH	SOLE	1	25,843	0	0
TWITTER INC	COM	90184L102	19,709	326,358	SH	SOLE	1	326,358	0	0
TWO HARBORS INVESTMENT CORP	COM	90187B408	1,249	197,025	SH	SOLE	1	197,025	0	0
TYLER TECHNOLOGIES INC	COM	902252105	8,077	17,610	SH	SOLE	1	17,610	0	0
TYSON FOODS INC CL A	CL A	902494103	6,943	87,956	SH	SOLE	1	87,956	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	888	8,032	SH	SOLE	1	8,032	0	0
UBIQUITI INC	COM	90353W103	37	123	SH	SOLE	1	123	0	0
UDR INC	COM	902653104	4,424	83,508	SH	SOLE	1	83,508	0	0
UFP INDUSTRIES INC	COM	90278Q108	2,578	37,926	SH	SOLE	1	37,926	0	0
UFP TECHNOLOGIES INC	COM	902673102	233	3,789	SH	SOLE	1	3,789	0	0
UGI CORP	COM	902681105	15,347	360,100	SH	SOLE	1	360,100	0	0
ULTA BEAUTY INC	COM	90384S303	6,120	16,958	SH	SOLE	1	16,958	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	1,188	27,887	SH	SOLE	1	27,887	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	101	1,125	SH	SOLE	1	1,125	0	0
UMB FINANCIAL CORP	COM	902788108	9,439	97,600	SH	SOLE	1	97,600	0	0
UMH PROPERTIES INC	COM	903002103	532	23,231	SH	SOLE	1	23,231	0	0
UMPQUA HOLDINGS CORP	COM	904214103	7,677	379,117	SH	SOLE	1	379,117	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	1,137	56,331	SH	SOLE	1	56,331	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	1,088	62,120	SH	SOLE	1	62,120	0	0
UNIFI INC	COM	904677200	184	8,375	SH	SOLE	1	8,375	0	0
UNIFIRST CORP/MA	COM	904708104	2,015	9,479	SH	SOLE	1	9,479	0	0
UNION PACIFIC CORP	COM	907818108	41,698	212,732	SH	SOLE	1	212,732	0	0
UNIQUIRE NV	COM	N90064101	92	2,884	SH	SOLE	1	2,884	0	0
UNISYS CORP	COM	909214306	1,039	41,319	SH	SOLE	1	41,319	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	4,597	96,637	SH	SOLE	1	96,637	0	0
UNITED BANKSHARES INC	COM	909907107	10,532	289,489	SH	SOLE	1	289,489	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,792	54,589	SH	SOLE	1	54,589	0	0
UNITED FIRE GROUP INC	COM	910340108	306	13,243	SH	SOLE	1	13,243	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	40	11,127	SH	SOLE	1	11,127	0	0
UNITED NATURAL FOODS INC	COM	911163103	1,698	35,067	SH	SOLE	1	35,067	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	44,983	247,022	SH	SOLE	1	247,022	0	0
UNITED RENTALS INC	COM	911363109	8,029	22,879	SH	SOLE	1	22,879	0	0
UNITED STATES LIME & MINERAL	COM	911922102	137	1,132	SH	SOLE	1	1,132	0	0
UNITED STATES STEEL CORP	COM	912909108	10,220	465,192	SH	SOLE	1	465,192	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	14,269	77,306	SH	SOLE	1	77,306	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	107,086	274,060	SH	SOLE	1	274,060	0	0
UNITI GROUP INC	COM	91325V108	1,549	125,196	SH	SOLE	1	125,196	0	0
UNITIL CORP	COM	913259107	420	9,813	SH	SOLE	1	9,813	0	0
