

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 NAME OF ISSUER	COLUMN 2 TITLE OF CLASS	COLUMN 3 CUSIP	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
			VALUE (x\$1000)	SHRS OR PRN AMT	SH/	PUT/	INVESTMENT	OTHER	MANAGER	SOLE	SHARED
1 800 FLOWERS.COM INC CL A	CL A	68243Q106	120	12,593	SH		SOLE	1	12,593	0	0
10X GENOMICS INC CLASS A	CL A	88025U109	62	1,371	SH		SOLE	1	1,371	0	0
1LIFE HEALTHCARE INC	COM	68269G107	662	84,405	SH		SOLE	1	84,405	0	0
1ST SOURCE CORP	COM	336901103	343	7,548	SH		SOLE	1	7,548	0	0
1STDIBS.COM INC	COM	320551104	62	10,929	SH		SOLE	1	10,929	0	0
22ND CENTURY GROUP INC	COM	90137F103	161	75,766	SH		SOLE	1	75,766	0	0
23ANDME HOLDING CO CLASS A	CL A	90138Q108	200	80,461	SH		SOLE	1	80,461	0	0
2SEVENTY BIO INC	COM	901384107	231	17,499	SH		SOLE	1	17,499	0	0
2U INC	COM	90214J101	366	34,952	SH		SOLE	1	34,952	0	0
360 DIGITECH INC	ADR	88557W101	18	1,035	SH		SOLE	1	1,035	0	0
3D SYSTEMS CORP	COM	88554D205	669	68,922	SH		SOLE	1	68,922	0	0
3M CO	COM	88579Y101	19,754	152,648	SH		SOLE	1	152,648	0	0
4D MOLECULAR THERAPEUTICS IN	COM	35104E100	98	14,045	SH		SOLE	1	14,045	0	0
5E ADVANCED MATERIALS INC	COM	33830Q109	184	15,119	SH		SOLE	1	15,119	0	0
8X8 INC	COM	282914100	310	60,203	SH		SOLE	1	60,203	0	0
908 DEVICES INC	COM	65443P102	211	10,235	SH		SOLE	1	10,235	0	0
A MARK PRECIOUS METALS INC	COM	00181T107	273	8,467	SH		SOLE	1	8,467	0	0
A10 NETWORKS INC	COM	002121101	506	35,157	SH		SOLE	1	35,157	0	0
AADI BIOSCIENCE INC	COM	00032Q104	83	6,777	SH		SOLE	1	6,777	0	0
AAON INC	COM	000360206	1,294	23,622	SH		SOLE	1	23,622	0	0
AAR CORP	COM	000361105	764	18,269	SH		SOLE	1	18,269	0	0
AARON S CO INC/THE	COM	00258W108	239	16,443	SH		SOLE	1	16,443	0	0
ABBOTT LABORATORIES	COM	002824100	52,174	480,198	SH		SOLE	1	480,198	0	0
ABBVIE INC	COM	00287Y109	74,258	484,837	SH		SOLE	1	484,837	0	0
ABCELLERA BIOLOGICS INC	COM	00288U106	1,032	96,930	SH		SOLE	1	96,930	0	0
ABERCROMBIE FITCH CO CL A	CL A	002896207	456	26,949	SH		SOLE	1	26,949	0	0
ABIOMED INC	COM	003654100	3,268	13,204	SH		SOLE	1	13,204	0	0
ABM INDUSTRIES INC	COM	000957100	1,577	36,317	SH		SOLE	1	36,317	0	0
ABSCI CORP	COM	00091E109	82	24,654	SH		SOLE	1	24,654	0	0
ACADEMY SPORTS OUTDOORS IN	COM	00402L107	1,619	45,563	SH		SOLE	1	45,563	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	10,114	149,553	SH		SOLE	1	149,553	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	793	56,272	SH		SOLE	1	56,272	0	0

ACADIA REALTY TRUST	COM SH BEN INT	004239109	790	50,603	SH	SOLE	1	50,603	0	0
ACCEL ENTERTAINMENT INC	CL A1	00436Q106	292	27,499	SH	SOLE	1	27,499	0	0
ACCENTURE PLC CL A	SHS CL A	G1151C101	48,331	174,071	SH	SOLE	1	174,071	0	0
ACCO BRANDS CORP	COM	00081T108	289	44,308	SH	SOLE	1	44,308	0	0
