

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

FORM 13F INFORMATION TABLE

OMB APPROVAL	
OMB Number:	3235-0006
Expires:	Oct 31, 2018
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COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8			
NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (x\$1000)	SHRS OR PRN AMT	SH/ PUT/ CALL	INVESTMENT DISCRETION	OTHER MANAGER	VOTING AUTHORITY		
								SOLE	SHARED	NONE
1 800 FLOWERS.COM INC CL A	CL A	68243Q106	476	14,936	SH	SOLE	1	14,936	0	0
10X GENOMICS INC CLASS A	CL A	88025U109	346	1,767	SH	SOLE	1	1,767	0	0
1LIFE HEALTHCARE INC	COM	68269G107	2,160	65,338	SH	SOLE	1	65,338	0	0
1ST SOURCE CORP	COM	336901103	445	9,579	SH	SOLE	1	9,579	0	0
22ND CENTURY GROUP INC	COM	90137F103	392	84,604	SH	SOLE	1	84,604	0	0
2U INC	COM	90214J101	1,675	40,200	SH	SOLE	1	40,200	0	0
3D SYSTEMS CORP	COM	88554D205	3,164	79,168	SH	SOLE	1	79,168	0	0
3M CO	COM	88579Y101	209,940	1,056,941	SH	SOLE	1	1,056,941	0	0
4D MOLECULAR THERAPEUTICS IN	COM	35104E100	133	5,504	SH	SOLE	1	5,504	0	0
51JOB INC ADR	ADR	316827104	23	294	SH	SOLE	1	294	0	0
89BIO INC	COM	282559103	102	5,462	SH	SOLE	1	5,462	0	0
8X8 INC	COM	282914100	1,928	69,435	SH	SOLE	1	69,435	0	0
9 METERS BIOPHARMA INC	COM	654405109	131	119,083	SH	SOLE	1	119,083	0	0
908 DEVICES INC	COM	65443P102	157	4,062	SH	SOLE	1	4,062	0	0
A MARK PRECIOUS METALS INC	COM	00181T107	227	4,892	SH	SOLE	1	4,892	0	0
A10 NETWORKS INC	COM	002121101	379	33,674	SH	SOLE	1	33,674	0	0
AAON INC	COM	000360206	1,699	27,142	SH	SOLE	1	27,142	0	0
AAR CORP	COM	000361105	853	22,014	SH	SOLE	1	22,014	0	0
AARON S CO INC/THE	COM	00258W108	705	22,048	SH	SOLE	1	22,048	0	0
AB INCOME ADV	Fund	01881M442	5,926	738	SH	SOLE		738	0	0
ABBOTT LABORATORIES	COM	002824100	62,367	537,967	SH	SOLE	1	537,967	0	0
ABBVIE INC	COM	00287Y109	61,049	541,980	SH	SOLE	1	541,980	0	0
ABERCROMBIE & FITCH CO CL A	CL A	002896207	1,852	39,897	SH	SOLE	1	39,897	0	0
ABIOMED INC	COM	003654100	4,738	15,181	SH	SOLE	1	15,181	0	0
ABM INDUSTRIES INC	COM	000957100	1,940	43,734	SH	SOLE	1	43,734	0	0
ACACIA RESEARCH CORP	COM	003881307	186	27,472	SH	SOLE	1	27,472	0	0
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	1,429	34,654	SH	SOLE	1	34,654	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	10,002	159,400	SH	SOLE	1	159,400	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	1,636	67,067	SH	SOLE	1	67,067	0	0
ACADIA REALTY TRUST	COM SH BEN INT	004239109	1,212	55,183	SH	SOLE	1	55,183	0	0
ACCEL ENTERTAINMENT INC	CL A1	00436Q106	375	31,561	SH	SOLE	1	31,561	0	0
ACCELERATE DIAGNOSTICS INC	COM	00430H102	149	18,484	SH	SOLE	1	18,484	0	0

ACCELERON PHARMA INC	COM	00434H108	140	1,115	SH	SOLE	1	1,115	0	0
ACCENTURE PLC CL A	SHS CL A	G1151C101	55,342	187,735	SH	SOLE	1	187,735	0	0
ACCO BRANDS CORP	COM	00081T108	1,582	183,345	SH	SOLE	1	183,345	0	0
ACCOLADE INC	COM	00437E102	1,532	28,209	SH	SOLE	1	28,209	0	0
ACCURAY INC	COM	004397105	234	51,835	SH	SOLE	1	51,835	0	0
ACI WORLDWIDE INC	COM	004498101	10,195	274,509	SH	SOLE	1	274,509	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	427	24,328	SH	SOLE	1	24,328	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	34,662	363,183	SH	SOLE	1	363,183	0	0
ACUITY BRANDS INC	COM	00508Y102	11,862	63,424	SH	SOLE	1	63,424	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	949	19,213	SH	SOLE	1	19,213	0	0
ACUTUS MEDICAL INC	COM	005111109	148	8,704	SH	SOLE	1	8,704	0	0
ADAPTHEALTH CORP	CL A	00653Q102	1,211	44,168	SH	SOLE	1	44,168	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	90	2,197	SH	SOLE	1	2,197	0	0
ADDUS HOMECARE CORP	COM	006739106	870	9,971	SH	SOLE	1	9,971	0	0
ADICET BIO INC	COM	007002108	121	11,720	SH	SOLE	1	11,720	0	0
ADIANT PLC	COM	G0084W101	9,911	219,265	SH	SOLE	1	219,265	0	0
ADOBE INC	COM	00724F101	123,044	210,101	SH	SOLE	1	210,101	0	0
ADT INC	COM	00090Q103	21	1,975	SH	SOLE	1	1,975	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	4,096	114,928	SH	SOLE	1	114,928	0	0
ADTRAN INC	COM	00738A106	647	31,332	SH	SOLE	1	31,332	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	4,095	19,963	SH	SOLE	1	19,963	0	0
ADVANCE AUTO PARTS ORD	COM	00751Y106	61,542	300	SH	SOLE	1	300	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	139	1,189	SH	SOLE	1	1,189	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	2,816	24,983	SH	SOLE	1	24,983	0	0
ADVANCED MICRO DEVICES	COM	007903107	44,676	475,628	SH	SOLE	1	475,628	0	0
ADVANSIX INC	COM	00773T101	532	17,801	SH	SOLE	1	17,801	0	0
ADVANTAGE SOLUTIONS INC	CL A	00791N102	462	42,810	SH	SOLE	1	42,810	0	0
ADVENT TECHNOLOGIES HOLDINGS	CL A	00788A105	92	9,567	SH	SOLE	1	9,567	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	170	48,678	SH	SOLE	1	48,678	0	0
AECOM	COM	00766T100	17,845	281,824	SH	SOLE	1	281,824	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	158	22,645	SH	SOLE	1	22,645	0	0
AEMETIS INC	COM	00770K202	145	13,004	SH	SOLE	1	13,004	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	380	23,721	SH	SOLE	1	23,721	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	2,346	48,588	SH	SOLE	1	48,588	0	0
AEROVIRONMENT INC	COM	008073108	1,462	14,597	SH	SOLE	1	14,597	0	0
AERSALE CORP	COM	00810F106	63	5,065	SH	SOLE	1	5,065	0	0
AES CORP	COM	00130H105	6,267	240,397	SH	SOLE	1	240,397	0	0
AEVA TECHNOLOGIES INC	COM	00835Q103	147	13,914	SH	SOLE	1	13,914	0	0
AFC GAMMA INC	COM	00109K105	84	4,064	SH	SOLE	1	4,064	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	11,406	73,964	SH	SOLE	1	73,964	0	0
AFFIMED NV	COM	N01045108	553	65,047	SH	SOLE	1	65,047	0	0
AFLAC INC	COM	001055102	13,023	242,697	SH	SOLE	1	242,697	0	0

AGCO CORP	COM	001084102	14,319	109,823	SH	SOLE	1	109,823	0	0
AGEAGLE AERIAL SYSTEMS INC	COM	00848K101	197	37,398	SH	SOLE	1	37,398	0	0
AGENUS INC	COM	00847G705	606	110,462	SH	SOLE	1	110,462	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	16,381	110,823	SH	SOLE	1	110,823	0	0
AGILITI INC	COM	00848J104	277	12,666	SH	SOLE	1	12,666	0	0
AGILON HEALTH INC	COM	00857U107	42	1,033	SH	SOLE	1	1,033	0	0
AGILYSYS INC	COM	00847J105	711	12,501	SH	SOLE	1	12,501	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	1,902	34,521	SH	SOLE	1	34,521	0	0
AGNC INVESTMENT CORP	COM	00123Q104	111	6,551	SH	SOLE	1	6,551	0	0
AGREE REALTY CORP	COM	008492100	3,084	43,756	SH	SOLE	1	43,756	0	0
AIR LEASE CORP	COM	00912X302	56	1,337	SH	SOLE	1	1,337	0	0
AIR PRODUCTS & CHEMICALS INC	COM	009158106	38,294	133,113	SH	SOLE	1	133,113	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	768	33,073	SH	SOLE	1	33,073	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	6,295	53,992	SH	SOLE	1	53,992	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	339	89,538	SH	SOLE	1	89,538	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	357	14,406	SH	SOLE	1	14,406	0	0
AKOUOS INC	COM	00973J101	169	13,450	SH	SOLE	1	13,450	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	261	24,358	SH	SOLE	1	24,358	0	0
AKOYA BIOSCIENCES INC	COM	00974H104	83	4,279	SH	SOLE	1	4,279	0	0
ALAMO GROUP INC	COM	011311107	985	6,454	SH	SOLE	1	6,454	0	0
ALARM.COM HOLDINGS INC	COM	011642105	2,586	30,530	SH	SOLE	1	30,530	0	0
ALASKA AIR GROUP INC	COM	011659109	2,288	37,945	SH	SOLE	1	37,945	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,783	19,978	SH	SOLE	1	19,978	0	0
ALBEMARLE CORP	COM	012653101	6,095	36,181	SH	SOLE	1	36,181	0	0
ALBERTSONS COS INC CLASS A	COM	013091103	38	1,940	SH	SOLE	1	1,940	0	0
ALBIREO PHARMA INC	COM	01345P106	333	9,454	SH	SOLE	1	9,454	0	0
ALCOA CORP	COM	013872106	86	2,334	SH	SOLE	1	2,334	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	308	27,195	SH	SOLE	1	27,195	0	0
ALECTOR INC	COM	014442107	672	32,280	SH	SOLE	1	32,280	0	0
ALERUS FINANCIAL CORP	COM	01446U103	245	8,448	SH	SOLE	1	8,448	0	0
ALEXANDER & BALDWIN INC	COM	014491104	862	47,054	SH	SOLE	1	47,054	0	0
ALEXANDER S INC	COM	014752109	322	1,200	SH	SOLE	1	1,200	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	7,635	41,964	SH	SOLE	1	41,964	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	16,606	90,394	SH	SOLE	1	90,394	0	0
ALIBABA GROUP HOLDING SP ADR	ADR	01609W102	5,985	26,391	SH	SOLE	1	26,391	0	0
ALIGN TECHNOLOGY INC	COM	016255101	17,272	28,268	SH	SOLE	1	28,268	0	0
ALIGNMENT HEALTHCARE INC	COM	01625V104	345	14,760	SH	SOLE	1	14,760	0	0
ALIGOS THERAPEUTICS INC	COM	01626L105	214	10,513	SH	SOLE	1	10,513	0	0
ALKAMI TECHNOLOGY INC	COM	01644J108	139	3,902	SH	SOLE	1	3,902	0	0

ALKERMES PLC	COM	G01767105	2,204	89,889	SH	SOLE	1	89,889	0	0
ALLAKOS INC	COM	01671P100	1,672	19,583	SH	SOLE	1	19,583	0	0
ALLEGHANY CORP	COM	017175100	16,508	24,747	SH	SOLE	1	24,747	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	1,724	82,708	SH	SOLE	1	82,708	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	474	12,326	SH	SOLE	1	12,326	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	1,899	9,790	SH	SOLE	1	9,790	0	0
ALLEGION PLC	COM	G0176J109	3,932	28,225	SH	SOLE	1	28,225	0	0
ALLEGRO MICROSYSTEMS INC	COM	01749D105	30	1,086	SH	SOLE	1	1,086	0	0
ALLETE INC	COM	018522300	8,501	121,482	SH	SOLE	1	121,482	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	9,203	88,333	SH	SOLE	1	88,333	0	0
ALLIANT ENERGY CORP	COM	018802108	5,202	93,299	SH	SOLE	1	93,299	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	225	6,520	SH	SOLE	1	6,520	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	82	2,075	SH	SOLE	1	2,075	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	994	38,103	SH	SOLE	1	38,103	0	0
ALLOVIR INC	COM	019818103	326	16,527	SH	SOLE	1	16,527	0	0
ALLOVIR INC	COM	019818103	19,521	988,888	SH	SOLE	2	988,888	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	1,684	90,994	SH	SOLE	1	90,994	0	0
ALLSTATE CORP	COM	020002101	16,113	123,531	SH	SOLE	1	123,531	0	0
ALLY FINANCIAL INC	COM	02005N100	231	4,630	SH	SOLE	1	4,630	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	420	2,479	SH	SOLE	1	2,479	0	0
ALPHA & OMEGA SEMICONDUCTOR	COM	G6331P104	360	11,833	SH	SOLE	1	11,833	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	297,850	121,980	SH	SOLE	1	121,980	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	245,780	98,064	SH	SOLE	1	98,064	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	591	38,572	SH	SOLE	1	38,572	0	0
ALPINE IMMUNE SCIENCES INC	COM	02083G100	59	6,509	SH	SOLE	1	6,509	0	0
ALTA EQUIPMENT GROUP INC	COM	02128L106	141	10,594	SH	SOLE	1	10,594	0	0
ALTABANCORP	COM	021347109	438	10,105	SH	SOLE	1	10,105	0	0
ALTAIR ENGINEERING INC A	COM	021369103	1,754	25,437	SH	SOLE	1	25,437	0	0
ALTERYX INC CLASS A	COM	02156B103	107	1,242	SH	SOLE	1	1,242	0	0
ALTICE USA INC A	COM	02156K103	135	3,965	SH	SOLE	1	3,965	0	0
ALTIMMUNE INC	COM	02155H200	179	18,209	SH	SOLE	1	18,209	0	0
ALTO INGREDIENTS INC	COM	021513106	245	40,075	SH	SOLE	1	40,075	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	2,361	36,311	SH	SOLE	1	36,311	0	0
ALTRIA GROUP INC	COM	02209S103	27,907	585,303	SH	SOLE	1	585,303	0	0
ALTUS MIDSTREAM CO A	CL A	02215L209	123	1,827	SH	SOLE	1	1,827	0	0
ALX ONCOLOGY HOLDINGS INC	COM	00166B105	543	9,935	SH	SOLE	1	9,935	0	0
AMALGAMATED FINANCIAL CORP	COM	022671101	119	7,635	SH	SOLE	1	7,635	0	0
AMAZON.COM INC	COM	023135106	510,310	148,339	SH	SOLE	1	148,339	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	464	29,611	SH	SOLE	1	29,611	0	0
AMBARELLA INC	COM	G037AX101	2,089	19,587	SH	SOLE	1	19,587	0	0
AMC ENTERTAINMENT HLDS CL A	CL A COM	00165C104	12,937	228,242	SH	SOLE	1	228,242	0	0

AMC NETWORKS INC A	COM	00164V103	1,272	19,040	SH	SOLE	1	19,040	0	0
AMCOR PLC	COM	G0250X107	5,578	486,711	SH	SOLE	1	486,711	0	0
AMDOCS LTD	COM	G02602103	125	1,617	SH	SOLE	1	1,617	0	0
AMEDISYS INC	COM	023436108	14,231	58,101	SH	SOLE	1	58,101	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	185	5,945	SH	SOLE	1	5,945	0	0
AMERANT BANCORP INC	COM	023576101	251	11,763	SH	SOLE	1	11,763	0	0
AMERCO	COM	023586100	66	112	SH	SOLE	1	112	0	0
AMEREN CORPORATION	COM	023608102	6,239	77,950	SH	SOLE	1	77,950	0	0
AMERESCO INC CL A	CL A	02361E108	1,086	17,316	SH	SOLE	1	17,316	0	0
AMERICA S CAR MART INC	COM	03062T105	560	3,948	SH	SOLE	1	3,948	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	4,149	195,633	SH	SOLE	1	195,633	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	1,210	32,455	SH	SOLE	1	32,455	0	0
AMERICAN AXLE & MFG HOLDINGS	COM	024061103	759	73,355	SH	SOLE	1	73,355	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	11,442	244,900	SH	SOLE	1	244,900	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	13,194	351,557	SH	SOLE	1	351,557	0	0
AMERICAN ELECTRIC POWER	COM	025537101	15,021	177,579	SH	SOLE	1	177,579	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,793	55,489	SH	SOLE	1	55,489	0	0
AMERICAN EXPRESS CO	COM	025816109	38,378	232,271	SH	SOLE	1	232,271	0	0
AMERICAN FINANCE TRUST INC	COM	02607T109	520	61,320	SH	SOLE	1	61,320	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	15,270	122,438	SH	SOLE	1	122,438	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	135	3,474	SH	SOLE	1	3,474	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	11,951	251,072	SH	SOLE	1	251,072	0	0
AMERICAN INTL GROUP	COM NEW	026874784	38,361	805,911	SH	SOLE	2	805,911	0	0
AMERICAN NATIONAL GROUP INC	COM	02772A109	620	4,177	SH	SOLE	1	4,177	0	0
AMERICAN OUTDOOR BRANDS INC	COM	02875D109	278	7,899	SH	SOLE	1	7,899	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	343	12,087	SH	SOLE	1	12,087	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	380	17,318	SH	SOLE	1	17,318	0	0
AMERICAN STATES WATER CO	COM	029899101	1,906	23,959	SH	SOLE	1	23,959	0	0
AMERICAN SUPERCONDUCTOR CORP	COM	030111207	262	15,067	SH	SOLE	1	15,067	0	0
AMERICAN TOWER CORP	COM	03027X100	41,180	152,441	SH	SOLE	1	152,441	0	0
AMERICAN VANGUARD CORP	COM	030371108	330	18,850	SH	SOLE	1	18,850	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	12,352	80,139	SH	SOLE	1	80,139	0	0
AMERICAN WELL CORP CLASS A	CL A	03044L105	1,372	109,091	SH	SOLE	1	109,091	0	0
AMERICAN WOODMARK CORP	COM	030506109	901	11,031	SH	SOLE	1	11,031	0	0
AMERICOLD REALTY TRUST	COM	03064D108	119	3,155	SH	SOLE	1	3,155	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	8,943	35,933	SH	SOLE	1	35,933	0	0
AMERIS BANCORP	COM	03076K108	2,201	43,477	SH	SOLE	1	43,477	0	0
AMERISAFE INC	COM	03071H100	744	12,462	SH	SOLE	1	12,462	0	0

AMERISOURCEBERGEN CORP	COM	03073E105	162,867	1,422,544	SH	SOLE	1	1,422,544	0	0
AMETEK INC	COM	031100100	10,474	78,454	SH	SOLE	1	78,454	0	0
AMGEN INC	COM	031162100	215,053	882,269	SH	SOLE	1	882,269	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,421	147,355	SH	SOLE	1	147,355	0	0
AMKOR TECHNOLOGY INC	COM	031652100	5,840	246,732	SH	SOLE	1	246,732	0	0
AMMO INC	COM	00175J107	362	36,936	SH	SOLE	1	36,936	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	2,970	30,625	SH	SOLE	1	30,625	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	286	55,876	SH	SOLE	1	55,876	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	484	24,003	SH	SOLE	1	24,003	0	0
AMPHENOL CORP CL A	CL A	032095101	13,425	196,236	SH	SOLE	1	196,236	0	0
AMPIO PHARMACEUTICALS INC	COM	03209T109	178	106,581	SH	SOLE	1	106,581	0	0
AMYRIS INC	COM	03236M200	1,534	93,704	SH	SOLE	1	93,704	0	0
ANALOG DEVICES INC	COM	032654105	24,897	144,615	SH	SOLE	1	144,615	0	0
ANAPLAN INC	COM	03272L108	158	2,967	SH	SOLE	1	2,967	0	0
ANAPTYSBIO INC	COM	032724106	280	10,804	SH	SOLE	1	10,804	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	795	34,773	SH	SOLE	1	34,773	0	0
ANDERSONS INC/THE	COM	034164103	623	20,416	SH	SOLE	1	20,416	0	0
ANGIODYNAMICS INC	COM	03475V101	655	24,131	SH	SOLE	1	24,131	0	0
ANGION BIOMEDICA CORP	COM	03476J107	42	3,253	SH	SOLE	1	3,253	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	223	6,364	SH	SOLE	1	6,364	0	0
ANIKA THERAPEUTICS INC	COM	035255108	406	9,368	SH	SOLE	1	9,368	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	155	17,467	SH	SOLE	1	17,467	0	0
ANNEXON INC	COM	03589W102	393	17,471	SH	SOLE	1	17,471	0	0
ANSYS INC	COM	03662Q105	14,031	40,427	SH	SOLE	1	40,427	0	0
ANTARES PHARMA INC	COM	036642106	408	93,535	SH	SOLE	1	93,535	0	0
ANTERIX INC	COM	03676C100	374	6,239	SH	SOLE	1	6,239	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	5,293	509,401	SH	SOLE	1	509,401	0	0
ANTERO RESOURCES CORP	COM	03674X106	2,410	160,366	SH	SOLE	1	160,366	0	0
ANTHEM INC	COM	036752103	31,103	81,465	SH	SOLE	1	81,465	0	0
AON PLC CLASS A	CL A	G0403H108	17,972	75,273	SH	SOLE	1	75,273	0	0
APA CORP	COM	03743Q108	2,494	115,300	SH	SOLE	1	115,300	0	0
APARTMENT INCOME REIT CO	COM	03750L109	13,213	278,587	SH	SOLE	1	278,587	0	0
APARTMENT INVT & MGMT CO A	COM	03748R747	560	83,478	SH	SOLE	1	83,478	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	2,300	36,394	SH	SOLE	1	36,394	0	0
API GROUP CORP	COM	00187Y100	2,112	101,093	SH	SOLE	1	101,093	0	0
APOGEE ENTERPRISES INC	COM	037598109	671	16,474	SH	SOLE	1	16,474	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	1,437	90,095	SH	SOLE	1	90,095	0	0
APOLLO GLOBAL MANAGEMENT INC	CL A	03768E105	235	3,773	SH	SOLE	1	3,773	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	1,350	21,499	SH	SOLE	1	21,499	0	0
APPFOLIO INC A	COM	03783C100	1,483	10,501	SH	SOLE	1	10,501	0	0

APPHARVEST INC	COM	03783T103	430	26,869	SH	SOLE	1	26,869	0	0
APPIAN CORP	COM	03782L101	3,037	22,044	SH	SOLE	1	22,044	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	1,796	117,691	SH	SOLE	1	117,691	0	0
APPLE INC	COM	037833100	733,454	5,355,245	SH	SOLE	1	5,355,245	0	0
APPLE ORD	COM	037833100	54,784	400	SH	SOLE		400	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	2,296	25,210	SH	SOLE	1	25,210	0	0
APPLIED MATERIALS INC	COM	038222105	51,602	362,372	SH	SOLE	1	362,372	0	0
APPLIED MOLECULAR TRANSPORT	COM	03824M109	630	13,777	SH	SOLE	1	13,777	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	19	2,200	SH	SOLE	1	2,200	0	0
APPLIED THERAPEUTICS INC	COM	03828A101	206	9,925	SH	SOLE	1	9,925	0	0
APRIA INC	COM	03836A101	119	4,241	SH	SOLE	1	4,241	0	0
APTARGROUP INC	COM	038336103	16,442	116,739	SH	SOLE	1	116,739	0	0
APTIV PLC	COM	G6095L109	13,189	83,828	SH	SOLE	1	83,828	0	0
APYX MEDICAL CORP	COM	03837C106	180	17,476	SH	SOLE	1	17,476	0	0
AQUABOUTY TECHNOLOGIES	COM	03842K200	158	29,407	SH	SOLE	1	29,407	0	0
ARAMARK	COM	03852U106	107	2,864	SH	SOLE	1	2,864	0	0
ARBOR REALTY TRUST INC	COM	038923108	2,095	117,586	SH	SOLE	1	117,586	0	0
ARBUTUS BIOPHARMA CORP	COM	03879J100	133	43,763	SH	SOLE	1	43,763	0	0
ARCBEST CORP	COM	03937C105	957	16,445	SH	SOLE	1	16,445	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	220	5,660	SH	SOLE	1	5,660	0	0
ARCH RESOURCES INC	CL A	03940R107	483	8,472	SH	SOLE	1	8,472	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	10,328	170,424	SH	SOLE	1	170,424	0	0
ARCHROCK INC	COM	03957W106	776	87,096	SH	SOLE	1	87,096	0	0
ARCIMOTO INC	COM	039587100	264	15,343	SH	SOLE	1	15,343	0	0
ARCONIC CORP	COM	03966V107	2,514	70,584	SH	SOLE	1	70,584	0	0
ARCOSA INC	COM	039653100	1,847	31,444	SH	SOLE	1	31,444	0	0
ARCTURUS THERAPEUTICS HOLDIN	COM	03969T109	400	11,829	SH	SOLE	1	11,829	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	697	25,386	SH	SOLE	1	25,386	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	423	15,499	SH	SOLE	1	15,499	0	0
ARDAGH GROUP SA	COM	L0223L101	6	230	SH	SOLE	1	230	0	0
ARDELYX INC	COM	039697107	359	47,405	SH	SOLE	1	47,405	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	2,337	34,266	SH	SOLE	1	34,266	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	310	21,133	SH	SOLE	1	21,133	0	0
ARES MANAGEMENT CORP A	COM	03990B101	176	2,762	SH	SOLE	1	2,762	0	0
ARGAN INC	COM	04010E109	399	8,359	SH	SOLE	1	8,359	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	921	17,767	SH	SOLE	1	17,767	0	0
ARISTA NETWORKS INC	COM	040413106	6,365	17,567	SH	SOLE	1	17,567	0	0
ARKO CORP	COM	041242108	106	11,509	SH	SOLE	1	11,509	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	358	52,856	SH	SOLE	1	52,856	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	516	38,833	SH	SOLE	1	38,833	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	525	45,970	SH	SOLE	1	45,970	0	0
ARMSTRONG WORLD	COM	04247X102	85	792	SH	SOLE	1	792	0	0

INDUSTRIES

ARRAY TECHNOLOGIES INC	COM	04271T100	1,117	71,575	SH	SOLE	1	71,575	0	0
ARROW ELECTRONICS INC	COM	042735100	14,997	131,746	SH	SOLE	1	131,746	0	0
ARROW FINANCIAL CORP	COM	042744102	270	7,517	SH	SOLE	1	7,517	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	19,910	240,400	SH	SOLE	1	240,400	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	168	4,561	SH	SOLE	1	4,561	0	0
ARTHUR J GALLAGHER & CO	COM	363576109	8,812	62,909	SH	SOLE	1	62,909	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	1,667	32,805	SH	SOLE	1	32,805	0	0
ARVINAS INC	COM	04335A105	1,883	24,458	SH	SOLE	1	24,458	0	0
ASANA INC CL A	CL A	04342Y104	2,571	41,443	SH	SOLE	1	41,443	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	2,154	12,570	SH	SOLE	1	12,570	0	0
ASENSUS SURGICAL INC	COM	04367G103	416	131,110	SH	SOLE	1	131,110	0	0
ASGN INC	COM	00191U102	11,919	122,969	SH	SOLE	1	122,969	0	0
ASHFORD HOSPITALITY TRUST	COM	044103877	280	61,417	SH	SOLE	1	61,417	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	8,493	97,066	SH	SOLE	1	97,066	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	3,445	4,986	SH	SOLE	1	4,986	0	0
ASPEN AEROGELS INC	COM	04523Y105	362	12,104	SH	SOLE	1	12,104	0	0
ASPEN TECHNOLOGY INC	COM	045327103	16,699	121,411	SH	SOLE	1	121,411	0	0
ASPIRA WOMEN S HEALTH INC	COM	04537Y109	229	40,737	SH	SOLE	1	40,737	0	0
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	252	10,049	SH	SOLE	1	10,049	0	0
ASSOCIATED BANC CORP	COM	045487105	7,258	354,399	SH	SOLE	1	354,399	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	37	963	SH	SOLE	1	963	0	0
ASSURANT INC	COM	04621X108	2,885	18,474	SH	SOLE	1	18,474	0	0
ASSURED GUARANTY LTD	COM	G0585R106	362	7,621	SH	SOLE	1	7,621	0	0
ASTEC INDUSTRIES INC	COM	046224101	927	14,730	SH	SOLE	1	14,730	0	0
ASTRONICS CORP	COM	046433108	236	13,450	SH	SOLE	1	13,450	0	0
AT HOME GROUP INC	COM	04650Y100	1,355	36,784	SH	SOLE	1	36,784	0	0
AT&T INC	COM	00206R102	66,317	2,304,287	SH	SOLE	1	2,304,287	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	720	46,307	SH	SOLE	1	46,307	0	0
ATEA PHARMACEUTICALS INC	COM	04683R106	777	36,189	SH	SOLE	1	36,189	0	0
ATERIAN INC	COM	02156U101	162	11,088	SH	SOLE	1	11,088	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	97	1,443	SH	SOLE	1	1,443	0	0
ATHENEX INC	COM	04685N103	224	48,452	SH	SOLE	1	48,452	0	0
ATHERSYS INC	COM	04744L106	162	112,641	SH	SOLE	1	112,641	0	0
ATHIRA PHARMA INC	COM	04746L104	185	18,072	SH	SOLE	1	18,072	0	0
ATKORE INC	COM	047649108	1,870	26,335	SH	SOLE	1	26,335	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	281	11,027	SH	SOLE	1	11,027	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,600	44,171	SH	SOLE	1	44,171	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	119	2,996	SH	SOLE	1	2,996	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	1,266	18,587	SH	SOLE	1	18,587	0	0

ATLAS TECHNICAL CONSULTANTS	CL A	049430101	73	7,544	SH	SOLE	1	7,544	0	0
ATLASSIAN CORP PLC CLASS A	CL A	G06242104	2,181	8,490	SH	SOLE	1	8,490	0	0
ATMOS ENERGY CORP	COM	049560105	3,830	39,849	SH	SOLE	1	39,849	0	0
ATN INTERNATIONAL INC	COM	00215F107	328	7,208	SH	SOLE	1	7,208	0	0
ATOMERA INC	COM	04965B100	244	11,376	SH	SOLE	1	11,376	0	0
ATOSSA THERAPEUTICS INC	COM	04962H506	414	65,553	SH	SOLE	1	65,553	0	0
ATRECA INC A	COM	04965G109	124	14,554	SH	SOLE	1	14,554	0	0
ATRICURE INC	COM	04963C209	1,992	25,104	SH	SOLE	1	25,104	0	0
ATRION CORPORATION	COM	049904105	492	793	SH	SOLE	1	793	0	0
AUDACY INC	CL A	05070N103	285	66,105	SH	SOLE	1	66,105	0	0
AUTODESK INC	COM	052769106	27,761	95,103	SH	SOLE	1	95,103	0	0
AUTOHOME INC ADR	ADR	05278C107	49	772	SH	SOLE	1	772	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	211,330	1,063,991	SH	SOLE	1	1,063,991	0	0
AUTONATION INC	COM	05329W102	9,078	95,749	SH	SOLE	1	95,749	0	0
AUTOZONE INC	COM	053332102	10,001	6,702	SH	SOLE	1	6,702	0	0
AVALARA INC	COM	05338G106	290	1,790	SH	SOLE	1	1,790	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	8,888	42,588	SH	SOLE	1	42,588	0	0
AVANGRID INC	COM	05351W103	37	714	SH	SOLE	1	714	0	0
AVANOS MEDICAL INC	COM	05350V106	1,137	31,249	SH	SOLE	1	31,249	0	0
AVANTOR INC	COM	05352A100	435	12,255	SH	SOLE	1	12,255	0	0
AVAYA HOLDINGS CORP	COM	05351X101	1,244	46,248	SH	SOLE	1	46,248	0	0
AVEANNA HEALTHCARE HOLDINGS	COM	05356F105	267	21,624	SH	SOLE	1	21,624	0	0
AVERY DENNISON CORP	COM	053611109	5,440	25,873	SH	SOLE	1	25,873	0	0
AVIAT NETWORKS INC	COM	05366Y201	177	5,401	SH	SOLE	1	5,401	0	0
AVID BIOSERVICES INC	COM	05368M106	868	33,840	SH	SOLE	1	33,840	0	0
AVID TECHNOLOGY INC	COM	05367P100	793	20,261	SH	SOLE	1	20,261	0	0
AVIDITY BIOSCIENCES INC	COM	05370A108	419	16,960	SH	SOLE	1	16,960	0	0
AVIENT CORP	COM	05368V106	10,425	212,065	SH	SOLE	1	212,065	0	0
AVIS BUDGET GROUP INC	COM	053774105	9,335	119,853	SH	SOLE	1	119,853	0	0
AVISTA CORP	COM	05379B107	1,922	45,032	SH	SOLE	1	45,032	0	0
AVITA MEDICAL INC	COM	05380C102	274	13,377	SH	SOLE	1	13,377	0	0
AVNET INC	COM	053807103	7,084	176,756	SH	SOLE	1	176,756	0	0
AVROBIO INC	COM	05455M100	181	20,326	SH	SOLE	1	20,326	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	89	2,929	SH	SOLE	1	2,929	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	875	21,656	SH	SOLE	1	21,656	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	47	968	SH	SOLE	1	968	0	0
AXOGEN INC	COM	05463X106	462	21,373	SH	SOLE	1	21,373	0	0
AXON ENTERPRISE INC	COM	05464C101	20,412	115,450	SH	SOLE	1	115,450	0	0
AXONICS INC	COM	05465P101	1,479	23,324	SH	SOLE	1	23,324	0	0
AXOS FINANCIAL INC	COM	05465C100	1,696	36,563	SH	SOLE	1	36,563	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	1,050	15,569	SH	SOLE	1	15,569	0	0
AXT INC	COM	00246W103	246	22,374	SH	SOLE	1	22,374	0	0
AZEK CO INC/THE	CL A	05478C105	80	1,887	SH	SOLE	1	1,887	0	0
AZZ INC	COM	002474104	837	16,164	SH	SOLE	1	16,164	0	0
B. RILEY FINANCIAL INC	COM	05580M108	963	12,749	SH	SOLE	1	12,749	0	0
B&G FOODS INC	COM	05508R106	1,366	41,660	SH	SOLE	1	41,660	0	0
BABCOCK & WILCOX ENTERPR	COM	05614L209	245	31,104	SH	SOLE	1	31,104	0	0

BADGER METER INC	COM	056525108	1,861	18,964	SH	SOLE	1	18,964	0	0
BAIDU INC SPON ADR	ADR	056752108	4,099	20,102	SH	SOLE	1	20,102	0	0
BAKER HUGHES CO	COM	05722G100	6,850	299,530	SH	SOLE	1	299,530	0	0
BALCHEM CORP	COM	057665200	2,751	20,957	SH	SOLE	1	20,957	0	0
BALL CORP	COM	058498106	9,498	117,231	SH	SOLE	1	117,231	0	0
BALLY S CORP	COM	05875B106	990	18,299	SH	SOLE	1	18,299	0	0
BANC OF CALIFORNIA INC	COM	05990K106	513	29,275	SH	SOLE	1	29,275	0	0
BANCFIRST CORP	COM	05945F103	705	11,288	SH	SOLE	1	11,288	0	0
BANCORP INC/THE	COM	05969A105	779	33,859	SH	SOLE	1	33,859	0	0
BANCORPSOUTH BANK	COM	05971J102	6,440	227,318	SH	SOLE	1	227,318	0	0
BANDWIDTH INC CLASS A	COM	05988J103	1,765	12,795	SH	SOLE	1	12,795	0	0
BANK FIRST CORP	COM	06211J100	261	3,744	SH	SOLE	1	3,744	0	0
BANK OF AMERICA CORP	COM	060505104	93,254	2,261,789	SH	SOLE	1	2,261,789	0	0
BANK OF HAWAII CORP	COM	062540109	6,043	71,750	SH	SOLE	1	71,750	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	230	7,211	SH	SOLE	1	7,211	0	0
BANK OF N.T. BUTTERFIELD&SON	COM	G0772R208	997	28,118	SH	SOLE	1	28,118	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	15,731	307,069	SH	SOLE	1	307,069	0	0
BANK OZK	COM	06417N103	9,055	214,770	SH	SOLE	1	214,770	0	0
BANKUNITED INC	COM	06652K103	2,583	60,507	SH	SOLE	1	60,507	0	0
BANNER CORPORATION	COM	06652V208	1,221	22,531	SH	SOLE	1	22,531	0	0
BAOZUN INC SPN ADR	ADR	06684L103	26	720	SH	SOLE	1	720	0	0
BAR HARBOR BANKSHARES	COM	066849100	237	8,277	SH	SOLE	1	8,277	0	0
BARNES & NOBLE EDUCATION INC	COM	06777U101	176	24,368	SH	SOLE	1	24,368	0	0
BARNES GROUP INC	COM	067806109	1,572	30,681	SH	SOLE	1	30,681	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	304	4,191	SH	SOLE	1	4,191	0	0
BASSETT FURNITURE INDS	COM	070203104	127	5,217	SH	SOLE	1	5,217	0	0
BAXTER INTERNATIONAL INC	COM	071813109	14,603	181,407	SH	SOLE	1	181,407	0	0
BCE INC	COM	05534B950	846	17,162	SH	SOLE	1	17,162	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,665	31,275	SH	SOLE	1	31,275	0	0
BEAM GLOBAL	COM	07373B109	189	4,927	SH	SOLE	1	4,927	0	0
BEAM THERAPEUTICS INC	COM	07373V105	3,388	26,325	SH	SOLE	1	26,325	0	0
BEAUTY HEALTH CO/THE	CL A	88331L108	437	26,014	SH	SOLE	1	26,014	0	0
BEAZER HOMES USA INC	COM	07556Q881	317	16,410	SH	SOLE	1	16,410	0	0
BECTON DICKINSON AND CO	COM	075887109	20,692	85,086	SH	SOLE	1	85,086	0	0
BED BATH & BEYOND INC	COM	075896100	2,364	71,005	SH	SOLE	1	71,005	0	0
BEIGENE LTD ADR	SPON ADR	07725L102	206	600	SH	SOLE	1	600	0	0
BEL FUSE INC CL B	COM	077347300	13	908	SH	SOLE	1	908	0	0
BELDEN INC	COM	077454106	5,245	103,711	SH	SOLE	1	103,711	0	0
BELLRING BRANDS INC CLASS A	COM CL A	079823100	699	22,319	SH	SOLE	1	22,319	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	662	23,245	SH	SOLE	1	23,245	0	0
BENEFITFOCUS INC	COM	08180D106	197	13,994	SH	SOLE	1	13,994	0	0
BENTLEY SYSTEMS INC CLASS B	CL B	08265T208	185	2,849	SH	SOLE	1	2,849	0	0
BERKELEY LIGHTS INC	COM	084310101	1,204	26,868	SH	SOLE	1	26,868	0	0
BERKSHIRE HATHAWAY	COM	084670702	154,116	554,533	SH	SOLE	1	554,533	0	0