UNITY SOFTWARE INC	COM	91332U101	369	2,923	SH	SOLE	1	2,923	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	7,010	294,301	SH	SOLE	1	294,301	0	0
UNIVERSAL CORP/VA	COM	913456109	735	15,206	SH	SOLE	1	15,206	0	0
UNIVERSAL DISPLAY	COM	91347P105	12,826	75,025	SH	SOLE	1	75,025	0	0

CORP											
UNIVERSAL ELECTRONICS INC	COM	913483103	405	8,229	SH	SOLE	1	8,229	0	0	
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	445	8,054	SH	SOLE	1	8,054	0	0	
UNIVERSAL HEALTH SERVICES B	COM	913903100	3,132	22,634	SH	SOLE	1	22,634	0	0	
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	223	17,097	SH	SOLE	1	17,097	0	0	
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	84	4,192	SH	SOLE	1	4,192	0	0	
UNIVEST FINANCIAL CORP	COM	915271100	434	15,832	SH	SOLE	1	15,832	0	0	
UNUM GROUP	COM	91529Y106	8,821	352,006	SH	SOLE	1	352,006	0	0	
UPLAND SOFTWARE INC	COM	91544A109	529	15,818	SH	SOLE	1	15,818	0	0	
UPSTART HOLDINGS INC	COM	91680M107	280	885	SH	SOLE	1	885	0	0	
UPWORK INC	COM	91688F104	2,908	64,588	SH	SOLE	1	64,588	0	0	
UR ENERGY INC	COM	91688R108	170	99,039	SH	SOLE	1	99,039	0	0	
URANIUM ENERGY CORP	COM	916896103	385	126,317	SH	SOLE	1	126,317	0	0	
URBAN EDGE PROPERTIES	COM	91704F104	4,610	251,794	SH	SOLE	1	251,794	0	0	
URBAN OUTFITTERS INC	COM	917047102	4,462	150,297	SH	SOLE	1	150,297	0	0	
UROGEN PHARMA LTD	COM	M96088105	180	10,676	SH	SOLE	1	10,676	0	0	
URSTADT BIDDLE CLASS A	COM	917286205	354	18,711	SH	SOLE	1	18,711	0	0	
US BANCORP	COM	902973304	29,574	497,552	SH	SOLE	1	497,552	0	0	
US CELLULAR CORP	COM	911684108	270	8,475	SH	SOLE	1	8,475	0	0	
US ECOLOGY INC	COM	91734M103	640	19,771	SH	SOLE	1	19,771	0	0	
US FOODS HOLDING CORP	COM	912008109	85	2,461	SH	SOLE	1	2,461	0	0	
US SILICA HOLDINGS INC	COM	90346E103	369	46,205	SH	SOLE	1	46,205	0	0	
US XPRESS ENTERPRISES INC A	COM	90338N202	127	14,724	SH	SOLE	1	14,724	0	0	
USANA HEALTH SCIENCES INC	COM	90328M107	718	7,788	SH	SOLE	1	7,788	0	0	
UTAH MEDICAL PRODUCTS INC	COM	917488108	174	1,875	SH	SOLE	1	1,875	0	0	
UTZ BRANDS INC	CL A	918090101	537	31,321	SH	SOLE	1	31,321	0	0	
UWM HOLDINGS CORP	CL A	91823B109	10	1,411	SH	SOLE	1	1,411	0	0	
VAIL RESORTS INC	COM	91879Q109	262	784	SH	SOLE	1	784	0	0	
VALERO ENERGY CORP	COM	91913Y100	9,949	140,981	SH	SOLE	1	140,981	0	0	
VALHI INC	COM	918905209	31	1,319	SH	SOLE	1	1,319	0	0	
VALLEY NATIONAL BANCORP	COM	919794107	12,179	915,028	SH	SOLE	1	915,028	0	0	
VALMONT INDUSTRIES	COM	920253101	8,589	36,529	SH	SOLE	1	36,529	0	0	
VALUE LINE INC	COM	920437100	18	537	SH	SOLE	1	537	0	0	
VALVOLINE INC	COM	92047W101	9,707	311,315	SH	SOLE	1	311,315	0	0	
VANDA PHARMACEUTICALS INC	COM	921659108	591	34,458	SH	SOLE	1	34,458	0	0	
VAPOTHERM INC	COM	922107107	277	12,454	SH	SOLE	1	12,454	0	0	
VAREX IMAGING CORP	COM	92214X106	681	24,145	SH	SOLE	1	24,145	0	0	