ACCOLADE INC	COM	00437E102	202	27,333	SH	SOLE	1	27,333	0	0
ACI WORLDWIDE INC	COM	004498101	6,267	242,063	SH	SOLE	1	242,063	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	391	28,001	SH	SOLE	1	28,001	0	0
ACM RESEARCH INC CLASS A	CL A	00108J109	378	22,442	SH	SOLE	1	22,442	0	0
ACNB CORP	COM	000868109	117	3,955	SH	SOLE	1	3,955	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	20,049	257,507	SH	SOLE	1	257,507	0	0
ACUITY BRANDS INC	COM	00508Y102	8,801	57,132	SH	SOLE	1	57,132	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	668	16,031	SH	SOLE	1	16,031	0	0
ACV AUCTIONS INC A	CL A	00091G104	345	52,780	SH	SOLE	1	52,780	0	0
ADAGIO THERAPEUTICS INC	COM	00534A102	79	24,027	SH	SOLE	1	24,027	0	0
ADAPTHEALTH CORP	CL A	00653Q102	610	33,806	SH	SOLE	1	33,806	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	422	52,183	SH	SOLE	1	52,183	0	0
ADDUS HOMECARE CORP	COM	006739106	701	8,419	SH	SOLE	1	8,419	0	0
ADICET BIO INC	COM	007002108	193	13,246	SH	SOLE	1	13,246	0	0
ADIENT PLC	COM	G0084W101	5,929	200,093	SH	SOLE	1	200,093	0	0
ADMA BIOLOGICS INC	COM	000899104	172	86,987	SH	SOLE	1	86,987	0	0
ADOBE INC	COM	00724F101	66,425	181,460	SH	SOLE	1	181,460	0	0
ADT INC	COM	00090Q103	13	2,187	SH	SOLE	1	2,187	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	875	24,333	SH	SOLE	1	24,333	0	0
ADTHEORENT HOLDINGS CO INC	COM	00739D109	23	7,506	SH	SOLE	1	7,506	0	0
ADTRAN INC	COM	00738A106	464	26,467	SH	SOLE	1	26,467	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	3,009	17,385	SH	SOLE	1	17,385	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	86	958	SH	SOLE	1	958	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,486	20,359	SH	SOLE	1	20,359	0	0
ADVANCED MICRO DEVICES	COM	007903107	46,662	610,198	SH	SOLE	1	610,198	0	0
ADVANSIX INC	COM	00773T101	495	14,812	SH	SOLE	1	14,812	0	0
ADVANTAGE SOLUTIONS INC	CL A	00791N102	147	38,624	SH	SOLE	1	38,624	0	0
AECOM	COM	00766T100	15,228	233,484	SH	SOLE	1	233,484	0	0
AEMETIS INC	COM	00770K202	67	13,625	SH	SOLE	1	13,625	0	0
AERCAP HOLDINGS NV	NV SHS	N00985106	814	19,886	SH	SOLE	1	19,886	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	164	21,923	SH	SOLE	1	21,923	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	1,733	42,673	SH	SOLE	1	42,673	0	0
AEROVATE THERAPEUTICS INC	COM	008064107	67	4,297	SH	SOLE	1	4,297	0	0
AEROVIRONMENT INC	COM	008073108	1,034	12,583	SH	SOLE	1	12,583	0	0
AERSALE CORP	COM	00810F106	108	7,435	SH	SOLE	1	7,435	0	0
AES CORP	COM	00130H105	3,924	186,752	SH	SOLE	1	186,752	0	0
AEVA TECHNOLOGIES INC	COM	00835Q103	142	45,348	SH	SOLE	1	45,348	0	0
AEYE INC	CL A	008183105	24	12,364	SH	SOLE	1	12,364	0	0