INC CL B										
BERKSHIRE HILLS BANCORP INC	COM	084680107	908	33,121	SH	SOLE	1	33,121	0	0
BERRY CORP	COM	08579X101	254	37,790	SH	SOLE	1	37,790	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	110	1,688	SH	SOLE	1	1,688	0	0
BEST BUY CO INC	COM	086516101	145,158	1,262,461	SH	SOLE	1	1,262,461	0	0
BEYOND MEAT INC	COM	08862E109	181	1,150	SH	SOLE	1	1,150	0	0
BEYONDSRING INC	COM	G10830100	131	12,551	SH	SOLE	1	12,551	0	0
BGC PARTNERS INC CL A	CL A	05541T101	1,054	185,857	SH	SOLE	1	185,857	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	300	11,666	SH	SOLE	1	11,666	0	0
BIG LOTS INC	COM	089302103	1,472	22,302	SH	SOLE	1	22,302	0	0
BIGCOMMERCE HOLDINGS SER 1	COM SER 1	08975P108	1,709	26,331	SH	SOLE	1	26,331	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	72	454	SH	SOLE	1	454	0	0
BILIBILI INC SPONSORED ADR	ADS REP Z	090040106	199	1,635	SH	SOLE	1	1,635	0	0
BILL.COM HOLDINGS INC	COM	090043100	290	1,585	SH	SOLE	1	1,585	0	0
BIO RAD LABORATORIES A	COM	090572207	5,971	9,268	SH	SOLE	1	9,268	0	0
BIO TECHNE CORP	COM	09073M104	31,258	69,422	SH	SOLE	1	69,422	0	0
BIOATLA INC	COM	09077B104	289	6,828	SH	SOLE	1	6,828	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	1,575	99,627	SH	SOLE	1	99,627	0	0
BIODELIVERY SCIENCES INTL	COM	09060J106	187	52,186	SH	SOLE	1	52,186	0	0
BIODESIX INC	COM	09075X108	91	6,882	SH	SOLE	1	6,882	0	0
BIOGEN INC	COM	09062X103	22,521	65,040	SH	SOLE	1	65,040	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	2,939	30,274	SH	SOLE	1	30,274	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	609	13,678	SH	SOLE	1	13,678	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	190	2,280	SH	SOLE	1	2,280	0	0
BIOMEA FUSION INC	COM	09077A106	75	4,835	SH	SOLE	1	4,835	0	0
BIONANO GENOMICS INC	COM	09075F107	1,155	157,620	SH	SOLE	1	157,620	0	0
BIOVENTUS INC A	CL A	09075A108	82	4,660	SH	SOLE	1	4,660	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	249	8,564	SH	SOLE	1	8,564	0	0
BJ S RESTAURANTS INC	COM	09180C106	722	14,694	SH	SOLE	1	14,694	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	15,164	318,713	SH	SOLE	1	318,713	0	0
BLACK DIAMOND THERAPEUTICS I	COM	09203E105	156	12,762	SH	SOLE	1	12,762	0	0
BLACK HILLS CORP	COM	092113109	9,598	146,242	SH	SOLE	1	146,242	0	0
BLACK KNIGHT INC	COM	09215C105	148	1,900	SH	SOLE	1	1,900	0	0
BLACKBAUD INC	COM	09227Q100	8,670	113,235	SH	SOLE	1	113,235	0	0
BLACKLINE INC	COM	09239B109	3,345	30,064	SH	SOLE	1	30,064	0	0
BLACKROCK INC	COM	09247X101	46,087	52,673	SH	SOLE	1	52,673	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	2,475	77,605	SH	SOLE	1	77,605	0	0
BLINK CHARGING CO	COM	09354A100	842	20,460	SH	SOLE	1	20,460	0	0
BLOOM ENERGY CORP A	COM	093712107	2,097	78,036	SH	SOLE	1	78,036	0	0
BLOOMIN BRANDS INC	COM	094235108	1,543	56,848	SH	SOLE	1	56,848	0	0
BLUCORA INC	COM	095229100	546	31,550	SH	SOLE	1	31,550	0	0
BLUE BIRD CORP	COM	095306106	220	8,855	SH	SOLE	1	8,855	0	0
BLUE RIDGE	COM	095825105	170	9,720	SH	SOLE	1	9,720	0	0

BANKSHARES INC											
BLUEBIRD BIO INC	COM	09609G100	1,210	37,847	SH	SOLE	1	37,847	0	0	
BLUEGREEN VACATIONS HOLDING	CL A	096308101	153	8,477	SH	SOLE	1	8,477	0	0	
BLUELINX HOLDINGS INC	COM	09624H208	253	5,027	SH	SOLE	1	5,027	0	0	
BLUEPRINT MEDICINES CORP	COM	09627Y109	2,884	32,788	SH	SOLE	1	32,788	0	0	
BM TECHNOLOGIES INC	CL A	05591L107	37	3,014	SH	SOLE	1	3,014	0	0	
BOEING CO/THE	COM	097023105	39,754	165,945	SH	SOLE	1	165,945	0	0	
BOISE CASCADE CO	COM	09739D100	1,492	25,574	SH	SOLE	1	25,574	0	0	
BOK FINANCIAL CORPORATION	COM	05561Q201	33	382	SH	SOLE	1	382	0	0	
BOLT BIOTHERAPEUTICS INC	COM	097702104	101	6,501	SH	SOLE	1	6,501	0	0	
BONANZA CREEK ENERGY INC	COM	097793400	894	18,990	SH	SOLE	1	18,990	0	0	
BOOKING HOLDINGS INC	COM	09857L108	35,281	16,124	SH	SOLE	1	16,124	0	0	
BOOT BARN HOLDINGS INC	COM	099406100	1,572	18,707	SH	SOLE	1	18,707	0	0	
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	244	2,868	SH	SOLE	1	2,868	0	0	
BORGWARNER INC	COM	099724106	4,756	97,973	SH	SOLE	1	97,973	0	0	
BORGWARNER ORD	COM	099724106	24,270	500	SH	SOLE	1	500	0	0	
BOSTON BEER COMPANY INC A	COM	100557107	16,947	16,602	SH	SOLE	1	16,602	0	0	
BOSTON OMAHA CORP CL A	CL A	101044105	310	9,769	SH	SOLE	1	9,769	0	0	
BOSTON PRIVATE FINL HOLDING	COM	101119105	788	53,432	SH	SOLE	1	53,432	0	0	
BOSTON PROPERTIES INC	COM	101121101	4,985	43,504	SH	SOLE	1	43,504	0	0	
BOSTON SCIENTIFIC CORP	COM	101137107	17,776	415,723	SH	SOLE	1	415,723	0	0	
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	1,050	28,310	SH	SOLE	1	28,310	0	0	
BOX INC CLASS A	COM	10316T104	2,108	82,519	SH	SOLE	1	82,519	0	0	
BOYD GAMING CORP	COM	103304101	8,825	143,525	SH	SOLE	1	143,525	0	0	
BP ADR EACH REPSTNG SIX ORD	COM	055622104	66,050	2,500	SH	SOLE	1	2,500	0	0	
BRADY CORPORATION CL A	CL A	104674106	1,724	30,755	SH	SOLE	1	30,755	0	0	
BRAEMAR HOTELS & RESORTS INC	COM	10482B101	155	24,933	SH	SOLE	1	24,933	0	0	
BRANDYWINE REALTY TRUST	COM	105368203	1,512	110,315	SH	SOLE	1	110,315	0	0	
BRIDGEBIO PHARMA INC	COM	10806X102	3,676	60,302	SH	SOLE	1	60,302	0	0	
BRIDGEBIO PHARMA INC	COM	10806X102	223,723	3,670,000	SH	SOLE	2	3,670,000	0	0	
BRIDGEWATER BANCSHARES INC	COM	108621103	191	11,800	SH	SOLE	1	11,800	0	0	
BRIGHAM MINERALS INC CL A	CL A	10918L103	521	24,459	SH	SOLE	1	24,459	0	0	
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	173	1,178	SH	SOLE	1	1,178	0	0	
BRIGHTCOVE	COM	10921T101	323	22,532	SH	SOLE	1	22,532	0	0	
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	6,941	152,413	SH	SOLE	1	152,413	0	0	
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	886	37,798	SH	SOLE	1	37,798	0	0	
BRIGHTSPIRE CAPITAL INC	CL A	10949T109	445	47,312	SH	SOLE	1	47,312	0	0	
BRIGHTVIEW HOLDINGS INC	COM	10948C107	370	22,947	SH	SOLE	1	22,947	0	0	

BRINK S CO/THE	COM	109696104	8,839	115,037	SH	SOLE	1	115,037	0	0
BRINKER INTERNATIONAL INC	COM	109641100	1,827	29,532	SH	SOLE	1	29,532	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	194,611	2,912,467	SH	SOLE	1	2,912,467	0	0
BRISTOW GROUP INC	COM	11040G103	146	5,690	SH	SOLE	1	5,690	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	12,075	527,516	SH	SOLE	1	527,516	0	0
BROADCOM INC	COM	11135F101	241,191	505,812	SH	SOLE	1	505,812	0	0
BROADMARK REALTY CAPITAL INC	COM	11135B100	762	71,988	SH	SOLE	1	71,988	0	0
BROADRIDGE FINANCIAL SOLUTIONS	COM	11133T103	5,914	36,614	SH	SOLE	1	36,614	0	0
BROADSTONE NET LEASE INC	COM	11135E203	1,867	79,753	SH	SOLE	1	79,753	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	819	103,711	SH	SOLE	1	103,711	0	0
BROOKFIELD INFRASTRUCTURE A	CL A	11275Q107	1,547	20,516	SH	SOLE	1	20,516	0	0
BROOKFIELD PROPERTY REIT I A	COM	11282X103	13	679	SH	SOLE	1	679	0	0
BROOKFIELD RENEWABLE CORP A	CL A SUB VTG	11284V105	79	1,872	SH	SOLE	1	1,872	0	0
BROOKLINE BANCORP INC	COM	11373M107	747	49,990	SH	SOLE	1	49,990	0	0
BROOKLYN IMMUNOTHERAPEUTICS	COM	114082100	240	13,339	SH	SOLE	1	13,339	0	0
BROOKS AUTOMATION INC	COM	114340102	12,624	132,493	SH	SOLE	1	132,493	0	0
BROWN & BROWN INC	COM	115236101	24,425	459,641	SH	SOLE	1	459,641	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	54	764	SH	SOLE	1	764	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	4,269	56,970	SH	SOLE	1	56,970	0	0
BRP GROUP INC A	COM CL A	05589G102	689	25,865	SH	SOLE	1	25,865	0	0
BRT APARTMENTS CORP	COM	055645303	107	6,171	SH	SOLE	1	6,171	0	0
BRUKER CORP	COM	116794108	164	2,162	SH	SOLE	1	2,162	0	0
BRUNSWICK CORP	COM	117043109	13,794	138,468	SH	SOLE	1	138,468	0	0
BRUNSWICK ORD	COM	117043109	54,791	550	SH	SOLE	1	550	0	0
BRYN MAWR BANK CORP	COM	117665109	468	11,086	SH	SOLE	1	11,086	0	0
BTRS HOLDINGS INC	CL A	11778X104	335	26,568	SH	SOLE	1	26,568	0	0
BUCKLE INC/THE	COM	118440106	958	19,247	SH	SOLE	1	19,247	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	15,696	367,936	SH	SOLE	1	367,936	0	0
BUNGE LTD	COM	G16962105	134	1,718	SH	SOLE	1	1,718	0	0
BURLINGTON STORES INC	COM	122017106	441	1,369	SH	SOLE	1	1,369	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	249	10,867	SH	SOLE	1	10,867	0	0
BUTTERFLY NETWORK INC	CL A	124155102	264	18,210	SH	SOLE	1	18,210	0	0
BWX TECHNOLOGIES INC	COM	05605H100	105	1,805	SH	SOLE	1	1,805	0	0
BYLINE BANCORP INC	COM	124411109	324	14,302	SH	SOLE	1	14,302	0	0
BYRNA TECHNOLOGIES INC	COM	12448X201	135	5,939	SH	SOLE	1	5,939	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	3,820	40,784	SH	SOLE	1	40,784	0	0
C3.AI INC A	CL A	12468P104	17	272	SH	SOLE	1	272	0	0
C4 THERAPEUTICS INC	COM	12529R107	730	19,297	SH	SOLE	1	19,297	0	0
CABLE ONE INC	COM	12685J105	18,503	9,673	SH	SOLE	1	9,673	0	0
CABOT CORP	COM	127055101	7,478	131,349	SH	SOLE	1	131,349	0	0
CABOT OIL & GAS CORP	COM	127097103	2,214	126,790	SH	SOLE	1	126,790	0	0

CACI INTERNATIONAL INC CL A	CL A	127190304	10,673	41,834	SH	SOLE	1	41,834	0	0
CACTUS INC A	COM	127203107	1,123	30,587	SH	SOLE	1	30,587	0	0
CADENCE BANCORP	COM	12739A100	1,672	80,060	SH	SOLE	1	80,060	0	0
CADENCE DESIGN SYS INC	COM	127387108	17,966	131,311	SH	SOLE	1	131,311	0	0
CADIZ INC	COM	127537207	152	11,147	SH	SOLE	1	11,147	0	0
CAESARS ENTERTAINMENT INC	COM	12769G100	6,767	65,221	SH	SOLE	1	65,221	0	0
CAESARSTONE LTD	COM	M20598104	187	12,674	SH	SOLE	1	12,674	0	0
CAI INTERNATIONAL INC	COM	12477X106	511	9,117	SH	SOLE	1	9,117	0	0
CAL MAINE FOODS INC	COM	128030202	845	23,329	SH	SOLE	1	23,329	0	0
CALAMP CORP	COM	128126109	289	22,683	SH	SOLE	1	22,683	0	0
CALAVO GROWERS INC	COM	128246105	702	11,073	SH	SOLE	1	11,073	0	0
CALERES INC	COM	129500104	657	24,061	SH	SOLE	1	24,061	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q305	1,420	47,118	SH	SOLE	1	47,118	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,833	32,998	SH	SOLE	1	32,998	0	0
CALIX INC	COM	13100M509	1,454	30,609	SH	SOLE	1	30,609	0	0
CALLAWAY GOLF COMPANY	COM	131193104	9,110	270,084	SH	SOLE	1	270,084	0	0
CALLON PETROLEUM CO	COM	13123X508	1,527	26,476	SH	SOLE	1	26,476	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	243	5,023	SH	SOLE	1	5,023	0	0
CAMBRIDGE BANCORP	COM	132152109	317	3,824	SH	SOLE	1	3,824	0	0
CAMDEN NATIONAL CORP	COM	133034108	394	8,259	SH	SOLE	1	8,259	0	0
CAMDEN PROPERTY TRUST	COM	133131102	23,017	173,489	SH	SOLE	1	173,489	0	0
CAMPBELL SOUP CO	COM	134429109	125,992	2,763,578	SH	SOLE	1	2,763,578	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	981	23,921	SH	SOLE	1	23,921	0	0
CANNAE HOLDINGS INC	COM	13765N107	2,702	79,672	SH	SOLE	1	79,672	0	0
CANOO INC	CL A	13803R102	444	44,710	SH	SOLE	1	44,710	0	0
CANTALOUPE INC	COM	138103106	387	32,652	SH	SOLE	1	32,652	0	0
CAPITAL BANCORP INC/MD	COM	139737100	89	4,344	SH	SOLE	1	4,344	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	195	7,544	SH	SOLE	1	7,544	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	20,434	132,095	SH	SOLE	1	132,095	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	993	84,318	SH	SOLE	1	84,318	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	15,372	268,780	SH	SOLE	1	268,780	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	235	11,473	SH	SOLE	1	11,473	0	0
CAPSTEAD MORTGAGE CORP	COM	14067E506	381	62,069	SH	SOLE	1	62,069	0	0
CARA THERAPEUTICS INC	COM	140755109	410	28,726	SH	SOLE	1	28,726	0	0
CARDIFF ONCOLOGY INC	COM	14147L108	135	20,261	SH	SOLE	1	20,261	0	0
CARDINAL HEALTH INC	COM	14149Y108	162,465	2,845,768	SH	SOLE	1	2,845,768	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	1,092	25,595	SH	SOLE	1	25,595	0	0
CARDLYTICS INC	COM	14161W105	2,274	17,917	SH	SOLE	1	17,917	0	0
CAREDX INC	COM	14167L103	2,566	28,041	SH	SOLE	1	28,041	0	0
CARETRUST REIT INC	COM	14174T107	1,457	62,703	SH	SOLE	1	62,703	0	0
CARGURUS INC	COM	141788109	1,365	52,050	SH	SOLE	1	52,050	0	0
CARLISLE COS INC	COM	142339100	17,775	92,877	SH	SOLE	1	92,877	0	0
CARLOTZ INC	CL A	142552108	133	24,360	SH	SOLE	1	24,360	0	0

CARLYLE GROUP INC/THE	COM	14316J108	94	2,028	SH	SOLE	1	2,028	0	0
CARMAX INC	COM	143130102	6,444	49,893	SH	SOLE	1	49,893	0	0
CARMAX ORD	COM	143130102	38,745	300	SH	SOLE		300	0	0
CARNIVAL CORP	COM	143658300	6,437	244,213	SH	SOLE	1	244,213	0	0
CARPARTS.COM INC	COM	14427M107	541	26,550	SH	SOLE	1	26,550	0	0
CARPENTER TECHNOLOGY	COM	144285103	1,246	30,975	SH	SOLE	1	30,975	0	0
CARRIAGE SERVICES INC	COM	143905107	345	9,339	SH	SOLE	1	9,339	0	0
CARRIER GLOBAL CORP	COM	14448C104	12,440	255,964	SH	SOLE	1	255,964	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	113	18,731	SH	SOLE	1	18,731	0	0
CARS.COM INC	COM	14575E105	550	38,355	SH	SOLE	1	38,355	0	0
CARTER BANKSHARES INC	COM	146103106	182	14,515	SH	SOLE	1	14,515	0	0
CARTER S INC	COM	146229109	8,055	78,076	SH	SOLE	1	78,076	0	0
CARVANA CO	COM	146869102	492	1,630	SH	SOLE	1	1,630	0	0
CASA SYSTEMS INC	COM	14713L102	156	17,582	SH	SOLE	1	17,582	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	1,749	27,573	SH	SOLE	1	27,573	0	0
CASEY S GENERAL STORES INC	COM	147528103	12,775	65,634	SH	SOLE	1	65,634	0	0
CASPER SLEEP INC	COM	147626105	134	16,270	SH	SOLE	1	16,270	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	325	7,976	SH	SOLE	1	7,976	0	0
CASSAVA SCIENCES INC	COM	14817C107	1,832	21,439	SH	SOLE	1	21,439	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	875	11,938	SH	SOLE	1	11,938	0	0
CASTLIGHT HEALTH INC B	CL B	14862Q100	176	66,917	SH	SOLE	1	66,917	0	0
CATALENT INC	COM	148806102	5,735	53,039	SH	SOLE	1	53,039	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	313	54,409	SH	SOLE	1	54,409	0	0
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	321	27,409	SH	SOLE	1	27,409	0	0
CATERPILLAR INC	COM	149123101	41,366	190,073	SH	SOLE	1	190,073	0	0
CATHAY GENERAL BANCORP	COM	149150104	6,887	174,966	SH	SOLE	1	174,966	0	0
CATO CORP CLASS A	COM	149205106	216	12,810	SH	SOLE	1	12,810	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,319	5,935	SH	SOLE	1	5,935	0	0
CBIZ INC	COM	124805102	919	28,039	SH	SOLE	1	28,039	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	4,479	37,626	SH	SOLE	1	37,626	0	0
CBRE GROUP INC A	COM	12504L109	8,790	102,531	SH	SOLE	1	102,531	0	0
CBTX INC	COM	12481V104	282	10,313	SH	SOLE	1	10,313	0	0
CDK GLOBAL INC	COM	12508E101	10,757	216,489	SH	SOLE	1	216,489	0	0
CDW CORP/DE	COM	12514G108	9,271	53,084	SH	SOLE	1	53,084	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	125	17,434	SH	SOLE	1	17,434	0	0
CEL SCI CORP	COM	150837607	173	19,886	SH	SOLE	1	19,886	0	0
CELANESE CORP	COM	150870103	8,081	53,307	SH	SOLE	1	53,307	0	0
CELCUITY INC	COM	15102K100	107	4,467	SH	SOLE	1	4,467	0	0
CELLDEX THERAPEUTICS INC	COM	15117B202	735	21,970	SH	SOLE	1	21,970	0	0
CELSIUS HOLDINGS INC	COM	15118V207	2,162	28,419	SH	SOLE	1	28,419	0	0
CENTENE CORP	COM	15135B101	16,297	223,466	SH	SOLE	1	223,466	0	0
CENTENNIAL RESOURCE DEVELO A	CL A	15136A102	688	101,468	SH	SOLE	1	101,468	0	0
CENTERPOINT ENERGY INC	COM	15189T107	4,343	177,102	SH	SOLE	1	177,102	0	0
CENTERSPACE	COM	15202L107	676	8,569	SH	SOLE	1	8,569	0	0

CENTRAL GARDEN & PET CO	COM	153527106	338	6,388	SH	SOLE	1	6,388	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	1,266	26,209	SH	SOLE	1	26,209	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	469	18,009	SH	SOLE	1	18,009	0	0
CENTRUS ENERGY CORP CLASS A	CL A	15643U104	134	5,296	SH	SOLE	1	5,296	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	429	33,274	SH	SOLE	1	33,274	0	0
CENTURY BANCORP INC CL A	CL A	156432106	174	1,530	SH	SOLE	1	1,530	0	0
CENTURY CASINOS INC	COM	156492100	205	15,262	SH	SOLE	1	15,262	0	0
CENTURY COMMUNITIES INC	COM	156504300	1,293	19,436	SH	SOLE	1	19,436	0	0
CERECOR INC	COM	15671L109	97	29,670	SH	SOLE	1	29,670	0	0
CERENCE INC	COM	156727109	2,263	21,206	SH	SOLE	1	21,206	0	0
CEREVEL THERAPEUTICS HOLDING	COM	15678U128	506	19,759	SH	SOLE	1	19,759	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	22,376	233,273	SH	SOLE	1	233,273	0	0
CERNER CORP	COM	156782104	9,703	124,142	SH	SOLE	1	124,142	0	0
CERTARA INC	COM	15687V109	17	583	SH	SOLE	1	583	0	0
CERUS CORP	COM	157085101	557	94,253	SH	SOLE	1	94,253	0	0
CEVA INC	COM	157210105	693	14,653	SH	SOLE	1	14,653	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	3,367	65,435	SH	SOLE	1	65,435	0	0
CHAMPIONX CORP	COM	15872M104	11,388	443,963	SH	SOLE	1	443,963	0	0
CHANGE HEALTHCARE INC	COM	15912K100	71	3,083	SH	SOLE	1	3,083	0	0
CHANNELADVISOR CORP	COM	159179100	401	16,362	SH	SOLE	1	16,362	0	0
CHARGEPOINT HOLDINGS INC	CL A	15961R105	54	1,564	SH	SOLE	1	1,564	0	0
CHARLES RIVER LABORATORIES	COM	159864107	5,911	15,978	SH	SOLE	1	15,978	0	0
CHART INDUSTRIES INC	COM	16115Q308	3,458	23,635	SH	SOLE	1	23,635	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	38,105	52,817	SH	SOLE	1	52,817	0	0
CHASE CORP	COM	16150R104	428	4,167	SH	SOLE	1	4,167	0	0
CHATHAM LODGING TRUST	COM	16208T102	401	31,120	SH	SOLE	1	31,120	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	3,177	27,359	SH	SOLE	1	27,359	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	1,538	28,381	SH	SOLE	1	28,381	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	653	20,511	SH	SOLE	1	20,511	0	0
CHEGG INC	COM	163092109	222	2,674	SH	SOLE	1	2,674	0	0
CHEMED CORP	COM	16359R103	13,459	28,365	SH	SOLE	1	28,365	0	0
CHEMOCENTRYX INC	COM	16383L106	405	30,254	SH	SOLE	1	30,254	0	0
CHEMOURS CO/THE	COM	163851108	10,258	294,769	SH	SOLE	1	294,769	0	0
CHENIERE ENERGY INC	COM	16411R208	430	4,952	SH	SOLE	1	4,952	0	0
CHESAPEAKE ENERGY CORP	COM	165167735	2,875	55,369	SH	SOLE	1	55,369	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	1,350	11,219	SH	SOLE	1	11,219	0	0
CHEVRON CORP	COM	166764100	266,169	2,541,234	SH	SOLE	1	2,541,234	0	0
CHICKEN SOUP FOR THE SOUL EN	CL A	16842Q100	267	6,446	SH	SOLE	1	6,446	0	0
CHICO S FAS INC	COM	168615102	515	78,326	SH	SOLE	1	78,326	0	0
CHILDREN S PLACE INC/THE	COM	168905107	855	9,184	SH	SOLE	1	9,184	0	0

CHIMERA INVESTMENT CORP	COM	16934Q208	1,943	129,023	SH	SOLE	1	129,023	0	0
CHIMERIX INC	COM	16934W106	327	40,905	SH	SOLE	1	40,905	0	0
CHINOOK THERAPEUTICS INC	COM	16961L106	249	17,622	SH	SOLE	1	17,622	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	13,903	8,968	SH	SOLE	1	8,968	0	0
CHOICE HOTELS INTL INC	COM	169905106	6,145	51,699	SH	SOLE	1	51,699	0	0
CHROMADEX CORP	COM	171077407	259	26,261	SH	SOLE	1	26,261	0	0
CHUBB LTD	COM	H1467J104	25,812	162,400	SH	SOLE	1	162,400	0	0
CHURCH & DWIGHT CO INC	COM	171340102	6,455	75,745	SH	SOLE	1	75,745	0	0
CHURCHILL DOWNS INC	COM	171484108	12,279	61,933	SH	SOLE	1	61,933	0	0
CHUY S HOLDINGS INC	COM	171604101	482	12,933	SH	SOLE	1	12,933	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	21	2,325	SH	SOLE	1	2,325	0	0
CIENA CORP	COM	171779309	15,660	275,273	SH	SOLE	1	275,273	0	0
CIGNA CORP	COM	125523100	23,801	100,396	SH	SOLE	1	100,396	0	0
CIMAREX ENERGY CO	COM	171798101	13,244	182,808	SH	SOLE	1	182,808	0	0
CIMPRESS PLC	SHS EURO	G2143T103	1,066	9,831	SH	SOLE	1	9,831	0	0
CINCINNATI BELL INC	COM	171871502	506	32,813	SH	SOLE	1	32,813	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	5,330	45,707	SH	SOLE	1	45,707	0	0
CINEMARK HOLDINGS INC	COM	17243V102	5,541	252,452	SH	SOLE	1	252,452	0	0
CINTAS CORP	COM	172908105	13,645	35,720	SH	SOLE	1	35,720	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	395	12,121	SH	SOLE	1	12,121	0	0
CIRRUS LOGIC INC	COM	172755100	8,699	102,194	SH	SOLE	1	102,194	0	0
CISCO SYSTEMS INC	COM	17275R102	288,786	5,448,786	SH	SOLE	1	5,448,786	0	0
CIT GROUP INC	COM	125581801	11,886	230,388	SH	SOLE	1	230,388	0	0
CITI TRENDS INC	COM	17306X102	435	4,995	SH	SOLE	1	4,995	0	0
CITIGROUP INC	COM	172967424	44,405	627,634	SH	SOLE	1	627,634	0	0
CITIUS PHARMACEUTICALS INC	COM	17322U207	221	63,629	SH	SOLE	1	63,629	0	0
CITIZENS & NORTHERN CORP	COM	172922106	213	8,699	SH	SOLE	1	8,699	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	7,830	170,697	SH	SOLE	1	170,697	0	0
CITIZENS INC	COM	174740100	148	27,970	SH	SOLE	1	27,970	0	0
CITRIX SYSTEMS INC	COM	177376100	4,993	42,573	SH	SOLE	1	42,573	0	0
CITY HOLDING CO	COM	177835105	758	10,073	SH	SOLE	1	10,073	0	0
CITY OFFICE REIT INC	COM	178587101	298	23,937	SH	SOLE	1	23,937	0	0
CIVISTA BANCSHARES INC	COM	178867107	192	8,709	SH	SOLE	1	8,709	0	0
CLARIVATE PLC	ORD SHS	G21810109	142	5,150	SH	SOLE	1	5,150	0	0
CLARUS CORP	COM	18270P109	348	13,548	SH	SOLE	1	13,548	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	791	77,937	SH	SOLE	1	77,937	0	0
CLEAN HARBORS INC	COM	184496107	8,307	89,184	SH	SOLE	1	89,184	0	0
CLEANSARK INC	COM	18452B209	305	18,344	SH	SOLE	1	18,344	0	0
CLEAR CHANNEL OUTDOOR HOLDIN	COM	18453H106	537	203,520	SH	SOLE	1	203,520	0	0
CLEARFIELD INC	COM	18482P103	239	6,385	SH	SOLE	1	6,385	0	0
CLEARPOINT NEURO INC	COM	18507C103	201	10,544	SH	SOLE	1	10,544	0	0
CLEARWATER PAPER CORP	COM	18538R103	311	10,727	SH	SOLE	1	10,727	0	0
CLEARWAY ENERGY INC A	COM	18539C105	493	19,535	SH	SOLE	1	19,535	0	0
CLEARWAY ENERGY INC C	COM	18539C204	1,218	45,985	SH	SOLE	1	45,985	0	0

CLENE INC	COM	185634102	144	12,821	SH	SOLE	1	12,821	0	0
CLEVELAND CLIFFS INC	COM	185899101	17,596	816,143	SH	SOLE	1	816,143	0	0
CLIPPER REALTY INC	COM	18885T306	50	6,837	SH	SOLE	1	6,837	0	0
CLOROX COMPANY	COM	189054109	126,739	704,459	SH	SOLE	1	704,459	0	0
CLOUDERA INC	COM	18914U100	2,057	129,709	SH	SOLE	1	129,709	0	0
CLOUDFLARE INC CLASS A	COM	18915M107	549	5,189	SH	SOLE	1	5,189	0	0
CLOVIS ONCOLOGY INC	COM	189464100	324	55,816	SH	SOLE	1	55,816	0	0
CMC MATERIALS INC	COM	12571T100	10,247	67,975	SH	SOLE	1	67,975	0	0
CME GROUP INC	COM	12572Q105	27,688	130,186	SH	SOLE	1	130,186	0	0
CMS ENERGY CORP	COM	125896100	6,813	115,317	SH	SOLE	1	115,317	0	0
CNA FINANCIAL CORP	COM	126117100	16	345	SH	SOLE	1	345	0	0
CNB FINANCIAL CORP/PA	COM	126128107	206	9,010	SH	SOLE	1	9,010	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	7,220	305,673	SH	SOLE	1	305,673	0	0
CNX RESOURCES CORP	COM	12653C108	6,982	511,156	SH	SOLE	1	511,156	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	151	5,302	SH	SOLE	1	5,302	0	0
COCA COLA CO/THE	COM	191216100	217,815	4,025,418	SH	SOLE	1	4,025,418	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	1,226	3,048	SH	SOLE	1	3,048	0	0
COCA COLA EUROPACIFIC PARTNE	COM	G25839104	2,472	41,674	SH	SOLE	1	41,674	0	0
COCA-COLA ORD	COM	191216100	27,055	500	SH	SOLE		500	0	0
CODEXIS INC	COM	192005106	764	33,730	SH	SOLE	1	33,730	0	0
CODIAK BIOSCIENCES INC	COM	192010106	163	8,799	SH	SOLE	1	8,799	0	0
COEUR MINING INC	COM	192108504	1,206	135,825	SH	SOLE	1	135,825	0	0
COGENT BIOSCIENCES INC	COM	19240Q201	169	20,820	SH	SOLE	1	20,820	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	2,127	27,667	SH	SOLE	1	27,667	0	0
COGNEX CORP	COM	192422103	26,488	315,141	SH	SOLE	1	315,141	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	14,578	210,482	SH	SOLE	1	210,482	0	0
COHEN & STEERS INC	COM	19247A100	1,144	13,937	SH	SOLE	1	13,937	0	0
COHERENT INC	COM	192479103	11,569	43,765	SH	SOLE	1	43,765	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	579	41,871	SH	SOLE	1	41,871	0	0
COHU INC	COM	192576106	1,147	31,169	SH	SOLE	1	31,169	0	0
COLFAX CORP	COM	194014106	9,600	209,554	SH	SOLE	1	209,554	0	0
COLGATE PALMOLIVE CO	COM	194162103	154,549	1,899,801	SH	SOLE	1	1,899,801	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	540	22,859	SH	SOLE	1	22,859	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	1,801	46,719	SH	SOLE	1	46,719	0	0
COLUMBIA FINANCIAL INC	COM	197641103	387	22,499	SH	SOLE	1	22,499	0	0
COLUMBIA PROPERTY TRUST INC	COM NEW	198287203	1,118	64,265	SH	SOLE	1	64,265	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	5,355	54,443	SH	SOLE	1	54,443	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	753	15,600	SH	SOLE	1	15,600	0	0
COMCAST CORP CLASS A	COM	20030N101	123,063	2,158,240	SH	SOLE	1	2,158,240	0	0
COMERICA INC	COM	200340107	3,038	42,590	SH	SOLE	1	42,590	0	0
COMFORT SYSTEMS USA INC	COM	199908104	1,829	23,211	SH	SOLE	1	23,211	0	0
COMMERCE BANCSHARES INC	COM	200525103	13,952	187,130	SH	SOLE	1	187,130	0	0

COMMERCIAL METALS CO	COM	201723103	8,598	279,881	SH	SOLE	1	279,881	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	191	17,961	SH	SOLE	1	17,961	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	90	4,241	SH	SOLE	1	4,241	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	2,633	34,806	SH	SOLE	1	34,806	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	1,246	80,686	SH	SOLE	1	80,686	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	718	15,123	SH	SOLE	1	15,123	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	352	8,717	SH	SOLE	1	8,717	0	0
COMMVault SYSTEMS INC	COM	204166102	8,196	104,849	SH	SOLE	1	104,849	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	4,690	79,144	SH	SOLE	1	79,144	0	0
COMPUTER PROGRAMS & SYSTEMS	COM	205306103	300	9,041	SH	SOLE	1	9,041	0	0
COMPX INTERNATIONAL INC	COM	20563P101	19	899	SH	SOLE	1	899	0	0
COMSCORE INC	COM	20564W105	193	38,526	SH	SOLE	1	38,526	0	0
COMSTOCK RESOURCES INC	COM	205768302	342	51,318	SH	SOLE	1	51,318	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	401	16,608	SH	SOLE	1	16,608	0	0
CONAGRA BRANDS INC	COM	205887102	5,321	146,275	SH	SOLE	1	146,275	0	0
CONCENTRIX CORP	COM	20602D101	11,896	73,981	SH	SOLE	1	73,981	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	122	14,459	SH	SOLE	1	14,459	0	0
CONDUENT INC	COM	206787103	704	93,883	SH	SOLE	1	93,883	0	0
CONMED CORP	COM	207410101	2,592	18,862	SH	SOLE	1	18,862	0	0
CONN S INC	COM	208242107	299	11,731	SH	SOLE	1	11,731	0	0
CONNECTONE BANCORP INC	COM	20786W107	547	20,904	SH	SOLE	1	20,904	0	0
CONOCOPHILLIPS	COM	20825C104	24,044	394,806	SH	SOLE	1	394,806	0	0
CONSOL ENERGY INC	COM	20854L108	404	21,892	SH	SOLE	1	21,892	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	417	47,408	SH	SOLE	1	47,408	0	0
CONSOLIDATED EDISON INC	COM	209115104	11,801	164,542	SH	SOLE	1	164,542	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	11,565	49,445	SH	SOLE	1	49,445	0	0
CONSTELLATION PHARMACEUTICAL	COM	210373106	687	20,327	SH	SOLE	1	20,327	0	0
CONSTELLIUM SE	CL A	F21107101	1,304	68,796	SH	SOLE	1	68,796	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	501	15,961	SH	SOLE	1	15,961	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	232	17,815	SH	SOLE	1	17,815	0	0
CONTANGO OIL & GAS	COM	21075N204	356	82,308	SH	SOLE	1	82,308	0	0
CONTINENTAL RESOURCES INC/OK	COM	212015101	33	871	SH	SOLE	1	871	0	0
COOPER COS INC/THE	COM	216648402	7,028	17,736	SH	SOLE	1	17,736	0	0
COOPER STANDARD HOLDING	COM	21676P103	317	10,937	SH	SOLE	1	10,937	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	30	394	SH	SOLE	1	394	0	0
COPART INC	COM	217204106	10,706	81,207	SH	SOLE	1	81,207	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	1,397	63,518	SH	SOLE	1	63,518	0	0
CORE LABORATORIES N.V.	COM	N22717107	161	4,122	SH	SOLE	1	4,122	0	0
CORE MARK HOLDING CO INC	COM	218681104	1,308	29,050	SH	SOLE	1	29,050	0	0