VARONIS SYSTEMS INC	COM	922280102	3,528	57,973	SH	SOLE	1	57,973	0	0	
VAXART INC	COM	92243A200	520	65,382	SH	SOLE	1	65,382	0	0	
VAXCYTE INC	COM	92243G108	561	22,110	SH	SOLE	1	22,110	0	0	
VBI VACCINES INC	COM	91822J103	317	101,913	SH	SOLE	1	101,913	0	0	
VECTOR GROUP LTD	COM	92240M108	1,136	89,130	SH	SOLE	1	89,130	0	0	
VECTRUS INC	COM	92242T101	317	6,310	SH	SOLE	1	6,310	0	0	
VEECO INSTRUMENTS INC	COM	922417100	695	31,298	SH	SOLE	1	31,298	0	0	



VEEVA SYSTEMS INC CLASS A	COM	922475108	775	2,691	SH	SOLE	1	2,691	0	0
VELOCITY FINANCIAL INC	COM	92262D101	62	4,694	SH	SOLE	1	4,694	0	0
VELODYNE LIDAR INC	COM	92259F101	245	41,365	SH	SOLE	1	41,365	0	0
VENTAS INC	COM	92276F100	6,487	117,495	SH	SOLE	1	117,495	0	0
VERA BRADLEY INC	COM	92335C106	153	16,289	SH	SOLE	1	16,289	0	0
VERA THERAPEUTICS INC	CL A	92337R101	67	3,867	SH	SOLE	1	3,867	0	0
VERACYTE INC	COM	92337F107	1,715	36,929	SH	SOLE	1	36,929	0	0
VERASTEM INC	COM	92337C104	291	94,346	SH	SOLE	1	94,346	0	0
VEREIT INC	COM	92339V308	115	2,549	SH	SOLE	1	2,549	0	0
VERICEL CORP	COM	92346J108	1,424	29,189	SH	SOLE	1	29,189	0	0
VERINT SYSTEMS INC	COM	92343X100	1,580	35,269	SH	SOLE	1	35,269	0	0
VERISIGN INC	COM	92343E102	8,376	40,857	SH	SOLE	1	40,857	0	0
VERISK ANALYTICS INC	COM	92345Y106	14,624	73,021	SH	SOLE	1	73,021	0	0
VERITEX HOLDINGS INC	COM	923451108	1,181	30,012	SH	SOLE	1	30,012	0	0
VERITIV CORP	COM	923454102	821	9,168	SH	SOLE	1	9,168	0	0
VERITONE INC	COM	92347M100	371	15,547	SH	SOLE	1	15,547	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	78,263	1,449,039	SH	SOLE	1	1,449,039	0	0
VERRA MOBILITY CORP	COM	92511U102	1,106	73,396	SH	SOLE	1	73,396	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	90	7,168	SH	SOLE	1	7,168	0	0
VERSO CORP A	COM	92531L207	306	14,766	SH	SOLE	1	14,766	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	19,684	108,518	SH	SOLE	1	108,518	0	0
VERTIV HOLDINGS CO	CL A	92537N108	133	5,522	SH	SOLE	1	5,522	0	0
VERU INC	COM	92536C103	301	35,252	SH	SOLE	1	35,252	0	0
VERVE THERAPEUTICS INC	COM	92539P101	406	8,648	SH	SOLE	1	8,648	0	0
VF CORP	COM	918204108	7,589	113,281	SH	SOLE	1	113,281	0	0
VIA RENEWABLES INC	CL A	92556D106	67	6,560	SH	SOLE	1	6,560	0	0
VIACOMCBS INC CLASS A	CL A	92556H107	4	91	SH	SOLE	1	91	0	0
VIACOMCBS INC CLASS B	CL B	92556H206	7,138	180,660	SH	SOLE	1	180,660	0	0
VIAD CORP	COM	92552R406	579	12,760	SH	SOLE	1	12,760	0	0
VIAANT TECHNOLOGY INC A	CL A	92557A101	77	6,338	SH	SOLE	1	6,338	0	0
VIASAT INC	COM	92552V100	6,952	126,241	SH	SOLE	1	126,241	0	0
VIATRIS INC	COM	92556V106	4,893	361,120	SH	SOLE	1	361,120	0	0
VIAVI SOLUTIONS INC	COM	925550105	2,259	143,492	SH	SOLE	1	143,492	0	0
VICI PROPERTIES INC	COM	925652109	186	6,541	SH	SOLE	1	6,541	0	0
VICOR CORP	COM	925815102	1,779	13,264	SH	SOLE	1	13,264	0	0