AFC GAMMA INC	COM	00109K105	113	7,401	SH	SOLE	1	7,401	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	7,450	63,896	SH	SOLE	1	63,896	0	0
AFFIMED NV	COM	N01045108	184	66,559	SH	SOLE	1	66,559	0	0
AFFIRM HOLDINGS INC	CL A	00827B106	33	1,837	SH	SOLE	1	1,837	0	0
AFLAC INC	COM	001055102	11,897	215,023	SH	SOLE	1	215,023	0	0
AGCO CORP	COM	001084102	9,973	101,045	SH	SOLE	1	101,045	0	0
AGENUS INC	COM	00847G705	245	126,421	SH	SOLE	1	126,421	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	11,808	99,421	SH	SOLE	1	99,421	0	0
AGILITI INC	COM	00848J104	263	12,845	SH	SOLE	1	12,845	0	0
AGILON HEALTH INC	COM	00857U107	62	2,858	SH	SOLE	1	2,858	0	0
AGILYSYS INC	COM	00847J105	501	10,598	SH	SOLE	1	10,598	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	566	25,544	SH	SOLE	1	25,544	0	0
AGNC INVESTMENT CORP	COM	00123Q104	60	5,465	SH	SOLE	1	5,465	0	0
AGREE REALTY CORP	COM	008492100	2,908	40,321	SH	SOLE	1	40,321	0	0
AIR LEASE CORP	COM	00912X302	36	1,087	SH	SOLE	1	1,087	0	0
AIR PRODUCTS CHEMICALS INC	COM	009158106	16,874	70,168	SH	SOLE	1	70,168	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	794	27,650	SH	SOLE	1	27,650	0	0
AIRBNB INC CLASS A	CL A	009066101	2,080	23,355	SH	SOLE	1	23,355	0	0
AIRSCULPT TECHNOLOGIES INC	COM	009496100	34	5,793	SH	SOLE	1	5,793	0	0
AKA BRANDS HOLDING CORP	COM	00152K101	14	5,234	SH	SOLE	1	5,234	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	4,618	50,563	SH	SOLE	1	50,563	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	124	13,110	SH	SOLE	1	13,110	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	90	24,325	SH	SOLE	1	24,325	0	0
AKOYA BIOSCIENCES INC	COM	00974H104	95	7,381	SH	SOLE	1	7,381	0	0
ALAMO GROUP INC	COM	011311107	634	5,442	SH	SOLE	1	5,442	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,603	25,912	SH	SOLE	1	25,912	0	0
ALASKA AIR GROUP INC	COM	011659109	1,406	35,118	SH	SOLE	1	35,118	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,348	17,107	SH	SOLE	1	17,107	0	0
ALBEMARLE CORP	COM	012653101	7,075	33,853	SH	SOLE	1	33,853	0	0
ALBERTSONS COS INC CLASS A	COM	013091103	45	1,680	SH	SOLE	1	1,680	0	0
ALBIREO PHARMA INC	COM	01345P106	160	8,055	SH	SOLE	1	8,055	0	0
ALCOA CORP	COM	013872106	13,890	304,744	SH	SOLE	1	304,744	0	0
ALECTOR INC	COM	014442107	296	29,107	SH	SOLE	1	29,107	0	0
ALERUS FINANCIAL CORP	COM	01446U103	169	7,095	SH	SOLE	1	7,095	0	0
ALEXANDER BALDWIN INC	COM	014491104	705	39,268	SH	SOLE	1	39,268	0	0
ALEXANDER S INC	COM	014752109	222	1,001	SH	SOLE	1	1,001	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	6,024	41,537	SH	SOLE	1	41,537	0	0
ALICO INC	COM	016230104	105	2,934	SH	SOLE	1	2,934	0	0
ALIGHT INC CLASS A	CL A	01626W101	1,073	158,930	SH	SOLE	1	158,930	0	0