CORECIVIC INC	COM	21871N101	816	77,925	SH	SOLE	1	77,925	0	0
COREPOINT LODGING INC	COM	21872L104	236	22,048	SH	SOLE	1	22,048	0	0
CORESITE REALTY CORP	COM	21870Q105	10,316	76,643	SH	SOLE	1	76,643	0	0
CORMEDIX INC	COM	21900C308	146	21,233	SH	SOLE	1	21,233	0	0
CORNERSTONE BUILDING BRANDS	COM	21925D109	558	30,682	SH	SOLE	1	30,682	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	1,821	35,298	SH	SOLE	1	35,298	0	0
CORNING INC	COM	219350105	10,213	249,704	SH	SOLE	1	249,704	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	7,318	261,449	SH	SOLE	1	261,449	0	0
CORSAIR GAMING INC	COM	22041X102	502	15,069	SH	SOLE	1	15,069	0	0
CORTEVA INC	COM	22052L104	9,974	224,886	SH	SOLE	1	224,886	0	0
CORTEXYME INC	COM	22053A107	592	11,178	SH	SOLE	1	11,178	0	0
CORVEL CORP	COM	221006109	773	5,753	SH	SOLE	1	5,753	0	0
COSTAMARE INC	COM	Y1771G102	349	29,580	SH	SOLE	1	29,580	0	0
COSTAR GROUP INC	COM	22160N109	624	7,530	SH	SOLE	1	7,530	0	0
COSTCO WHOLESALE CORP	COM	22160K105	62,622	158,269	SH	SOLE	1	158,269	0	0
COTY INC CL A	CL A	222070203	4,704	503,637	SH	SOLE	1	503,637	0	0
COUPA SOFTWARE INC	COM	22266L106	405	1,547	SH	SOLE	1	1,547	0	0
COURSERA INC	COM	22266M104	267	6,753	SH	SOLE	1	6,753	0	0
COUSINS PROPERTIES INC	COM	222795502	9,712	264,069	SH	SOLE	1	264,069	0	0
COVANTA HOLDING CORP	COM	22282E102	1,182	67,135	SH	SOLE	1	67,135	0	0
COVENANT LOGISTICS GROUP INC	CL A	22284P105	142	6,882	SH	SOLE	1	6,882	0	0
COVETRUS INC	COM	22304C100	1,806	66,873	SH	SOLE	1	66,873	0	0
COWEN INC A	COM	223622606	598	14,557	SH	SOLE	1	14,557	0	0
CRA INTERNATIONAL INC	COM	12618T105	341	3,986	SH	SOLE	1	3,986	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	8,187	55,144	SH	SOLE	1	55,144	0	0
CRANE CO	COM	224399105	8,146	88,193	SH	SOLE	1	88,193	0	0
CRAWFORD & COMPANY CL A	CL A	224633206	83	9,123	SH	SOLE	1	9,123	0	0
CREDICORP LTD	COM	G2519Y108	110	907	SH	SOLE	1	907	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	56	123	SH	SOLE	1	123	0	0
CREE INC	COM	225447101	20,088	205,127	SH	SOLE	1	205,127	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	385	20,439	SH	SOLE	1	20,439	0	0
CROCS INC	COM	227046109	17,625	151,261	SH	SOLE	1	151,261	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	384	23,236	SH	SOLE	1	23,236	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	364	26,438	SH	SOLE	1	26,438	0	0
CROWDSTRIKE HOLDINGS INC A	CL A	22788C105	852	3,392	SH	SOLE	1	3,392	0	0
CROWN CASTLE INTL CORP	COM	22822V101	28,716	147,184	SH	SOLE	1	147,184	0	0
CROWN HOLDINGS INC	COM	228368106	180	1,759	SH	SOLE	1	1,759	0	0
CRYOLIFE INC	COM	228903100	704	24,786	SH	SOLE	1	24,786	0	0
CRYOPORT INC	COM	229050307	1,434	22,728	SH	SOLE	1	22,728	0	0
CSG SYSTEMS INTL INC	COM	126349109	999	21,169	SH	SOLE	1	21,169	0	0
CSW INDUSTRIALS INC	COM	126402106	908	7,668	SH	SOLE	1	7,668	0	0
CSX CORP	COM	126408103	31,507	982,142	SH	SOLE	1	982,142	0	0
CTO REALTY GROWTH INC	COM	22948Q101	175	3,272	SH	SOLE	1	3,272	0	0
CTS CORP	COM	126501105	772	20,769	SH	SOLE	1	20,769	0	0

CUBESMART	COM	229663109	116	2,509	SH	SOLE	1	2,509	0	0
CUE BIOPHARMA INC	COM	22978P106	194	16,685	SH	SOLE	1	16,685	0	0
CULLEN/FROST BANKERS INC	COM	229899109	11,253	100,475	SH	SOLE	1	100,475	0	0
CULLINAN ONCOLOGY IN	COM	230031106	31,511	1,223,712	SH	SOLE	2	1,223,712	0	0
CULLINAN ONCOLOGY INC	COM	230031106	191	7,409	SH	SOLE	1	7,409	0	0
CUMMINS INC	COM	231021106	12,799	52,497	SH	SOLE	1	52,497	0	0
CUREVAC NV	COM	N2451R105	83	1,123	SH	SOLE	1	1,123	0	0
CURIOSITYSTREAM INC	CL A	23130Q107	199	14,581	SH	SOLE	1	14,581	0	0
CURIS INC	COM	231269200	392	48,529	SH	SOLE	1	48,529	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	201	11,807	SH	SOLE	1	11,807	0	0
CURTISS WRIGHT CORP	COM	231561101	8,636	72,722	SH	SOLE	1	72,722	0	0
CUSHMAN & WAKEFIELD PLC	COM	G2717B108	1,149	65,767	SH	SOLE	1	65,767	0	0
CUSTOM TRUCK ONE SOURCE INC	CL A	23204X103	69	7,291	SH	SOLE	1	7,291	0	0
CUSTOMERS BANCORP INC	COM	23204G100	756	19,392	SH	SOLE	1	19,392	0	0
CUTERA INC	COM	232109108	561	11,441	SH	SOLE	1	11,441	0	0
CVB FINANCIAL CORP	COM	126600105	1,726	83,808	SH	SOLE	1	83,808	0	0
CVR ENERGY INC	COM	12662P108	298	16,583	SH	SOLE	1	16,583	0	0
CVS HEALTH CORP	COM	126650100	55,124	660,643	SH	SOLE	1	660,643	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	687	5,276	SH	SOLE	1	5,276	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	169	38,837	SH	SOLE	1	38,837	0	0
CYRUSONE INC	COM	23283R100	15,568	217,678	SH	SOLE	1	217,678	0	0
CYTOKINETICS INC	COM	23282W605	882	44,549	SH	SOLE	1	44,549	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	230	36,342	SH	SOLE	1	36,342	0	0
CYTOSORBENTS CORP	COM	23283X206	174	23,106	SH	SOLE	1	23,106	0	0
DAILY JOURNAL CORP	COM	233912104	230	678	SH	SOLE	1	678	0	0
DAKTRONICS INC	COM	234264109	157	23,862	SH	SOLE	1	23,862	0	0
DANA INC	COM	235825205	8,019	337,495	SH	SOLE	1	337,495	0	0
DANAHER CORP	COM	235851102	63,805	237,759	SH	SOLE	1	237,759	0	0
DANIMER SCIENTIFIC INC	CL A	236272100	965	38,531	SH	SOLE	1	38,531	0	0
DARDEN RESTAURANTS INC	COM	237194105	5,937	40,670	SH	SOLE	1	40,670	0	0
DARIOHEALTH CORP	COM	23725P209	161	7,554	SH	SOLE	1	7,554	0	0
DARLING INGREDIENTS INC	COM	237266101	19,570	289,921	SH	SOLE	1	289,921	0	0
DASEKE INC	COM	23753F107	153	23,539	SH	SOLE	1	23,539	0	0
DATADOG INC CLASS A	COM	23804L103	499	4,791	SH	SOLE	1	4,791	0	0
DATTO HOLDING CORP	COM	23821D100	8	298	SH	SOLE	1	298	0	0
DAVE & BUSTER S ENTERTAINMEN	COM	238337109	1,156	28,474	SH	SOLE	1	28,474	0	0
DAVITA INC	COM	23918K108	2,750	22,838	SH	SOLE	1	22,838	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	807	22,052	SH	SOLE	1	22,052	0	0
DECKERS OUTDOOR CORP	COM	243537107	18,989	49,441	SH	SOLE	1	49,441	0	0
DEERE & CO	COM	244199105	38,535	109,255	SH	SOLE	1	109,255	0	0
DEL TACO RESTAURANTS INC	COM	245496104	167	16,733	SH	SOLE	1	16,733	0	0
DELEK US HOLDINGS INC	COM	24665A103	795	36,794	SH	SOLE	1	36,794	0	0
DELTA AIR LINES INC	COM	247361702	12,019	277,830	SH	SOLE	1	277,830	0	0
DELUXE CORP	COM	248019101	1,307	27,358	SH	SOLE	1	27,358	0	0
DENALI THERAPEUTICS	COM	24823R105	3,999	50,980	SH	SOLE	1	50,980	0	0

INC											
DENBURY INC	COM	24790A101	2,171	28,275	SH	SOLE	1	28,275	0	0	
DENNY S CORP	COM	24869P104	579	35,112	SH	SOLE	1	35,112	0	0	
DENTSPLY SIRONA INC	COM	24906P109	4,911	77,625	SH	SOLE	1	77,625	0	0	
DERMTECH INC	COM	24984K105	552	13,284	SH	SOLE	1	13,284	0	0	
DESIGN THERAPEUTICS INC	COM	25056L103	150	7,551	SH	SOLE	1	7,551	0	0	
DESIGNER BRANDS INC CLASS A	COM	250565108	645	38,966	SH	SOLE	1	38,966	0	0	
DESKTOP METAL INC A	CL A	25058X105	539	46,846	SH	SOLE	1	46,846	0	0	
DEVON ENERGY CORP	COM	25179M103	5,756	197,200	SH	SOLE	1	197,200	0	0	
DEXCOM INC	COM	252131107	17,501	40,987	SH	SOLE	1	40,987	0	0	
DHT HOLDINGS INC	COM	Y2065G121	527	81,137	SH	SOLE	1	81,137	0	0	
DIAMOND HILL INVESTMENT GRP	COM	25264R207	285	1,702	SH	SOLE	1	1,702	0	0	
DIAMOND S SHIPPING INC	COM	Y20676105	174	17,478	SH	SOLE	1	17,478	0	0	
DIAMONDBACK ENERGY INC	COM	25278X109	6,221	66,261	SH	SOLE	1	66,261	0	0	
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,319	135,940	SH	SOLE	1	135,940	0	0	
DICERNA PHARMACEUTICALS INC	COM	253031108	1,440	38,582	SH	SOLE	1	38,582	0	0	
DICK S SPORTING GOODS INC	COM	253393102	11,661	116,385	SH	SOLE	1	116,385	0	0	
DIEBOLD NIXDORF INC	COM	253651103	607	47,288	SH	SOLE	1	47,288	0	0	
DIGI INTERNATIONAL INC	COM	253798102	441	21,951	SH	SOLE	1	21,951	0	0	
DIGIMARC CORP	COM	25381B101	239	7,139	SH	SOLE	1	7,139	0	0	
DIGITAL MEDIA SOLUTIONS A	CL A	25401G106	16	1,687	SH	SOLE	1	1,687	0	0	
DIGITAL REALTY TRUST INC	COM	253868103	13,199	87,727	SH	SOLE	1	87,727	0	0	
DIGITAL TURBINE INC	COM	25400W102	3,600	47,346	SH	SOLE	1	47,346	0	0	
DIGITALBRIDGE GROUP INC	CL A	25401T108	2,117	267,953	SH	SOLE	1	267,953	0	0	
DIGITALOCEAN HOLDINGS INC	COM	25402D102	402	7,225	SH	SOLE	1	7,225	0	0	
DILLARDS INC CL A	CL A	254067101	637	3,521	SH	SOLE	1	3,521	0	0	
DIME COMMUNITY BANCSHARES IN	COM	25432X102	767	22,818	SH	SOLE	1	22,818	0	0	
DINE BRANDS GLOBAL INC	COM	254423106	951	10,661	SH	SOLE	1	10,661	0	0	
DIODES INC	COM	254543101	2,250	28,205	SH	SOLE	1	28,205	0	0	
DISCOVER FINANCIAL SERVICES	COM	254709108	14,301	120,896	SH	SOLE	1	120,896	0	0	
DISCOVERY INC A	COM	25470F104	1,577	51,408	SH	SOLE	1	51,408	0	0	
DISCOVERY INC C	COM	25470F302	2,662	91,842	SH	SOLE	1	91,842	0	0	
DISH NETWORK CORP A	COM	25470M109	4,281	102,421	SH	SOLE	1	102,421	0	0	
DIVERSEY HOLDINGS LTD	ORD SHS	G28923103	18	983	SH	SOLE	1	983	0	0	
DIVERSIFIED HEALTHCARE TRUST	COM SH BEN INT	25525P107	645	154,213	SH	SOLE	1	154,213	0	0	
DMC GLOBAL INC	COM	23291C103	679	12,077	SH	SOLE	1	12,077	0	0	
DOCUSIGN INC	COM	256163106	4,541	16,243	SH	SOLE	1	16,243	0	0	
DOLBY LABORATORIES INC CL A	CL A	25659T107	79	802	SH	SOLE	1	802	0	0	
DOLLAR GENERAL CORP	COM	256677105	17,625	81,452	SH	SOLE	1	81,452	0	0	
DOLLAR TREE INC	COM	256746108	8,489	85,317	SH	SOLE	1	85,317	0	0	
DOMINION ENERGY INC	COM	25746U109	17,360	235,968	SH	SOLE	1	235,968	0	0	
DOMINO S PIZZA INC	COM	25754A201	5,720	12,262	SH	SOLE	1	12,262	0	0	
DOMO INC CLASS B	COM	257554105	1,248	15,444	SH	SOLE	1	15,444	0	0	

DOMTAR CORP	COM	257559203	1,785	32,484	SH	SOLE	1	32,484	0	0
DONALDSON CO INC	COM	257651109	14,243	224,186	SH	SOLE	1	224,186	0	0
DONEGAL GROUP INC CL A	CL A	257701201	119	8,161	SH	SOLE	1	8,161	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	632	19,159	SH	SOLE	1	19,159	0	0
DOORDASH INC A	CL A	25809K105	301	1,686	SH	SOLE	1	1,686	0	0
DORIAN LPG LTD	COM	Y2106R110	270	19,157	SH	SOLE	1	19,157	0	0
DORMAN PRODUCTS INC	COM	258278100	1,817	17,529	SH	SOLE	1	17,529	0	0
DOUBLEVERIFY HOLDINGS INC	COM	25862V105	14	322	SH	SOLE	1	322	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	515	12,659	SH	SOLE	1	12,659	0	0
DOUGLAS EMMETT INC	COM	25960P109	9,852	293,030	SH	SOLE	1	293,030	0	0
DOUYU INTERNATIONAL HOLD ADR	SPON ADR	25985W105	8	1,200	SH	SOLE	1	1,200	0	0
DOVER CORP	COM	260003108	6,612	43,903	SH	SOLE	1	43,903	0	0
DOW INC	COM	260557103	200,715	3,171,848	SH	SOLE	1	3,171,848	0	0
DR HORTON INC	COM	23331A109	11,011	121,846	SH	SOLE	1	121,846	0	0
DRAFTKINGS INC CL A	CL A	26142R104	335	6,419	SH	SOLE	1	6,419	0	0
DRIL QUIP INC	COM	262037104	772	22,830	SH	SOLE	1	22,830	0	0
DRIVE SHACK INC	COM	262077100	153	46,290	SH	SOLE	1	46,290	0	0
DRIVEN BRANDS HOLDINGS INC	COM	26210V102	14	458	SH	SOLE	1	458	0	0
DROPBOX INC CLASS A	COM	26210C104	195	6,442	SH	SOLE	1	6,442	0	0
DSP GROUP INC	COM	23332B106	217	14,645	SH	SOLE	1	14,645	0	0
DTE ENERGY COMPANY	COM	233331107	7,658	59,092	SH	SOLE	1	59,092	0	0
DUCK CREEK TECHNOLOG	SHS	264120106	116,375	2,674,677	SH	SOLE	2	2,674,677	0	0
DUCK CREEK TECHNOLOGIES INC	SHS	264120106	45	1,034	SH	SOLE	1	1,034	0	0
DUCKHORN PORTFOLIO INC/THE	COM	26414D106	249	11,310	SH	SOLE	1	11,310	0	0
DUCOMMUN INC	COM	264147109	333	6,096	SH	SOLE	1	6,096	0	0
DUKE ENERGY CORP	COM	26441C204	22,217	225,054	SH	SOLE	1	225,054	0	0
DUKE REALTY CORP	COM	264411505	5,452	115,151	SH	SOLE	1	115,151	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	141	6,804	SH	SOLE	1	6,804	0	0
DUN & BRADSTREET HOLDINGS IN	COM	26484T106	43	2,001	SH	SOLE	1	2,001	0	0
DUPONT DE NEMOURS INC	COM	26614N102	12,052	155,693	SH	SOLE	1	155,693	0	0
DURECT CORPORATION	COM	266605104	207	126,761	SH	SOLE	1	126,761	0	0
DXC TECHNOLOGY CO	COM	23355L106	4,294	110,281	SH	SOLE	1	110,281	0	0
DXP ENTERPRISES INC	COM	233377407	385	11,562	SH	SOLE	1	11,562	0	0
DYCOM INDUSTRIES INC	COM	267475101	5,295	71,042	SH	SOLE	1	71,042	0	0
DYNATRACE INC	COM	268150109	222	3,794	SH	SOLE	1	3,794	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	595	60,410	SH	SOLE	1	60,410	0	0
DYNE THERAPEUTICS INC	COM	26818M108	354	16,828	SH	SOLE	1	16,828	0	0
DYNEX CAPITAL INC	COM	26817Q886	318	17,037	SH	SOLE	1	17,037	0	0
DZS INC	COM	268211109	195	9,420	SH	SOLE	1	9,420	0	0
E2OPEN PARENT HOLDINGS INC	CL A	29788T103	267	23,409	SH	SOLE	1	23,409	0	0
EAGLE BANCORP INC	COM	268948106	1,154	20,574	SH	SOLE	1	20,574	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A150	221	4,669	SH	SOLE	1	4,669	0	0
EAGLE MATERIALS INC	COM	26969P108	10,697	75,270	SH	SOLE	1	75,270	0	0
EAGLE PHARMACEUTICALS	COM	269796108	323	7,548	SH	SOLE	1	7,548	0	0

INC											
EARGO INC	COM	270087109	432	10,816	SH	SOLE	1	10,816	0	0	
EARTHSTONE ENERGY INC A	COM	27032D304	149	13,428	SH	SOLE	1	13,428	0	0	
EAST WEST BANCORP INC	COM	27579R104	18,066	252,004	SH	SOLE	1	252,004	0	0	
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	1,154	54,722	SH	SOLE	1	54,722	0	0	
EASTERN BANKSHARES INC	COM	27627N105	1,980	96,268	SH	SOLE	1	96,268	0	0	
EASTGROUP PROPERTIES INC	COM	277276101	15,274	92,879	SH	SOLE	1	92,879	0	0	
EASTMAN CHEMICAL CO	COM	277432100	7,640	65,440	SH	SOLE	1	65,440	0	0	
EASTMAN KODAK CO	COM	277461406	209	25,142	SH	SOLE	1	25,142	0	0	
EATON CORP PLC	COM	G29183103	21,140	142,664	SH	SOLE	1	142,664	0	0	
EBAY INC	COM	278642103	22,899	326,145	SH	SOLE	1	326,145	0	0	
EBIX INC	COM	278715206	575	16,964	SH	SOLE	1	16,964	0	0	
ECHO GLOBAL LOGISTICS INC	COM	27875T101	527	17,135	SH	SOLE	1	17,135	0	0	
EHOSTAR CORP A	COM	278768106	563	23,168	SH	SOLE	1	23,168	0	0	
ECOLAB INC	COM	278865100	18,128	88,011	SH	SOLE	1	88,011	0	0	
EDGEWELL PERSONAL CARE CO	COM	28035Q102	1,549	35,278	SH	SOLE	1	35,278	0	0	
EDGEWISE THERAPEUTICS INC	COM	28036F105	147	6,914	SH	SOLE	1	6,914	0	0	
EDISON INTERNATIONAL	COM	281020107	6,688	115,676	SH	SOLE	1	115,676	0	0	
EDITAS MEDICINE INC	COM	28106W103	2,171	38,321	SH	SOLE	1	38,321	0	0	
EDWARDS LIFESCIENCES CORP	COM	28176E108	21,897	211,418	SH	SOLE	1	211,418	0	0	
EGAIN CORP	COM	28225C806	132	11,455	SH	SOLE	1	11,455	0	0	
EHEALTH INC	COM	28238P109	935	16,008	SH	SOLE	1	16,008	0	0	
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	153	17,939	SH	SOLE	1	17,939	0	0	
EL POLLO LOCO HOLDINGS INC	COM	268603107	226	12,363	SH	SOLE	1	12,363	0	0	
ELANCO ANIMAL HEALTH INC	COM	28414H103	193	5,564	SH	SOLE	1	5,564	0	0	
ELASTIC NV	COM	N14506104	210	1,443	SH	SOLE	1	1,443	0	0	
ELECTRONIC ARTS INC	COM	285512109	17,792	123,699	SH	SOLE	1	123,699	0	0	
ELEMENT SOLUTIONS INC	COM	28618M106	68	2,891	SH	SOLE	1	2,891	0	0	
ELF BEAUTY INC	COM	26856L103	788	29,040	SH	SOLE	1	29,040	0	0	
ELI LILLY & CO	COM	532457108	59,986	261,352	SH	SOLE	1	261,352	0	0	
ELLINGTON FINANCIAL INC	COM	28852N109	515	26,901	SH	SOLE	1	26,901	0	0	
EMCOR GROUP INC	COM	29084Q100	15,590	126,554	SH	SOLE	1	126,554	0	0	
EMCORE CORP	COM	290846203	189	20,466	SH	SOLE	1	20,466	0	0	
EMERALD HOLDING INC	COM	29103W104	73	13,570	SH	SOLE	1	13,570	0	0	
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	6,790	107,795	SH	SOLE	1	107,795	0	0	
EMERSON ELECTRIC CO	COM	291011104	40,391	419,687	SH	SOLE	1	419,687	0	0	
EMPIRE STATE REALTY TRUST A	COM	292104106	962	80,145	SH	SOLE	1	80,145	0	0	
EMPLOYERS HOLDINGS INC	COM	292218104	792	18,502	SH	SOLE	1	18,502	0	0	
ENANTA PHARMACEUTICALS INC	COM	29251M106	546	12,395	SH	SOLE	1	12,395	0	0	
ENCOMPASS HEALTH CORP	COM	29261A100	13,834	177,290	SH	SOLE	1	177,290	0	0	
ENCORE CAPITAL	COM	292554102	951	20,074	SH	SOLE	1	20,074	0	0	

GROUP INC										
ENCORE WIRE CORP	COM	292562105	994	13,112	SH	SOLE	1	13,112	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	698	149,208	SH	SOLE	1	149,208	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	6,045	140,655	SH	SOLE	1	140,655	0	0
ENERGY FUELS INC	COM	292671708	478	79,015	SH	SOLE	1	79,015	0	0
ENERGY RECOVERY INC	COM	29270J100	538	23,631	SH	SOLE	1	23,631	0	0
ENERPAC TOOL GROUP CORP	CL A	292765104	1,044	39,213	SH	SOLE	1	39,213	0	0
ENERSYS	COM	29275Y102	9,733	99,588	SH	SOLE	1	99,588	0	0
ENNIS INC	COM	293389102	308	14,302	SH	SOLE	1	14,302	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	807	23,602	SH	SOLE	1	23,602	0	0
ENPHASE ENERGY INC	COM	29355A107	7,926	43,161	SH	SOLE	1	43,161	0	0
ENPRO INDUSTRIES INC	COM	29355X107	1,302	13,403	SH	SOLE	1	13,403	0	0
ENSIGN GROUP INC/THE	COM	29358P101	2,951	34,048	SH	SOLE	1	34,048	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,842	7,710	SH	SOLE	1	7,710	0	0
ENTEGRIS INC	COM	29362U104	350	2,845	SH	SOLE	1	2,845	0	0
ENERGY CORP	COM	29364G103	6,103	61,214	SH	SOLE	1	61,214	0	0
ENTERPRISE BANCORP INC	COM	293668109	170	5,195	SH	SOLE	1	5,195	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	752	16,200	SH	SOLE	1	16,200	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	222	33,276	SH	SOLE	1	33,276	0	0
ENVESTNET INC	COM	29404K106	9,592	126,447	SH	SOLE	1	126,447	0	0
ENVISTA HOLDINGS CORP	COM	29415F104	12,341	285,614	SH	SOLE	1	285,614	0	0
EOG RESOURCES INC	COM	26875P101	21,550	258,273	SH	SOLE	1	258,273	0	0
EOS ENERGY ENTERPRISES INC	CL A	29415C101	177	9,843	SH	SOLE	1	9,843	0	0
EPAM SYSTEMS INC	COM	29414B104	581	1,138	SH	SOLE	1	1,138	0	0
EPIZYME INC	COM	29428V104	418	50,310	SH	SOLE	1	50,310	0	0
EPLUS INC	COM	294268107	751	8,659	SH	SOLE	1	8,659	0	0
EPR PROPERTIES	COM	26884U109	6,997	132,812	SH	SOLE	1	132,812	0	0
EQT CORP	COM	26884L109	11,037	495,809	SH	SOLE	1	495,809	0	0
EQUIFAX INC	COM	294429105	9,059	37,822	SH	SOLE	1	37,822	0	0
EQUINIX INC	COM	29444U700	23,199	28,905	SH	SOLE	1	28,905	0	0
EQUITABLE HOLDINGS INC	COM	29452E101	146	4,794	SH	SOLE	1	4,794	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	8,053	946,332	SH	SOLE	1	946,332	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	231	7,576	SH	SOLE	1	7,576	0	0
EQUITY COMMONWEALTH	COM	294628102	1,722	65,734	SH	SOLE	1	65,734	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	220	2,964	SH	SOLE	1	2,964	0	0
EQUITY RESIDENTIAL	COM	29476L107	8,396	109,039	SH	SOLE	1	109,039	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	90	464	SH	SOLE	1	464	0	0
EROS STX GLOBAL CORP	SHS	G3788M114	272	178,006	SH	SOLE	1	178,006	0	0
ESCALADE INC	COM	296056104	131	5,728	SH	SOLE	1	5,728	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,562	16,651	SH	SOLE	1	16,651	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	311	14,710	SH	SOLE	1	14,710	0	0
ESPORTS TECHNOLOGIES INC	COM	29667L106	29	1,357	SH	SOLE	1	1,357	0	0
ESSENT GROUP LTD	COM	G3198U102	11,737	261,115	SH	SOLE	1	261,115	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	2,057	76,067	SH	SOLE	1	76,067	0	0

ESSENTIAL UTILITIES INC	COM	29670G102	18,148	397,107	SH	SOLE	1	397,107	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	5,948	19,827	SH	SOLE	1	19,827	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	27,401	86,144	SH	SOLE	1	86,144	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	402	14,577	SH	SOLE	1	14,577	0	0
ETSY INC	COM	29786A106	9,797	47,593	SH	SOLE	1	47,593	0	0
EURONET WORLDWIDE INC	COM	298736109	128	943	SH	SOLE	1	943	0	0
EVELO BIOSCIENCES INC	COM	299734103	234	17,018	SH	SOLE	1	17,018	0	0
EVENTBRITE INC CLASS A	COM	29975E109	799	42,060	SH	SOLE	1	42,060	0	0
EVERBRIDGE INC	COM	29978A104	108	794	SH	SOLE	1	794	0	0
EVERCORE INC A	COM	29977A105	11,662	82,845	SH	SOLE	1	82,845	0	0
EVEREST RE GROUP LTD	COM	G3223R108	3,100	12,301	SH	SOLE	1	12,301	0	0
EVERGY INC	COM	30034W106	4,226	69,937	SH	SOLE	1	69,937	0	0
EVERI HOLDINGS INC	COM	30034T103	1,168	46,838	SH	SOLE	1	46,838	0	0
EVERQUOTE INC CLASS A	COM	30041R108	346	10,591	SH	SOLE	1	10,591	0	0
EVERSOURCE ENERGY	COM	30040W108	11,500	143,324	SH	SOLE	1	143,324	0	0
EVERTEC INC	COM	30040P103	1,714	39,274	SH	SOLE	1	39,274	0	0
EVI INDUSTRIES INC	COM	26929N102	91	3,201	SH	SOLE	1	3,201	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	729	26,283	SH	SOLE	1	26,283	0	0
EVOLENT HEALTH INC A	COM	30050B101	917	43,434	SH	SOLE	1	43,434	0	0
EVOLUS INC	COM	30052C107	229	18,074	SH	SOLE	1	18,074	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	2,191	64,857	SH	SOLE	1	64,857	0	0
EW SCRIPPS CO/THE A	COM	811054402	759	37,247	SH	SOLE	1	37,247	0	0
EXACT SCIENCES CORP	COM	30063P105	435	3,498	SH	SOLE	1	3,498	0	0
EXAGEN INC	COM	30068X103	91	6,071	SH	SOLE	1	6,071	0	0
EXELIXIS INC	COM	30161Q104	10,184	558,957	SH	SOLE	1	558,957	0	0
EXELON CORP	COM	30161N101	15,386	347,225	SH	SOLE	1	347,225	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	2,272	21,382	SH	SOLE	1	21,382	0	0
EXONE CO/THE	COM	302104104	207	9,551	SH	SOLE	1	9,551	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	1,348	34,780	SH	SOLE	1	34,780	0	0
EXPEDIA GROUP INC	COM	30212P303	7,355	44,924	SH	SOLE	1	44,924	0	0
EXPEDITORS INTL WASH INC	COM	302130109	8,545	67,499	SH	SOLE	1	67,499	0	0
EXPONENT INC	COM	30214U102	3,010	33,744	SH	SOLE	1	33,744	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	6,746	41,182	SH	SOLE	1	41,182	0	0
EXTRACTION OIL & GAS INC	COM	30227M303	481	8,759	SH	SOLE	1	8,759	0	0
EXTREME NETWORKS INC	COM	30226D106	897	80,392	SH	SOLE	1	80,392	0	0
EXXON MOBIL CORP	COM	30231G102	80,356	1,273,882	SH	SOLE	1	1,273,882	0	0
EYEPOINT PHARMACEUTICALS INC	COM	30233G209	106	11,839	SH	SOLE	1	11,839	0	0
EZCORP INC CL A	CL A	302301106	195	32,329	SH	SOLE	1	32,329	0	0
F5 NETWORKS INC	COM	315616102	3,419	18,316	SH	SOLE	1	18,316	0	0
FABRINET	COM	G3323L100	2,301	24,002	SH	SOLE	1	24,002	0	0
FACEBOOK INC CLASS A	COM	30303M102	282,232	811,689	SH	SOLE	1	811,689	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	22,662	67,526	SH	SOLE	1	67,526	0	0
FAIR ISAAC CORP	COM	303250104	25,813	51,351	SH	SOLE	1	51,351	0	0

FALCON MINERALS CORP	COM	30607B109	113	22,305	SH	SOLE	1	22,305	0	0
FARMERS NATL BANC CORP	COM	309627107	226	14,578	SH	SOLE	1	14,578	0	0
FARMLAND PARTNERS INC	COM	31154R109	181	15,013	SH	SOLE	1	15,013	0	0
FARO TECHNOLOGIES INC	COM	311642102	918	11,808	SH	SOLE	1	11,808	0	0
FASTENAL CO	COM	311900104	28,898	555,724	SH	SOLE	1	555,724	0	0
FASTLY INC CLASS A	CL A	31188V100	79	1,321	SH	SOLE	1	1,321	0	0
FATE THERAPEUTICS INC	COM	31189P102	3,899	44,928	SH	SOLE	1	44,928	0	0
FATHOM HOLDINGS INC	COM	31189V109	95	2,889	SH	SOLE	1	2,889	0	0
FB FINANCIAL CORP	COM	30257X104	808	21,663	SH	SOLE	1	21,663	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	507	5,125	SH	SOLE	1	5,125	0	0
FEDERAL REALTY INVS TRUST	COM	313747206	2,539	21,666	SH	SOLE	1	21,666	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,575	39,158	SH	SOLE	1	39,158	0	0
FEDERATED HERMES INC	CL B	314211103	7,395	218,082	SH	SOLE	1	218,082	0	0
FEDEX CORP	COM	31428X106	21,538	72,195	SH	SOLE	1	72,195	0	0
FERRO CORP	COM	315405100	1,152	53,396	SH	SOLE	1	53,396	0	0
FIBROGEN INC	COM	31572Q808	1,285	48,251	SH	SOLE	1	48,251	0	0
FIDELITY D&D BANCORP INC	COM	31609R100	122	2,248	SH	SOLE	1	2,248	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	2,546	58,580	SH	SOLE	1	58,580	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	30,982	218,694	SH	SOLE	1	218,694	0	0
FIESTA RESTAURANT GROUP	COM	31660B101	154	11,471	SH	SOLE	1	11,471	0	0
FIFTH THIRD BANCORP	COM	316773100	8,209	214,736	SH	SOLE	1	214,736	0	0
FINANCE OF AMERICA COS INC A	CL A	31738L107	143	18,711	SH	SOLE	1	18,711	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	263	8,777	SH	SOLE	1	8,777	0	0
FINCH THERAPEUTICS GROUP INC	COM	31773D101	60	4,241	SH	SOLE	1	4,241	0	0
FIREEYE INC	COM	31816Q101	71	3,522	SH	SOLE	1	3,522	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	12,153	194,909	SH	SOLE	1	194,909	0	0
FIRST BANCORP INC/ME	COM	31866P102	171	5,802	SH	SOLE	1	5,802	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,669	139,981	SH	SOLE	1	139,981	0	0
FIRST BANCORP/NC	COM	318910106	750	18,321	SH	SOLE	1	18,321	0	0
FIRST BANCSHARES INC/MS	COM	318916103	425	11,353	SH	SOLE	1	11,353	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	118	8,734	SH	SOLE	1	8,734	0	0
FIRST BUSEY CORP	COM	319383204	702	28,481	SH	SOLE	1	28,481	0	0
FIRST CHOICE BANCORP	COM	31948P104	179	5,863	SH	SOLE	1	5,863	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	62	75	SH	SOLE	1	75	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	873	62,055	SH	SOLE	1	62,055	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	287	9,620	SH	SOLE	1	9,620	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,479	62,576	SH	SOLE	1	62,576	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	276	6,761	SH	SOLE	1	6,761	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	15,907	323,772	SH	SOLE	1	323,772	0	0

FIRST FOUNDATION INC	COM	32026V104	501	22,265	SH	SOLE	1	22,265	0	0
FIRST HAWAIIAN INC	COM	32051X108	375	13,230	SH	SOLE	1	13,230	0	0
FIRST HORIZON CORP	COM	320517105	18,731	1,083,993	SH	SOLE	1	1,083,993	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	11,981	229,384	SH	SOLE	1	229,384	0	0
FIRST INTERNET BANCORP	COM	320557101	161	5,211	SH	SOLE	1	5,211	0	0
FIRST INTERSTATE BANCYS A	COM	32055Y201	960	22,947	SH	SOLE	1	22,947	0	0
FIRST MERCHANTS CORP	COM	320817109	1,264	30,333	SH	SOLE	1	30,333	0	0
FIRST MID BANCSHARES INC	COM	320866106	378	9,319	SH	SOLE	1	9,319	0	0
FIRST MIDWEST BANCORP INC/IL	COM	320867104	1,468	74,016	SH	SOLE	1	74,016	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	272	12,827	SH	SOLE	1	12,827	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	10,953	58,519	SH	SOLE	1	58,519	0	0
FIRST SOLAR INC	COM	336433107	13,699	151,349	SH	SOLE	1	151,349	0	0
FIRSTCASH INC	COM	33767D105	7,257	94,939	SH	SOLE	1	94,939	0	0
FIRSTENERGY CORP	COM	337932107	6,174	165,933	SH	SOLE	1	165,933	0	0
FISERV INC	COM	337738108	27,253	254,961	SH	SOLE	1	254,961	0	0
FISKER INC	CL A	33813J106	1,715	88,949	SH	SOLE	1	88,949	0	0
FIVE BELOW	COM	33829M101	19,314	99,933	SH	SOLE	1	99,933	0	0
FIVE STAR BANCORP	COM	33830T103	72	2,965	SH	SOLE	1	2,965	0	0
FIVE9 INC	COM	338307101	259	1,411	SH	SOLE	1	1,411	0	0
FLAGSTAR BANCORP INC	COM	337930705	1,413	33,439	SH	SOLE	1	33,439	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	6,593	25,746	SH	SOLE	1	25,746	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	222	26,983	SH	SOLE	1	26,983	0	0
FLEXSTEEL INDS	COM	339382103	150	3,722	SH	SOLE	1	3,722	0	0
FLOOR & DECOR HOLDINGS INC A	COM	339750101	227	2,151	SH	SOLE	1	2,151	0	0
FLOWERS FOODS INC	COM	343498101	8,462	349,662	SH	SOLE	1	349,662	0	0
FLOWSERVE CORP	COM	34354P105	9,334	231,495	SH	SOLE	1	231,495	0	0
FLUENT INC	COM	34380C102	71	24,291	SH	SOLE	1	24,291	0	0
FLUIDIGM CORP	COM	34385P108	259	42,016	SH	SOLE	1	42,016	0	0
FLUOR CORP	COM	343412102	5,336	301,489	SH	SOLE	1	301,489	0	0
FLUSHING FINANCIAL CORP	COM	343873105	354	16,528	SH	SOLE	1	16,528	0	0
FMC CORP	COM	302491303	5,997	55,427	SH	SOLE	1	55,427	0	0
FNB CORP	COM	302520101	6,996	567,360	SH	SOLE	1	567,360	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	1,405	28,959	SH	SOLE	1	28,959	0	0
FOGHORN THERAPEUTICS INC	COM	344174107	117	10,960	SH	SOLE	1	10,960	0	0
FOOT LOCKER INC	COM	344849104	12,435	201,763	SH	SOLE	1	201,763	0	0
FORD MOTOR CO	COM	345370860	17,046	1,147,126	SH	SOLE	1	1,147,126	0	0
FORD MOTOR ORD	COM	345370860	96,590	6,500	SH	SOLE		6,500	0	0
FORESTAR GROUP INC	COM	346232101	200	9,559	SH	SOLE	1	9,559	0	0
FORIAN INC	COM	34630N106	128	10,169	SH	SOLE	1	10,169	0	0
FORMA THERAPEUTICS HOLDINGS	SHS	34633R104	448	18,017	SH	SOLE	1	18,017	0	0
FORMFACTOR INC	COM	346375108	1,841	50,489	SH	SOLE	1	50,489	0	0
FORRESTER RESEARCH INC	COM	346563109	335	7,313	SH	SOLE	1	7,313	0	0
FORTE BIOSCIENCES INC	COM	34962G109	213	6,321	SH	SOLE	1	6,321	0	0
FORTERRA INC	COM	34960W106	383	16,311	SH	SOLE	1	16,311	0	0
FORTINET INC	COM	34959E109	12,895	54,138	SH	SOLE	1	54,138	0	0