VICTORIA S SECRET & CO	COM	926400102	7,170	129,742	SH	SOLE	1	129,742	0	0
VIEMED HEALTHCARE INC	COM	92663R105	108	19,378	SH	SOLE	1	19,378	0	0
VIEW INC	CL A	92671V106	291	53,701	SH	SOLE	1	53,701	0	0
VIEWRAY INC	COM	92672L107	546	75,758	SH	SOLE	1	75,758	0	0
VIKING THERAPEUTICS INC	COM	92686J106	235	37,441	SH	SOLE	1	37,441	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	101	4,660	SH	SOLE	1	4,660	0	0
VIMEO INC	COM	92719V100	80	2,725	SH	SOLE	1	2,725	0	0
VINCERX PHARMA INC	COM	92731L106	115	7,138	SH	SOLE	1	7,138	0	0
VINE ENERGY INC CLASS A	CL A	92735P103	225	13,661	SH	SOLE	1	13,661	0	0
VIPSHOP HOLDINGS LTD	ADR	92763W103	68	6,113	SH	SOLE	1	6,113	0	0

ADR										
VIR BIOTECHNOLOGY INC	COM	92764N102	1,432	32,903	SH	SOLE	1	32,903	0	0
VIRACTA THERAPEUTICS INC	COM	92765F108	159	19,842	SH	SOLE	1	19,842	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	86	3,388	SH	SOLE	1	3,388	0	0
VIRNETX HOLDING CORP	COM	92823T108	136	34,719	SH	SOLE	1	34,719	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	25	1,021	SH	SOLE	1	1,021	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	1,419	4,572	SH	SOLE	1	4,572	0	0
VISA INC CLASS A SHARES	COM	92826C839	129,280	580,383	SH	SOLE	1	580,383	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	6,028	300,072	SH	SOLE	1	300,072	0	0
VISHAY PRECISION GROUP	COM	92835K103	237	6,803	SH	SOLE	1	6,803	0	0
VISTA OUTDOOR INC	COM	928377100	1,454	36,079	SH	SOLE	1	36,079	0	0
VISTAGEN THERAPEUTICS INC	COM	92840H202	291	106,198	SH	SOLE	1	106,198	0	0
VISTEON CORP	COM	92839U206	5,954	63,083	SH	SOLE	1	63,083	0	0
VISTRA CORP	COM	92840M102	91	5,335	SH	SOLE	1	5,335	0	0
VITAL FARMS INC	COM	92847W103	236	13,445	SH	SOLE	1	13,445	0	0
VIVINT SMART HOME INC	CL A	928542109	474	50,150	SH	SOLE	1	50,150	0	0
VNET GROUP INC ADR	SPONS ADS	90138A103	21	1,208	SH	SOLE	1	1,208	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	864	18,878	SH	SOLE	1	18,878	0	0
VONAGE HOLDINGS CORP	COM	92886T201	2,459	152,525	SH	SOLE	1	152,525	0	0
VONTIER CORP	COM	928881101	9,801	291,706	SH	SOLE	1	291,706	0	0
VOR BIOPHARMA INC	COM	929033108	163	10,385	SH	SOLE	1	10,385	0	0
VORNADO REALTY TRUST	COM	929042109	2,002	47,663	SH	SOLE	1	47,663	0	0
VOXX INTERNATIONAL CORP	CL A	91829F104	98	8,519	SH	SOLE	1	8,519	0	0
VOYA FINANCIAL INC	COM	929089100	77	1,256	SH	SOLE	1	1,256	0	0
VROOM INC	COM	92918V109	34	1,527	SH	SOLE	1	1,527	0	0
VSE CORP	COM	918284100	279	5,793	SH	SOLE	1	5,793	0	0
VULCAN MATERIALS CO	COM	929160109	6,759	39,955	SH	SOLE	1	39,955	0	0
VUZIX CORP	COM	92921W300	336	32,122	SH	SOLE	1	32,122	0	0
W&T OFFSHORE INC	COM	92922P106	191	51,367	SH	SOLE	1	51,367	0	0
WABASH NATIONAL CORP	COM	929566107	474	31,352	SH	SOLE	1	31,352	0	0