ALIGN TECHNOLOGY INC	COM	016255101	6,536	27,616	SH	SOLE	1	27,616	0	0
ALIGNMENT HEALTHCARE INC	COM	01625V104	451	39,483	SH	SOLE	1	39,483	0	0
ALKAMI TECHNOLOGY	COM	01644J108	233	16,787	SH	SOLE	1	16,787	0	0

INC										
ALKERMES PLC	COM	G01767105	2,274	76,318	SH	SOLE	1	76,318	0	0
ALLBIRDS INC CL A	CL A	01675A109	174	44,170	SH	SOLE	1	44,170	0	0
ALLEGHANY CORP	COM	017175100	18,526	22,237	SH	SOLE	1	22,237	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	396	10,479	SH	SOLE	1	10,479	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	947	8,378	SH	SOLE	1	8,378	0	0
ALLEGION PLC	COM	G0176J109	2,431	24,829	SH	SOLE	1	24,829	0	0
ALLEGRO MICROSYSTEMS INC	COM	01749D105	15	745	SH	SOLE	1	745	0	0
ALLETE INC	COM	018522300	7,077	120,392	SH	SOLE	1	120,392	0	0
ALLIANT ENERGY CORP	COM	018802108	5,093	86,890	SH	SOLE	1	86,890	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	139	6,067	SH	SOLE	1	6,067	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	54	1,405	SH	SOLE	1	1,405	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	425	37,301	SH	SOLE	1	37,301	0	0
ALLOVIR INC	COM	019818103	57	14,537	SH	SOLE	1	14,537	0	0
ALLOVIR INC	COM	019818103	4,403	1,128,888	SH	SOLE	2	1,128,888	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	918	61,887	SH	SOLE	1	61,887	0	0
ALLSTATE CORP	COM	020002101	11,897	93,878	SH	SOLE	1	93,878	0	0
ALLY FINANCIAL INC	COM	02005N100	113	3,377	SH	SOLE	1	3,377	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	275	1,885	SH	SOLE	1	1,885	0	0
ALPHA OMEGA SEMICONDUCTOR	COM	G6331P104	397	11,904	SH	SOLE	1	11,904	0	0
ALPHA METALLURGICAL RESOURCE	COM	020764106	1,081	8,372	SH	SOLE	1	8,372	0	0
ALPHA TEKNOVA INC	COM	02080L102	25	2,941	SH	SOLE	1	2,941	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	207,383	95,162	SH	SOLE	1	95,162	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	193,896	88,640	SH	SOLE	1	88,640	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	216	32,986	SH	SOLE	1	32,986	0	0
ALPINE IMMUNE SCIENCES INC	COM	02083G100	62	7,310	SH	SOLE	1	7,310	0	0
ALTA EQUIPMENT GROUP INC	COM	02128L106	88	9,821	SH	SOLE	1	9,821	0	0
ALTAIR ENGINEERING INC A	COM	021369103	1,277	24,328	SH	SOLE	1	24,328	0	0
ALTERYX INC CLASS A	COM	02156B103	45	926	SH	SOLE	1	926	0	0
ALTICE USA INC A	COM	02156K103	20	2,189	SH	SOLE	1	2,189	0	0
ALTO INGREDIENTS INC	COM	021513106	125	33,810	SH	SOLE	1	33,810	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	1,073	30,431	SH	SOLE	1	30,431	0	0
ALTRIA GROUP INC	COM	02209S103	20,287	485,674	SH	SOLE	1	485,674	0	0
ALTUS POWER INC	CL A	02217A102	124	19,608	SH	SOLE	1	19,608	0	0
ALX ONCOLOGY HOLDINGS INC	COM	00166B105	81	10,040	SH	SOLE	1	10,040	0	0
AMALGAMATED FINANCIAL CORP	COM	022671101	130	6,590	SH	SOLE	1	6,590	0	0