FORTIVE CORP	COM	34959J108	9,947	142,626	SH	SOLE	1	142,626	0	0
FORTRESS BIOTECH INC	COM	34960Q109	143	40,136	SH	SOLE	1	40,136	0	0
FORTUNE BRANDS HOME & SECURI	COM	34964C106	4,276	42,924	SH	SOLE	1	42,924	0	0
FORWARD AIR CORP	COM	349853101	1,586	17,666	SH	SOLE	1	17,666	0	0
FOSSIL GROUP INC	COM	34988V106	438	30,646	SH	SOLE	1	30,646	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,364	49,420	SH	SOLE	1	49,420	0	0
FOX CORP CLASS A	COM	35137L105	4,463	120,201	SH	SOLE	1	120,201	0	0
FOX CORP CLASS B	COM	35137L204	2,191	62,256	SH	SOLE	1	62,256	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	15,208	97,697	SH	SOLE	1	97,697	0	0
FRANCHISE GROUP INC	COM	35180X105	560	15,880	SH	SOLE	1	15,880	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	282	93,073	SH	SOLE	1	93,073	0	0
FRANKLIN COVEY CO	COM	353469109	226	6,986	SH	SOLE	1	6,986	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	2,372	29,422	SH	SOLE	1	29,422	0	0
FRANKLIN RESOURCES INC	COM	354613101	5,979	186,898	SH	SOLE	1	186,898	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	349	66,427	SH	SOLE	1	66,427	0	0
FREEMPORT MCMORAN INC	COM	35671D857	16,079	433,268	SH	SOLE	1	433,268	0	0
FREQUENCY THERAPEUTICS INC	COM	35803L108	179	17,925	SH	SOLE	1	17,925	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	707	21,509	SH	SOLE	1	21,509	0	0
FRESHPET INC	COM	358039105	140	862	SH	SOLE	1	862	0	0
FRONTDOOR INC	COM	35905A109	79	1,578	SH	SOLE	1	1,578	0	0
FRONTIER GROUP HOLDINGS INC	COM	35909R108	332	19,511	SH	SOLE	1	19,511	0	0
FRONTLINE LTD	COM	G3682E192	602	66,937	SH	SOLE	1	66,937	0	0
FRP HOLDINGS INC	COM	30292L107	208	3,744	SH	SOLE	1	3,744	0	0
FS BANCORP INC	COM	30263Y104	147	2,058	SH	SOLE	1	2,058	0	0
FTC SOLAR INC	COM	30320C103	142	10,659	SH	SOLE	1	10,659	0	0
FTI CONSULTING INC	COM	302941109	8,304	60,783	SH	SOLE	1	60,783	0	0
FTS INTERNATIONAL INC CL A	CL A	30283W302	141	4,981	SH	SOLE	1	4,981	0	0
FUBOTV INC	COM	35953D104	2,366	73,691	SH	SOLE	1	73,691	0	0
FUELCELL ENERGY INC	COM	35952H601	1,622	182,222	SH	SOLE	1	182,222	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	130	12,411	SH	SOLE	1	12,411	0	0
FULGENT GENETICS INC	COM	359664109	1,194	12,945	SH	SOLE	1	12,945	0	0
FULL HOUSE RESORTS INC	COM	359678109	182	18,333	SH	SOLE	1	18,333	0	0
FULTON FINANCIAL CORP	COM	360271100	5,932	375,923	SH	SOLE	1	375,923	0	0
FUNKO INC CLASS A	COM	361008105	316	14,856	SH	SOLE	1	14,856	0	0
FUTU HOLDINGS LTD ADR	CL A	36118L106	1,221	6,820	SH	SOLE	1	6,820	0	0
FUTUREFUEL CORP	COM	36116M106	161	16,780	SH	SOLE	1	16,780	0	0
G III APPAREL GROUP LTD	COM	36237H101	940	28,610	SH	SOLE	1	28,610	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	482	21,968	SH	SOLE	1	21,968	0	0
GAMCO INVESTORS INC A	COM	361438104	74	2,959	SH	SOLE	1	2,959	0	0
GAMESTOP CORP CLASS A	COM	36467W109	1,326	6,191	SH	SOLE	1	6,191	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	128	2,755	SH	SOLE	1	2,755	0	0
GAN LTD	COM	G3728V109	370	22,481	SH	SOLE	1	22,481	0	0
GANNETT CO INC	COM	36472T109	499	90,902	SH	SOLE	1	90,902	0	0
GAOTU TECHEDU INC	SPONSORED	36257Y109	15	1,011	SH	SOLE	1	1,011	0	0

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GAP INC/THE	COM	364760108	2,129	63,280	SH	SOLE	1	63,280	0	0
GARMIN LTD	COM	H2906T109	6,676	46,156	SH	SOLE	1	46,156	0	0
GARTNER INC	COM	366651107	6,583	27,180	SH	SOLE	1	27,180	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	16	876	SH	SOLE	1	876	0	0
GATOS SILVER INC	COM	368036109	339	19,395	SH	SOLE	1	19,395	0	0
GATX CORP	COM	361448103	7,275	82,236	SH	SOLE	1	82,236	0	0
GCM GROSVENOR INC CLASS A	CL A	36831E108	191	18,333	SH	SOLE	1	18,333	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	742	31,881	SH	SOLE	1	31,881	0	0
GDS HOLDINGS LTD ADR	ADR	36165L108	96	1,222	SH	SOLE	1	1,222	0	0
GEMINI THERAPEUTICS INC	COM	36870G105	79	12,275	SH	SOLE	1	12,275	0	0
GENCO SHIPPING & TRADING LTD	COM	Y2685T131	340	18,002	SH	SOLE	1	18,002	0	0
GENERAC HOLDINGS INC	COM	368736104	8,314	20,026	SH	SOLE	1	20,026	0	0
GENERAL DYNAMICS CORP	COM	369550108	33,738	179,210	SH	SOLE	1	179,210	0	0
GENERAL ELECTRIC CO	COM	369604103	34,571	2,568,411	SH	SOLE	1	2,568,411	0	0
GENERAL MILLS INC	COM	370334104	161,055	2,643,279	SH	SOLE	1	2,643,279	0	0
GENERAL MOTORS CO	COM	37045V100	23,671	400,043	SH	SOLE	1	400,043	0	0
GENERATION BIO CO	COM	37148K100	660	24,552	SH	SOLE	1	24,552	0	0
GENESCO INC	COM	371532102	604	9,481	SH	SOLE	1	9,481	0	0
GENIUS BRANDS INTERNATIONAL	COM	37229T301	291	158,157	SH	SOLE	1	158,157	0	0
GENPACT LTD	COM	G3922B107	14,068	309,656	SH	SOLE	1	309,656	0	0
GENTEX CORP	COM	371901109	14,198	429,081	SH	SOLE	1	429,081	0	0
GENTHERM INC	COM	37253A103	1,534	21,586	SH	SOLE	1	21,586	0	0
GENUINE PARTS CO	COM	372460105	6,230	49,264	SH	SOLE	1	49,264	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	1,284	329,259	SH	SOLE	1	329,259	0	0
GEO GROUP INC/THE	COM	36162J106	547	76,848	SH	SOLE	1	76,848	0	0
GERMAN AMERICAN BANCORP	COM	373865104	515	13,848	SH	SOLE	1	13,848	0	0
GERON CORP	COM	374163103	238	168,961	SH	SOLE	1	168,961	0	0
GETTY REALTY CORP	COM	374297109	799	25,655	SH	SOLE	1	25,655	0	0
GEVO INC	COM	374396406	795	109,376	SH	SOLE	1	109,376	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,625	21,291	SH	SOLE	1	21,291	0	0
GILEAD SCIENCES INC	COM	375558103	30,688	445,654	SH	SOLE	1	445,654	0	0
GLACIER BANCORP INC	COM	37637Q105	12,238	222,183	SH	SOLE	1	222,183	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	456	20,212	SH	SOLE	1	20,212	0	0
GLADSTONE LAND CORP	COM	376549101	340	14,124	SH	SOLE	1	14,124	0	0
GLATFELTER CORP	COM	377320106	398	28,493	SH	SOLE	1	28,493	0	0
GLAUKOS CORP	COM	377322102	2,486	29,304	SH	SOLE	1	29,304	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	1,174	33,536	SH	SOLE	1	33,536	0	0
GLOBAL INDUSTRIAL CO	COM	37892E102	262	7,136	SH	SOLE	1	7,136	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	469	31,776	SH	SOLE	1	31,776	0	0
GLOBAL NET LEASE INC	COM	379378201	1,153	62,315	SH	SOLE	1	62,315	0	0
GLOBAL PAYMENTS INC	COM	37940X102	16,198	86,373	SH	SOLE	1	86,373	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	121	7,087	SH	SOLE	1	7,087	0	0
GLOBALSTAR INC	COM	378973408	606	340,205	SH	SOLE	1	340,205	0	0
GLOBANT SA	COM	L44385109	287	1,311	SH	SOLE	1	1,311	0	0

GLOBE LIFE INC	COM	37959E102	2,763	29,007	SH	SOLE	1	29,007	0	0
GLOBUS MEDICAL INC A	COM	379577208	10,690	137,883	SH	SOLE	1	137,883	0	0
GMS INC	COM	36251C103	1,337	27,772	SH	SOLE	1	27,772	0	0
GODADDY INC CLASS A	COM	380237107	195	2,246	SH	SOLE	1	2,246	0	0
GOGO INC	COM	38046C109	377	33,124	SH	SOLE	1	33,124	0	0
GOHEALTH INC CLASS A	CL A	38046W105	11	954	SH	SOLE	1	954	0	0
GOLAR LNG LTD	COM	G9456A100	763	57,620	SH	SOLE	1	57,620	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	425	9,486	SH	SOLE	1	9,486	0	0
GOLDEN NUGGET ONLINE GAMING	CL A	38113L107	228	17,884	SH	SOLE	1	17,884	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	37,778	99,539	SH	SOLE	1	99,539	0	0
GOODYEAR TIRE & RUBBER CO	COM	382550101	11,098	647,123	SH	SOLE	1	647,123	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	1,263	9,924	SH	SOLE	1	9,924	0	0
GOPRO INC CLASS A	COM	38268T103	815	69,979	SH	SOLE	1	69,979	0	0
GORMAN RUPP CO	COM	383082104	438	12,727	SH	SOLE	1	12,727	0	0
GOSSAMER BIO INC	COM	38341P102	283	34,840	SH	SOLE	1	34,840	0	0
GP STRATEGIES CORP	COM	36225V104	111	7,057	SH	SOLE	1	7,057	0	0
GRACO INC	COM	384109104	22,852	301,874	SH	SOLE	1	301,874	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	1,110	95,533	SH	SOLE	1	95,533	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	5,892	9,295	SH	SOLE	1	9,295	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	7,407	82,323	SH	SOLE	1	82,323	0	0
GRANITE CONSTRUCTION INC	COM	387328107	1,234	29,717	SH	SOLE	1	29,717	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	525	35,587	SH	SOLE	1	35,587	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	76	4,215	SH	SOLE	1	4,215	0	0
GRAY TELEVISION INC	COM	389375106	1,121	47,890	SH	SOLE	1	47,890	0	0
GREAT AJAX CORP	COM	38983D300	158	12,156	SH	SOLE	1	12,156	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	530	36,292	SH	SOLE	1	36,292	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	320	5,934	SH	SOLE	1	5,934	0	0
GREAT WESTERN BANCORP INC	COM	391416104	1,179	35,956	SH	SOLE	1	35,956	0	0
GREEN BRICK PARTNERS INC	COM	392709101	392	17,228	SH	SOLE	1	17,228	0	0
GREEN DOT CORP CLASS A	COM	39304D102	1,631	34,816	SH	SOLE	1	34,816	0	0
GREEN PLAINS INC	COM	393222104	935	27,798	SH	SOLE	1	27,798	0	0
GREENBOX POS	COM	39366L208	116	9,732	SH	SOLE	1	9,732	0	0
GREENBRIER COMPANIES INC	COM	393657101	917	21,035	SH	SOLE	1	21,035	0	0
GREENHILL & CO INC	COM	395259104	148	9,530	SH	SOLE	1	9,530	0	0
GREENLANE HOLDINGS INC A	COM	395330103	41	9,143	SH	SOLE	1	9,143	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	139	15,279	SH	SOLE	1	15,279	0	0
GREENSKY INC CLASS A	CL A	39572G100	223	40,212	SH	SOLE	1	40,212	0	0
GREENWICH LIFESCIENCES INC	COM	396879108	102	2,262	SH	SOLE	1	2,262	0	0
GREIF INC CL A	CL A	397624107	3,708	61,244	SH	SOLE	1	61,244	0	0
GREIF INC CL B	COM	397624206	196	3,323	SH	SOLE	1	3,323	0	0
GRID DYNAMICS HOLDINGS INC	CL A	39813G109	258	17,145	SH	SOLE	1	17,145	0	0
GRIFFON CORP	COM	398433102	771	30,081	SH	SOLE	1	30,081	0	0

GRITSTONE BIO INC	COM	39868T105	207	22,626	SH	SOLE	1	22,626	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	5,363	154,720	SH	SOLE	1	154,720	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	1,756	11,370	SH	SOLE	1	11,370	0	0
GROUPON INC	COM	399473206	562	13,028	SH	SOLE	1	13,028	0	0
GROWGENERATION CORP	COM	39986L109	1,458	30,316	SH	SOLE	1	30,316	0	0
GT BIOPHARMA INC	COM	36254L209	207	13,363	SH	SOLE	1	13,363	0	0
GTY TECHNOLOGY HOLDINGS INC	COM	362409104	128	18,036	SH	SOLE	1	18,036	0	0
GUARANTY BANCSHARES INC	COM	400764106	152	4,473	SH	SOLE	1	4,473	0	0
GUARDANT HEALTH INC	COM	40131M109	236	1,898	SH	SOLE	1	1,898	0	0
GUESS INC	COM	401617105	686	25,970	SH	SOLE	1	25,970	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	118	1,048	SH	SOLE	1	1,048	0	0
H.B. FULLER CO.	COM	359694106	2,155	33,874	SH	SOLE	1	33,874	0	0
H&E EQUIPMENT SERVICES INC	COM	404030108	600	18,024	SH	SOLE	1	18,024	0	0
H&R BLOCK INC	COM	093671105	7,597	323,569	SH	SOLE	1	323,569	0	0
HACKETT GROUP INC/THE	COM	404609109	252	13,959	SH	SOLE	1	13,959	0	0
HAEMONETICS CORP/MASS	COM	405024100	7,873	118,149	SH	SOLE	1	118,149	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	5,829	145,286	SH	SOLE	1	145,286	0	0
HALL OF FAME RESORT & ENTERT	COM	40619L102	121	30,809	SH	SOLE	1	30,809	0	0
HALLIBURTON CO	COM	406216101	6,284	271,793	SH	SOLE	1	271,793	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	14,307	315,064	SH	SOLE	1	315,064	0	0
HAMILTON BEACH BRAND A	COM	40701T104	93	4,160	SH	SOLE	1	4,160	0	0
HAMILTON LANE INC CLASS A	COM	407497106	1,737	19,066	SH	SOLE	1	19,066	0	0
HANCOCK WHITNEY CORP	COM	410120109	8,959	201,603	SH	SOLE	1	201,603	0	0
HANESBRANDS INC	COM	410345102	2,777	148,756	SH	SOLE	1	148,756	0	0
HANGER INC	COM	41043F208	618	24,451	SH	SOLE	1	24,451	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	378	19,831	SH	SOLE	1	19,831	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	2,413	42,972	SH	SOLE	1	42,972	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	8,649	63,767	SH	SOLE	1	63,767	0	0
HARBORONE BANCORP INC	COM	41165Y100	406	28,302	SH	SOLE	1	28,302	0	0
HARLEY DAVIDSON INC	COM	412822108	12,508	272,974	SH	SOLE	1	272,974	0	0
HARMONIC INC	COM	413160102	503	59,042	SH	SOLE	1	59,042	0	0
HARMONY BIOSCIENCES HOLDINGS	COM	413197104	354	12,525	SH	SOLE	1	12,525	0	0
HARPOON THERAPEUTICS INC	COM	41358P106	145	10,481	SH	SOLE	1	10,481	0	0
HARSCO CORP	COM	415864107	1,040	50,932	SH	SOLE	1	50,932	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	9,147	147,600	SH	SOLE	1	147,600	0	0
HARVARD BIOSCIENCE INC	COM	416906105	180	21,578	SH	SOLE	1	21,578	0	0
HASBRO INC	COM	418056107	5,977	63,234	SH	SOLE	1	63,234	0	0
HAVERTY FURNITURE	COM	419596101	464	10,855	SH	SOLE	1	10,855	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	8,198	193,908	SH	SOLE	1	193,908	0	0

HAWAIIAN HOLDINGS INC	COM	419879101	801	32,883	SH	SOLE	1	32,883	0	0
HAWKINS INC	COM	420261109	408	12,454	SH	SOLE	1	12,454	0	0
HAWTHORN BANCSHARES INC	COM	420476103	3	136	SH	SOLE	1	136	0	0
HAYNES INTERNATIONAL INC	COM	420877201	288	8,133	SH	SOLE	1	8,133	0	0
HAYWARD HOLDINGS INC	COM	421298100	12	479	SH	SOLE	1	479	0	0
HBT FINANCIAL INC/DE	COM	404111106	93	5,367	SH	SOLE	1	5,367	0	0
HC2 HOLDINGS INC	COM	404139107	106	26,534	SH	SOLE	1	26,534	0	0
HCA HEALTHCARE INC	COM	40412C101	19,374	93,710	SH	SOLE	1	93,710	0	0
HCI GROUP INC	COM	40416E103	373	3,755	SH	SOLE	1	3,755	0	0
HEALTH CATALYST INC	COM	42225T107	1,391	25,052	SH	SOLE	1	25,052	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	9,944	329,277	SH	SOLE	1	329,277	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	5,487	173,807	SH	SOLE	1	173,807	0	0
HEALTHCARE TRUST OF AME CL A	CL A	42225P501	73	2,719	SH	SOLE	1	2,719	0	0
HEALTH EQUITY INC	COM	42226A107	15,526	192,915	SH	SOLE	1	192,915	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	5,473	164,418	SH	SOLE	1	164,418	0	0
HEALTHSTREAM INC	COM	42222N103	459	16,417	SH	SOLE	1	16,417	0	0
HEARTLAND EXPRESS INC	COM	422347104	532	31,073	SH	SOLE	1	31,073	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	1,062	22,590	SH	SOLE	1	22,590	0	0
HECLA MINING CO	COM	422704106	2,217	297,920	SH	SOLE	1	297,920	0	0
HEICO CORP	COM	422806109	96	685	SH	SOLE	1	685	0	0
HEICO CORP CLASS A	COM	422806208	149	1,202	SH	SOLE	1	1,202	0	0
HEIDRICK & STRUGGLES INTL	COM	422819102	560	12,573	SH	SOLE	1	12,573	0	0
HELEN OF TROY LTD	COM	G4388N106	12,965	56,834	SH	SOLE	1	56,834	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	1,414	18,122	SH	SOLE	1	18,122	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	530	92,821	SH	SOLE	1	92,821	0	0
HELMERICH & PAYNE	COM	423452101	2,239	68,615	SH	SOLE	1	68,615	0	0
HEMISPHERE MEDIA GRO	CL A	42365Q103	11,424	968,149	SH	SOLE	2	968,149	0	0
HEMISPHERE MEDIA GROUP INC	CL A	42365Q103	105	8,918	SH	SOLE	1	8,918	0	0
HENRY SCHEIN INC	COM	806407102	3,501	47,195	SH	SOLE	1	47,195	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	79	1,494	SH	SOLE	1	1,494	0	0
HERC HOLDINGS INC	COM	42704L104	1,567	13,986	SH	SOLE	1	13,986	0	0
HERITAGE COMMERCE CORP	COM	426927109	365	32,754	SH	SOLE	1	32,754	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	260	8,756	SH	SOLE	1	8,756	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	578	23,086	SH	SOLE	1	23,086	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	124	14,475	SH	SOLE	1	14,475	0	0
HERMAN MILLER INC	COM	600544100	6,469	137,220	SH	SOLE	1	137,220	0	0
HERON THERAPEUTICS INC	COM	427746102	803	51,768	SH	SOLE	1	51,768	0	0
HERSHA HOSPITALITY TRUST	COM	427825500	230	21,370	SH	SOLE	1	21,370	0	0
HERSHEY CO/THE	COM	427866108	25,672	147,390	SH	SOLE	1	147,390	0	0
HESKA CORP	COM	42805E306	1,436	6,250	SH	SOLE	1	6,250	0	0
HESS CORP	COM	42809H107	8,945	102,439	SH	SOLE	1	102,439	0	0
HEWLETT PACKARD	COM	42824C109	10,258	703,561	SH	SOLE	1	703,561	0	0

ENTERPRISE

HEXCEL CORP	COM	428291108	9,286	148,816	SH	SOLE	1	148,816	0	0
HF FOODS GROUP INC	COM	40417F109	107	20,290	SH	SOLE	1	20,290	0	0
HIBBETT INC	COM	428567101	945	10,548	SH	SOLE	1	10,548	0	0
HIGHPEAK ENERGY INC	COM	43114Q105	29	2,793	SH	SOLE	1	2,793	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	8,349	184,834	SH	SOLE	1	184,834	0	0
HILL ROM HOLDINGS INC	COM	431475102	13,412	118,075	SH	SOLE	1	118,075	0	0
HILLENBRAND INC	COM	431571108	2,152	48,826	SH	SOLE	1	48,826	0	0
HILLTOP HOLDINGS INC	COM	432748101	1,528	41,991	SH	SOLE	1	41,991	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	1,985	47,951	SH	SOLE	1	47,951	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	10,496	87,013	SH	SOLE	1	87,013	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	236	812	SH	SOLE	1	812	0	0
HIREQUEST INC	COM	433535101	53	2,849	SH	SOLE	1	2,849	0	0
HNI CORP	COM	404251100	1,243	28,271	SH	SOLE	1	28,271	0	0
HOLLYFRONTIER CORP	COM	436106108	8,735	265,489	SH	SOLE	1	265,489	0	0
HOLOGIC INC	COM	436440101	6,832	102,405	SH	SOLE	1	102,405	0	0
HOME BANCORP INC	COM	43689E107	163	4,285	SH	SOLE	1	4,285	0	0
HOME BANCSHARES INC	COM	436893200	8,712	352,989	SH	SOLE	1	352,989	0	0
HOME DEPOT INC	COM	437076102	273,110	856,439	SH	SOLE	1	856,439	0	0
HOME POINT CAPITAL INC	COM	43734L106	24	4,100	SH	SOLE	1	4,100	0	0
HOMESTREET INC	COM	43785V102	552	13,548	SH	SOLE	1	13,548	0	0
HOMETRUST BANCSHARES INC	COM	437872104	238	8,516	SH	SOLE	1	8,516	0	0
HOMOLOGY MEDICINES INC	COM	438083107	171	23,505	SH	SOLE	1	23,505	0	0
HONEST CO INC/THE	COM	438333106	225	13,915	SH	SOLE	1	13,915	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	50,385	229,701	SH	SOLE	1	229,701	0	0
HOOKER FURNITURE CORP	COM	439038100	228	6,570	SH	SOLE	1	6,570	0	0
HOOKIPA PHARMA INC	COM	43906K100	99	10,756	SH	SOLE	1	10,756	0	0
HOPE BANCORP INC	COM	43940T109	1,101	77,654	SH	SOLE	1	77,654	0	0
HORACE MANN EDUCATORS	COM	440327104	1,013	27,078	SH	SOLE	1	27,078	0	0
HORIZON BANCORP INC/IN	COM	440407104	418	24,003	SH	SOLE	1	24,003	0	0
HORIZON THERAPEUTICS PLC	COM	G46188101	289	3,081	SH	SOLE	1	3,081	0	0
HORMEL FOODS CORP	COM	440452100	21,662	453,664	SH	SOLE	1	453,664	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	3,680	215,322	SH	SOLE	1	215,322	0	0
HOSTESS BRANDS INC	COM	44109J106	1,189	73,425	SH	SOLE	1	73,425	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	787	71,245	SH	SOLE	1	71,245	0	0
HOULIHAN LOKEY INC	COM	441593100	2,381	29,110	SH	SOLE	1	29,110	0	0
HOVNANIAN ENTERPRISES A	CL A	442487401	305	2,868	SH	SOLE	1	2,868	0	0
HOWARD BANCORP INC	COM	442496105	119	7,385	SH	SOLE	1	7,385	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	50	518	SH	SOLE	1	518	0	0
HOWMET AEROSPACE INC	COM	443201108	5,349	155,192	SH	SOLE	1	155,192	0	0
HP INC	COM	40434L105	202,296	6,700,748	SH	SOLE	1	6,700,748	0	0
HUAZHU GROUP LTD ADR	ADR	44332N106	117	2,224	SH	SOLE	1	2,224	0	0
HUB GROUP INC CL A	CL A	443320106	1,422	21,558	SH	SOLE	1	21,558	0	0
HUBBELL INC	COM	443510607	18,028	96,488	SH	SOLE	1	96,488	0	0

HUBSPOT INC	COM	443573100	549	942	SH	SOLE	1	942	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	7,459	268,105	SH	SOLE	1	268,105	0	0
HUMANA INC	COM	444859102	21,359	48,245	SH	SOLE	1	48,245	0	0
HUMANIGEN INC	COM	444863203	437	25,132	SH	SOLE	1	25,132	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	4,296	26,365	SH	SOLE	1	26,365	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	6,422	450,015	SH	SOLE	1	450,015	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	2,584	12,263	SH	SOLE	1	12,263	0	0
HUNTSMAN CORP	COM	447011107	70	2,634	SH	SOLE	1	2,634	0	0
HURON CONSULTING GROUP INC	COM	447462102	616	12,529	SH	SOLE	1	12,529	0	0
HUTCHMED CHINA ADR	ADR	44842L103	36	907	SH	SOLE	1	907	0	0
HUYA INC ADR	ADS REP SHS A	44852D108	14	772	SH	SOLE	1	772	0	0
HYATT HOTELS CORP CL A	CL A	448579102	39	506	SH	SOLE	1	506	0	0
HYDROFARM HOLDINGS GROUP INC	COM	44888K209	374	6,331	SH	SOLE	1	6,331	0	0
HYLIION HOLDINGS CORP	COM	449109107	765	65,695	SH	SOLE	1	65,695	0	0
HYRECAR INC	COM	44916T107	205	9,823	SH	SOLE	1	9,823	0	0
HYSTER YALE MATERIALS	COM	449172105	409	5,599	SH	SOLE	1	5,599	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	350	11,578	SH	SOLE	1	11,578	0	0
IAA INC	COM	449253103	13,120	240,552	SH	SOLE	1	240,552	0	0
IAC/INTERACTIVECORP	COM	44891N208	147	955	SH	SOLE	1	955	0	0
IBEX LTD	SHS	G4690M101	62	3,174	SH	SOLE	1	3,174	0	0
IBIO INC	COM	451033203	183	121,095	SH	SOLE	1	121,095	0	0
ICAD INC	COM	44934S206	212	12,266	SH	SOLE	1	12,266	0	0
ICF INTERNATIONAL INC	COM	44925C103	911	10,367	SH	SOLE	1	10,367	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	971	18,041	SH	SOLE	1	18,041	0	0
ICU MEDICAL INC	COM	44930G107	7,215	35,058	SH	SOLE	1	35,058	0	0
IDACORP INC	COM	451107106	8,749	89,735	SH	SOLE	1	89,735	0	0
IDEANOMICS INC	COM	45166V106	650	228,941	SH	SOLE	1	228,941	0	0
IDEAYA BIOSCIENCES INC	COM	45166A102	330	15,728	SH	SOLE	1	15,728	0	0
IDENTIV INC	COM	45170X205	197	11,577	SH	SOLE	1	11,577	0	0
IDEX CORP	COM	45167R104	5,135	23,335	SH	SOLE	1	23,335	0	0
IDEXX LABORATORIES INC	COM	45168D104	22,419	35,499	SH	SOLE	1	35,499	0	0
IDT CORP CLASS B	COM	448947507	415	11,219	SH	SOLE	1	11,219	0	0
IES HOLDINGS INC	COM	44951W106	249	4,852	SH	SOLE	1	4,852	0	0
IGM BIOSCIENCES INC	COM	449585108	376	4,519	SH	SOLE	1	4,519	0	0
IHEARTMEDIA INC CLASS A	CL A	45174J509	1,690	62,761	SH	SOLE	1	62,761	0	0
IHS MARKIT LTD	COM	G47567105	15,173	134,684	SH	SOLE	1	134,684	0	0
II VI INC	COM	902104108	17,685	243,628	SH	SOLE	1	243,628	0	0
IKENA ONCOLOGY INC	COM	45175G108	71	5,081	SH	SOLE	1	5,081	0	0
ILLINOIS TOOL WORKS	COM	452308109	24,580	109,946	SH	SOLE	1	109,946	0	0
ILLUMINA INC	COM	452327109	27,000	57,058	SH	SOLE	1	57,058	0	0
IMAX CORP	COM	45245E109	600	27,926	SH	SOLE	1	27,926	0	0
IMMUNIC INC	COM	4525EP101	107	8,691	SH	SOLE	1	8,691	0	0
IMMUNITYBIO INC	COM	45256X103	535	37,475	SH	SOLE	1	37,475	0	0
IMMUNOGEN INC	COM	45253H101	722	109,485	SH	SOLE	1	109,485	0	0
IMMUNOVANT INC	COM	45258J102	222	21,021	SH	SOLE	1	21,021	0	0
IMPEL NEUROPHARMA INC	COM	45258K109	27	3,016	SH	SOLE	1	3,016	0	0

IMPINJ INC	COM	453204109	540	10,458	SH	SOLE	1	10,458	0	0
INARI MEDICAL INC	COM	45332Y109	1,777	19,048	SH	SOLE	1	19,048	0	0
INCYTE CORP	COM	45337C102	6,767	80,432	SH	SOLE	1	80,432	0	0
INDEPENDENCE HOLDING CO	COM	453440307	111	2,399	SH	SOLE	1	2,399	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	1,210	66,349	SH	SOLE	1	66,349	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	254	11,709	SH	SOLE	1	11,709	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,617	21,411	SH	SOLE	1	21,411	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,802	24,361	SH	SOLE	1	24,361	0	0
INDUS REALTY TRUST INC	COM	45580R103	161	2,448	SH	SOLE	1	2,448	0	0
INDUSTRIAL LOGISTICS PROPERT	COM SHS BEN INT	456237106	1,104	42,226	SH	SOLE	1	42,226	0	0
INFINERA CORP	COM	45667G103	1,017	99,709	SH	SOLE	1	99,709	0	0
INFINITY PHARMACEUTICALS INC	COM	45665G303	147	49,048	SH	SOLE	1	49,048	0	0
INFRASTRUCTURE AND ENERGY AL	COM	45686J104	151	11,714	SH	SOLE	1	11,714	0	0
INFUSYSTEM HOLDINGS INC	COM	45685K102	209	10,044	SH	SOLE	1	10,044	0	0
INGERSOLL RAND INC	COM	45687V106	5,560	113,909	SH	SOLE	1	113,909	0	0
INGEVITY CORP	COM	45688C107	7,580	93,167	SH	SOLE	1	93,167	0	0
INGLES MARKETS INC CLASS A	COM	457030104	459	7,869	SH	SOLE	1	7,869	0	0
INGREDION INC	COM	457187102	10,768	118,979	SH	SOLE	1	118,979	0	0
INHIBRX INC	COM	45720L107	430	15,642	SH	SOLE	1	15,642	0	0
INNOSPEC INC	COM	45768S105	1,444	15,937	SH	SOLE	1	15,937	0	0
INNOVAGE HOLDING CORP	COM	45784A104	219	10,271	SH	SOLE	1	10,271	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	2,944	15,412	SH	SOLE	1	15,412	0	0
INNOVIVA INC	COM	45781M101	551	41,054	SH	SOLE	1	41,054	0	0
INOGEN INC	COM	45780L104	821	12,604	SH	SOLE	1	12,604	0	0
INOTIV INC	COM	45783Q100	194	7,257	SH	SOLE	1	7,257	0	0
INOVALON HOLDINGS INC A	COM	45781D101	1,443	42,334	SH	SOLE	1	42,334	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	1,074	115,857	SH	SOLE	1	115,857	0	0
INOZYME PHARMA INC	COM	45790W108	137	8,062	SH	SOLE	1	8,062	0	0
INSEGO CORP	COM	45782B104	471	46,710	SH	SOLE	1	46,710	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	2,273	22,732	SH	SOLE	1	22,732	0	0
INSMED INC	COM	457669307	1,647	57,859	SH	SOLE	1	57,859	0	0
INSPERITY INC	COM	45778Q107	7,574	83,809	SH	SOLE	1	83,809	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	2,913	15,071	SH	SOLE	1	15,071	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	1,873	15,305	SH	SOLE	1	15,305	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	391	12,168	SH	SOLE	1	12,168	0	0
INSTIL BIO INC	COM	45783C101	189	9,766	SH	SOLE	1	9,766	0	0
INSULET CORP	COM	45784P101	383	1,397	SH	SOLE	1	1,397	0	0
INTEGER HOLDINGS CORP	COM	45826H109	2,011	21,344	SH	SOLE	1	21,344	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	8,611	126,181	SH	SOLE	1	126,181	0	0
INTEL CORP	COM	458140100	85,526	1,523,440	SH	SOLE	1	1,523,440	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	5,796	35,796	SH	SOLE	1	35,796	0	0

INTELLIGENT SYSTEMS CORP	COM	45816D100	130	4,129	SH	SOLE	1	4,129	0	0
INTER PARFUMS INC	COM	458334109	835	11,598	SH	SOLE	1	11,598	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	9,437	143,577	SH	SOLE	1	143,577	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	314	15,706	SH	SOLE	1	15,706	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	25,006	210,664	SH	SOLE	1	210,664	0	0
INTERDIGITAL INC	COM	45867G101	1,466	20,078	SH	SOLE	1	20,078	0	0
INTERFACE INC	COM	458665304	579	37,828	SH	SOLE	1	37,828	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	5,517	128,487	SH	SOLE	1	128,487	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	1,343	56,036	SH	SOLE	1	56,036	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	266	17,940	SH	SOLE	1	17,940	0	0
INTERNATIONAL PAPER CO	COM	460146103	7,731	126,089	SH	SOLE	1	126,089	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	257	13,379	SH	SOLE	1	13,379	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	7,071	217,641	SH	SOLE	1	217,641	0	0
INTERSECT ENT INC	COM	46071F103	319	18,658	SH	SOLE	1	18,658	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	216,183	1,474,747	SH	SOLE	1	1,474,747	0	0
INTL FLAVORS & FRAGRANCES	COM	459506101	11,800	78,984	SH	SOLE	1	78,984	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	1,617	39,602	SH	SOLE	1	39,602	0	0
INTREPID POTASH INC	COM	46121Y201	178	5,579	SH	SOLE	1	5,579	0	0
INTUIT INC	COM	461202103	57,391	117,083	SH	SOLE	1	117,083	0	0
INTUITIVE SURGICAL INC	COM	46120E602	39,072	42,486	SH	SOLE	1	42,486	0	0
INVACARE CORP	COM	461203101	177	21,970	SH	SOLE	1	21,970	0	0
INVESCO LTD	COM	G491BT108	3,431	128,341	SH	SOLE	1	128,341	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B100	641	164,371	SH	SOLE	1	164,371	0	0
INVESCO SENIOR LOAN	ETF	46138G508	201,565	9,100	SH	SOLE		9,100	0	0
INVESTORS BANCORP INC	COM	46146L101	2,114	148,275	SH	SOLE	1	148,275	0	0
INVESTORS TITLE CO	COM	461804106	127	728	SH	SOLE	1	728	0	0
INVITAE CORP	COM	46185L103	3,788	112,290	SH	SOLE	1	112,290	0	0
INVITATION HOMES INC	COM	46187W107	265	7,097	SH	SOLE	1	7,097	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	114	2,868	SH	SOLE	1	2,868	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	57	2,196	SH	SOLE	1	2,196	0	0
IPG PHOTONICS CORP	COM	44980X109	2,331	11,058	SH	SOLE	1	11,058	0	0
IQIYI INC ADR	ADR	46267X108	57	3,642	SH	SOLE	1	3,642	0	0
IQVIA HOLDINGS INC	COM	46266C105	16,650	68,709	SH	SOLE	1	68,709	0	0
IRADIMED CORP	COM	46266A109	104	3,553	SH	SOLE	1	3,553	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,097	16,534	SH	SOLE	1	16,534	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	10,964	274,173	SH	SOLE	1	274,173	0	0
IROBOT CORP	COM	462726100	1,697	18,176	SH	SOLE	1	18,176	0	0
IRON MOUNTAIN INC	COM	46284V101	3,800	89,798	SH	SOLE	1	89,798	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	1,048	81,404	SH	SOLE	1	81,404	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	8,814	102,300	SH	SOLE	1	102,300	0	0
ISHARES 10 20 YEAR	10-20 YR	464288653	206	1,400	SH	SOLE	1	1,400	0	0