WABTEC CORP	COM	929740108	4,918	57,046	SH	SOLE	1	57,046	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	13,648	290,078	SH	SOLE	1	290,078	0	0
WALKER & DUNLOP INC	COM	93148P102	2,084	18,358	SH	SOLE	1	18,358	0	0
WALMART INC	COM	931142103	57,263	410,844	SH	SOLE	1	410,844	0	0
WALT DISNEY CO/THE	COM	254687106	99,103	585,819	SH	SOLE	1	585,819	0	0
WARRIOR MET COAL INC	COM	93627C101	752	32,302	SH	SOLE	1	32,302	0	0
WASHINGTON FEDERAL INC	COM	938824109	5,261	153,338	SH	SOLE	1	153,338	0	0
WASHINGTON REIT	COM	939653101	1,315	53,144	SH	SOLE	1	53,144	0	0
WASHINGTON TRUST BANCORP	COM	940610108	496	9,370	SH	SOLE	1	9,370	0	0
WASTE MANAGEMENT INC	COM	94106L109	20,216	135,353	SH	SOLE	1	135,353	0	0
WATERS CORP	COM	941848103	6,890	19,284	SH	SOLE	1	19,284	0	0
WATERSTONE	COM	94188P101	243	11,849	SH	SOLE	1	11,849	0	0

FINANCIAL INC										
WATSCO INC	COM	942622200	15,025	56,780	SH	SOLE	1	56,780	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	2,903	17,273	SH	SOLE	1	17,273	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	102	20,907	SH	SOLE	1	20,907	0	0
WAYFAIR INC CLASS A	COM	94419L101	305	1,195	SH	SOLE	1	1,195	0	0
WD 40 CO	COM	929236107	1,986	8,579	SH	SOLE	1	8,579	0	0
WEBER INC CLASS A	CL A	94770D102	164	9,312	SH	SOLE	1	9,312	0	0
WEBSTER FINANCIAL CORP	COM	947890109	8,497	156,014	SH	SOLE	1	156,014	0	0
WEC ENERGY GROUP INC	COM	92939U106	12,730	144,332	SH	SOLE	1	144,332	0	0
WEIBO CORP SPON ADR	ADR	948596101	33	688	SH	SOLE	1	688	0	0
WEIS MARKETS INC	COM	948849104	473	9,005	SH	SOLE	1	9,005	0	0
WELBILT INC	COM	949090104	1,663	71,567	SH	SOLE	1	71,567	0	0
WELLS FARGO & CO	COM	949746101	54,789	1,180,533	SH	SOLE	1	1,180,533	0	0
WELLTOWER INC	COM	95040Q104	10,398	126,192	SH	SOLE	1	126,192	0	0
WENDY S CO/THE	COM	95058W100	6,688	308,467	SH	SOLE	1	308,467	0	0
WEREWOLF THERAPEUTICS INC	COM	95075A107	71	4,143	SH	SOLE	1	4,143	0	0
WERNER ENTERPRISES INC	COM	950755108	6,201	140,081	SH	SOLE	1	140,081	0	0
WESBANCO INC	COM	950810101	1,184	34,741	SH	SOLE	1	34,741	0	0
WESCO INTERNATIONAL INC	COM	95082P105	2,811	24,375	SH	SOLE	1	24,375	0	0
WEST BANCORPORATION	COM	95123P106	264	8,799	SH	SOLE	1	8,799	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	9,834	23,164	SH	SOLE	1	23,164	0	0
WESTAMERICA BANCORPORATION	COM	957090103	924	16,416	SH	SOLE	1	16,416	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	171	1,574	SH	SOLE	1	1,574	0	0
WESTERN DIGITAL CORP	COM	958102105	6,347	112,455	SH	SOLE	1	112,455	0	0
WESTERN UNION CO	COM	959802109	2,471	122,229	SH	SOLE	1	122,229	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	39	425	SH	SOLE	1	425	0	0
WESTROCK CO	COM	96145D105	4,993	100,192	SH	SOLE	1	100,192	0	0
WEX INC	COM	96208T104	13,634	77,405	SH	SOLE	1	77,405	0	0
WEYERHAEUSER CO	COM	962166104	7,964	223,902	SH	SOLE	1	223,902	0	0