AMAZON.COM INC	COM	023135106	299,618	2,821,000	SH	SOLE	1	2,821,000	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	281	24,772	SH	SOLE	1	24,772	0	0
AMBARELLA INC	COM	G037AX101	1,116	17,052	SH	SOLE	1	17,052	0	0
AMC ENTERTAINMENT HLDS CL A	CL A COM	00165C104	73	5,408	SH	SOLE	1	5,408	0	0
AMC NETWORKS INC A	COM	00164V103	476	16,362	SH	SOLE	1	16,362	0	0

AMCOR PLC	COM	G0250X107	5,409	435,167	SH	SOLE	1	435,167	0	0
AMDOCS LTD	COM	G02602103	107	1,282	SH	SOLE	1	1,282	0	0
AMEDISYS INC	COM	023436108	5,657	53,812	SH	SOLE	1	53,812	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	168	4,857	SH	SOLE	1	4,857	0	0
AMERANT BANCORP INC	COM	023576101	370	13,142	SH	SOLE	1	13,142	0	0
AMERCO	COM	023586100	45	94	SH	SOLE	1	94	0	0
AMEREN CORPORATION	COM	023608102	6,502	71,962	SH	SOLE	1	71,962	0	0
AMERESCO INC CL A	CL A	02361E108	678	14,887	SH	SOLE	1	14,887	0	0
AMERICA S CAR MART INC	COM	03062T105	325	3,228	SH	SOLE	1	3,228	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	2,295	180,986	SH	SOLE	1	180,986	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	802	26,999	SH	SOLE	1	26,999	0	0
AMERICAN AXLE MFG HOLDINGS	COM	024061103	462	61,347	SH	SOLE	1	61,347	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	14,857	230,442	SH	SOLE	1	230,442	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	3,634	325,051	SH	SOLE	1	325,051	0	0
AMERICAN ELECTRIC POWER	COM	025537101	16,226	169,131	SH	SOLE	1	169,131	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,542	42,171	SH	SOLE	1	42,171	0	0
AMERICAN EXPRESS CO	COM	025816109	27,483	198,258	SH	SOLE	1	198,258	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	15,225	109,681	SH	SOLE	1	109,681	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	112	3,174	SH	SOLE	1	3,174	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	10,865	212,501	SH	SOLE	1	212,501	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	164	10,157	SH	SOLE	1	10,157	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	10	699	SH	SOLE	1	699	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	237	14,650	SH	SOLE	1	14,650	0	0
AMERICAN STATES WATER CO	COM	029899101	1,631	20,005	SH	SOLE	1	20,005	0	0
AMERICAN TOWER CORP	COM	03027X100	37,214	145,600	SH	SOLE	1	145,600	0	0
AMERICAN VANGUARD CORP	COM	030371108	350	15,642	SH	SOLE	1	15,642	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	8,557	57,521	SH	SOLE	1	57,521	0	0
AMERICAN WELL CORP CLASS A	CL A	03044L105	464	107,367	SH	SOLE	1	107,367	0	0
AMERICAN WOODMARK CORP	COM	030506109	403	8,955	SH	SOLE	1	8,955	0	0
AMERICOLD REALTY TRUST INC	COM	03064D108	84	2,812	SH	SOLE	1	2,812	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	7,547	31,751	SH	SOLE	1	31,751	0	0