TREASURY BO	TRS ETF										
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	2,050	14,200	SH	SOLE	1	14,200	0	0	
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	9,816	75,200	SH	SOLE	1	75,200	0	0	
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,552	22,100	SH	SOLE	1	22,100	0	0	
ISHARES CORE S&P 500 ETF	ETF	464287200	134,694	313,300	SH	SOLE	1	313,300	0	0	
ISHARES CORE S&P SMALL CAP ETF	CORE S&P SCP ETF	464287804	1,481	13,111	SH	SOLE	1	13,111	0	0	
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	17,037	126,800	SH	SOLE	1	126,800	0	0	
ISHARES MSCI CHINA A ETF	A	46434V514	5,056	114,006	SH	SOLE	1	114,006	0	0	
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	117,208	1,485,900	SH	SOLE	1	1,485,900	0	0	
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	4,979	90,277	SH	SOLE	1	90,277	0	0	
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	13,648	59,500	SH	SOLE	1	59,500	0	0	
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	2,558	22,600	SH	SOLE	1	22,600	0	0	
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	1,551	13,490	SH	SOLE	1	13,490	0	0	
ISHARES S&P 500 GROWTH ETF	ETF	464287309	15,411	211,900	SH	SOLE	1	211,900	0	0	
ISHARES S&P 500 VALUE ETF	S&P 500 VAL ETF	464287408	14,138	95,760	SH	SOLE	1	95,760	0	0	
ISHARES:1-5 IG CORP BD	ETF	464288646	1,337,364	24,400	SH	SOLE		24,400	0	0	
ISHARES:IBOXX \$HY CORP	ETF	464288513	22,010	250	SH	SOLE		250	0	0	
ISHARES:JPM EM LC BD	ETF	464286517	65,475	1,500	SH	SOLE		1,500	0	0	
ISHARES:MSCI SPAIN	ETF	464286764	28,420	1,000	SH	SOLE		1,000	0	0	
ISHARES:MSCI UK	ETF	46435G334	98,100	3,000	SH	SOLE		3,000	0	0	
ISHARES:PREF AND INC SEC	ETF	464288687	118,005	3,000	SH	SOLE		3,000	0	0	
ISHARES:TIPS BD ETF	ETF	464287176	128,010	1,000	SH	SOLE		1,000	0	0	
ISTAR INC	COM	45031U101	957	46,184	SH	SOLE	1	46,184	0	0	
ITEOS THERAPEUTICS INC	COM	46565G104	290	11,317	SH	SOLE	1	11,317	0	0	
ITERIS INC	COM	46564T107	155	23,373	SH	SOLE	1	23,373	0	0	
ITRON INC	COM	465741106	2,936	29,369	SH	SOLE	1	29,369	0	0	
ITT INC	COM	45073V108	14,009	152,954	SH	SOLE	1	152,954	0	0	
IVERIC BIO INC	COM	46583P102	320	50,752	SH	SOLE	1	50,752	0	0	
J & J SNACK FOODS CORP	COM	466032109	1,675	9,602	SH	SOLE	1	9,602	0	0	
J2 GLOBAL INC	COM	48123V102	13,646	99,209	SH	SOLE	1	99,209	0	0	
JABIL INC	COM	466313103	13,892	239,029	SH	SOLE	1	239,029	0	0	
JACK HENRY & ASSOCIATES INC	COM	426281101	3,761	23,000	SH	SOLE	1	23,000	0	0	
JACK IN THE BOX INC	COM	466367109	5,805	52,091	SH	SOLE	1	52,091	0	0	
JACOBS ENGINEERING GROUP INC	COM	469814107	5,352	40,111	SH	SOLE	1	40,111	0	0	
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	877	23,376	SH	SOLE	1	23,376	0	0	
JAMF HOLDING CORP	COM	47074L105	35	1,048	SH	SOLE	1	1,048	0	0	
JANUS HENDERSON GROUP PLC	COM	G4474Y214	11,764	303,112	SH	SOLE	1	303,112	0	0	
JAZZ PHARMACEUTICALS PLC	COM	G50871105	18,963	106,749	SH	SOLE	1	106,749	0	0	
JBG SMITH PROPERTIES	COM	46590V100	6,188	196,393	SH	SOLE	1	196,393	0	0	
JD.COM INC ADR	ADR	47215P106	5,000	62,652	SH	SOLE	1	62,652	0	0	
JEFFERIES FINANCIAL	COM	47233W109	12,162	355,609	SH	SOLE	1	355,609	0	0	

GROUP IN										
JELD WEN HOLDING INC	COM	47580P103	1,236	47,076	SH	SOLE	1	47,076	0	0
JETBLUE AIRWAYS CORP	COM	477143101	9,439	562,489	SH	SOLE	1	562,489	0	0
JFROG LTD	ORD SHS	M6191J100	1,316	28,918	SH	SOLE	1	28,918	0	0
JM SMUCKER CO/THE	COM	832696405	153,557	1,185,130	SH	SOLE	1	1,185,130	0	0
JOANN INC	COM	47768J101	102	6,503	SH	SOLE	1	6,503	0	0
JOHN B. SANFILIPPO & SON INC	COM	800422107	511	5,765	SH	SOLE	1	5,765	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2,911	20,414	SH	SOLE	1	20,414	0	0
JOHNSON & JOHNSON	COM	478160104	145,537	883,433	SH	SOLE	1	883,433	0	0
JOHNSON CONTROLS INTERNATIONAL	COM	G51502105	14,391	209,693	SH	SOLE	1	209,693	0	0
JOHNSON OUTDOORS INC A	COM	479167108	355	2,933	SH	SOLE	1	2,933	0	0
JOINT CORP/THE	COM	47973J102	742	8,843	SH	SOLE	1	8,843	0	0
JONES LANG LASALLE INC	COM	48020Q107	17,815	91,142	SH	SOLE	1	91,142	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	126	18,472	SH	SOLE	1	18,472	0	0
JOYY INC ADR	ADS RESTG COM A	46591M109	49	750	SH	SOLE	1	750	0	0
JPMORGAN CHASE & CO	COM	46625H100	345,344	2,220,291	SH	SOLE	1	2,220,291	0	0
JUNIPER NETWORKS INC	COM	48203R104	4,686	171,349	SH	SOLE	1	171,349	0	0
KADANT INC	COM	48282T104	1,137	6,456	SH	SOLE	1	6,456	0	0
KADMON HOLDINGS INC	COM	48283N106	376	97,125	SH	SOLE	1	97,125	0	0
KAISER ALUMINUM CORP	COM	483007704	1,268	10,269	SH	SOLE	1	10,269	0	0
KALA PHARMACEUTICALS INC	COM	483119103	144	27,093	SH	SOLE	1	27,093	0	0
KALEIDO BIOSCIENCES INC	COM	483347100	81	10,854	SH	SOLE	1	10,854	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	267	11,139	SH	SOLE	1	11,139	0	0
KAMAN CORP	COM	483548103	905	17,958	SH	SOLE	1	17,958	0	0
KANSAS CITY SOUTHERN	COM	485170302	7,985	28,179	SH	SOLE	1	28,179	0	0
KAR AUCTION SERVICES INC	COM	48238T109	5,086	289,813	SH	SOLE	1	289,813	0	0
KARAT PACKAGING INC	COM	48563L101	52	2,569	SH	SOLE	1	2,569	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	1,418	12,441	SH	SOLE	1	12,441	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	416	40,342	SH	SOLE	1	40,342	0	0
KB HOME	COM	48666K109	8,430	207,021	SH	SOLE	1	207,021	0	0
KBR INC	COM	48242W106	12,535	328,575	SH	SOLE	1	328,575	0	0
KE HOLDINGS INC ADR	SPON ADS	482497104	62	1,300	SH	SOLE	1	1,300	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	489	40,931	SH	SOLE	1	40,931	0	0
KELLOGG CO	COM	487836108	5,140	79,901	SH	SOLE	1	79,901	0	0
KELLY SERVICES INC A	COM	488152208	544	22,711	SH	SOLE	1	22,711	0	0
KEMPER CORP	COM	488401100	7,968	107,821	SH	SOLE	1	107,821	0	0
KEMPHARM INC	COM	488445206	205	16,014	SH	SOLE	1	16,014	0	0
KENNAMETAL INC	COM	489170100	6,980	194,316	SH	SOLE	1	194,316	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,337	67,300	SH	SOLE	1	67,300	0	0
KEROS THERAPEUTICS INC	COM	492327101	371	8,744	SH	SOLE	1	8,744	0	0
KEURIG DR PEPPER INC	COM	49271V100	4,798	136,148	SH	SOLE	1	136,148	0	0

KEYCORP	COM	493267108	6,113	296,042	SH	SOLE	1	296,042	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	9,519	61,645	SH	SOLE	1	61,645	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	104	19,177	SH	SOLE	1	19,177	0	0
KFORCE INC	COM	493732101	724	11,508	SH	SOLE	1	11,508	0	0
KILROY REALTY CORP	COM	49427F108	13,119	188,376	SH	SOLE	1	188,376	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	293	13,489	SH	SOLE	1	13,489	0	0
KIMBALL INTERNATIONAL B	COM	494274103	266	20,236	SH	SOLE	1	20,236	0	0
KIMBERLY CLARK CORP	COM	494368103	131,815	985,315	SH	SOLE	1	985,315	0	0
KIMCO REALTY CORP	COM	49446R109	4,935	236,706	SH	SOLE	1	236,706	0	0
KINDER MORGAN INC	COM	49456B101	15,594	855,402	SH	SOLE	1	855,402	0	0
KINGSOFT CLOUD HOLDINGS ADR	ADS	49639K101	24	700	SH	SOLE	1	700	0	0
KINIKA PHARMACEUTICALS A	COM	G5269C101	228	16,341	SH	SOLE	1	16,341	0	0
KINNATE BIOPHARMA INC	COM	49705R105	177	7,598	SH	SOLE	1	7,598	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	8,218	49,878	SH	SOLE	1	49,878	0	0
KIRBY CORP	COM	497266106	6,474	106,767	SH	SOLE	1	106,767	0	0
KIRKLAND S INC	COM	497498105	180	7,852	SH	SOLE	1	7,852	0	0
KITE REALTY GROUP TRUST	COM	49803T300	1,194	54,266	SH	SOLE	1	54,266	0	0
KKR & CO INC	COM	48251W104	407	6,878	SH	SOLE	1	6,878	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	444	20,539	SH	SOLE	1	20,539	0	0
KLA CORP	COM	482480100	18,740	57,803	SH	SOLE	1	57,803	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	9,913	218,055	SH	SOLE	1	218,055	0	0
KNOLL INC	COM	498904200	693	26,679	SH	SOLE	1	26,679	0	0
KNOWLES CORP	COM	49926D109	1,148	58,139	SH	SOLE	1	58,139	0	0
KODIAK SCIENCES INC	COM	50015M109	1,745	18,768	SH	SOLE	1	18,768	0	0
KOHL'S CORP	COM	500255104	15,296	277,545	SH	SOLE	1	277,545	0	0
KONTOOR BRANDS INC	COM	50050N103	1,877	33,274	SH	SOLE	1	33,274	0	0
KOPIN CORP	COM	500600101	356	43,486	SH	SOLE	1	43,486	0	0
KOPPERS HOLDINGS INC	COM	50060P106	438	13,527	SH	SOLE	1	13,527	0	0
KORN FERRY	COM	500643200	2,519	34,725	SH	SOLE	1	34,725	0	0
KOSMOS ENERGY LTD	COM	500688106	786	227,063	SH	SOLE	1	227,063	0	0
KRAFT HEINZ CO/THE	COM	500754106	16,241	398,266	SH	SOLE	1	398,266	0	0
KRATON CORP	COM	50077C106	661	20,471	SH	SOLE	1	20,471	0	0
KRATOS DEFENSE & SECURITY	COM	50077B207	1,959	68,749	SH	SOLE	1	68,749	0	0
KROGER CO	COM	501044101	10,100	263,647	SH	SOLE	1	263,647	0	0
KRONOS BIO INC	COM	50107A104	521	21,751	SH	SOLE	1	21,751	0	0
KRONOS WORLDWIDE INC	COM	50105F105	179	12,476	SH	SOLE	1	12,476	0	0
KRYSTAL BIOTECH INC	COM	501147102	683	10,049	SH	SOLE	1	10,049	0	0
KULICKE & SOFFA INDUSTRIES	COM	501242101	2,438	39,837	SH	SOLE	1	39,837	0	0
KURA ONCOLOGY INC	COM	50127T109	742	35,606	SH	SOLE	1	35,606	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	73	1,917	SH	SOLE	1	1,917	0	0
KVH INDUSTRIES INC	COM	482738101	104	8,493	SH	SOLE	1	8,493	0	0
KYMERA THERAPEUTICS INC	COM	501575104	786	16,198	SH	SOLE	1	16,198	0	0
L BRANDS INC	COM	501797104	5,283	73,315	SH	SOLE	1	73,315	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	13,089	60,553	SH	SOLE	1	60,553	0	0
LA Z BOY INC	COM	505336107	1,107	29,886	SH	SOLE	1	29,886	0	0

LABORATORY CRP OF AMER HLDGS	COM	50540R409	10,949	39,693	SH	SOLE	1	39,693	0	0
LADDER CAPITAL CORP REIT	COM	505743104	735	63,686	SH	SOLE	1	63,686	0	0
LAIRD SUPERFOOD INC	COM	50736T102	104	3,472	SH	SOLE	1	3,472	0	0
LAKELAND BANCORP INC	COM	511637100	479	27,403	SH	SOLE	1	27,403	0	0
LAKELAND FINANCIAL CORP	COM	511656100	843	13,675	SH	SOLE	1	13,675	0	0
LAM RESEARCH CORP	COM	512807108	36,234	55,685	SH	SOLE	1	55,685	0	0
LAMAR ADVERTISING CO A	COM	512816109	16,148	154,645	SH	SOLE	1	154,645	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	3,672	45,523	SH	SOLE	1	45,523	0	0
LANCASTER COLONY CORP	COM	513847103	8,735	45,138	SH	SOLE	1	45,138	0	0
LANDEC CORP	COM	514766104	165	14,654	SH	SOLE	1	14,654	0	0
LANDOS BIOPHARMA INC	COM	515069102	42	3,621	SH	SOLE	1	3,621	0	0
LANDS END INC	COM	51509F105	330	8,040	SH	SOLE	1	8,040	0	0
LANDSEA HOMES CORP	COM	51509P103	28	3,363	SH	SOLE	1	3,363	0	0
LANDSTAR SYSTEM INC	COM	515098101	10,828	68,521	SH	SOLE	1	68,521	0	0
LANTHEUS HOLDINGS INC	COM	516544103	1,209	43,755	SH	SOLE	1	43,755	0	0
LAREDO PETROLEUM INC	COM	516806205	734	7,911	SH	SOLE	1	7,911	0	0
LAS VEGAS SANDS CORP	COM	517834107	5,064	96,112	SH	SOLE	1	96,112	0	0
LATHAM GROUP INC	COM	51819L107	416	13,007	SH	SOLE	1	13,007	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	17,805	316,928	SH	SOLE	1	316,928	0	0
LAUREATE EDUCATION INC A	COM	518613203	860	59,244	SH	SOLE	1	59,244	0	0
LAWSON PRODUCTS INC	COM	520776105	143	2,667	SH	SOLE	1	2,667	0	0
LAZARD LTD CL A	CL A	G54050102	58	1,273	SH	SOLE	1	1,273	0	0
LAZYDAYS HOLDINGS INC	COM	52110H100	91	4,117	SH	SOLE	1	4,117	0	0
LCI INDUSTRIES	COM	50189K103	2,121	16,139	SH	SOLE	1	16,139	0	0
LEAR CORP	COM	521865204	17,052	97,282	SH	SOLE	1	97,282	0	0
LEGACY HOUSING CORP	COM	52472M101	76	4,506	SH	SOLE	1	4,506	0	0
LEGGETT & PLATT INC	COM	524660107	2,106	40,643	SH	SOLE	1	40,643	0	0
LEIDOS HOLDINGS INC	COM	525327102	4,110	40,657	SH	SOLE	1	40,657	0	0
LEMAITRE VASCULAR INC	COM	525558201	707	11,584	SH	SOLE	1	11,584	0	0
LEMONADE INC	COM	52567D107	56	512	SH	SOLE	1	512	0	0
LENDINGCLUB CORP	COM	52603A208	980	54,068	SH	SOLE	1	54,068	0	0
LENDINGTREE INC	COM	52603B107	5,509	26,000	SH	SOLE	1	26,000	0	0
LENNAR CORP B SHS	COM	526057302	16	196	SH	SOLE	1	196	0	0
LENNAR CORP A	COM	526057104	8,353	84,074	SH	SOLE	1	84,074	0	0
LENNOX INTERNATIONAL INC	COM	526107107	21,422	61,065	SH	SOLE	1	61,065	0	0
LESLIE S INC	COM	527064109	60	2,196	SH	SOLE	1	2,196	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	175	38,038	SH	SOLE	1	38,038	0	0
LEXINGTON REALTY TRUST	COM	529043101	2,133	178,480	SH	SOLE	1	178,480	0	0
LGI HOMES INC	COM	50187T106	2,330	14,385	SH	SOLE	1	14,385	0	0
LHC GROUP INC	COM	50187A107	14,614	72,973	SH	SOLE	1	72,973	0	0
LIBERTY BROADBAND A	COM	530307107	52	310	SH	SOLE	1	310	0	0
LIBERTY BROADBAND C	COM	530307305	329	1,897	SH	SOLE	1	1,897	0	0
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	333	24,027	SH	SOLE	1	24,027	0	0

LIBERTY LATIN AMERIC CL C	COM	G9001E128	1,221	86,610	SH	SOLE	1	86,610	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	47	999	SH	SOLE	1	999	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	94	2,027	SH	SOLE	1	2,027	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	158	5,614	SH	SOLE	1	5,614	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	569	20,477	SH	SOLE	1	20,477	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	13	312	SH	SOLE	1	312	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	119	2,477	SH	SOLE	1	2,477	0	0
LIBERTY OILFIELD SERVICES A	COM	53115L104	687	48,522	SH	SOLE	1	48,522	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	166	40,826	SH	SOLE	1	40,826	0	0
LIFE STORAGE INC	COM	53223X107	14,656	136,523	SH	SOLE	1	136,523	0	0
LIFETIME BRANDS INC	COM	53222Q103	106	7,103	SH	SOLE	1	7,103	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	4,962	37,824	SH	SOLE	1	37,824	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	221	70,025	SH	SOLE	1	70,025	0	0
LIMONEIRA CO	COM	532746104	154	8,790	SH	SOLE	1	8,790	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	13,992	106,235	SH	SOLE	1	106,235	0	0
LINCOLN NATIONAL CORP	COM	534187109	3,455	54,974	SH	SOLE	1	54,974	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	275	17,195	SH	SOLE	1	17,195	0	0
LINDE PLC	COM	G5494J103	51,193	177,076	SH	SOLE	1	177,076	0	0
LINDSAY CORP	COM	535555106	1,170	7,081	SH	SOLE	1	7,081	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	194	67,948	SH	SOLE	1	67,948	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	676	32,636	SH	SOLE	1	32,636	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	1,182	64,575	SH	SOLE	1	64,575	0	0
LIQUIDITY SERVICES INC	COM	53635B107	439	17,265	SH	SOLE	1	17,265	0	0
LITHIA MOTORS INC	CL A	536797103	18,170	52,875	SH	SOLE	1	52,875	0	0
LITTELFUSE INC	COM	537008104	11,112	43,612	SH	SOLE	1	43,612	0	0
LIVANOVA PLC	COM	G5509L101	9,564	113,713	SH	SOLE	1	113,713	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	3,888	44,391	SH	SOLE	1	44,391	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	1,042	17,665	SH	SOLE	1	17,665	0	0
LIVENT CORP	COM	53814L108	1,870	96,590	SH	SOLE	1	96,590	0	0
LIVEPERSON INC	COM	538146101	2,632	41,615	SH	SOLE	1	41,615	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	7,363	157,156	SH	SOLE	1	157,156	0	0
LIVEXLIVE MEDIA INC	COM	53839L208	140	29,675	SH	SOLE	1	29,675	0	0
LKQ CORP	COM	501889208	5,510	111,952	SH	SOLE	1	111,952	0	0
LOCKHEED MARTIN CORP	COM	539830109	44,871	118,596	SH	SOLE	1	118,596	0	0
LOEWS CORP	COM	540424108	4,365	79,878	SH	SOLE	1	79,878	0	0
LORAL SPACE & COMMUNICATIONS	COM	543881106	280	7,195	SH	SOLE	1	7,195	0	0
LORDSTOWN MOTORS CORP CL A	COM	54405Q100	695	62,837	SH	SOLE	1	62,837	0	0
LOUISIANA PACIFIC CORP	COM	546347105	10,955	181,708	SH	SOLE	1	181,708	0	0
LOVESAC CO/THE	COM	54738L109	571	7,157	SH	SOLE	1	7,157	0	0
LOWE S COS INC	COM	548661107	45,908	236,676	SH	SOLE	1	236,676	0	0

LPL FINANCIAL HOLDINGS INC	COM	50212V100	227	1,682	SH	SOLE	1	1,682	0	0
LTC PROPERTIES INC	COM	502175102	972	25,323	SH	SOLE	1	25,323	0	0
LUFAX HOLDING LTD ADR	CL A	54975P102	25	2,200	SH	SOLE	1	2,200	0	0
LULULEMON ATHLETICA INC	COM	550021109	3,746	10,264	SH	SOLE	1	10,264	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	393	18,641	SH	SOLE	1	18,641	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	4,142	304,809	SH	SOLE	1	304,809	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	11,060	134,830	SH	SOLE	1	134,830	0	0
LUMINEX CORP	COM	55027E102	1,084	29,444	SH	SOLE	1	29,444	0	0
LUNA INNOVATIONS INC	COM	550351100	185	17,072	SH	SOLE	1	17,072	0	0
LUTHER BURBANK CORP	COM	550550107	104	8,748	SH	SOLE	1	8,748	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	355	15,936	SH	SOLE	1	15,936	0	0
LYDALL INC	COM	550819106	685	11,326	SH	SOLE	1	11,326	0	0
LYFT INC A	COM	55087P104	358	5,927	SH	SOLE	1	5,927	0	0
LYONDELLBASELL INDU CL A	CL A	N53745100	8,351	81,184	SH	SOLE	1	81,184	0	0
M & T BANK CORP	COM	55261F104	5,703	39,246	SH	SOLE	1	39,246	0	0
M/I HOMES INC	COM	55305B101	1,092	18,613	SH	SOLE	1	18,613	0	0
MACATAWA BANK CORP	COM	554225102	129	14,722	SH	SOLE	1	14,722	0	0
MACERICH CO/THE	COM	554382101	7,407	405,844	SH	SOLE	1	405,844	0	0
MACK CALI REALTY CORP	COM	554489104	976	56,898	SH	SOLE	1	56,898	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	1,749	27,288	SH	SOLE	1	27,288	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	1,584	41,401	SH	SOLE	1	41,401	0	0
MACROGENICS INC	COM	556099109	888	33,054	SH	SOLE	1	33,054	0	0
MACY S INC	COM	55616P104	3,864	203,810	SH	SOLE	1	203,810	0	0
MADISON SQUARE GARDEN ENTERT	CL A	55826T102	890	10,596	SH	SOLE	1	10,596	0	0
MADISON SQUARE GARDEN SPORTS	CL A	55825T103	51	298	SH	SOLE	1	298	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	620	6,362	SH	SOLE	1	6,362	0	0
MAGELLAN HEALTH INC	COM	559079207	1,448	15,373	SH	SOLE	1	15,373	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	164	16,764	SH	SOLE	1	16,764	0	0
MAGNITE INC	COM	55955D100	1,992	58,862	SH	SOLE	1	58,862	0	0
MAGNOLIA OIL & GAS CORP A	COM	559663109	1,220	78,026	SH	SOLE	1	78,026	0	0
MAIDEN HOLDINGS LTD	LTD SHS	G5753U112	131	38,954	SH	SOLE	1	38,954	0	0
MALIBU BOATS INC A	COM	56117J100	852	11,613	SH	SOLE	1	11,613	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	16,410	113,300	SH	SOLE	1	113,300	0	0
MANITOWOC COMPANY INC	COM	563571405	471	19,238	SH	SOLE	1	19,238	0	0
MANNKIND CORP	COM	56400P706	754	138,357	SH	SOLE	1	138,357	0	0
MANPOWERGROUP INC	COM	56418H100	11,518	96,861	SH	SOLE	1	96,861	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	1,541	17,808	SH	SOLE	1	17,808	0	0
MARATHON DIGITAL HOLDINGS IN	COM	565788106	1,678	53,496	SH	SOLE	1	53,496	0	0
MARATHON OIL CORP	COM	565849106	3,274	240,394	SH	SOLE	1	240,394	0	0
MARATHON PETROLEUM CORP	COM	56585A102	14,560	240,987	SH	SOLE	1	240,987	0	0
MARAVAI LIFESCIENCES	CL A	56600D107	67	1,595	SH	SOLE	1	1,595	0	0

HLDGS A										
MARCUS & MILLICHAP INC	COM	566324109	601	15,451	SH	SOLE	1	15,451	0	0
MARCUS CORPORATION	COM	566330106	317	14,939	SH	SOLE	1	14,939	0	0
MARINE PRODUCTS CORP	COM	568427108	70	4,564	SH	SOLE	1	4,564	0	0
MARINEMAX INC	COM	567908108	684	14,026	SH	SOLE	1	14,026	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q200	371	20,696	SH	SOLE	1	20,696	0	0
MARKEL CORP	COM	570535104	224	189	SH	SOLE	1	189	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	6,277	13,539	SH	SOLE	1	13,539	0	0
MARLIN BUSINESS SERVICES INC	COM	571157106	104	4,550	SH	SOLE	1	4,550	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	15,190	111,267	SH	SOLE	1	111,267	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	12,080	75,832	SH	SOLE	1	75,832	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	93	56,139	SH	SOLE	1	56,139	0	0
MARSH & MCLENNAN COS	COM	571748102	24,499	174,150	SH	SOLE	1	174,150	0	0
MARTEN TRANSPORT LTD	COM	573075108	636	38,580	SH	SOLE	1	38,580	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	6,693	19,025	SH	SOLE	1	19,025	0	0
MARVELL TECHNOLOGY INC	COM	573874104	3,588	61,513	SH	SOLE	1	61,513	0	0
MASCO CORP	COM	574599106	4,593	77,967	SH	SOLE	1	77,967	0	0
MASIMO CORP	COM	574795100	21,868	90,195	SH	SOLE	1	90,195	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	1,538	13,756	SH	SOLE	1	13,756	0	0
MASTEC INC	COM	576323109	10,644	100,323	SH	SOLE	1	100,323	0	0
MASTERCARD INC A	COM	57636Q104	108,641	297,572	SH	SOLE	1	297,572	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	277	10,536	SH	SOLE	1	10,536	0	0
MATADOR RESOURCES CO	COM	576485205	2,587	71,832	SH	SOLE	1	71,832	0	0
MATCH GROUP INC	COM	57667L107	3,655	22,666	SH	SOLE	1	22,666	0	0
MATERION CORP	COM	576690101	997	13,233	SH	SOLE	1	13,233	0	0
MATRIX SERVICE CO	COM	576853105	178	16,959	SH	SOLE	1	16,959	0	0
MATSON INC	COM	57686G105	1,789	27,947	SH	SOLE	1	27,947	0	0
MATTEL INC	COM	577081102	12,514	622,595	SH	SOLE	1	622,595	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	725	20,158	SH	SOLE	1	20,158	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	1,605	40,193	SH	SOLE	1	40,193	0	0
MAXIM INTEGRATED PRODUCTS	COM	57772K101	10,714	101,688	SH	SOLE	1	101,688	0	0
MAXIMUS INC	COM	577933104	12,563	142,805	SH	SOLE	1	142,805	0	0
MAXLINEAR INC	COM	57776J100	1,925	45,304	SH	SOLE	1	45,304	0	0
MAYVILLE ENGINEERING CO INC	COM	578605107	101	5,019	SH	SOLE	1	5,019	0	0
MBIA INC	COM	55262C100	296	26,868	SH	SOLE	1	26,868	0	0
MCAFEE CORP CLASS A	CL A	579063108	25	883	SH	SOLE	1	883	0	0
MCCORMICK & CO NON VTG SHRS	COM	579780206	8,040	91,030	SH	SOLE	1	91,030	0	0
MCDONALD S CORP	COM	580135101	74,558	322,774	SH	SOLE	1	322,774	0	0
MCDONALD'S ORD	COM	580135101	115,495	500	SH	SOLE	1	500	0	0
MCGRATH RENTCORP	COM	580589109	1,104	13,535	SH	SOLE	1	13,535	0	0
MCKESSON CORP	COM	58155Q103	9,270	48,473	SH	SOLE	1	48,473	0	0
MDC HOLDINGS INC	COM	552676108	1,872	36,988	SH	SOLE	1	36,988	0	0
MDC PARTNERS INC A	CL A	552697104	205	35,022	SH	SOLE	1	35,022	0	0

MDU RESOURCES GROUP INC	COM	552690109	11,201	357,391	SH	SOLE	1	357,391	0	0
MEDALLIA INC	COM	584021109	60	1,783	SH	SOLE	1	1,783	0	0
MEDAVAIL HOLDINGS INC	COM	58406B103	80	6,567	SH	SOLE	1	6,567	0	0
MEDIAALPHA INC CLASS A	CL A	58450V104	489	11,606	SH	SOLE	1	11,606	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	21,001	1,044,801	SH	SOLE	1	1,044,801	0	0
MEDIFAST INC	COM	58470H101	2,143	7,574	SH	SOLE	1	7,574	0	0
MEDNAX INC	COM	58502B106	1,517	50,331	SH	SOLE	1	50,331	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	11,500	65,106	SH	SOLE	1	65,106	0	0
MEDTRONIC PLC	COM	G5960L103	51,161	412,160	SH	SOLE	1	412,160	0	0
MEI PHARMA INC	COM	55279B202	173	60,746	SH	SOLE	1	60,746	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	259	16,691	SH	SOLE	1	16,691	0	0
MELCO RESORTS & ENTERT ADR	ADR	585464100	484	29,229	SH	SOLE	1	29,229	0	0
MERCADOLIBRE INC	COM	58733R102	4,874	3,129	SH	SOLE	1	3,129	0	0
MERCANTILE BANK CORP	COM	587376104	268	8,863	SH	SOLE	1	8,863	0	0
MERCER INTERNATIONAL INC	COM	588056101	45	3,524	SH	SOLE	1	3,524	0	0
MERCHANTS BANCORP/IN	COM	58844R108	217	5,518	SH	SOLE	1	5,518	0	0
MERCK & CO. INC.	COM	58933Y105	209,567	2,694,698	SH	SOLE	1	2,694,698	0	0
MERCURY GENERAL CORP	COM	589400100	3,067	47,216	SH	SOLE	1	47,216	0	0
MERCURY SYSTEMS INC	COM	589378108	6,612	99,755	SH	SOLE	1	99,755	0	0
MEREDITH CORP	COM	589433101	1,128	25,971	SH	SOLE	1	25,971	0	0
MERIDIAN BANCORP INC	COM	58958U103	536	26,200	SH	SOLE	1	26,200	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	616	27,752	SH	SOLE	1	27,752	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	2,144	33,151	SH	SOLE	1	33,151	0	0
MERITAGE HOMES CORP	COM	59001A102	2,293	24,377	SH	SOLE	1	24,377	0	0
MERITOR INC	COM	59001K100	1,073	45,810	SH	SOLE	1	45,810	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	524	38,588	SH	SOLE	1	38,588	0	0
MESA AIR GROUP INC	COM	590479135	179	19,224	SH	SOLE	1	19,224	0	0
MESA LABORATORIES INC	COM	59064R109	862	3,179	SH	SOLE	1	3,179	0	0
META FINANCIAL GROUP INC	COM	59100U108	1,036	20,463	SH	SOLE	1	20,463	0	0
META MATERIALS INC	COM	59134N104	258	34,481	SH	SOLE	1	34,481	0	0
METHODE ELECTRONICS INC	COM	591520200	1,221	24,816	SH	SOLE	1	24,816	0	0
METLIFE INC	COM	59156R108	13,030	217,706	SH	SOLE	1	217,706	0	0
METROCITY BANKSHARES INC	COM	59165J105	186	10,641	SH	SOLE	1	10,641	0	0
METROMILE INC	COM	591697107	188	20,575	SH	SOLE	1	20,575	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	259	4,307	SH	SOLE	1	4,307	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	11,080	7,998	SH	SOLE	1	7,998	0	0
MFA FINANCIAL INC	COM	55272X102	1,139	248,102	SH	SOLE	1	248,102	0	0
MGE ENERGY INC	COM	55277P104	1,520	20,414	SH	SOLE	1	20,414	0	0
MGIC INVESTMENT CORP	COM	552848103	9,256	680,557	SH	SOLE	1	680,557	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	5,298	124,221	SH	SOLE	1	124,221	0	0
MGP INGREDIENTS INC	COM	55303J106	617	9,115	SH	SOLE	1	9,115	0	0

MICROCHIP TECHNOLOGY INC	COM	595017104	15,557	103,894	SH	SOLE	1	103,894	0	0
MICRON TECHNOLOGY INC	COM	595112103	37,065	436,163	SH	SOLE	1	436,163	0	0
MICROSOFT CORP	COM	594918104	691,178	2,551,413	SH	SOLE	1	2,551,413	0	0
MICROSTRATEGY INC CL A	CL A	594972408	3,384	5,092	SH	SOLE	1	5,092	0	0
MICROVISION INC	COM	594960304	1,486	88,731	SH	SOLE	1	88,731	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	5,881	34,919	SH	SOLE	1	34,919	0	0
MID PENN BANCORP INC	COM	59540G107	151	5,508	SH	SOLE	1	5,508	0	0
MIDDLEBY CORP	COM	596278101	17,146	98,963	SH	SOLE	1	98,963	0	0
MIDDLESEX WATER CO	COM	596680108	791	9,683	SH	SOLE	1	9,683	0	0
MIDLAND STATES BANCORP INC	COM	597742105	320	12,169	SH	SOLE	1	12,169	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	233	8,115	SH	SOLE	1	8,115	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	245	6,217	SH	SOLE	1	6,217	0	0
MIMECAST LTD	COM	G14838109	1,773	33,425	SH	SOLE	1	33,425	0	0
MIMEDX GROUP INC	COM	602496101	779	62,246	SH	SOLE	1	62,246	0	0
MIND MEDICINE MINDMED INC	COM	60255C109	623	180,470	SH	SOLE	1	180,470	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	6,163	78,339	SH	SOLE	1	78,339	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	125	773	SH	SOLE	1	773	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	35	2,020	SH	SOLE	1	2,020	0	0
MISONIX INC	COM	604871103	152	6,855	SH	SOLE	1	6,855	0	0
MISSION PRODUCE INC	COM	60510V108	430	20,780	SH	SOLE	1	20,780	0	0
MISTRAS GROUP INC	COM	60649T107	110	11,191	SH	SOLE	1	11,191	0	0
MITEK SYSTEMS INC	COM	606710200	453	23,516	SH	SOLE	1	23,516	0	0
MKS INSTRUMENTS INC	COM	55306N104	17,571	98,741	SH	SOLE	1	98,741	0	0
MOBILE TELESYSTEMS SP ADR	ADR	607409109	49	5,342	SH	SOLE	1	5,342	0	0
MODEL N INC	COM	607525102	668	19,487	SH	SOLE	1	19,487	0	0
MODERNA INC	COM	60770K107	5,921	25,200	SH	SOLE	1	25,200	0	0
MODINE MANUFACTURING CO	COM	607828100	465	28,032	SH	SOLE	1	28,032	0	0
MODIVCARE INC	COM	60783X104	1,369	8,049	SH	SOLE	1	8,049	0	0
MOELIS & CO CLASS A	COM	60786M105	1,950	34,282	SH	SOLE	1	34,282	0	0
MOHAWK INDUSTRIES INC	COM	608190104	3,428	17,839	SH	SOLE	1	17,839	0	0
MOLECULAR TEMPLATES INC	COM	608550109	162	20,718	SH	SOLE	1	20,718	0	0
MOLINA HEALTHCARE INC	COM	60855R100	26,270	103,811	SH	SOLE	1	103,811	0	0
MOLSON COORS BEVERAGE CO B	CL B	60871R209	4,619	86,024	SH	SOLE	1	86,024	0	0
MOMENTIVE GLOBAL INC	COM	60878Y108	1,513	71,804	SH	SOLE	1	71,804	0	0
MOMO INC SPON ADR	ADR	60879B107	28	1,846	SH	SOLE	1	1,846	0	0
MONARCH CASINO & RESORT INC	COM	609027107	558	8,433	SH	SOLE	1	8,433	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	33,259	532,649	SH	SOLE	1	532,649	0	0
MONEYGRAM INTERNATIONAL INC	COM	60935Y208	440	43,691	SH	SOLE	1	43,691	0	0
MONGODB INC	COM	60937P106	404	1,118	SH	SOLE	1	1,118	0	0
MONMOUTH REAL ESTATE INV COR	COM	609720107	999	53,387	SH	SOLE	1	53,387	0	0
MONOLITHIC POWER	COM	609839105	5,132	13,743	SH	SOLE	1	13,743	0	0

SYSTEMS INC

MONRO INC	COM	610236101	1,370	21,578	SH	SOLE	1	21,578	0	0
MONSTER BEVERAGE CORP	COM	61174X109	15,496	169,630	SH	SOLE	1	169,630	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	673	12,538	SH	SOLE	1	12,538	0	0
MOODY S CORP	COM	615369105	23,039	63,578	SH	SOLE	1	63,578	0	0
MOOG INC CLASS A	COM	615394202	1,583	18,826	SH	SOLE	1	18,826	0	0
MORGAN STANLEY	COM	617446448	47,247	515,294	SH	SOLE	1	515,294	0	0
MORNINGSTAR INC	COM	617700109	122	475	SH	SOLE	1	475	0	0
MORPHIC HOLDING INC	COM	61775R105	667	11,618	SH	SOLE	1	11,618	0	0
MOSAIC CO/THE	COM	61945C103	3,364	105,434	SH	SOLE	1	105,434	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	274	12,215	SH	SOLE	1	12,215	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	12,271	56,587	SH	SOLE	1	56,587	0	0
MOVADO GROUP INC	COM	624580106	324	10,304	SH	SOLE	1	10,304	0	0
MP MATERIALS CORP	CL A	553368101	1,507	40,881	SH	SOLE	1	40,881	0	0
MR COOPER GROUP INC	COM	62482R107	1,515	45,813	SH	SOLE	1	45,813	0	0
MRC GLOBAL INC	COM	55345K103	424	45,115	SH	SOLE	1	45,115	0	0
MSA SAFETY INC	COM	553498106	10,730	64,802	SH	SOLE	1	64,802	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	7,489	83,456	SH	SOLE	1	83,456	0	0
MSCI INC	COM	55354G100	16,898	31,699	SH	SOLE	1	31,699	0	0
MSG NETWORKS INC A	COM	553573106	247	16,940	SH	SOLE	1	16,940	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,584	36,573	SH	SOLE	1	36,573	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	1,273	88,268	SH	SOLE	1	88,268	0	0
MULTIPLAN CORP	COM	62548M100	2,129	223,646	SH	SOLE	1	223,646	0	0
MURPHY OIL CORP	COM	626717102	7,872	338,138	SH	SOLE	1	338,138	0	0
MURPHY USA INC	COM	626755102	7,773	58,285	SH	SOLE	1	58,285	0	0
MUSTANG BIO INC	COM	62818Q104	129	38,998	SH	SOLE	1	38,998	0	0
MVB FINANCIAL CORP	COM	553810102	235	5,513	SH	SOLE	1	5,513	0	0
MYERS INDUSTRIES INC	COM	628464109	492	23,449	SH	SOLE	1	23,449	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	977	10,751	SH	SOLE	1	10,751	0	0
MYRIAD GENETICS INC	COM	62855J104	1,522	49,755	SH	SOLE	1	49,755	0	0
N B T BANCORP INC	COM	628778102	990	27,511	SH	SOLE	1	27,511	0	0
NABORS INDUSTRIES LTD	COM	G6359F137	519	4,542	SH	SOLE	1	4,542	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	1,647	25,419	SH	SOLE	1	25,419	0	0
NANTHEALTH INC	COM	630104107	34	14,842	SH	SOLE	1	14,842	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	295	8,124	SH	SOLE	1	8,124	0	0
NASDAQ INC	COM	631103108	10,066	57,260	SH	SOLE	1	57,260	0	0
NATERA INC	COM	632307104	183	1,608	SH	SOLE	1	1,608	0	0
NATHAN S FAMOUS INC	COM	632347100	114	1,594	SH	SOLE	1	1,594	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	728	19,299	SH	SOLE	1	19,299	0	0
NATIONAL BEVERAGE CORP	COM	635017106	720	15,238	SH	SOLE	1	15,238	0	0
NATIONAL CINEMEDIA INC	COM	635309107	167	32,972	SH	SOLE	1	32,972	0	0
NATIONAL ENERGY SERVICES REU	COM	G6375R107	238	16,685	SH	SOLE	1	16,685	0	0
NATIONAL FUEL GAS CO	COM	636180101	8,460	161,915	SH	SOLE	1	161,915	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	492	7,038	SH	SOLE	1	7,038	0	0
NATIONAL	COM	636518102	9,885	233,789	SH	SOLE	1	233,789	0	0