WHIRLPOOL CORP	COM	963320106	3,814	18,709	SH	SOLE	1	18,709	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	36	34	SH	SOLE	1	34	0	0
WHITESTONE REIT	COM	966084204	266	27,231	SH	SOLE	1	27,231	0	0
WHITING PETROLEUM CORP	COM	966387508	1,259	21,562	SH	SOLE	1	21,562	0	0
WHOLE EARTH BRANDS INC	CL A	96684W100	236	20,455	SH	SOLE	1	20,455	0	0
WIDOPENWEST INC	COM	96758W101	564	28,692	SH	SOLE	1	28,692	0	0
WILEY (JOHN) & SONS CLASS A	COM	968223206	5,121	98,094	SH	SOLE	1	98,094	0	0
WILLDAN GROUP INC	COM	96924N100	217	6,099	SH	SOLE	1	6,099	0	0
WILLIAMS COS INC	COM	969457100	11,443	441,151	SH	SOLE	1	441,151	0	0
WILLIAMS SONOMA INC	COM	969904101	23,027	129,853	SH	SOLE	1	129,853	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	56	1,501	SH	SOLE	1	1,501	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	9,796	42,141	SH	SOLE	1	42,141	0	0
WILLSCOT MOBILE MINI HOLDING	COM CL A	971378104	3,631	114,483	SH	SOLE	1	114,483	0	0

WINGSTOP INC	COM	974155103	11,022	67,234	SH	SOLE	1	67,234	0	0
WINMARK CORP	COM	974250102	407	1,895	SH	SOLE	1	1,895	0	0
WINNEBAGO INDUSTRIES	COM	974637100	1,478	20,405	SH	SOLE	1	20,405	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	7,895	98,234	SH	SOLE	1	98,234	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	468	82,452	SH	SOLE	1	82,452	0	0
WIX.COM LTD	COM	M98068105	1,943	9,917	SH	SOLE	1	9,917	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	1,525	51,116	SH	SOLE	1	51,116	0	0
WOODWARD INC	COM	980745103	12,393	109,476	SH	SOLE	1	109,476	0	0
WORKDAY INC CLASS A	COM	98138H101	2,990	11,964	SH	SOLE	1	11,964	0	0
WORKHORSE GROUP INC	COM	98138J206	505	66,074	SH	SOLE	1	66,074	0	0
WORKIVA INC	COM	98139A105	3,304	23,439	SH	SOLE	1	23,439	0	0
WORLD ACCEPTANCE CORP	COM	981419104	513	2,705	SH	SOLE	1	2,705	0	0
WORLD FUEL SERVICES CORP	COM	981475106	1,319	39,243	SH	SOLE	1	39,243	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	4,392	78,069	SH	SOLE	1	78,069	0	0
WORTHINGTON INDUSTRIES	COM	981811102	3,962	75,175	SH	SOLE	1	75,175	0	0
WP CAREY INC	COM	92936U109	149	2,036	SH	SOLE	1	2,036	0	0
WR BERKLEY CORP	COM	084423102	3,063	41,858	SH	SOLE	1	41,858	0	0
WSFS FINANCIAL CORP	COM	929328102	1,516	29,550	SH	SOLE	1	29,550	0	0
WW GRAINGER INC	COM	384802104	5,339	13,583	SH	SOLE	1	13,583	0	0
WW INTERNATIONAL INC	COM	98262P101	604	33,087	SH	SOLE	1	33,087	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	12,469	161,540	SH	SOLE	1	161,540	0	0
WYNN RESORTS LTD	COM	983134107	2,741	32,337	SH	SOLE	1	32,337	0	0
XBIOTECH INC	COM	98400H102	108	8,335	SH	SOLE	1	8,335	0	0
XCEL ENERGY INC	COM	98389B100	12,158	194,523	SH	SOLE	1	194,523	0	0
XENCOR INC	COM	98401F105	1,163	35,624	SH	SOLE	1	35,624	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	1,269	71,544	SH	SOLE	1	71,544	0	0