AMERIS BANCORP	COM	03076K108	1,440	35,846	SH	SOLE	1	35,846	0	0
AMERISAFE INC	COM	03071H100	539	10,370	SH	SOLE	1	10,370	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	6,053	42,785	SH	SOLE	1	42,785	0	0
AMETEK INC	COM	031100100	7,891	71,804	SH	SOLE	1	71,804	0	0
AMGEN INC	COM	031162100	49,031	201,525	SH	SOLE	1	201,525	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,386	129,079	SH	SOLE	1	129,079	0	0
AMKOR TECHNOLOGY	COM	031652100	3,598	212,270	SH	SOLE	1	212,270	0	0

INC											
AMMO INC	COM	00175J107	157	40,898	SH	SOLE	1	40,898	0	0	
AMN HEALTHCARE SERVICES INC	COM	001744101	2,658	24,232	SH	SOLE	1	24,232	0	0	
AMNEAL PHARMACEUTICALS INC	COM	03168L105	153	48,203	SH	SOLE	1	48,203	0	0	
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	720	20,698	SH	SOLE	1	20,698	0	0	
AMPHENOL CORP CL A	CL A	032095101	11,799	183,267	SH	SOLE	1	183,267	0	0	
AMPLIFY ENERGY CORP	COM	03212B103	109	16,696	SH	SOLE	1	16,696	0	0	
AMPLITUDE INC CLASS A	CL A	03213A104	374	26,173	SH	SOLE	1	26,173	0	0	
AMYLYX PHARMACEUTICALS INC	COM	03237H101	103	5,368	SH	SOLE	1	5,368	0	0	
AMYRIS INC	COM	03236M200	170	92,152	SH	SOLE	1	92,152	0	0	
AN2 THERAPEUTICS INC	COM	037326105	17	2,171	SH	SOLE	1	2,171	0	0	
ANALOG DEVICES INC	COM	032654105	27,784	190,184	SH	SOLE	1	190,184	0	0	
ANAPTYSBIO INC	COM	032724106	193	9,485	SH	SOLE	1	9,485	0	0	
ANAVEX LIFE SCIENCES CORP	COM	032797300	320	31,940	SH	SOLE	1	31,940	0	0	
ANDERSONS INC/THE	COM	034164103	571	17,315	SH	SOLE	1	17,315	0	0	
ANGEL OAK MORTGAGE INC	COM	03464Y108	72	5,583	SH	SOLE	1	5,583	0	0	
ANGIODYNAMICS INC	COM	03475V101	392	20,279	SH	SOLE	1	20,279	0	0	
ANI PHARMACEUTICALS INC	COM	00182C103	204	6,866	SH	SOLE	1	6,866	0	0	
ANIKA THERAPEUTICS INC	COM	035255108	176	7,895	SH	SOLE	1	7,895	0	0	
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	96	16,305	SH	SOLE	1	16,305	0	0	
ANSYS INC	COM	03662Q105	8,095	33,829	SH	SOLE	1	33,829	0	0	
ANTERIX INC	COM	03676C100	233	5,682	SH	SOLE	1	5,682	0	0	
ANTERO MIDSTREAM CORP	COM	03676B102	4,866	537,634	SH	SOLE	1	537,634	0	0	
ANTERO RESOURCES CORP	COM	03674X106	124	4,061	SH	SOLE	1	4,061	0	0	
ANYWHERE REAL ESTATE INC	COM	75605Y106	619	62,949	SH	SOLE	1	62,949	0	0	
AON PLC CLASS A	CL A	G0403H108	18,093	67,089	SH	SOLE	1	67,089	0	0	
APA CORP	COM	03743Q108	3,363	96,365	SH	SOLE	1	96,365	0	0	
APARTMENT INCOME REIT CO	COM	03750L109	10,800	259,617	SH	SOLE	1	259,617	0	0	
APARTMENT INVT MGMT CO A	COM	03748R747	449	70,109	SH	SOLE	1	70,109	0	0	
APELLIS PHARMACEUTICALS INC	COM	03753U106	1,924	42,558	SH	SOLE	1	42,558	0	0	
API GROUP CORP	COM	00187Y100	1,450	96,854	SH	SOLE	1	96,854	0	0	
APOGEE ENTERPRISES INC	COM	037598109	472	12,038	SH	SOLE	1	12,038	0	0	