INSTRUMENTS CORP

NATIONAL PRESTO INDS INC	COM	637215104	338	3,330	SH	SOLE	1	3,330	0	0
NATIONAL RESEARCH CORP	COM	637372202	360	7,835	SH	SOLE	1	7,835	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	14,622	311,898	SH	SOLE	1	311,898	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	8,138	160,961	SH	SOLE	1	160,961	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	2,339	45,746	SH	SOLE	1	45,746	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	323	1,438	SH	SOLE	1	1,438	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,644	24,521	SH	SOLE	1	24,521	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	56	5,168	SH	SOLE	1	5,168	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	115	6,646	SH	SOLE	1	6,646	0	0
NATUS MEDICAL INC	COM	639050103	570	21,935	SH	SOLE	1	21,935	0	0
NAUTILUS INC	COM	63910B102	281	16,692	SH	SOLE	1	16,692	0	0
NAVIENT CORP	COM	63938C108	8,030	415,424	SH	SOLE	1	415,424	0	0
NAVISTAR INTERNATIONAL CORP	COM	63934E108	1,249	28,077	SH	SOLE	1	28,077	0	0
NCINO INC	COM	63947U107	60	994	SH	SOLE	1	994	0	0
NCR CORPORATION	COM	62886E108	10,621	232,868	SH	SOLE	1	232,868	0	0
NEENAH INC	COM	640079109	549	10,947	SH	SOLE	1	10,947	0	0
NEKTAR THERAPEUTICS	COM	640268108	5,556	323,803	SH	SOLE	1	323,803	0	0
NELNET INC CL A	CL A	64031N108	716	9,513	SH	SOLE	1	9,513	0	0
NEOGAMES SA	CL A	L6673X107	192	3,125	SH	SOLE	1	3,125	0	0
NEOGEN CORP	COM	640491106	11,500	249,777	SH	SOLE	1	249,777	0	0
NEOGENOMICS INC	COM	64049M209	3,344	74,033	SH	SOLE	1	74,033	0	0
NEOLEUKIN THERAPEUTICS INC	COM	64049K104	182	19,729	SH	SOLE	1	19,729	0	0
NEOPHOTONICS CORP	COM	64051T100	289	28,263	SH	SOLE	1	28,263	0	0
NETAPP INC	COM	64110D104	221,660	2,709,120	SH	SOLE	1	2,709,120	0	0
NETEASE INC ADR	ADR	64110W102	2,844	24,680	SH	SOLE	1	24,680	0	0
NETFLIX INC	COM	64110L106	91,367	172,974	SH	SOLE	1	172,974	0	0
NETGEAR INC	COM	64111Q104	751	19,609	SH	SOLE	1	19,609	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	4,835	169,425	SH	SOLE	1	169,425	0	0
NETSTREIT CORP	COM	64119V303	513	22,240	SH	SOLE	1	22,240	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	16,423	168,751	SH	SOLE	1	168,751	0	0
NEURONETICS INC	COM	64131A105	224	13,995	SH	SOLE	1	13,995	0	0
NEUROPACE INC	COM	641288105	93	3,902	SH	SOLE	1	3,902	0	0
NEVRO CORP	COM	64157F103	3,214	19,388	SH	SOLE	1	19,388	0	0
NEW FORTRESS ENERGY INC	CL A	644393100	21	560	SH	SOLE	1	560	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	8,867	224,091	SH	SOLE	1	224,091	0	0
NEW ORIENTAL EDUCATIO SP ADR	SPON ADR	647581107	175	21,360	SH	SOLE	1	21,360	0	0
NEW RELIC INC	COM	64829B100	77	1,156	SH	SOLE	1	1,156	0	0
NEW RESIDENTIAL INVESTMENT	COM	64828T201	57	5,408	SH	SOLE	1	5,408	0	0
NEW SENIOR INVESTMENT GROUP	COM	648691103	403	45,906	SH	SOLE	1	45,906	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	9,102	825,993	SH	SOLE	1	825,993	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	1,102	246,530	SH	SOLE	1	246,530	0	0
NEW YORK TIMES CO A	COM	650111107	11,247	258,256	SH	SOLE	1	258,256	0	0
NEWAGE INC	COM	650194103	166	74,606	SH	SOLE	1	74,606	0	0

NEWELL BRANDS INC	COM	651229106	3,173	115,499	SH	SOLE	1	115,499	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	1,004	83,622	SH	SOLE	1	83,622	0	0
NEWMARKET CORP	COM	651587107	4,185	12,999	SH	SOLE	1	12,999	0	0
NEWMONT CORP	COM	651639106	18,377	289,948	SH	SOLE	1	289,948	0	0
NEWPARK RESOURCES INC	COM	651718504	173	49,993	SH	SOLE	1	49,993	0	0
NEWS CORP CLASS A	COM	65249B109	3,075	119,322	SH	SOLE	1	119,322	0	0
NEWS CORP CLASS B	COM	65249B208	904	37,142	SH	SOLE	1	37,142	0	0
NEXIMMUNE INC	COM	65344D109	62	3,787	SH	SOLE	1	3,787	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	796	14,486	SH	SOLE	1	14,486	0	0
NEXSTAR MEDIA GROUP INC CL A	CL A	65336K103	80	538	SH	SOLE	1	538	0	0
NEXTERA ENERGY INC	COM	65339F101	42,359	578,040	SH	SOLE	1	578,040	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	604	36,422	SH	SOLE	1	36,422	0	0
NEXTIER OILFIELD SOLUTIONS I	COM	65290C105	461	96,926	SH	SOLE	1	96,926	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	348	17,655	SH	SOLE	1	17,655	0	0
NI HOLDINGS INC	COM	65342T106	91	4,805	SH	SOLE	1	4,805	0	0
NICOLET BANKSHARES INC	COM	65406E102	352	5,004	SH	SOLE	1	5,004	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	2,698	109,354	SH	SOLE	1	109,354	0	0
NIKE INC CL B	COM	654106103	58,251	377,054	SH	SOLE	1	377,054	0	0
NIKOLA CORP	COM	654110105	2,029	112,374	SH	SOLE	1	112,374	0	0
NIO INC ADR	ADR	62914V106	949	17,829	SH	SOLE	1	17,829	0	0
NISOURCE INC	COM	65473P105	3,181	129,856	SH	SOLE	1	129,856	0	0
NKARTA INC	COM	65487U108	251	7,905	SH	SOLE	1	7,905	0	0
NL INDUSTRIES	COM	629156407	30	4,690	SH	SOLE	1	4,690	0	0
NLIGHT INC	COM	65487K100	865	23,835	SH	SOLE	1	23,835	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,229	54,674	SH	SOLE	1	54,674	0	0
NN INC	COM	629337106	176	23,950	SH	SOLE	1	23,950	0	0
NOAH HOLDINGS LTD SPON ADS	ADR	65487X102	19	401	SH	SOLE	1	401	0	0
NOODLES & CO	COM	65540B105	284	22,789	SH	SOLE	1	22,789	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	278	84,614	SH	SOLE	1	84,614	0	0
NORDSON CORP	COM	655663102	21,103	96,138	SH	SOLE	1	96,138	0	0
NORDSTROM INC	COM	655664100	7,102	194,212	SH	SOLE	1	194,212	0	0
NORFOLK SOUTHERN CORP	COM	655844108	22,425	84,492	SH	SOLE	1	84,492	0	0
NORTHERN OIL AND GAS INC	COM	665531307	557	26,807	SH	SOLE	1	26,807	0	0
NORTHERN TRUST CORP	COM	665859104	8,946	77,378	SH	SOLE	1	77,378	0	0
NORTHFIELD BANCORP INC	COM	66611T108	488	29,750	SH	SOLE	1	29,750	0	0
NORTHRIM BANCORP INC	COM	666762109	145	3,396	SH	SOLE	1	3,396	0	0
NORTHROP GRUMMAN CORP	COM	666807102	15,917	43,797	SH	SOLE	1	43,797	0	0
NORTHWEST BANCSHARES INC	COM	667340103	1,090	79,921	SH	SOLE	1	79,921	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	1,042	19,837	SH	SOLE	1	19,837	0	0
NORTHWEST PIPE CO	COM	667746101	153	5,424	SH	SOLE	1	5,424	0	0
NORTHWESTERN CORP	COM	668074305	7,097	117,856	SH	SOLE	1	117,856	0	0
NORTONLIFELOCK INC	COM	668771108	177,027	6,503,551	SH	SOLE	1	6,503,551	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	3,319	112,849	SH	SOLE	1	112,849	0	0

NOV INC	COM	62955J103	1,826	119,161	SH	SOLE	1	119,161	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	1,065	132,930	SH	SOLE	1	132,930	0	0
NOVANTA INC	COM	67000B104	2,665	19,773	SH	SOLE	1	19,773	0	0
NOVAVAX INC	COM	670002401	331	1,561	SH	SOLE	1	1,561	0	0
NOVOCURE LTD	COM	G6674U108	480	2,163	SH	SOLE	1	2,163	0	0
NOW INC	COM	67011P100	679	71,590	SH	SOLE	1	71,590	0	0
NRG ENERGY INC	COM	629377508	4,397	109,110	SH	SOLE	1	109,110	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	6,578	116,125	SH	SOLE	1	116,125	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	245	4,496	SH	SOLE	1	4,496	0	0
NUCOR CORP	COM	670346105	10,166	105,975	SH	SOLE	1	105,975	0	0
NURIX THERAPEUTICS INC	COM	67080M103	466	17,550	SH	SOLE	1	17,550	0	0
NUTANIX INC A	COM	67059N108	156	4,070	SH	SOLE	1	4,070	0	0
NUVASIVE INC	COM	670704105	8,143	120,136	SH	SOLE	1	120,136	0	0
NUVATION BIO INC	CL A	67080N101	185	19,848	SH	SOLE	1	19,848	0	0
NV5 GLOBAL INC	COM	62945V109	678	7,178	SH	SOLE	1	7,178	0	0
NVE CORP	COM	629445206	198	2,671	SH	SOLE	1	2,671	0	0
NVENT ELECTRIC PLC	COM	G6700G107	9,305	297,857	SH	SOLE	1	297,857	0	0
NVIDIA CORP	COM	67066G104	195,246	244,027	SH	SOLE	1	244,027	0	0
NVR INC	COM	62944T105	5,287	1,063	SH	SOLE	1	1,063	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	20,172	98,055	SH	SOLE	1	98,055	0	0
O I GLASS INC	COM	67098H104	1,675	102,601	SH	SOLE	1	102,601	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	14,759	26,066	SH	SOLE	1	26,066	0	0
OAK STREET HEALTH INC	COM	67181A107	123	2,105	SH	SOLE	1	2,105	0	0
OASIS PETROLEUM INC	COM	674215207	1,137	11,308	SH	SOLE	1	11,308	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	9,572	306,123	SH	SOLE	1	306,123	0	0
OCEANEERING INTL INC	COM	675232102	1,007	64,696	SH	SOLE	1	64,696	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	691	33,143	SH	SOLE	1	33,143	0	0
OCUGEN INC	COM	67577C105	831	103,471	SH	SOLE	1	103,471	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	609	42,952	SH	SOLE	1	42,952	0	0
OCWEN FINANCIAL CORP	COM	675746606	142	4,579	SH	SOLE	1	4,579	0	0
ODP CORP/THE	COM	88337F105	1,546	32,200	SH	SOLE	1	32,200	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	913	31,136	SH	SOLE	1	31,136	0	0
OFG BANCORP	COM	67103X102	732	33,080	SH	SOLE	1	33,080	0	0
OGE ENERGY CORP	COM	670837103	11,966	355,593	SH	SOLE	1	355,593	0	0
OIL DRI CORP OF AMERICA	COM	677864100	100	2,921	SH	SOLE	1	2,921	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	309	39,410	SH	SOLE	1	39,410	0	0
OKTA INC	COM	679295105	2,563	10,475	SH	SOLE	1	10,475	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	7,711	30,383	SH	SOLE	1	30,383	0	0
OLD NATIONAL BANCORP	COM	680033107	1,891	107,369	SH	SOLE	1	107,369	0	0
OLD REPUBLIC INTL CORP	COM	680223104	12,541	503,434	SH	SOLE	1	503,434	0	0
OLD SECOND BANCORP INC	COM	680277100	193	15,552	SH	SOLE	1	15,552	0	0
OLEMA PHARMACEUTICALS INC	COM	68062P106	190	6,796	SH	SOLE	1	6,796	0	0
OLIN CORP	COM	680665205	11,780	254,638	SH	SOLE	1	254,638	0	0
OLLIE S BARGAIN	COM	681116109	8,497	101,004	SH	SOLE	1	101,004	0	0

OUTLET HOLDI										
OLYMPIC STEEL INC	COM	68162K106	178	6,060	SH	SOLE	1	6,060	0	0
OMEGA FLEX INC	COM	682095104	255	1,739	SH	SOLE	1	1,739	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	15,173	418,102	SH	SOLE	1	418,102	0	0
OMEROS CORP	COM	682143102	501	33,787	SH	SOLE	1	33,787	0	0
OMNICELL INC	COM	68213N109	4,234	27,955	SH	SOLE	1	27,955	0	0
OMNICOM GROUP	COM	681919106	24,228	302,885	SH	SOLE	1	302,885	0	0
ON SEMICONDUCTOR CORP	COM	682189105	278	7,271	SH	SOLE	1	7,271	0	0
ON24 INC	COM	68339B104	179	5,046	SH	SOLE	1	5,046	0	0
ONCOCYTE CORP	COM	68235C107	228	39,708	SH	SOLE	1	39,708	0	0
ONCORUS INC	COM	68236R103	158	11,444	SH	SOLE	1	11,444	0	0
ONCTERNAL THERAPEUTICS INC	COM	68236P107	118	24,798	SH	SOLE	1	24,798	0	0
ONE GAS INC	COM	68235P108	9,152	123,480	SH	SOLE	1	123,480	0	0
ONE GROUP HOSPITALITY INC/TH	COM	88338K103	121	10,950	SH	SOLE	1	10,950	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	256	9,027	SH	SOLE	1	9,027	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	66	1,107	SH	SOLE	1	1,107	0	0
ONEOK INC	COM	682680103	8,360	150,248	SH	SOLE	1	150,248	0	0
ONESPAN INC	COM	68287N100	581	22,745	SH	SOLE	1	22,745	0	0
ONESPAWORLD HOLDINGS LTD	COM	P73684113	287	29,618	SH	SOLE	1	29,618	0	0
ONEWATER MARINE INC CL A	CL A	68280L101	242	5,750	SH	SOLE	1	5,750	0	0
ONTO INNOVATION INC	COM	683344105	2,312	31,656	SH	SOLE	1	31,656	0	0
ONTRAK INC	COM	683373104	157	4,825	SH	SOLE	1	4,825	0	0
OOMA INC	COM	683416101	230	12,184	SH	SOLE	1	12,184	0	0
OPEN LENDING CORP CL A	CL A	68373J104	2,518	58,432	SH	SOLE	1	58,432	0	0
OPENDOOR TECHNOLOGIES INC	COM	683712103	87	4,935	SH	SOLE	1	4,935	0	0
OPKO HEALTH INC	COM	68375N103	892	220,282	SH	SOLE	1	220,282	0	0
OPORTUN FINANCIAL CORP	COM	68376D104	234	11,686	SH	SOLE	1	11,686	0	0
OPPENHEIMER HOLDINGS CL A	CL A	683797104	263	5,175	SH	SOLE	1	5,175	0	0
OPTIMIZERX CORP	COM	68401U204	584	9,439	SH	SOLE	1	9,439	0	0
OPTION CARE HEALTH INC	COM	68404L201	1,356	61,993	SH	SOLE	1	61,993	0	0
ORACLE CORP	COM	68389X105	41,756	536,440	SH	SOLE	1	536,440	0	0
ORAMED PHARMACEUTICALS INC	COM	68403P203	200	14,969	SH	SOLE	1	14,969	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	471	46,497	SH	SOLE	1	46,497	0	0
ORBCOMM INC	COM	68555P100	470	41,823	SH	SOLE	1	41,823	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X103	276	53,137	SH	SOLE	1	53,137	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	429	25,823	SH	SOLE	1	25,823	0	0
ORGANON & CO	COM	68622V106	2,354	77,801	SH	SOLE	1	77,801	0	0
ORIC PHARMACEUTICALS INC	COM	68622P109	292	16,534	SH	SOLE	1	16,534	0	0
ORIGIN BANCORP INC	COM	68621T102	527	12,400	SH	SOLE	1	12,400	0	0
ORION ENGINEERED CARBONS SA	COM	L72967109	645	33,960	SH	SOLE	1	33,960	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	1,766	25,399	SH	SOLE	1	25,399	0	0
ORRSTOWN FINL	COM	687380105	141	6,109	SH	SOLE	1	6,109	0	0

SERVICES INC

ORTHO CLINICAL DIAGNOSTICS H	ORD SHS	G6829J107	1,062	49,587	SH	SOLE	1	49,587	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	495	12,350	SH	SOLE	1	12,350	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	490	7,751	SH	SOLE	1	7,751	0	0
OSHKOSH CORP	COM	688239201	15,192	121,891	SH	SOLE	1	121,891	0	0
OSI SYSTEMS INC	COM	671044105	1,116	10,982	SH	SOLE	1	10,982	0	0
OTIS WORLDWIDE CORP	COM	68902V107	11,175	136,663	SH	SOLE	1	136,663	0	0
OTTER TAIL CORP	COM	689648103	1,126	23,060	SH	SOLE	1	23,060	0	0
OUSTER INC	COM	68989M103	203	16,271	SH	SOLE	1	16,271	0	0
OUTFRONT MEDIA INC	COM	69007J106	1,960	81,563	SH	SOLE	1	81,563	0	0
OUTLOOK THERAPEUTICS INC	COM	69012T206	122	49,072	SH	SOLE	1	49,072	0	0
OUTSET MEDICAL INC	COM	690145107	1,281	25,636	SH	SOLE	1	25,636	0	0
OVERSTOCK.COM INC	COM	690370101	2,221	24,092	SH	SOLE	1	24,092	0	0
OVINTIV INC	COM	69047Q102	4,623	146,902	SH	SOLE	1	146,902	0	0
OWENS & MINOR INC	COM	690732102	2,004	47,338	SH	SOLE	1	47,338	0	0
OWENS CORNING	COM	690742101	18,167	185,568	SH	SOLE	1	185,568	0	0
OXFORD INDUSTRIES INC	COM	691497309	1,039	10,510	SH	SOLE	1	10,510	0	0
OYSTER POINT PHARMA INC	COM	69242L106	107	6,226	SH	SOLE	1	6,226	0	0
P G & E CORP	COM	69331C108	192	18,880	SH	SOLE	1	18,880	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	54	1,018	SH	SOLE	1	1,018	0	0
PACCAR INC	COM	693718108	12,669	141,949	SH	SOLE	1	141,949	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	3,811	108,970	SH	SOLE	1	108,970	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	2,578	60,969	SH	SOLE	1	60,969	0	0
PACIRA BIOSCIENCES INC	COM	695127100	1,722	28,379	SH	SOLE	1	28,379	0	0
PACKAGING CORP OF AMERICA	COM	695156109	6,911	51,033	SH	SOLE	1	51,033	0	0
PACTIV EVERGREEN INC	COM	69526K105	363	24,104	SH	SOLE	1	24,104	0	0
PACWEST BANCORP	COM	695263103	10,613	257,839	SH	SOLE	1	257,839	0	0
PAE INC	CL A	69290Y109	346	38,908	SH	SOLE	1	38,908	0	0
PAGERDUTY INC	COM	69553P100	1,926	45,239	SH	SOLE	1	45,239	0	0
PALANTIR TECHNOLOGIES INC A	CL A	69608A108	905	34,343	SH	SOLE	1	34,343	0	0
PALO ALTO NETWORKS INC	COM	697435105	748	2,015	SH	SOLE	1	2,015	0	0
PALOMAR HOLDINGS INC	COM	69753M105	1,185	15,708	SH	SOLE	1	15,708	0	0
PAPA JOHN S INTL INC	COM	698813102	8,030	76,889	SH	SOLE	1	76,889	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	488	29,037	SH	SOLE	1	29,037	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	930	13,290	SH	SOLE	1	13,290	0	0
PARAMOUNT GROUP INC	COM	69924R108	1,054	104,629	SH	SOLE	1	104,629	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	175	25,654	SH	SOLE	1	25,654	0	0
PARK AEROSPACE CORP	COM	70014A104	188	12,618	SH	SOLE	1	12,618	0	0
PARK HOTELS & RESORTS INC	COM	700517105	8,658	420,094	SH	SOLE	1	420,094	0	0
PARK NATIONAL CORP	COM	700658107	1,096	9,333	SH	SOLE	1	9,333	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	153	4,766	SH	SOLE	1	4,766	0	0
PARKER HANNIFIN CORP	COM	701094104	16,759	54,570	SH	SOLE	1	54,570	0	0

PARSONS CORP	COM	70202L102	581	14,750	SH	SOLE	1	14,750	0	0
PARTY CITY HOLDCO INC	COM	702149105	578	61,931	SH	SOLE	1	61,931	0	0
PASSAGE BIO INC	COM	702712100	275	20,781	SH	SOLE	1	20,781	0	0
PATRICK INDUSTRIES INC	COM	703343103	1,074	14,719	SH	SOLE	1	14,719	0	0
PATTERSON COS INC	COM	703395103	6,122	201,437	SH	SOLE	1	201,437	0	0
PATTERSON UTI ENERGY INC	COM	703481101	1,205	121,253	SH	SOLE	1	121,253	0	0
PAVMED INC	COM	70387R106	258	40,281	SH	SOLE	1	40,281	0	0
PAYA HOLDINGS INC	CL A	70434P103	508	46,069	SH	SOLE	1	46,069	0	0
PAYCHEX INC	COM	704326107	194,687	1,814,422	SH	SOLE	1	1,814,422	0	0
PAYCOM SOFTWARE INC	COM	70432V102	6,533	17,975	SH	SOLE	1	17,975	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	12,803	67,100	SH	SOLE	1	67,100	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	135,985	466,534	SH	SOLE	1	466,534	0	0
PAYSAFE LTD	LTD SHS	G6964L107	47	3,855	SH	SOLE	1	3,855	0	0
PBF ENERGY INC CLASS A	COM	69318G106	957	62,539	SH	SOLE	1	62,539	0	0
PC CONNECTION INC	COM	69318J100	333	7,193	SH	SOLE	1	7,193	0	0
PCSB FINANCIAL CORP	COM	69324R104	138	7,620	SH	SOLE	1	7,620	0	0
PDC ENERGY INC	COM	69327R101	2,956	64,560	SH	SOLE	1	64,560	0	0
PDF SOLUTIONS INC	COM	693282105	350	19,259	SH	SOLE	1	19,259	0	0
PEABODY ENERGY CORP	COM	704551100	308	38,806	SH	SOLE	1	38,806	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	319	10,273	SH	SOLE	1	10,273	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	7,174	304,613	SH	SOLE	1	304,613	0	0
PEGASYSYSTEMS INC	COM	705573103	117	843	SH	SOLE	1	843	0	0
PELTON INTERACTIVE INC A	CL A	70614W100	2,784	22,447	SH	SOLE	1	22,447	0	0
PENN NATIONAL GAMING INC	COM	707569109	3,514	45,937	SH	SOLE	1	45,937	0	0
PENN VIRGINIA CORP	COM	70788V102	236	9,999	SH	SOLE	1	9,999	0	0
PENNANT GROUP INC/THE	COM	70805E109	680	16,630	SH	SOLE	1	16,630	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	1,222	19,794	SH	SOLE	1	19,794	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	1,340	63,638	SH	SOLE	1	63,638	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	30	397	SH	SOLE	1	397	0	0
PENTAIR PLC	COM	G7S00T104	3,421	50,693	SH	SOLE	1	50,693	0	0
PENUMBRA INC	COM	70975L107	16,598	60,562	SH	SOLE	1	60,562	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	2,236	130,428	SH	SOLE	1	130,428	0	0
PEOPLES BANCORP INC	COM	709789101	299	10,103	SH	SOLE	1	10,103	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	167	3,930	SH	SOLE	1	3,930	0	0
PEPSICO INC	COM	713448108	91,300	616,186	SH	SOLE	1	616,186	0	0
PERDOCEO EDUCATION CORP	COM	71363P106	561	45,704	SH	SOLE	1	45,704	0	0
PERFICIENT INC	COM	71375U101	1,703	21,182	SH	SOLE	1	21,182	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	3,586	73,950	SH	SOLE	1	73,950	0	0
PERKINELMER INC	COM	714046109	5,366	34,750	SH	SOLE	1	34,750	0	0
PERPETUA RESOURCES CORP	COM	714266103	110	15,018	SH	SOLE	1	15,018	0	0
PERRIGO CO PLC	COM	G97822103	1,882	41,037	SH	SOLE	1	41,037	0	0
PERSONALIS INC	COM	71535D106	505	19,949	SH	SOLE	1	19,949	0	0
PETCO HEALTH AND WELLNESS CO	COM	71601V105	22	973	SH	SOLE	1	973	0	0
PETIQ INC	COM	71639T106	571	14,793	SH	SOLE	1	14,793	0	0

PETMED EXPRESS INC	COM	716382106	409	12,851	SH	SOLE	1	12,851	0	0
PFIZER INC	COM	717081103	66,952	1,709,714	SH	SOLE	1	1,709,714	0	0
PGT INNOVATIONS INC	COM	69336V101	885	38,084	SH	SOLE	1	38,084	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	384	11,348	SH	SOLE	1	11,348	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	383	13,265	SH	SOLE	1	13,265	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	48,152	485,841	SH	SOLE	1	485,841	0	0
PHILLIPS 66	COM	718546104	11,464	133,582	SH	SOLE	1	133,582	0	0
PHOTRONICS INC	COM	719405102	531	40,178	SH	SOLE	1	40,178	0	0
PHREESIA INC	COM	71944F106	1,309	21,361	SH	SOLE	1	21,361	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	9,252	500,941	SH	SOLE	1	500,941	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	1,284	69,505	SH	SOLE	1	69,505	0	0
PILGRIM S PRIDE CORP	COM	72147K108	1,924	86,725	SH	SOLE	1	86,725	0	0
PINDUODUO INC ADR	ADR	722304102	3,690	29,050	SH	SOLE	1	29,050	0	0
PING IDENTITY HOLDING CORP	COM	72341T103	558	24,383	SH	SOLE	1	24,383	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	11,933	135,157	SH	SOLE	1	135,157	0	0
PINNACLE WEST CAPITAL	COM	723484101	2,820	34,398	SH	SOLE	1	34,398	0	0
PINTEREST INC CLASS A	CL A	72352L106	912	11,556	SH	SOLE	1	11,556	0	0
PIONEER BANCORP INC/NY	COM	723561106	78	6,510	SH	SOLE	1	6,510	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	13,200	81,220	SH	SOLE	1	81,220	0	0
PIPER SANDLER COS	COM	724078100	1,452	11,209	SH	SOLE	1	11,209	0	0
PITNEY BOWES INC	COM	724479100	1,001	114,180	SH	SOLE	1	114,180	0	0
PJT PARTNERS INC A	COM	69343T107	961	13,470	SH	SOLE	1	13,470	0	0
PLANET FITNESS INC CL A	CL A	72703H101	116	1,536	SH	SOLE	1	1,536	0	0
PLANTRONICS INC	COM	727493108	939	22,501	SH	SOLE	1	22,501	0	0
PLAYAGS INC	COM	72814N104	152	15,395	SH	SOLE	1	15,395	0	0
PLAYTIKA HOLDING CORP	COM	72815L107	38	1,609	SH	SOLE	1	1,609	0	0
PLBY GROUP INC	COM	72814P109	236	6,074	SH	SOLE	1	6,074	0	0
PLEXUS CORP	COM	729132100	1,683	18,414	SH	SOLE	1	18,414	0	0
PLIANT THERAPEUTICS INC	COM	729139105	393	13,481	SH	SOLE	1	13,481	0	0
PLUG POWER INC	COM	72919P202	362	10,578	SH	SOLE	1	10,578	0	0
PLYMOUTH INDUSTRIAL REIT INC	COM	729640102	328	16,408	SH	SOLE	1	16,408	0	0
PMV PHARMACEUTICALS INC	COM	69353Y103	502	14,698	SH	SOLE	1	14,698	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	30,285	158,760	SH	SOLE	1	158,760	0	0
PNM RESOURCES INC	COM	69349H107	9,724	199,392	SH	SOLE	1	199,392	0	0
POLARIS INC	COM	731068102	14,054	102,613	SH	SOLE	1	102,613	0	0
POLYMET MINING CORP	COM	731916409	58	16,177	SH	SOLE	1	16,177	0	0
POOL CORP	COM	73278L105	5,854	12,763	SH	SOLE	1	12,763	0	0
POPULAR INC	COM	733174700	78	1,035	SH	SOLE	1	1,035	0	0
PORCH GROUP INC	COM	733245104	172	8,892	SH	SOLE	1	8,892	0	0
PORTAGE BIOTECH INC	COM	G7185A128	42	2,020	SH	SOLE	1	2,020	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	2,325	50,445	SH	SOLE	1	50,445	0	0
POSEIDA THERAPEUTICS INC	COM	73730P108	161	16,116	SH	SOLE	1	16,116	0	0
POST HOLDINGS INC	COM	737446104	11,402	105,121	SH	SOLE	1	105,121	0	0

POSTAL REALTY TRUST INC A	CL A	73757R102	123	6,753	SH	SOLE	1	6,753	0	0
POTLATCHDELTIC CORP	COM	737630103	9,851	185,349	SH	SOLE	1	185,349	0	0
POWELL INDUSTRIES INC	COM	739128106	182	5,895	SH	SOLE	1	5,895	0	0
POWER INTEGRATIONS INC	COM	739276103	3,220	39,236	SH	SOLE	1	39,236	0	0
PPD INC	COM	69355F102	118	2,568	SH	SOLE	1	2,568	0	0
PPG INDUSTRIES INC	COM	693506107	14,125	83,199	SH	SOLE	1	83,199	0	0
PPL CORP	COM	69351T106	7,326	261,922	SH	SOLE	1	261,922	0	0
PQ GROUP HOLDINGS INC	COM	73943T103	442	28,775	SH	SOLE	1	28,775	0	0
PRA GROUP INC	COM	69354N106	1,136	29,527	SH	SOLE	1	29,527	0	0
PRAXIS PRECISION MEDICINES I	COM	74006W108	250	13,666	SH	SOLE	1	13,666	0	0
PRECIGEN INC	COM	74017N105	347	53,145	SH	SOLE	1	53,145	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	333	26,628	SH	SOLE	1	26,628	0	0
PREFERRED APARTMENT COMMUNIT	COM	74039L103	274	28,085	SH	SOLE	1	28,085	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	565	8,934	SH	SOLE	1	8,934	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	123	1,653	SH	SOLE	1	1,653	0	0
PRELUDE THERAPEUTICS INC	COM	74065P101	174	6,064	SH	SOLE	1	6,064	0	0
PREMIER FINANCIAL BANCORP	COM	74050M105	119	7,087	SH	SOLE	1	7,087	0	0
PREMIER FINANCIAL CORP	COM	74052F108	589	20,733	SH	SOLE	1	20,733	0	0
PREMIER INC CLASS A	COM	74051N102	53	1,520	SH	SOLE	1	1,520	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	1,694	32,508	SH	SOLE	1	32,508	0	0
PRICESMART INC	COM	741511109	1,384	15,203	SH	SOLE	1	15,203	0	0
PRIMERICA INC	COM	74164M108	10,729	70,057	SH	SOLE	1	70,057	0	0
PRIMIS FINANCIAL CORP	COM	74167B109	206	13,517	SH	SOLE	1	13,517	0	0
PRIMO WATER CORP	COM	74167P108	1,475	88,139	SH	SOLE	1	88,139	0	0
PRIMORIS SERVICES CORP	COM	74164F103	882	29,972	SH	SOLE	1	29,972	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	4,889	77,372	SH	SOLE	1	77,372	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	43	5,590	SH	SOLE	1	5,590	0	0
PRIVIA HEALTH GROUP INC	COM	74276R102	487	10,987	SH	SOLE	1	10,987	0	0
PROASSURANCE CORP	COM	74267C106	794	34,922	SH	SOLE	1	34,922	0	0
PROCTER & GAMBLE CO/THE	COM	742718109	228,388	1,692,639	SH	SOLE	1	1,692,639	0	0
PROG HOLDINGS INC	COM	74319R101	7,529	156,423	SH	SOLE	1	156,423	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,321	28,560	SH	SOLE	1	28,560	0	0
PROGRESSIVE CORP	COM	743315103	23,003	234,219	SH	SOLE	1	234,219	0	0
PROGYNY INC	COM	74340E103	5,955	100,936	SH	SOLE	1	100,936	0	0
PROLOGIS INC	COM	74340W103	29,999	250,972	SH	SOLE	1	250,972	0	0
PROMETHEUS BIOSCIENCES INC	COM	74349U108	156	6,333	SH	SOLE	1	6,333	0	0
PROOFPOINT INC	COM	743424103	208	1,199	SH	SOLE	1	1,199	0	0
PROPETRO HOLDING CORP	COM	74347M108	505	55,128	SH	SOLE	1	55,128	0	0
PROS HOLDINGS INC	COM	74346Y103	1,021	22,400	SH	SOLE	1	22,400	0	0
PROSIGHT GLOBAL INC	COM	74349J103	67	5,286	SH	SOLE	1	5,286	0	0
PROSPERITY	COM	743606105	11,851	165,057	SH	SOLE	1	165,057	0	0

BANCSHARES INC										
PROTAGONIST THERAPEUTICS INC	COM	74366E102	1,040	23,165	SH	SOLE	1	23,165	0	0
PROTHENA CORP PLC	COM	G72800108	982	19,107	SH	SOLE	1	19,107	0	0
PROTO LABS INC	COM	743713109	1,656	18,038	SH	SOLE	1	18,038	0	0
PROVENTION BIO INC	COM	74374N102	262	31,077	SH	SOLE	1	31,077	0	0
PROVIDENT BANCORP INC	COM	74383L105	144	8,841	SH	SOLE	1	8,841	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	1,121	48,991	SH	SOLE	1	48,991	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	15,681	153,029	SH	SOLE	1	153,029	0	0
PS BUSINESS PARKS INC/CA	COM	69360J107	6,916	46,707	SH	SOLE	1	46,707	0	0
PTC INC	COM	69370C100	5,001	35,404	SH	SOLE	1	35,404	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,645	38,919	SH	SOLE	1	38,919	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	11,451	191,683	SH	SOLE	1	191,683	0	0
PUBLIC STORAGE	COM	74460D109	14,883	49,495	SH	SOLE	1	49,495	0	0
PULMONX CORP	COM	745848101	628	14,231	SH	SOLE	1	14,231	0	0
PULSE BIOSCIENCES INC	COM	74587B101	128	7,797	SH	SOLE	1	7,797	0	0
PULTEGROUP INC	COM	745867101	4,474	81,979	SH	SOLE	1	81,979	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	164	17,903	SH	SOLE	1	17,903	0	0
PURE CYCLE CORP	COM	746228303	149	10,786	SH	SOLE	1	10,786	0	0
PURE STORAGE INC CLASS A	COM	74624M102	107	5,486	SH	SOLE	1	5,486	0	0
PURECYCLE TECHNOLOGIES INC	COM	74623V103	437	18,458	SH	SOLE	1	18,458	0	0
PURPLE INNOVATION INC	COM	74640Y106	743	28,141	SH	SOLE	1	28,141	0	0
PVH CORP	COM	693656100	2,339	21,737	SH	SOLE	1	21,737	0	0
PZENA INVESTMENT MANAGM CL A	CL A	74731Q103	104	9,464	SH	SOLE	1	9,464	0	0
Q2 HOLDINGS INC	COM	74736L109	3,143	30,642	SH	SOLE	1	30,642	0	0
QAD INC A	COM	74727D306	580	6,663	SH	SOLE	1	6,663	0	0
QCR HOLDINGS INC	COM	74727A104	415	8,623	SH	SOLE	1	8,623	0	0
QIAGEN N.V.	COM	N72482123	137	2,837	SH	SOLE	1	2,837	0	0
QORVO INC	COM	74736K101	6,830	34,909	SH	SOLE	1	34,909	0	0
QTS REALTY TRUST INC CL A	CL A	74736A103	2,977	38,515	SH	SOLE	1	38,515	0	0
QUAKER CHEMICAL CORP	COM	747316107	2,072	8,736	SH	SOLE	1	8,736	0	0
QUALCOMM INC	COM	747525103	63,598	444,960	SH	SOLE	1	444,960	0	0
QUALYS INC	COM	74758T303	7,903	78,485	SH	SOLE	1	78,485	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	541	21,763	SH	SOLE	1	21,763	0	0
QUANTA SERVICES INC	COM	74762E102	3,885	42,899	SH	SOLE	1	42,899	0	0
QUANTERIX CORP	COM	74766Q101	1,014	17,292	SH	SOLE	1	17,292	0	0
QUANTUM CORP	COM	747906501	216	31,300	SH	SOLE	1	31,300	0	0
QUANTUMSCAPE CORP	CL A	74767V109	64	2,171	SH	SOLE	1	2,171	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	5,805	43,987	SH	SOLE	1	43,987	0	0
QUEST DIAGNOSTICS ORD	COM	74834L100	131,970	1,000	SH	SOLE		1,000	0	0
QUIDEL CORP	COM	74838J101	8,811	68,772	SH	SOLE	1	68,772	0	0
QUINSTREET INC	COM	74874Q100	598	32,207	SH	SOLE	1	32,207	0	0
QUOTIENT LTD	COM	G73268107	160	43,970	SH	SOLE	1	43,970	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	538	49,808	SH	SOLE	1	49,808	0	0
QURATE RETAIL INC SERIES A	COM	74915M100	61	4,645	SH	SOLE	1	4,645	0	0