XEROX HOLDINGS CORP	COM	98421M106	4,775	236,743	SH	SOLE	1	236,743	0	0
XILINX INC	COM	983919101	14,040	92,984	SH	SOLE	1	92,984	0	0
XL FLEET CORP	CL A	9837FR100	118	19,127	SH	SOLE	1	19,127	0	0
XOMA CORP	COM	98419J206	82	3,297	SH	SOLE	1	3,297	0	0
XOMETRY INC A	CL A	98423F109	255	4,414	SH	SOLE	1	4,414	0	0
XPEL INC	COM	98379L100	746	9,828	SH	SOLE	1	9,828	0	0
XPENG INC ADR	ADS	98422D105	185	5,200	SH	SOLE	1	5,200	0	0
XPERI HOLDING CORP	COM	98390M103	1,241	65,864	SH	SOLE	1	65,864	0	0
XPO LOGISTICS INC	COM	983793100	13,565	170,459	SH	SOLE	1	170,459	0	0
XPONENTIAL FITNESS INC A	CL A	98422X101	64	5,082	SH	SOLE	1	5,082	0	0
XYLEM INC	COM	98419M100	6,839	55,297	SH	SOLE	1	55,297	0	0
Y MABS THERAPEUTICS INC	COM	984241109	546	19,128	SH	SOLE	1	19,128	0	0
YANDEX NV A	CL A	N97284108	334	4,192	SH	SOLE	1	4,192	0	0
YELLOW CORP	COM	985510106	156	27,558	SH	SOLE	1	27,558	0	0
YELP INC	COM	985817105	5,865	157,501	SH	SOLE	1	157,501	0	0
YETI HOLDINGS INC	COM	98585X104	12,965	151,299	SH	SOLE	1	151,299	0	0
YEXT INC	COM	98585N106	731	60,798	SH	SOLE	1	60,798	0	0
YORK WATER CO	COM	987184108	311	7,129	SH	SOLE	1	7,129	0	0
YUM BRANDS INC	COM	988498101	11,845	96,841	SH	SOLE	1	96,841	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	610	10,504	SH	SOLE	1	10,504	0	0

ZAI LAB LTD ADR	ADR	98887Q104	100	953	SH	SOLE	1	953	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	9,506	18,444	SH	SOLE	1	18,444	0	0
ZENDESK INC	COM	98936J101	272	2,337	SH	SOLE	1	2,337	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	1,309	19,649	SH	SOLE	1	19,649	0	0
ZEVIA PBC A	CL A	98955K104	65	5,615	SH	SOLE	1	5,615	0	0
ZIFF DAVIS INC	COM	48123V102	14,519	106,272	SH	SOLE	1	106,272	0	0
ZILLOW GROUP INC A	COM	98954M101	103	1,166	SH	SOLE	1	1,166	0	0
ZILLOW GROUP INC C	COM	98954M200	293	3,325	SH	SOLE	1	3,325	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	9,128	62,365	SH	SOLE	1	62,365	0	0
ZIONS BANCORP NA	COM	989701107	2,994	48,370	SH	SOLE	1	48,370	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	209	114,729	SH	SOLE	1	114,729	0	0
ZIX CORP	COM	98974P100	207	29,286	SH	SOLE	1	29,286	0	0
ZOETIS INC	COM	98978V103	33,813	174,167	SH	SOLE	1	174,167	0	0
ZOGENIX INC	COM	98978L204	466	30,695	SH	SOLE	1	30,695	0	0
ZOOM VIDEO COMMUNICATIONS A	CL A	98980L101	3,943	15,080	SH	SOLE	1	15,080	0	0
ZSCALER INC	COM	98980G102	398	1,518	SH	SOLE	1	1,518	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	170	5,548	SH	SOLE	1	5,548	0	0
ZUMIEZ INC	COM	989817101	545	13,709	SH	SOLE	1	13,709	0	0
ZUORA INC CLASS A	COM	98983V106	1,012	61,023	SH	SOLE	1	61,023	0	0
ZYMERGEN INC	COM	98985X100	135	10,246	SH	SOLE	1	10,246	0	0
ZYNEX INC	COM	98986M103	139	12,242	SH	SOLE	1	12,242	0	0
ZYNGA INC CL A	CL A	98986T108	114	15,168	SH	SOLE	1	15,168	0	0