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	789	75,611	SH	SOLE	1	75,611	0	0	
APOLLO GLOBAL MANAGEMENT INC	COM	03769M106	320	6,609	SH	SOLE	1	6,609	0	0	
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	812	21,032	SH	SOLE	1	21,032	0	0	
APPFOLIO INC A	COM	03783C100	808	8,918	SH	SOLE	1	8,918	0	0	
APPHARVEST INC	COM	03783T103	117	33,421	SH	SOLE	1	33,421	0	0	
APPIAN CORP	COM	03782L101	888	18,740	SH	SOLE	1	18,740	0	0	
APPLE HOSPITALITY REIT INC	COM	03784Y200	1,477	100,714	SH	SOLE	1	100,714	0	0	

APPLE INC	COM	037833100	669,221	4,894,831	SH	SOLE	1	4,894,831	0	0
APPLIED BLOCKCHAIN INC	COM	038169207	4	3,776	SH	SOLE	1	3,776	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	1,996	20,755	SH	SOLE	1	20,755	0	0
APPLIED MATERIALS INC	COM	038222105	30,409	334,234	SH	SOLE	1	334,234	0	0
APPLOVIN CORP CLASS A	CL A	03831W108	121	3,512	SH	SOLE	1	3,512	0	0
APTARGROUP INC	COM	038336103	11,182	108,338	SH	SOLE	1	108,338	0	0
APTIV PLC	COM	G6095L109	8,639	96,991	SH	SOLE	1	96,991	0	0
ARAMARK	COM	03852U106	74	2,426	SH	SOLE	1	2,426	0	0
ARBOR REALTY TRUST INC	COM	038923108	953	72,724	SH	SOLE	1	72,724	0	0
ARBUTUS BIOPHARMA CORP	COM	03879J100	137	50,544	SH	SOLE	1	50,544	0	0
ARCBEST CORP	COM	03937C105	933	13,253	SH	SOLE	1	13,253	0	0
ARCELLX INC	COM	03940C100	83	4,601	SH	SOLE	1	4,601	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	199	4,375	SH	SOLE	1	4,375	0	0
ARCH RESOURCES INC	CL A	03940R107	1,021	7,132	SH	SOLE	1	7,132	0	0
ARCHAEA ENERGY INC	CL A	03940F103	433	27,891	SH	SOLE	1	27,891	0	0
ARCHER AVIATION INC A	CL A	03945R102	179	58,275	SH	SOLE	1	58,275	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	11,713	150,944	SH	SOLE	1	150,944	0	0
ARCHROCK INC	COM	03957W106	606	73,325	SH	SOLE	1	73,325	0	0
ARCONIC CORP	COM	03966V107	1,608	57,328	SH	SOLE	1	57,328	0	0
ARCOSA INC	COM	039653100	1,218	26,241	SH	SOLE	1	26,241	0	0
ARCTURUS THERAPEUTICS HOLDIN	COM	03969T109	170	10,817	SH	SOLE	1	10,817	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	696	27,477	SH	SOLE	1	27,477	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	349	16,394	SH	SOLE	1	16,394	0	0
ARDAGH METAL PACKAGING SA	CL A	L02235106	11	1,811	SH	SOLE	1	1,811	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	114	16,316	SH	SOLE	1	16,316	0	0
ARENA GROUP HOLDINGS INC/THE	COM	040044109	48	5,307	SH	SOLE	1	5,307	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	256	20,939	SH	SOLE	1	20,939	0	0
ARES MANAGEMENT CORP A	COM	03990B101	135	2,368	SH	SOLE	1	2,368	0	0
ARGAN INC	COM	04010E109	245	6,558	SH	SOLE	1	6,558	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	548	14,867	SH	SOLE	1	14,867	0	0
ARIS WATER SOLUTION INC A	CL A	04041L106	172	10,306	SH	SOLE	1	10,306	0	0