R1 RCM INC	COM	749397105	7,063	317,565	SH	SOLE	1	317,565	0	0
RACKSPACE TECHNOLOGY INC	COM	750102105	591	30,135	SH	SOLE	1	30,135	0	0
RADIAN GROUP INC	COM	750236101	2,397	107,744	SH	SOLE	1	107,744	0	0
RADIANT LOGISTICS INC	COM	75025X100	152	21,995	SH	SOLE	1	21,995	0	0
RADIUS GLOBAL INFRASTRUCTU A	CL A	750481103	357	24,649	SH	SOLE	1	24,649	0	0
RADIUS HEALTH INC	COM	750469207	478	26,232	SH	SOLE	1	26,232	0	0
RADNET INC	COM	750491102	976	28,969	SH	SOLE	1	28,969	0	0
RAFAEL HOLDINGS INC CLASS B	COM	75062E106	279	5,460	SH	SOLE	1	5,460	0	0
RAIN THERAPEUTICS INC	COM	75082Q105	65	4,158	SH	SOLE	1	4,158	0	0
RALPH LAUREN CORP	COM	751212101	1,733	14,709	SH	SOLE	1	14,709	0	0
RAMBUS INC	COM	750917106	1,727	72,820	SH	SOLE	1	72,820	0	0
RANGE RESOURCES CORP	COM	75281A109	2,633	157,099	SH	SOLE	1	157,099	0	0
RANPAK HOLDINGS CORP	CL A	75321W103	490	19,587	SH	SOLE	1	19,587	0	0
RAPID7 INC	COM	753422104	2,913	30,782	SH	SOLE	1	30,782	0	0
RAPT THERAPEUTICS INC	COM	75382E109	320	10,070	SH	SOLE	1	10,070	0	0
RAVEN INDUSTRIES INC	COM	754212108	1,341	23,184	SH	SOLE	1	23,184	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	4,855	37,376	SH	SOLE	1	37,376	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	270	40,286	SH	SOLE	1	40,286	0	0
RAYONIER INC	COM	754907103	8,874	246,967	SH	SOLE	1	246,967	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	37,816	443,277	SH	SOLE	1	443,277	0	0
RBB BANCORP	COM	74930B105	193	7,975	SH	SOLE	1	7,975	0	0
RBC BEARINGS INC	COM	75524B104	2,764	13,861	SH	SOLE	1	13,861	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	310	4,679	SH	SOLE	1	4,679	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	402	12,054	SH	SOLE	1	12,054	0	0
READY CAPITAL CORP	COM	75574U101	596	37,553	SH	SOLE	1	37,553	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	2,154	118,210	SH	SOLE	1	118,210	0	0
REALREAL INC/THE	COM	88339P101	871	44,063	SH	SOLE	1	44,063	0	0
REALTY INCOME CORP	COM	756109104	7,606	113,969	SH	SOLE	1	113,969	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	2,177	15,384	SH	SOLE	1	15,384	0	0
RECURSION PHARMACEUTICALS A	CL A	75629V104	432	11,839	SH	SOLE	1	11,839	0	0
RED RIVER BANCSHARES INC	COM	75686R202	128	2,539	SH	SOLE	1	2,539	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	335	10,125	SH	SOLE	1	10,125	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,468	34,551	SH	SOLE	1	34,551	0	0
REDFIN CORP	COM	75737F108	3,615	57,011	SH	SOLE	1	57,011	0	0
REDWOOD TRUST INC	COM	758075402	886	73,407	SH	SOLE	1	73,407	0	0
REGAL BELOIT CORP	COM	758750103	9,636	72,177	SH	SOLE	1	72,177	0	0
REGENCY CENTERS CORP	COM	758849103	3,096	48,329	SH	SOLE	1	48,329	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	24,392	43,671	SH	SOLE	1	43,671	0	0
REGENXBIO INC	COM	75901B107	980	25,220	SH	SOLE	1	25,220	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	214	4,606	SH	SOLE	1	4,606	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	5,918	293,267	SH	SOLE	1	293,267	0	0

REGIS CORP	COM	758932107	144	15,410	SH	SOLE	1	15,410	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	13,768	120,771	SH	SOLE	1	120,771	0	0
REKOR SYSTEMS INC	COM	759419104	179	17,583	SH	SOLE	1	17,583	0	0
RELAY THERAPEUTICS INC	COM	75943R102	1,200	32,803	SH	SOLE	1	32,803	0	0
RELIANCE STEEL & ALUMINUM	COM	759509102	17,077	113,170	SH	SOLE	1	113,170	0	0
RELIANT BANCORP INC	COM	75956B101	237	8,536	SH	SOLE	1	8,536	0	0
RELMADA THERAPEUTICS INC	COM	75955J402	269	8,407	SH	SOLE	1	8,407	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	13,150	88,361	SH	SOLE	1	88,361	0	0
RENASANT CORP	COM	75970E107	1,439	35,977	SH	SOLE	1	35,977	0	0
RENEO PHARMACEUTICALS INC	COM	75974E103	33	3,534	SH	SOLE	1	3,534	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	1,829	29,333	SH	SOLE	1	29,333	0	0
RENT A CENTER INC	COM	76009N100	2,243	42,259	SH	SOLE	1	42,259	0	0
REPAY HOLDINGS CORP	CL A	76029L100	1,037	43,141	SH	SOLE	1	43,141	0	0
REPLIGEN CORP	COM	759916109	18,205	91,198	SH	SOLE	1	91,198	0	0
REPLIMUNE GROUP INC	COM	76029N106	576	15,001	SH	SOLE	1	15,001	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	248	5,381	SH	SOLE	1	5,381	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	100	25,056	SH	SOLE	1	25,056	0	0
REPUBLIC SERVICES INC	COM	760759100	7,066	64,232	SH	SOLE	1	64,232	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	2,815	93,835	SH	SOLE	1	93,835	0	0
RESMED INC	COM	761152107	13,005	52,755	SH	SOLE	1	52,755	0	0
RESOURCES CONNECTION INC	COM	76122Q105	293	20,421	SH	SOLE	1	20,421	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	1,338	75,740	SH	SOLE	1	75,740	0	0
RETAIL PROPERTIES OF AME A	COM	76131V202	1,595	139,342	SH	SOLE	1	139,342	0	0
RETAIL VALUE INC	COM	76133Q102	213	9,773	SH	SOLE	1	9,773	0	0
RETRACTABLE TECHNOLOGIES INC	COM	76129W105	112	9,714	SH	SOLE	1	9,714	0	0
REV GROUP INC	COM	749527107	250	15,953	SH	SOLE	1	15,953	0	0
REVANCE THERAPEUTICS INC	COM	761330109	1,166	39,333	SH	SOLE	1	39,333	0	0
REVLON INC CLASS A	COM	761525609	51	3,971	SH	SOLE	1	3,971	0	0
REVOLUTION MEDICINES INC	COM	76155X100	1,056	33,281	SH	SOLE	1	33,281	0	0
REVOLVE GROUP INC	CL A	76156B107	1,386	20,123	SH	SOLE	1	20,123	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	311	3,445	SH	SOLE	1	3,445	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	13,563	238,156	SH	SOLE	1	238,156	0	0
REXNORD CORP	COM	76169B102	3,364	67,231	SH	SOLE	1	67,231	0	0
REYNOLDS CONSUMER PRODUCTS I	COM	76171L106	21	679	SH	SOLE	1	679	0	0
RH	COM	74967X103	20,397	30,040	SH	SOLE	1	30,040	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	483	24,684	SH	SOLE	1	24,684	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	300	39,412	SH	SOLE	1	39,412	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	415	95,737	SH	SOLE	1	95,737	0	0
RILEY EXPLORATION PERMIAN IN	COM	76665T102	143	4,945	SH	SOLE	1	4,945	0	0

RIMINI STREET INC	COM	76674Q107	151	24,572	SH	SOLE	1	24,572	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	493	1,698	SH	SOLE	1	1,698	0	0
RIOT BLOCKCHAIN INC	COM	767292105	1,780	47,247	SH	SOLE	1	47,247	0	0
RITE AID CORP	COM	767754872	502	30,808	SH	SOLE	1	30,808	0	0
RLI CORP	COM	749607107	9,685	92,596	SH	SOLE	1	92,596	0	0
RLJ LODGING TRUST	COM	74965L101	1,397	91,753	SH	SOLE	1	91,753	0	0
RMR GROUP INC/THE A	COM	74967R106	330	8,551	SH	SOLE	1	8,551	0	0
ROBERT HALF INTL INC	COM	770323103	20,714	232,824	SH	SOLE	1	232,824	0	0
ROBLOX CORP	CL A	771049103	8,839	98,232	SH	SOLE	2	98,232	0	0
ROCKET COS INC CLASS A	CL A	77311W101	55	2,859	SH	SOLE	1	2,859	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	986	22,259	SH	SOLE	1	22,259	0	0
ROCKWELL AUTOMATION INC	COM	773903109	11,084	38,751	SH	SOLE	1	38,751	0	0
ROCKY BRANDS INC	COM	774515100	213	3,839	SH	SOLE	1	3,839	0	0
ROGERS CORP	COM	775133101	2,440	12,153	SH	SOLE	1	12,153	0	0
ROKU INC	COM	77543R102	1,119	2,436	SH	SOLE	1	2,436	0	0
ROLLINS INC	COM	775711104	2,412	70,537	SH	SOLE	1	70,537	0	0
ROMEO POWER INC	COM	776153108	191	23,429	SH	SOLE	1	23,429	0	0
ROPER TECHNOLOGIES INC	COM	776696106	15,375	32,698	SH	SOLE	1	32,698	0	0
ROSS STORES INC	COM	778296103	16,695	134,636	SH	SOLE	1	134,636	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	5,696	66,794	SH	SOLE	1	66,794	0	0
ROYAL GOLD INC	COM	780287108	13,298	116,546	SH	SOLE	1	116,546	0	0
ROYALTY PHARMA PLC CL A	CL A	G7709Q104	235	5,727	SH	SOLE	1	5,727	0	0
RPC INC	COM	749660106	213	43,045	SH	SOLE	1	43,045	0	0
RPM INTERNATIONAL INC	COM	749685103	20,458	230,692	SH	SOLE	1	230,692	0	0
RPT REALTY	COM	74971D101	680	52,411	SH	SOLE	1	52,411	0	0
RR DONNELLEY & SONS CO	COM	257867200	249	39,706	SH	SOLE	1	39,706	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	617	25,263	SH	SOLE	1	25,263	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	140	3,677	SH	SOLE	1	3,677	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	1,023	23,670	SH	SOLE	1	23,670	0	0
RUSH STREET INTERACTIVE INC	COM	782011100	360	29,324	SH	SOLE	1	29,324	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	500	21,696	SH	SOLE	1	21,696	0	0
RYDER SYSTEM INC	COM	783549108	7,112	95,676	SH	SOLE	1	95,676	0	0
RYERSON HOLDING CORP	COM	783754104	134	9,208	SH	SOLE	1	9,208	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	2,380	30,144	SH	SOLE	1	30,144	0	0
S & T BANCORP INC	COM	783859101	790	25,225	SH	SOLE	1	25,225	0	0
S&P GLOBAL INC	COM	78409V104	39,714	96,757	SH	SOLE	1	96,757	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	9,132	501,755	SH	SOLE	1	501,755	0	0
SABRE CORP	COM	78573M104	7,116	570,226	SH	SOLE	1	570,226	0	0
SAFE BULKERS INC	COM	Y7388L103	123	30,765	SH	SOLE	1	30,765	0	0
SAFEHOLD INC	COM	78645L100	888	11,308	SH	SOLE	1	11,308	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	734	9,379	SH	SOLE	1	9,379	0	0
SAGE THERAPEUTICS INC	COM	78667J108	36	642	SH	SOLE	1	642	0	0
SAIA INC	COM	78709Y105	3,606	17,213	SH	SOLE	1	17,213	0	0

SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	10,908	213,593	SH	SOLE	1	213,593	0	0
SALESFORCE.COM INC	COM	79466L302	77,592	317,648	SH	SOLE	1	317,648	0	0
SALISBURY BANCORP ORD	COM	795226109	77,673	1,529	SH	SOLE		1,529	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	1,616	73,215	SH	SOLE	1	73,215	0	0
SANA BIOTECHNOLOGY INC	COM	799566104	296	15,044	SH	SOLE	1	15,044	0	0
SANDERSON FARMS INC	COM	800013104	8,730	46,443	SH	SOLE	1	46,443	0	0
SANDY SPRING BANCORP INC	COM	800363103	1,147	25,992	SH	SOLE	1	25,992	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	788	65,867	SH	SOLE	1	65,867	0	0
SANMINA CORP	COM	801056102	1,628	41,791	SH	SOLE	1	41,791	0	0
SANTANDER CONSUMER USA HOLDI	COM	80283M101	27	753	SH	SOLE	1	753	0	0
SAPIENS INTERNATIONAL CORP	V SHS	G7T16G103	455	17,334	SH	SOLE	1	17,334	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	125	1,613	SH	SOLE	1	1,613	0	0
SAUL CENTERS INC	COM	804395101	354	7,780	SH	SOLE	1	7,780	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	11,298	35,450	SH	SOLE	1	35,450	0	0
SCANSOURCE INC	COM	806037107	460	16,369	SH	SOLE	1	16,369	0	0
SCHLUMBERGER LTD	COM	806857108	16,211	506,423	SH	SOLE	1	506,423	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	14	647	SH	SOLE	1	647	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	713	14,527	SH	SOLE	1	14,527	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	448	15,500	SH	SOLE	1	15,500	0	0
SCHOLASTIC CORP	COM	807066105	718	18,961	SH	SOLE	1	18,961	0	0
SCHRODINGER INC	COM	80810D103	1,920	25,393	SH	SOLE	1	25,393	0	0
SCHWAB (CHARLES) CORP	COM	808513105	37,642	516,993	SH	SOLE	1	516,993	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	821	20,342	SH	SOLE	1	20,342	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	9,034	102,976	SH	SOLE	1	102,976	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	11,917	153,884	SH	SOLE	1	153,884	0	0
SCORPIO TANKERS INC	COM	Y7542C130	603	27,332	SH	SOLE	1	27,332	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	13,933	72,596	SH	SOLE	1	72,596	0	0
SCULPTOR CAPITAL MANAGEMENT	COM	811246107	297	12,081	SH	SOLE	1	12,081	0	0
SEA LTD ADR	SPONS ADS	81141R100	515	1,877	SH	SOLE	1	1,877	0	0
SEABOARD CORP	COM	811543107	12	3	SH	SOLE	1	3	0	0
SEACOAST BANKING CORP/FL	COM	811707801	1,213	35,514	SH	SOLE	1	35,514	0	0
SEACOAST BANKING OF FLORIDA ORD	COM	811707801	92,205	2,700	SH	SOLE		2,700	0	0
SEAGATE TECHNOLOGY HOLDINGS	ORD SHS	G7997R103	6,917	78,667	SH	SOLE	1	78,667	0	0
SEAGEN INC	COM	81181C104	2,224	14,086	SH	SOLE	1	14,086	0	0
SEALED AIR CORP	COM	81211K100	4,454	75,169	SH	SOLE	1	75,169	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	365	17,792	SH	SOLE	1	17,792	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	1,441	28,864	SH	SOLE	1	28,864	0	0
SECUREWORKS CORP A	COM	81374A105	100	5,374	SH	SOLE	1	5,374	0	0
SEELOS THERAPEUTICS INC	COM	81577F109	112	42,480	SH	SOLE	1	42,480	0	0
SEER INC	CL A	81578P106	279	8,497	SH	SOLE	1	8,497	0	0

SEI INVESTMENTS COMPANY	COM	784117103	13,042	210,455	SH	SOLE	1	210,455	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	200	33,097	SH	SOLE	1	33,097	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	3,023	71,523	SH	SOLE	1	71,523	0	0
SELECTA BIOSCIENCES INC	COM	816212104	209	50,051	SH	SOLE	1	50,051	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	11,295	139,184	SH	SOLE	1	139,184	0	0
SELECTQUOTE INC	COM	816307300	1,522	79,032	SH	SOLE	1	79,032	0	0
SEMPRA ENERGY	COM	816851109	12,212	92,182	SH	SOLE	1	92,182	0	0
SEMTECH CORP	COM	816850101	10,373	150,773	SH	SOLE	1	150,773	0	0
SENECA FOODS CORP CL A	CL A	817070501	216	4,220	SH	SOLE	1	4,220	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	113	1,944	SH	SOLE	1	1,944	0	0
SENSEI BIOTHERAPEUTICS INC	COM	81728A108	42	4,266	SH	SOLE	1	4,266	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	894	232,766	SH	SOLE	1	232,766	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	8,507	98,284	SH	SOLE	1	98,284	0	0
SERES THERAPEUTICS INC	COM	81750R102	930	38,999	SH	SOLE	1	38,999	0	0
SERITAGE GROWTH PROP A REIT	COM	81752R100	377	20,514	SH	SOLE	1	20,514	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	16,004	298,638	SH	SOLE	1	298,638	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	1,344	106,651	SH	SOLE	1	106,651	0	0
SERVICENOW INC	COM	81762P102	38,865	70,721	SH	SOLE	1	70,721	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	2,187	32,173	SH	SOLE	1	32,173	0	0
SESEN BIO INC	COM	817763105	443	95,792	SH	SOLE	1	95,792	0	0
SFL CORP LTD	SHS	G7738W106	448	58,586	SH	SOLE	1	58,586	0	0
SHAKE SHACK INC CLASS A	COM	819047101	2,591	24,211	SH	SOLE	1	24,211	0	0
SHARPS COMPLIANCE CORP	COM	820017101	83	8,063	SH	SOLE	1	8,063	0	0
SHATTUCK LABS INC	COM	82024L103	432	14,905	SH	SOLE	1	14,905	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	1,529	31,529	SH	SOLE	1	31,529	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	21,245	77,978	SH	SOLE	1	77,978	0	0
SHIFT TECHNOLOGIES INC	CL A	82452T107	298	34,779	SH	SOLE	1	34,779	0	0
SHIFT4 PAYMENTS INC CLASS A	CL A	82452J109	85	907	SH	SOLE	1	907	0	0
SHOALS TECHNOLOGIES GROUP A	CL A	82489W107	39	1,109	SH	SOLE	1	1,109	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	3,587	18,908	SH	SOLE	1	18,908	0	0
SHOE CARNIVAL INC	COM	824889109	409	5,718	SH	SOLE	1	5,718	0	0
SHOTSPOTTER INC	COM	82536T107	232	4,748	SH	SOLE	1	4,748	0	0
SHUTTERSTOCK INC	COM	825690100	1,482	15,099	SH	SOLE	1	15,099	0	0
SHYFT GROUP INC/THE	COM	825698103	726	19,398	SH	SOLE	1	19,398	0	0
SI BONE INC	COM	825704109	567	18,003	SH	SOLE	1	18,003	0	0
SIENTRA INC	COM	82621J105	256	32,197	SH	SOLE	1	32,197	0	0
SIERRA BANCORP	COM	82620P102	200	7,868	SH	SOLE	1	7,868	0	0
SIGA TECHNOLOGIES INC	COM	826917106	174	27,745	SH	SOLE	1	27,745	0	0
SIGILON THERAPEUTICS INC	COM	82657L107	44	4,134	SH	SOLE	1	4,134	0	0

SIGNATURE BANK	COM	82669G104	25,143	102,353	SH	SOLE	1	102,353	0	0
SIGNET JEWELERS LTD	COM	G81276100	2,737	33,884	SH	SOLE	1	33,884	0	0
SIGNIFY HEALTH INC CLASS A	CL A	82671G100	9	286	SH	SOLE	1	286	0	0
SILGAN HOLDINGS INC	COM	827048109	5,781	139,312	SH	SOLE	1	139,312	0	0
SILICON LABORATORIES INC	COM	826919102	15,911	103,824	SH	SOLE	1	103,824	0	0
SILK ROAD MEDICAL INC	COM	82710M100	910	19,007	SH	SOLE	1	19,007	0	0
SILVERBACK THERAPEUTICS INC	COM	82835W108	220	7,128	SH	SOLE	1	7,128	0	0
SILVERGATE CAPITAL CORP CL A	CL A	82837P408	1,454	12,831	SH	SOLE	1	12,831	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	2,049	69,837	SH	SOLE	1	69,837	0	0
SIMON PROPERTY GROUP INC	COM	828806109	14,700	112,658	SH	SOLE	1	112,658	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	2,016	55,213	SH	SOLE	1	55,213	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	11,157	101,027	SH	SOLE	1	101,027	0	0
SIMULATIONS PLUS INC	COM	829214105	545	9,933	SH	SOLE	1	9,933	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	1,700	51,163	SH	SOLE	1	51,163	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,753	268,001	SH	SOLE	1	268,001	0	0
SIRIUSPOINT LTD	COM	G8192H106	568	56,373	SH	SOLE	1	56,373	0	0
SITE CENTERS CORP	COM	82981J109	1,689	112,139	SH	SOLE	1	112,139	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	127	749	SH	SOLE	1	749	0	0
SITIME CORP	COM	82982T106	913	7,211	SH	SOLE	1	7,211	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	5,855	135,277	SH	SOLE	1	135,277	0	0
SJW GROUP	COM	784305104	982	15,509	SH	SOLE	1	15,509	0	0
SKECHERS USA INC CL A	CL A	830566105	11,882	238,448	SH	SOLE	1	238,448	0	0
SKILLZ INC	COM	83067L109	135	6,223	SH	SOLE	1	6,223	0	0
SKYLINE CHAMPION CORP	COM	830830105	1,569	29,442	SH	SOLE	1	29,442	0	0
SKYWATER TECHNOLOGY INC	COM	83089J108	126	4,406	SH	SOLE	1	4,406	0	0
SKYWEST INC	COM	830879102	1,395	32,391	SH	SOLE	1	32,391	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	11,854	61,822	SH	SOLE	1	61,822	0	0
SL GREEN REALTY CORP	COM	78440X804	9,857	123,214	SH	SOLE	1	123,214	0	0
SLACK TECHNOLOGIES INC CL A	CL A	83088V102	464	10,477	SH	SOLE	1	10,477	0	0
SLEEP NUMBER CORP	COM	83125X103	1,714	15,586	SH	SOLE	1	15,586	0	0
SLM CORP	COM	78442P106	12,010	573,549	SH	SOLE	1	573,549	0	0
SM ENERGY CO	COM	78454L100	1,849	75,091	SH	SOLE	1	75,091	0	0
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	437	9,166	SH	SOLE	1	9,166	0	0
SMARTFINANCIAL INC	COM	83190L208	186	7,758	SH	SOLE	1	7,758	0	0
SMARTSHEET INC CLASS A	COM	83200N103	184	2,539	SH	SOLE	1	2,539	0	0
SMITH (A.O.) CORP	COM	831865209	2,954	40,995	SH	SOLE	1	40,995	0	0
SMITH & WESSON BRANDS INC	COM	831754106	1,034	29,800	SH	SOLE	1	29,800	0	0
SMITH MICRO SOFTWARE INC	COM	832154207	130	24,922	SH	SOLE	1	24,922	0	0
SNAP ON INC	COM	833034101	21,798	97,561	SH	SOLE	1	97,561	0	0
SOC TELEMED INC	CL A	78472F101	131	22,939	SH	SOLE	1	22,939	0	0
SOLAREEDGE	COM	83417M104	25,339	91,684	SH	SOLE	1	91,684	0	0

TECHNOLOGIES INC										
SOLARIS OILFIELD INFRAST A	COM	83418M103	171	17,525	SH	SOLE	1	17,525	0	0
SOLARWINDS CORP	COM	83417Q105	15	872	SH	SOLE	1	872	0	0
SOLID BIOSCIENCES INC	COM	83422E105	122	33,411	SH	SOLE	1	33,411	0	0
SOLITON INC	COM	834251100	117	5,194	SH	SOLE	1	5,194	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	642	14,344	SH	SOLE	1	14,344	0	0
SONOCO PRODUCTS CO	COM	835495102	11,957	178,733	SH	SOLE	1	178,733	0	0
SONOS INC	COM	83570H108	2,374	67,388	SH	SOLE	1	67,388	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	1,480	152,766	SH	SOLE	1	152,766	0	0
SOTERA HEALTH CO	COM	83601L102	40	1,656	SH	SOLE	1	1,656	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	1,757	67,741	SH	SOLE	1	67,741	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	138	5,954	SH	SOLE	1	5,954	0	0
SOUTH STATE CORP	COM	840441109	3,248	39,720	SH	SOLE	1	39,720	0	0
SOUTHERN CO/THE	COM	842587107	18,742	309,730	SH	SOLE	1	309,730	0	0
SOUTHERN COPPER CORP	COM	84265V105	79	1,232	SH	SOLE	1	1,232	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	213	4,172	SH	SOLE	1	4,172	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	195	4,332	SH	SOLE	1	4,332	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	773	20,220	SH	SOLE	1	20,220	0	0
SOUTHWEST AIRLINES CO	COM	844741108	12,936	243,671	SH	SOLE	1	243,671	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	8,925	134,838	SH	SOLE	1	134,838	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	2,481	437,641	SH	SOLE	1	437,641	0	0
SP PLUS CORP	COM	78469C103	397	12,965	SH	SOLE	1	12,965	0	0
SPARK ENERGY INC CLASS A	COM	846511103	76	6,716	SH	SOLE	1	6,716	0	0
SPARTANNASH CO	COM	847215100	450	23,288	SH	SOLE	1	23,288	0	0
SPDR GOLD	ETF	78463V107	57,971	350	SH	SOLE		350	0	0
SPDR PORTFOLIO S&P 500 GROWTH	PRTFLO S&P500 GW	78464A409	30,237	480,174	SH	SOLE	1	480,174	0	0
SPDR PTF DEV WORLD EX-US	ETF	78463X889	170,338	4,630	SH	SOLE		4,630	0	0
SPDR PTF S&P 1500 CSM	ETF	78464A805	384,562	7,260	SH	SOLE		7,260	0	0
SPDR S&P 500 ETF	ETF	78462F103	214,030	500	SH	SOLE		500	0	0
SPDR S&P 500 ETF TRUST	ETF	78462F103	51,239	119,700	SH	SOLE	1	119,700	0	0
SPDR S&P MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	10,900	22,200	SH	SOLE	1	22,200	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	44	523	SH	SOLE	1	523	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	379	101,062	SH	SOLE	1	101,062	0	0
SPERO THERAPEUTICS INC	COM	84833T103	189	13,559	SH	SOLE	1	13,559	0	0
SPIRE INC	COM	84857L101	8,642	119,577	SH	SOLE	1	119,577	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	74	1,572	SH	SOLE	1	1,572	0	0
SPIRIT AIRLINES INC	COM	848577102	1,677	55,105	SH	SOLE	1	55,105	0	0
SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	164	7,179	SH	SOLE	1	7,179	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	9,770	204,220	SH	SOLE	1	204,220	0	0
SPLUNK INC	COM	848637104	1,988	13,750	SH	SOLE	1	13,750	0	0
SPOK HOLDINGS INC	COM	84863T106	15	1,587	SH	SOLE	1	1,587	0	0

SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	433	24,394	SH	SOLE	1	24,394	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	796	2,889	SH	SOLE	1	2,889	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	1,348	16,360	SH	SOLE	1	16,360	0	0
SPROUT SOCIAL INC CLASS A	CL A	85209W109	2,214	24,756	SH	SOLE	1	24,756	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	6,831	274,908	SH	SOLE	1	274,908	0	0
SPRUCE BIOSCIENCES INC	COM	85209E109	55	4,866	SH	SOLE	1	4,866	0	0
SPS COMMERCE INC	COM	78463M107	2,338	23,412	SH	SOLE	1	23,412	0	0
SPX CORP	COM	784635104	1,747	28,606	SH	SOLE	1	28,606	0	0
SPX FLOW INC	COM	78469X107	1,786	27,378	SH	SOLE	1	27,378	0	0
SQZ BIOTECHNOLOGIES	COM	78472W104	36,373	2,517,173	SH	SOLE	2	2,517,173	0	0
SQZ BIOTECHNOLOGIES CO	COM	78472W104	184	12,756	SH	SOLE	1	12,756	0	0
SS&C TECHNOLOGIES HOLDINGS	COM	78467J100	202	2,801	SH	SOLE	1	2,801	0	0
ST JOE CO/THE	COM	790148100	957	21,452	SH	SOLE	1	21,452	0	0
STAAR SURGICAL CO	COM	852312305	16,633	109,068	SH	SOLE	1	109,068	0	0
STAG INDUSTRIAL INC	COM	85254J102	3,376	90,190	SH	SOLE	1	90,190	0	0
STAMPS.COM INC	COM	852857200	2,324	11,604	SH	SOLE	1	11,604	0	0
STANDARD MOTOR PRODS	COM	853666105	585	13,494	SH	SOLE	1	13,494	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	746	7,864	SH	SOLE	1	7,864	0	0
STANLEY BLACK & DECKER INC	COM	854502101	10,873	53,041	SH	SOLE	1	53,041	0	0
STARBUCKS CORP	COM	855244109	53,287	476,587	SH	SOLE	1	476,587	0	0
STARTEK INC	COM	85569C107	67	9,431	SH	SOLE	1	9,431	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	90	3,428	SH	SOLE	1	3,428	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	169	9,895	SH	SOLE	1	9,895	0	0
STATE STREET CORP	COM	857477103	10,793	131,170	SH	SOLE	1	131,170	0	0
STEEL DYNAMICS INC	COM	858119100	24,722	414,802	SH	SOLE	1	414,802	0	0
STEELCASE INC CL A	CL A	858155203	751	49,678	SH	SOLE	1	49,678	0	0
STEM INC	COM	85859N102	1,264	35,098	SH	SOLE	1	35,098	0	0
STEPAN CO	COM	858586100	1,682	13,984	SH	SOLE	1	13,984	0	0
STEPSTONE GROUP INC CLASS A	CL A	85914M107	720	20,923	SH	SOLE	1	20,923	0	0
STEREOTAXIS INC	COM	85916J409	268	27,810	SH	SOLE	1	27,810	0	0
STERICYCLE INC	COM	858912108	11,663	163,005	SH	SOLE	1	163,005	0	0
STERIS PLC	COM	G8473T100	7,054	34,194	SH	SOLE	1	34,194	0	0
STERLING BANCORP/DE	COM	85917A100	8,484	342,254	SH	SOLE	1	342,254	0	0
STERLING CONSTRUCTION CO	COM	859241101	376	15,590	SH	SOLE	1	15,590	0	0
STEVEN MADDEN LTD	COM	556269108	2,311	52,822	SH	SOLE	1	52,822	0	0
STEWART INFORMATION SERVICES	COM	860372101	983	17,343	SH	SOLE	1	17,343	0	0
STIFEL FINANCIAL CORP	COM	860630102	12,106	186,649	SH	SOLE	1	186,649	0	0
STITCH FIX INC CLASS A	COM	860897107	1,997	33,110	SH	SOLE	1	33,110	0	0
STOCK YARDS BANCORP INC	COM	861025104	589	11,566	SH	SOLE	1	11,566	0	0
STOKE THERAPEUTICS INC	COM	86150R107	360	10,696	SH	SOLE	1	10,696	0	0
STONECO LTD A	CL A	G85158106	305	4,542	SH	SOLE	1	4,542	0	0
STONEMOR INC	COM	86184W106	47	18,027	SH	SOLE	1	18,027	0	0
STONERIDGE INC	COM	86183P102	431	14,619	SH	SOLE	1	14,619	0	0
STONEX GROUP INC	COM	861896108	661	10,889	SH	SOLE	1	10,889	0	0

STORE CAPITAL CORP	COM	862121100	14,925	432,479	SH	SOLE	1	432,479	0	0
STRATEGIC EDUCATION INC	COM	86272C103	4,347	57,148	SH	SOLE	1	57,148	0	0
STRIDE INC	COM	86333M108	725	22,577	SH	SOLE	1	22,577	0	0
STRYKER CORP	COM	863667101	30,307	116,686	SH	SOLE	1	116,686	0	0
STURM RUGER & CO INC	COM	864159108	1,007	11,191	SH	SOLE	1	11,191	0	0
SUBURBAN PROPANE PARTNERS COM UNT	COM	864482104	1,687	110	SH	SOLE		110	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	140	6,371	SH	SOLE	1	6,371	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	631	67,585	SH	SOLE	1	67,585	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	2,291	65,752	SH	SOLE	1	65,752	0	0
SUMMIT THERAPEUTICS INC	COM	86627T108	94	12,595	SH	SOLE	1	12,595	0	0
SUMO LOGIC INC	COM	86646P103	944	45,718	SH	SOLE	1	45,718	0	0
SUN COMMUNITIES INC	COM	866674104	237	1,382	SH	SOLE	1	1,382	0	0
SUN COUNTRY AIRLINES HOLDING	COM	866683105	360	9,716	SH	SOLE	1	9,716	0	0
SUNCOKE ENERGY INC	COM	86722A103	385	53,977	SH	SOLE	1	53,977	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	1,816	48,228	SH	SOLE	1	48,228	0	0
SUNPOWER CORP	COM	867652406	1,310	44,823	SH	SOLE	1	44,823	0	0
SUNRUN INC	COM	86771W105	15,991	286,673	SH	SOLE	1	286,673	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,496	120,461	SH	SOLE	1	120,461	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	851	24,190	SH	SOLE	1	24,190	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	154	6,449	SH	SOLE	1	6,449	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	993	32,245	SH	SOLE	1	32,245	0	0
SURFACE ONCOLOGY INC	COM	86877M209	139	18,644	SH	SOLE	1	18,644	0	0
SURGERY PARTNERS INC	COM	86881A100	1,183	17,761	SH	SOLE	1	17,761	0	0
SURMODICS INC	COM	868873100	478	8,812	SH	SOLE	1	8,812	0	0
SUTRO BIOPHARMA INC	COM	869367102	452	24,296	SH	SOLE	1	24,296	0	0
SVB FINANCIAL GROUP	COM	78486Q101	10,966	19,708	SH	SOLE	1	19,708	0	0
SWITCH INC A	COM	87105L104	51	2,422	SH	SOLE	1	2,422	0	0
SYKES ENTERPRISES INC	COM	871237103	1,346	25,058	SH	SOLE	1	25,058	0	0
SYNAPTICS INC	COM	87157D109	12,737	81,871	SH	SOLE	1	81,871	0	0
SYNCHRONY FINANCIAL	COM	87165B103	8,076	166,442	SH	SOLE	1	166,442	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	433	25,196	SH	SOLE	1	25,196	0	0
SYNEOS HEALTH INC	COM	87166B102	16,108	180,001	SH	SOLE	1	180,001	0	0
SYNNEX CORP	COM	87162W100	10,446	85,794	SH	SOLE	1	85,794	0	0
SYNOPSYS INC	COM	871607107	20,148	73,054	SH	SOLE	1	73,054	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	11,587	264,058	SH	SOLE	1	264,058	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	176	32,258	SH	SOLE	1	32,258	0	0
SYSCO CORP	COM	871829107	11,637	149,676	SH	SOLE	1	149,676	0	0
T MOBILE US INC	COM	872590104	36,455	251,709	SH	SOLE	1	251,709	0	0
T ROWE PRICE GROUP INC	COM	74144T108	21,664	109,429	SH	SOLE	1	109,429	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	730	14,602	SH	SOLE	1	14,602	0	0

TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	650	12,493	SH	SOLE	1	12,493	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	7,857	44,386	SH	SOLE	1	44,386	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	134	5,319	SH	SOLE	1	5,319	0	0
TALARIS THERAPEUTICS INC	COM	87410C104	73	4,991	SH	SOLE	1	4,991	0	0
TALIS BIOMEDICAL CORP	COM	87424L108	89	8,095	SH	SOLE	1	8,095	0	0
TALOS ENERGY INC	COM	87484T108	367	23,497	SH	SOLE	1	23,497	0	0
TANDEM DIABETES CARE INC	COM	875372203	123	1,258	SH	SOLE	1	1,258	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	1,217	64,567	SH	SOLE	1	64,567	0	0
TAPESTRY INC	COM	876030107	3,709	85,315	SH	SOLE	1	85,315	0	0
TARGA RESOURCES CORP	COM	87612G101	19,615	441,273	SH	SOLE	1	441,273	0	0
TARGET CORP	COM	87612E106	40,286	166,651	SH	SOLE	1	166,651	0	0
TARGET HOSPITALITY CORP	COM	87615L107	52	13,973	SH	SOLE	1	13,973	0	0
TARSUS PHARMACEUTICALS INC	COM	87650L103	137	4,724	SH	SOLE	1	4,724	0	0
TATTOOED CHEF INC	CL A	87663X102	562	26,204	SH	SOLE	1	26,204	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	7,869	297,840	SH	SOLE	1	297,840	0	0
TAYSHA GENE THERAPIES INC	COM	877619106	264	12,474	SH	SOLE	1	12,474	0	0
TCR2 THERAPEUTICS INC	COM	87808K106	280	17,092	SH	SOLE	1	17,092	0	0
TE CONNECTIVITY LTD	COM	H84989104	13,985	103,431	SH	SOLE	1	103,431	0	0
TEAM INC	COM	878155100	117	17,517	SH	SOLE	1	17,517	0	0
TECHTARGET	COM	87874R100	1,271	16,404	SH	SOLE	1	16,404	0	0
TEEKAY CORP	COM	Y8564W103	145	38,917	SH	SOLE	1	38,917	0	0
TEEKAY TANKERS LTD CLASS A	CL A	Y8565N300	193	13,363	SH	SOLE	1	13,363	0	0
TEGNA INC	COM	87901J105	9,631	513,387	SH	SOLE	1	513,387	0	0
TEJON RANCH CO	COM	879080109	178	11,677	SH	SOLE	1	11,677	0	0
TELADOC HEALTH INC	COM	87918A105	305	1,833	SH	SOLE	1	1,833	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	5,979	14,275	SH	SOLE	1	14,275	0	0
TELEFLEX INC	COM	879369106	6,728	16,745	SH	SOLE	1	16,745	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	5,264	232,318	SH	SOLE	1	232,318	0	0
TELLURIAN INC	COM	87968A104	826	177,618	SH	SOLE	1	177,618	0	0
TELOS CORPORATION	COM	87969B101	329	9,674	SH	SOLE	1	9,674	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	12,813	326,940	SH	SOLE	1	326,940	0	0
TENABLE HLDGS INC	COM	88025T102	253	5,714	SH	SOLE	2	5,714	0	0
TENABLE HOLDINGS INC	COM	88025T102	2,103	50,847	SH	SOLE	1	50,847	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	81	5,201	SH	SOLE	1	5,201	0	0
TENET HEALTHCARE CORP	COM	88033G407	16,606	247,892	SH	SOLE	1	247,892	0	0
TENNANT CO	COM	880345103	958	12,003	SH	SOLE	1	12,003	0	0
TENNECO INC CLASS A	COM	880349105	765	39,609	SH	SOLE	1	39,609	0	0
TERADATA CORP	COM	88076W103	9,769	195,493	SH	SOLE	1	195,493	0	0
TERADYNE INC	COM	880770102	7,097	52,980	SH	SOLE	1	52,980	0	0
TEREX CORP	COM	880779103	7,689	161,474	SH	SOLE	1	161,474	0	0
TERMINIX GLOBAL HOLDINGS INC	COM	88087E100	77	1,608	SH	SOLE	1	1,608	0	0
TERNS	COM	880881107	60	4,883	SH	SOLE	1	4,883	0	0

PHARMACEUTICALS INC											
TERRENO REALTY CORP	COM	88146M101	2,479	38,428	SH	SOLE	1	38,428	0	0	
TESLA INC	COM	88160R101	201,355	296,241	SH	SOLE	1	296,241	0	0	
TETRA TECH INC	COM	88162G103	15,348	125,758	SH	SOLE	1	125,758	0	0	
TETRA TECHNOLOGIES INC	COM	88162F105	298	68,768	SH	SOLE	1	68,768	0	0	
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,478	149,333	SH	SOLE	1	149,333	0	0	
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	7,469	117,644	SH	SOLE	1	117,644	0	0	
TEXAS INSTRUMENTS INC	COM	882508104	260,147	1,352,821	SH	SOLE	1	1,352,821	0	0	
TEXAS PACIFIC LAND CORP	COM	88262P102	198	124	SH	SOLE	1	124	0	0	
TEXAS ROADHOUSE INC	COM	882681109	14,899	154,873	SH	SOLE	1	154,873	0	0	
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	907	26,859	SH	SOLE	1	26,859	0	0	
TEXTRON INC	COM	883203101	4,735	68,856	SH	SOLE	1	68,856	0	0	
TFS FINANCIAL CORP	COM	87240R107	12	615	SH	SOLE	1	615	0	0	
TG THERAPEUTICS INC	COM	88322Q108	2,786	71,828	SH	SOLE	1	71,828	0	0	
THERAPEUTICSMD INC	COM	88338N107	241	202,678	SH	SOLE	1	202,678	0	0	
THERAVANCE BIOPHARMA INC	COM	G8807B106	434	29,873	SH	SOLE	1	29,873	0	0	
THERMO FISHER SCIENTIFIC INC	COM	883556102	71,209	141,156	SH	SOLE	1	141,156	0	0	
THERMON GROUP HOLDINGS INC	COM	88362T103	315	18,469	SH	SOLE	1	18,469	0	0	
THOR INDUSTRIES INC	COM	885160101	11,132	98,516	SH	SOLE	1	98,516	0	0	
THOR INDUSTRIES ORD	COM	885160101	33,900	300	SH	SOLE		300	0	0	
THRYV HOLDINGS INC	COM	886029206	130	3,625	SH	SOLE	1	3,625	0	0	
TIDEWATER INC	COM	88642R109	274	22,767	SH	SOLE	1	22,767	0	0	
TIDEWATER INC NEW	COM	88642R109	28,212	2,341,223	SH	SOLE	2	2,341,223	0	0	
TILLY S INC CLASS A SHRS	COM	886885102	203	12,702	SH	SOLE	1	12,702	0	0	
TIMKEN CO	COM	887389104	9,786	121,429	SH	SOLE	1	121,429	0	0	
TIMKENSTEEL CORP	COM	887399103	409	28,890	SH	SOLE	1	28,890	0	0	
TIPTREE INC	COM	88822Q103	118	12,724	SH	SOLE	1	12,724	0	0	
TITAN INTERNATIONAL INC	COM	88830M102	278	32,790	SH	SOLE	1	32,790	0	0	
TITAN MACHINERY INC	COM	88830R101	336	10,858	SH	SOLE	1	10,858	0	0	
TIVITY HEALTH INC	COM	88870R102	738	28,037	SH	SOLE	1	28,037	0	0	
TJX COMPANIES INC	COM	872540109	26,770	397,069	SH	SOLE	1	397,069	0	0	
TOLL BROTHERS INC	COM	889478103	11,553	199,840	SH	SOLE	1	199,840	0	0	
TOMPKINS FINANCIAL CORP	COM	890110109	704	9,081	SH	SOLE	1	9,081	0	0	
TONIX PHARMACEUTICALS HOLDIN	COM	890260706	203	183,052	SH	SOLE	1	183,052	0	0	
TOOTSIE ROLL INDS	COM	890516107	1,348	39,764	SH	SOLE	1	39,764	0	0	
TOPBUILD CORP	COM	89055F103	11,662	58,966	SH	SOLE	1	58,966	0	0	
TORO CO	COM	891092108	20,995	191,076	SH	SOLE	1	191,076	0	0	
TOWNE BANK	COM	89214P109	1,145	37,640	SH	SOLE	1	37,640	0	0	
TPG RE FINANCE TRUST INC	COM	87266M107	453	33,649	SH	SOLE	1	33,649	0	0	
TPI COMPOSITES INC	COM	87266J104	969	20,016	SH	SOLE	1	20,016	0	0	
TRACTOR SUPPLY COMPANY	COM	892356106	6,833	36,723	SH	SOLE	1	36,723	0	0	
TRADE DESK INC/THE CLASS A	COM	88339J105	701	9,057	SH	SOLE	1	9,057	0	0	
TRADEWEB MARKETS INC CLASS A	CL A	892672106	111	1,312	SH	SOLE	1	1,312	0	0	
TRANE TECHNOLOGIES	PLC SHS	G8994E103	16,467	89,428	SH	SOLE	1	89,428	0	0	

PLC										
TRANSCAT INC	COM	893529107	224	3,964	SH	SOLE	1	3,964	0	0
TRANSDIGM GROUP INC	COM	893641100	11,003	16,998	SH	SOLE	1	16,998	0	0
TRANSLATE BIO INC	COM	89374L104	1,035	37,564	SH	SOLE	1	37,564	0	0
TRANSMEDICS GROUP INC	COM	89377M109	482	14,523	SH	SOLE	1	14,523	0	0
TRANSUNION	COM	89400J107	387	3,521	SH	SOLE	1	3,521	0	0
TRAVEL LEISURE CO	COM	894164102	9,130	153,569	SH	SOLE	1	153,569	0	0
TRAVELCENTERS OF AMERICA INC	COM	89421B109	205	6,996	SH	SOLE	1	6,996	0	0
TRAVELERS COS INC/THE	COM	89417E109	33,441	223,373	SH	SOLE	1	223,373	0	0
TRAVERE THERAPEUTICS INC	COM	89422G107	477	32,665	SH	SOLE	1	32,665	0	0
TREACE MEDICAL CONCEPTS INC	COM	89455T109	192	6,128	SH	SOLE	1	6,128	0	0
TREAN INSURANCE GROUP INC	COM	89457R101	149	9,887	SH	SOLE	1	9,887	0	0
TREDEGAR CORP	COM	894650100	234	16,994	SH	SOLE	1	16,994	0	0
TREEHOUSE FOODS INC	COM	89469A104	5,712	128,309	SH	SOLE	1	128,309	0	0
TREVENA INC	COM	89532E109	155	91,634	SH	SOLE	1	91,634	0	0
TREX COMPANY INC	COM	89531P105	21,049	205,939	SH	SOLE	1	205,939	0	0
TRI POINTE HOMES INC	COM	87265H109	5,889	274,806	SH	SOLE	1	274,806	0	0
TRICO BANCSHARES	COM	896095106	658	15,446	SH	SOLE	1	15,446	0	0
TRILLIUM THERAPEUTICS INC	COM	89620X506	532	54,811	SH	SOLE	1	54,811	0	0
TRIMAS CORP	COM	896215209	735	24,221	SH	SOLE	1	24,221	0	0
TRIMBLE INC	COM	896239100	6,366	77,797	SH	SOLE	1	77,797	0	0
TRINET GROUP INC	COM	896288107	1,647	22,717	SH	SOLE	1	22,717	0	0
TRINITY INDUSTRIES INC	COM	896522109	5,145	191,344	SH	SOLE	1	191,344	0	0
TRINSEO SA	COM	L9340P101	1,512	25,260	SH	SOLE	1	25,260	0	0
TRIP.COM GROUP LTD ADR	ADS	89677Q107	1,404	39,593	SH	SOLE	1	39,593	0	0
TRIPADVISOR INC	COM	896945201	7,040	174,701	SH	SOLE	1	174,701	0	0
TRIPLE S MANAGEMENT CORP	COM	896749108	284	12,746	SH	SOLE	1	12,746	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	331	16,216	SH	SOLE	1	16,216	0	0
TRITON INTERNATIONAL LTD	COM	G9078F107	1,958	37,407	SH	SOLE	1	37,407	0	0
TRIUMPH BANCORP INC	COM	89679E300	1,129	15,205	SH	SOLE	1	15,205	0	0
TRIUMPH GROUP INC	COM	896818101	712	34,336	SH	SOLE	1	34,336	0	0
TRONOX HOLDINGS PLC A	COM	G9087Q102	1,439	64,231	SH	SOLE	1	64,231	0	0
TRUEBLUE INC	COM	89785X101	640	22,750	SH	SOLE	1	22,750	0	0
TRUECAR INC	COM	89785L107	312	55,145	SH	SOLE	1	55,145	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	27,184	489,805	SH	SOLE	1	489,805	0	0
TRUPANION INC	COM	898202106	2,808	24,394	SH	SOLE	1	24,394	0	0
TRUSTCO BANK CORP NY	COM	898349204	423	12,304	SH	SOLE	1	12,304	0	0
TRUSTMARK CORP	COM	898402102	4,534	147,209	SH	SOLE	1	147,209	0	0
TTEC HOLDINGS INC	COM	89854H102	1,235	11,984	SH	SOLE	1	11,984	0	0
TTM TECHNOLOGIES	COM	87305R109	985	68,911	SH	SOLE	1	68,911	0	0
TUCOWS INC CLASS A	COM	898697206	423	5,271	SH	SOLE	1	5,271	0	0
TUPPERWARE BRANDS CORP	COM	899896104	765	32,217	SH	SOLE	1	32,217	0	0
TURNING POINT BRANDS INC	COM	90041L105	374	8,163	SH	SOLE	1	8,163	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	2,010	25,765	SH	SOLE	1	25,765	0	0
TURTLE BEACH CORP	COM	900450206	268	8,385	SH	SOLE	1	8,385	0	0

TUSIMPLE HOLDINGS INC A	CL A	90089L108	34	484	SH	SOLE	1	484	0	0
TUTOR PERINI CORP	COM	901109108	320	23,122	SH	SOLE	1	23,122	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	3,525	26,457	SH	SOLE	1	26,457	0	0
TWITTER INC	COM	90184L102	18,417	267,649	SH	SOLE	1	267,649	0	0
TWO HARBORS INVESTMENT CORP	COM	90187B408	1,345	177,853	SH	SOLE	1	177,853	0	0
TYLER TECHNOLOGIES INC	COM	902252105	6,290	13,905	SH	SOLE	1	13,905	0	0
TYSON FOODS INC CL A	CL A	902494103	24,173	327,726	SH	SOLE	1	327,726	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	963	8,310	SH	SOLE	1	8,310	0	0
UBIQUITI INC	COM	90353W103	41	132	SH	SOLE	1	132	0	0
UDR INC	COM	902653104	4,435	90,538	SH	SOLE	1	90,538	0	0
UFP INDUSTRIES INC	COM	90278Q108	2,918	39,250	SH	SOLE	1	39,250	0	0
UFP TECHNOLOGIES INC	COM	902673102	223	3,880	SH	SOLE	1	3,880	0	0
UGI CORP	COM	902681105	17,169	370,740	SH	SOLE	1	370,740	0	0
UGI ORD	COM	902681105	56,313	1,216	SH	SOLE		1,216	0	0
ULTA BEAUTY INC	COM	90384S303	5,980	17,296	SH	SOLE	1	17,296	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	1,519	28,276	SH	SOLE	1	28,276	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	116	1,219	SH	SOLE	1	1,219	0	0
UMB FINANCIAL CORP	COM	902788108	9,421	101,234	SH	SOLE	1	101,234	0	0
UMH PROPERTIES INC	COM	903002103	494	22,660	SH	SOLE	1	22,660	0	0
UMPQUA HOLDINGS CORP	COM	904214103	9,041	490,020	SH	SOLE	1	490,020	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	1,217	57,542	SH	SOLE	1	57,542	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	1,114	59,963	SH	SOLE	1	59,963	0	0
UNIFI INC	COM	904677200	214	8,768	SH	SOLE	1	8,768	0	0
UNIFIRST CORP/MA	COM	904708104	2,302	9,809	SH	SOLE	1	9,809	0	0
UNION PACIFIC CORP	COM	907818108	48,227	219,285	SH	SOLE	1	219,285	0	0
UNISYS CORP	COM	909214306	1,082	42,752	SH	SOLE	1	42,752	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	6,172	118,028	SH	SOLE	1	118,028	0	0
UNITED BANKSHARES INC	COM	909907107	11,194	306,697	SH	SOLE	1	306,697	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,808	56,493	SH	SOLE	1	56,493	0	0
UNITED FIRE GROUP INC	COM	910340108	380	13,707	SH	SOLE	1	13,707	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	75	13,238	SH	SOLE	1	13,238	0	0
UNITED NATURAL FOODS INC	COM	911163103	1,342	36,282	SH	SOLE	1	36,282	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	51,717	248,675	SH	SOLE	1	248,675	0	0
UNITED RENTALS INC	COM	911363109	7,421	23,262	SH	SOLE	1	23,262	0	0
UNITED STATES LIME & MINERAL	COM	911922102	161	1,159	SH	SOLE	1	1,159	0	0
UNITED STATES STEEL CORP	COM	912909108	11,496	479,011	SH	SOLE	1	479,011	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	14,275	79,569	SH	SOLE	1	79,569	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	111,535	278,530	SH	SOLE	1	278,530	0	0
UNITI GROUP INC	COM	91325V108	1,374	129,776	SH	SOLE	1	129,776	0	0
UNITIL CORP	COM	913259107	511	9,639	SH	SOLE	1	9,639	0	0
UNITY SOFTWARE INC	COM	91332U101	342	3,110	SH	SOLE	1	3,110	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	7,344	301,235	SH	SOLE	1	301,235	0	0
UNIVERSAL CORP/VA	COM	913456109	896	15,730	SH	SOLE	1	15,730	0	0

UNIVERSAL DISPLAY CORP	COM	91347P105	17,027	76,584	SH	SOLE	1	76,584	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	422	8,695	SH	SOLE	1	8,695	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	513	8,331	SH	SOLE	1	8,331	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	3,479	23,759	SH	SOLE	1	23,759	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	246	17,720	SH	SOLE	1	17,720	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	100	4,291	SH	SOLE	1	4,291	0	0
UNIVEST FINANCIAL CORP	COM	915271100	427	16,208	SH	SOLE	1	16,208	0	0
UNUM GROUP	COM	91529Y106	1,769	62,303	SH	SOLE	1	62,303	0	0
UPLAND SOFTWARE INC	COM	91544A109	660	16,027	SH	SOLE	1	16,027	0	0
UPSTART HOLDINGS INC	COM	91680M107	32	260	SH	SOLE	1	260	0	0
UPWORK INC	COM	91688F104	3,810	65,360	SH	SOLE	1	65,360	0	0
UR ENERGY INC	COM	91688R108	142	101,391	SH	SOLE	1	101,391	0	0
URANIUM ENERGY CORP	COM	916896103	316	118,931	SH	SOLE	1	118,931	0	0
URBAN EDGE PROPERTIES	COM	91704F104	4,946	258,938	SH	SOLE	1	258,938	0	0
URBAN OUTFITTERS INC	COM	917047102	6,584	159,720	SH	SOLE	1	159,720	0	0
UROGEN PHARMA LTD	COM	M96088105	167	10,930	SH	SOLE	1	10,930	0	0
URSTADT BIDDLE CLASS A	COM	917286205	375	19,362	SH	SOLE	1	19,362	0	0
US BANCORP	COM	902973304	29,587	519,343	SH	SOLE	1	519,343	0	0
US CELLULAR CORP	COM	911684108	311	8,567	SH	SOLE	1	8,567	0	0
US CONCRETE INC	COM	90333L201	776	10,521	SH	SOLE	1	10,521	0	0
US ECOLOGY INC	COM	91734M103	768	20,457	SH	SOLE	1	20,457	0	0
US FOODS HOLDING CORP	COM	912008109	106	2,761	SH	SOLE	1	2,761	0	0
US SILICA HOLDINGS INC	COM	90346E103	552	47,778	SH	SOLE	1	47,778	0	0
US XPRESS ENTERPRISES INC A	COM	90338N202	130	15,074	SH	SOLE	1	15,074	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	834	8,147	SH	SOLE	1	8,147	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	163	1,919	SH	SOLE	1	1,919	0	0
UTZ BRANDS INC	CL A	918090101	720	33,042	SH	SOLE	1	33,042	0	0
UWM HOLDINGS CORP	CL A	91823B109	6	709	SH	SOLE	1	709	0	0
VAIL RESORTS INC	COM	91879Q109	267	844	SH	SOLE	1	844	0	0
VALERO ENERGY CORP	COM	91913Y100	14,097	180,550	SH	SOLE	1	180,550	0	0
VALHI INC	COM	918905209	33	1,351	SH	SOLE	1	1,351	0	0
VALLEY NATIONAL BANCORP	COM	919794107	12,630	940,458	SH	SOLE	1	940,458	0	0
VALMONT INDUSTRIES	COM	920253101	8,909	37,743	SH	SOLE	1	37,743	0	0
VALUE LINE INC	COM	920437100	17	549	SH	SOLE	1	549	0	0
VALVOLINE INC	COM	92047W101	10,442	321,676	SH	SOLE	1	321,676	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	767	35,651	SH	SOLE	1	35,651	0	0
VANGUARD EM ST I ETF	ETF	922042858	40,733	750	SH	SOLE		750	0	0
VANGUARD ENERGY IDX ETF	ETF	92204A306	72,096	950	SH	SOLE		950	0	0
VANGUARD FINL INDX ETF	ETF	92204A405	67,838	750	SH	SOLE		750	0	0
VANGUARD RE IDX ETF	ETF	922908553	152,685	1,500	SH	SOLE		1,500	0	0
VANGUARD SC G ID ETF	ETF	922908595	101,427	350	SH	SOLE		350	0	0
VANGUARD SH-TM B ETF	ETF	921937827	27,113	330	SH	SOLE		330	0	0

VANGUARD ST TRS ETF	ETF	92206C102	399,295	6,500	SH	SOLE		6,500	0	0
VANGUARD T WLDSTK ETF	ETF	922042742	15,542	150	SH	SOLE		150	0	0
VAPOTHERM INC	COM	922107107	301	12,750	SH	SOLE	1	12,750	0	0
VAREX IMAGING CORP	COM	92214X106	670	24,980	SH	SOLE	1	24,980	0	0
VARONIS SYSTEMS INC	COM	922280102	3,420	59,351	SH	SOLE	1	59,351	0	0
VAXART INC	COM	92243A200	501	66,936	SH	SOLE	1	66,936	0	0
VAXCYTE INC	COM	92243G108	501	22,272	SH	SOLE	1	22,272	0	0
VBI VACCINES INC	COM	91822J103	350	104,336	SH	SOLE	1	104,336	0	0
VECTOR GROUP LTD	COM	92240M108	1,299	91,887	SH	SOLE	1	91,887	0	0
VECTRUS INC	COM	92242T101	307	6,460	SH	SOLE	1	6,460	0	0
VEECO INSTRUMENTS INC	COM	922417100	778	32,373	SH	SOLE	1	32,373	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	901	2,896	SH	SOLE	1	2,896	0	0
VELOCITY FINANCIAL INC	COM	92262D101	60	4,806	SH	SOLE	1	4,806	0	0
VELOCITYNE LIDAR INC	COM	92259F101	422	39,615	SH	SOLE	1	39,615	0	0
VENTAS INC	COM	92276F100	6,535	114,442	SH	SOLE	1	114,442	0	0
VERA BRADLEY INC	COM	92335C106	203	16,395	SH	SOLE	1	16,395	0	0
VERACYTE INC	COM	92337F107	1,511	37,806	SH	SOLE	1	37,806	0	0
VERASTEM INC	COM	92337C104	393	96,588	SH	SOLE	1	96,588	0	0
VEREIT INC	COM	92339V308	131	2,860	SH	SOLE	1	2,860	0	0
VERICEL CORP	COM	92346J108	1,584	30,179	SH	SOLE	1	30,179	0	0
VERINT SYSTEMS INC	COM	92343X100	1,627	36,108	SH	SOLE	1	36,108	0	0
VERISIGN INC	COM	92343E102	9,568	42,024	SH	SOLE	1	42,024	0	0
VERISK ANALYTICS INC	COM	92345Y106	12,960	74,173	SH	SOLE	1	74,173	0	0
VERITEX HOLDINGS INC	COM	923451108	1,100	31,060	SH	SOLE	1	31,060	0	0
VERITIV CORP	COM	923454102	597	9,719	SH	SOLE	1	9,719	0	0
VERITONE INC	COM	92347M100	314	15,917	SH	SOLE	1	15,917	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	232,825	4,155,362	SH	SOLE	1	4,155,362	0	0
VERRA MOBILITY CORP	COM	92511U102	1,155	75,140	SH	SOLE	1	75,140	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	83	7,339	SH	SOLE	1	7,339	0	0
VERSO CORP A	COM	92531L207	297	16,795	SH	SOLE	1	16,795	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	22,052	109,370	SH	SOLE	1	109,370	0	0
VERTIV HOLDINGS CO	CL A	92537N108	162	5,943	SH	SOLE	1	5,943	0	0
VERU INC	COM	92536C103	286	35,413	SH	SOLE	1	35,413	0	0
VF CORP	COM	918204108	11,842	144,341	SH	SOLE	1	144,341	0	0
VIACOMCBS INC CLASS A	CL A	92556H107	5	102	SH	SOLE	1	102	0	0
VIACOMCBS INC CLASS B	CL B	92556H206	26,722	591,191	SH	SOLE	1	591,191	0	0
VIAD CORP	COM	92552R406	658	13,202	SH	SOLE	1	13,202	0	0
VIAANT TECHNOLOGY INC A	CL A	92557A101	179	6,015	SH	SOLE	1	6,015	0	0
VIASAT INC	COM	92552V100	6,022	120,831	SH	SOLE	1	120,831	0	0
VIATRIS INC	COM	92556V106	5,269	368,731	SH	SOLE	1	368,731	0	0
VIAVI SOLUTIONS INC	COM	925550105	2,622	148,469	SH	SOLE	1	148,469	0	0
VICI PROPERTIES INC	COM	925652109	208	6,713	SH	SOLE	1	6,713	0	0
VICOR CORP	COM	925815102	1,451	13,720	SH	SOLE	1	13,720	0	0
VIEMED HEALTHCARE INC	COM	92663R105	142	19,838	SH	SOLE	1	19,838	0	0
VIEW INC	CL A	92671V106	403	47,485	SH	SOLE	1	47,485	0	0
VIEWRAY INC	COM	92672L107	504	76,341	SH	SOLE	1	76,341	0	0
VIKING THERAPEUTICS INC	COM	92686J106	230	38,331	SH	SOLE	1	38,331	0	0
VILLAGE SUPER	COM	927107409	112	4,770	SH	SOLE	1	4,770	0	0

MARKET CLASS A

VIMEO INC	COM	92719V100	126	2,562	SH	SOLE	1	2,562	0	0
VINCERX PHARMA INC	COM	92731L106	34	2,636	SH	SOLE	1	2,636	0	0
VINE ENERGY INC CLASS A	CL A	92735P103	180	11,559	SH	SOLE	1	11,559	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	123	6,113	SH	SOLE	1	6,113	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	1,593	33,684	SH	SOLE	1	33,684	0	0
VIRACTA THERAPEUTICS INC	COM	92765F108	230	20,314	SH	SOLE	1	20,314	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	135	2,937	SH	SOLE	1	2,937	0	0
VIRNETX HOLDING CORP	COM	92823T108	152	35,544	SH	SOLE	1	35,544	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	32	1,166	SH	SOLE	1	1,166	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	1,314	4,730	SH	SOLE	1	4,730	0	0
VISA INC CLASS A SHARES	COM	92826C839	136,404	583,371	SH	SOLE	1	583,371	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	6,964	308,823	SH	SOLE	1	308,823	0	0
VISHAY PRECISION GROUP	COM	92835K103	237	6,965	SH	SOLE	1	6,965	0	0
VISTA OUTDOOR INC	COM	928377100	1,754	37,894	SH	SOLE	1	37,894	0	0
VISTAGEN THERAPEUTICS INC	COM	92840H202	338	107,199	SH	SOLE	1	107,199	0	0
VISTEON CORP	COM	92839U206	7,847	64,884	SH	SOLE	1	64,884	0	0
VISTRA CORP	COM	92840M102	111	5,986	SH	SOLE	1	5,986	0	0
VITAL FARMS INC	COM	92847W103	275	13,764	SH	SOLE	1	13,764	0	0
VIVINT SMART HOME INC	CL A	928542109	678	51,342	SH	SOLE	1	51,342	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	762	19,132	SH	SOLE	1	19,132	0	0
VONAGE HOLDINGS CORP	COM	92886T201	2,255	156,491	SH	SOLE	1	156,491	0	0
VONTIER CORP	COM	928881101	9,795	300,655	SH	SOLE	1	300,655	0	0
VOR BIOPHARMA INC	COM	929033108	119	6,393	SH	SOLE	1	6,393	0	0
VORNADO REALTY TRUST	COM	929042109	2,246	48,128	SH	SOLE	1	48,128	0	0
VOXX INTERNATIONAL CORP	CL A	91829F104	122	8,721	SH	SOLE	1	8,721	0	0
VOYA FINANCIAL INC	COM	929089100	93	1,505	SH	SOLE	1	1,505	0	0
VROOM INC	COM	92918V109	71	1,687	SH	SOLE	1	1,687	0	0
VSE CORP	COM	918284100	294	5,932	SH	SOLE	1	5,932	0	0
VULCAN MATERIALS CO	COM	929160109	7,092	40,741	SH	SOLE	1	40,741	0	0
VUZIX CORP	COM	92921W300	603	32,884	SH	SOLE	1	32,884	0	0
W&T OFFSHORE INC	COM	92922P106	255	52,588	SH	SOLE	1	52,588	0	0
WABASH NATIONAL CORP	COM	929566107	535	33,451	SH	SOLE	1	33,451	0	0
WABTEC CORP	COM	929740108	5,949	72,289	SH	SOLE	1	72,289	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	217,996	4,143,625	SH	SOLE	1	4,143,625	0	0
WALKER & DUNLOP INC	COM	93148P102	1,985	19,021	SH	SOLE	1	19,021	0	0
WALMART INC	COM	931142103	59,287	420,416	SH	SOLE	1	420,416	0	0
WALT DISNEY CO/THE	COM	254687106	106,922	608,309	SH	SOLE	1	608,309	0	0
WARRIOR MET COAL INC	COM	93627C101	575	33,422	SH	SOLE	1	33,422	0	0
WASHINGTON FEDERAL INC	COM	938824109	5,344	168,165	SH	SOLE	1	168,165	0	0
WASHINGTON REIT	COM	939653101	1,265	54,983	SH	SOLE	1	54,983	0	0
WASHINGTON TRUST BANCORP	COM	940610108	493	9,592	SH	SOLE	1	9,592	0	0

WASTE MANAGEMENT INC	COM	94106L109	19,255	137,429	SH	SOLE	1	137,429	0	0
WATERS CORP	COM	941848103	6,825	19,748	SH	SOLE	1	19,748	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	238	12,130	SH	SOLE	1	12,130	0	0
WATFORD HOLDINGS LTD	COM	G94787101	347	9,920	SH	SOLE	1	9,920	0	0
WATSCO INC	COM	942622200	16,758	58,465	SH	SOLE	1	58,465	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	2,608	17,871	SH	SOLE	1	17,871	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	140	21,020	SH	SOLE	1	21,020	0	0
WAYFAIR INC CLASS A	COM	94419L101	411	1,303	SH	SOLE	1	1,303	0	0
WD 40 CO	COM	929236107	2,275	8,877	SH	SOLE	1	8,877	0	0
WEBSTER FINANCIAL CORP	COM	947890109	8,568	160,622	SH	SOLE	1	160,622	0	0
WEC ENERGY GROUP INC	COM	92939U106	13,019	146,366	SH	SOLE	1	146,366	0	0
WEIBO CORP SPON ADR	ADR	948596101	36	688	SH	SOLE	1	688	0	0
WEINGARTEN REALTY INVESTORS	COM	948741103	6,835	213,114	SH	SOLE	1	213,114	0	0
WEIS MARKETS INC	COM	948849104	476	9,219	SH	SOLE	1	9,219	0	0
WELBILT INC	COM	949090104	1,696	73,267	SH	SOLE	1	73,267	0	0
WELLS FARGO & CO	COM	949746101	54,773	1,209,378	SH	SOLE	1	1,209,378	0	0
WELLTOWER INC	COM	95040Q104	10,585	127,379	SH	SOLE	1	127,379	0	0
WENDY S CO/THE	COM	95058W100	7,404	316,140	SH	SOLE	1	316,140	0	0
WEREWOLF THERAPEUTICS INC	COM	95075A107	74	4,241	SH	SOLE	1	4,241	0	0
WERNER ENTERPRISES INC	COM	950755108	6,044	135,755	SH	SOLE	1	135,755	0	0
WESBANCO INC	COM	950810101	1,304	36,606	SH	SOLE	1	36,606	0	0
WESCO INTERNATIONAL INC	COM	95082P105	2,566	24,955	SH	SOLE	1	24,955	0	0
WEST BANCORPORATION	COM	95123P106	250	9,009	SH	SOLE	1	9,009	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	8,445	23,518	SH	SOLE	1	23,518	0	0
WESTAMERICA BANCORPORATION	COM	957090103	986	16,990	SH	SOLE	1	16,990	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	160	1,718	SH	SOLE	1	1,718	0	0
WESTERN DIGITAL CORP	COM	958102105	8,144	114,430	SH	SOLE	1	114,430	0	0
WESTERN UNION CO	COM	959802109	4,601	200,324	SH	SOLE	1	200,324	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	42	471	SH	SOLE	1	471	0	0
WESTROCK CO	COM	96145D105	5,407	101,606	SH	SOLE	1	101,606	0	0
WEX INC	COM	96208T104	15,461	79,738	SH	SOLE	1	79,738	0	0
WEYERHAEUSER CO	COM	962166104	9,085	263,944	SH	SOLE	1	263,944	0	0
WHIRLPOOL CORP	COM	963320106	4,162	19,088	SH	SOLE	1	19,088	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	44	38	SH	SOLE	1	38	0	0
WHITESTONE REIT	COM	966084204	215	26,002	SH	SOLE	1	26,002	0	0
WHITING PETROLEUM CORP	COM	966387508	1,204	22,074	SH	SOLE	1	22,074	0	0
WHOLE EARTH BRANDS INC	CL A	96684W100	304	20,941	SH	SOLE	1	20,941	0	0
WIDOPENWEST INC	COM	96758W101	608	29,374	SH	SOLE	1	29,374	0	0
WILEY (JOHN) & SONS CLASS A	COM	968223206	6,077	100,986	SH	SOLE	1	100,986	0	0
WILLDAN GROUP INC	COM	96924N100	231	6,128	SH	SOLE	1	6,128	0	0
WILLIAMS COS INC	COM	969457100	11,919	448,927	SH	SOLE	1	448,927	0	0
WILLIAMS SONOMA INC	COM	969904101	21,685	135,829	SH	SOLE	1	135,829	0	0

WILLIS LEASE FINANCE CORP	COM	970646105	66	1,536	SH	SOLE	1	1,536	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	9,880	42,954	SH	SOLE	1	42,954	0	0
WILLSCOT MOBILE MINI HOLDING	COM CL A	971378104	2,919	104,726	SH	SOLE	1	104,726	0	0
WINGSTOP INC	COM	974155103	10,905	69,182	SH	SOLE	1	69,182	0	0
WINMARK CORP	COM	974250102	380	1,977	SH	SOLE	1	1,977	0	0
WINNEBAGO INDUSTRIES	COM	974637100	1,435	21,120	SH	SOLE	1	21,120	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	7,663	101,324	SH	SOLE	1	101,324	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	544	87,790	SH	SOLE	1	87,790	0	0
WIX.COM LTD	COM	M98068105	2,806	9,666	SH	SOLE	1	9,666	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	1,781	52,949	SH	SOLE	1	52,949	0	0
WOODWARD INC	COM	980745103	12,797	104,141	SH	SOLE	1	104,141	0	0
WORKDAY INC CLASS A	COM	98138H101	2,832	11,862	SH	SOLE	1	11,862	0	0
WORKHORSE GROUP INC	COM	98138J206	1,149	69,257	SH	SOLE	1	69,257	0	0
WORKIVA INC	COM	98139A105	2,622	23,548	SH	SOLE	1	23,548	0	0
WORLD ACCEPTANCE CORP	COM	981419104	451	2,814	SH	SOLE	1	2,814	0	0
WORLD FUEL SERVICES CORP	COM	981475106	4,649	146,502	SH	SOLE	1	146,502	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	4,673	80,729	SH	SOLE	1	80,729	0	0
WORTHINGTON INDUSTRIES	COM	981811102	5,769	94,302	SH	SOLE	1	94,302	0	0
WP CAREY INC	COM	92936U109	165	2,206	SH	SOLE	1	2,206	0	0
WR BERKLEY CORP	COM	084423102	3,180	42,724	SH	SOLE	1	42,724	0	0
WR GRACE & CO	COM	38388F108	82	1,189	SH	SOLE	1	1,189	0	0
WSFS FINANCIAL CORP	COM	929328102	1,425	30,577	SH	SOLE	1	30,577	0	0
WW GRAINGER INC	COM	384802104	6,068	13,854	SH	SOLE	1	13,854	0	0
WW INTERNATIONAL INC	COM	98262P101	4,125	114,127	SH	SOLE	1	114,127	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	12,029	166,397	SH	SOLE	1	166,397	0	0
WYNN RESORTS LTD	COM	983134107	4,039	33,025	SH	SOLE	1	33,025	0	0
XBIOTECH INC	COM	98400H102	139	8,422	SH	SOLE	1	8,422	0	0
XCEL ENERGY INC	COM	98389B100	16,756	254,335	SH	SOLE	1	254,335	0	0
XENCOR INC	COM	98401F105	1,271	36,862	SH	SOLE	1	36,862	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	1,386	73,990	SH	SOLE	1	73,990	0	0
XEROX HOLDINGS CORP	COM	98421M106	6,726	286,326	SH	SOLE	1	286,326	0	0
XILINX INC	COM	983919101	13,563	93,772	SH	SOLE	1	93,772	0	0
XL FLEET CORP	CL A	9837FR100	179	21,490	SH	SOLE	1	21,490	0	0
XOMA CORP	COM	98419J206	115	3,375	SH	SOLE	1	3,375	0	0
XPEL INC	COM	98379L100	844	10,061	SH	SOLE	1	10,061	0	0
XPENG INC ADR	ADS	98422D105	102	2,300	SH	SOLE	1	2,300	0	0
XPERI HOLDING CORP	COM	98390M103	1,516	68,159	SH	SOLE	1	68,159	0	0
XPO LOGISTICS INC	COM	983793100	25,342	181,154	SH	SOLE	1	181,154	0	0
XYLEM INC	COM	98419M100	6,759	56,343	SH	SOLE	1	56,343	0	0
Y MABS THERAPEUTICS INC	COM	984241109	662	19,582	SH	SOLE	1	19,582	0	0
YANDEX NV A	CL A	N97284108	297	4,192	SH	SOLE	1	4,192	0	0
YELLOW CORP	COM	985510106	184	28,212	SH	SOLE	1	28,212	0	0
YELP INC	COM	985817105	6,559	164,142	SH	SOLE	1	164,142	0	0
YETI HOLDINGS INC	COM	98585X104	12,318	134,152	SH	SOLE	1	134,152	0	0
YEXT INC	COM	98585N106	889	62,242	SH	SOLE	1	62,242	0	0
YORK WATER CO	COM	987184108	331	7,298	SH	SOLE	1	7,298	0	0

YUM BRANDS INC	COM	988498101	10,553	91,742	SH	SOLE	1	91,742	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	734	11,080	SH	SOLE	1	11,080	0	0
ZAI LAB LTD ADR	ADR	98887Q104	169	953	SH	SOLE	1	953	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	8,987	16,973	SH	SOLE	1	16,973	0	0
ZENDESK INC	COM	98936J101	359	2,486	SH	SOLE	1	2,486	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	991	18,630	SH	SOLE	1	18,630	0	0
ZILLOW GROUP INC A	COM	98954M101	154	1,255	SH	SOLE	1	1,255	0	0
ZILLOW GROUP INC C	COM	98954M200	423	3,465	SH	SOLE	1	3,465	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	10,229	63,607	SH	SOLE	1	63,607	0	0
ZIONS BANCORP NA	COM	989701107	2,640	49,945	SH	SOLE	1	49,945	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	310	117,455	SH	SOLE	1	117,455	0	0
ZIX CORP	COM	98974P100	211	29,982	SH	SOLE	1	29,982	0	0
ZOETIS INC	COM	98978V103	32,880	176,431	SH	SOLE	1	176,431	0	0
ZOGENIX INC	COM	98978L204	543	31,425	SH	SOLE	1	31,425	0	0
ZOOM VIDEO COMMUNICATIONS A	CL A	98980L101	5,739	14,829	SH	SOLE	1	14,829	0	0
ZSCALER INC	COM	98980G102	353	1,634	SH	SOLE	1	1,634	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	168	5,548	SH	SOLE	1	5,548	0	0
ZUMIEZ INC	COM	989817101	691	14,113	SH	SOLE	1	14,113	0	0
ZUORA INC CLASS A	COM	98983V106	1,014	58,795	SH	SOLE	1	58,795	0	0
ZYMERGEN INC	COM	98985X100	420	10,490	SH	SOLE	1	10,490	0	0
ZYNEX INC	COM	98986M103	196	12,642	SH	SOLE	1	12,642	0	0
ZYNKA INC CL A	CL A	98986T108	176	16,589	SH	SOLE	1	16,589	0	0