ARISTA NETWORKS INC	COM	040413106	6,263	66,808	SH	SOLE	1	66,808	0	0
ARKO CORP	COM	041242108	324	39,755	SH	SOLE	1	39,755	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	290	46,214	SH	SOLE	1	46,214	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	467	36,407	SH	SOLE	1	36,407	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	392	55,687	SH	SOLE	1	55,687	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	47	626	SH	SOLE	1	626	0	0
ARRAY TECHNOLOGIES INC	COM	04271T100	777	70,576	SH	SOLE	1	70,576	0	0
ARROW ELECTRONICS INC	COM	042735100	12,231	109,120	SH	SOLE	1	109,120	0	0

ARROW FINANCIAL CORP	COM	042744102	205	6,440	SH	SOLE	1	6,440	0	0
ARROWHEAD PHARMACEUTICALS INC	COM	04280A100	7,808	221,769	SH	SOLE	1	221,769	0	0
ARTERIS INC	COM	04302A104	55	7,921	SH	SOLE	1	7,921	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	189	3,846	SH	SOLE	1	3,846	0	0
ARTHUR J GALLAGHER CO	COM	363576109	9,733	59,696	SH	SOLE	1	59,696	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	1,001	28,132	SH	SOLE	1	28,132	0	0
ARTIVION INC	COM	228903100	400	21,193	SH	SOLE	1	21,193	0	0
ARVINAS INC	COM	04335A105	958	22,767	SH	SOLE	1	22,767	0	0
ASANA INC CL A	CL A	04342Y104	606	34,472	SH	SOLE	1	34,472	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	2,032	12,002	SH	SOLE	1	12,002	0	0
ASGN INC	COM	00191U102	9,691	107,381	SH	SOLE	1	107,381	0	0
ASHFORD HOSPITALITY TRUST	COM	044103869	96	16,102	SH	SOLE	1	16,102	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	8,635	83,793	SH	SOLE	1	83,793	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	2,491	5,234	SH	SOLE	1	5,234	0	0
ASPEN AEROGELS INC	COM	04523Y105	127	12,818	SH	SOLE	1	12,818	0	0
ASPEN TECHNOLOGY INC	COM	29109X106	8,523	46,401	SH	SOLE	1	46,401	0	0
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	189	10,087	SH	SOLE	1	10,087	0	0
ASSOCIATED BANC CORP	COM	045487105	5,774	316,185	SH	SOLE	1	316,185	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	29	802	SH	SOLE	1	802	0	0
ASSURANT INC	COM	04621X108	2,608	15,089	SH	SOLE	1	15,089	0	0
ASSURED GUARANTY LTD	COM	G0585R106	300	5,371	SH	SOLE	1	5,371	0	0
ASTEC INDUSTRIES INC	COM	046224101	504	12,371	SH	SOLE	1	12,371	0	0
ASTRA SPACE INC	CL A	04634X103	88	67,349	SH	SOLE	1	67,349	0	0
ASTRAZENECA PLC SPONS ADR	SPON ADR	046353108	2,333	35,307	SH	SOLE	1	35,307	0	0
ASTRONICS CORP	COM	046433108	120	11,836	SH	SOLE	1	11,836	0	0
ATT INC	COM	00206R102	40,251	1,920,369	SH	SOLE	1	1,920,369	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	335	42,962	SH	SOLE	1	42,962	0	0
ATEA PHARMACEUTICALS INC	COM	04683R106	254	35,712	SH	SOLE	1	35,712	0	0
ATERIAN INC	COM	02156U101	62	28,505	SH	SOLE	1	28,505	0	0
ATHIRA PHARMA INC	COM	04746L104	49	15,913	SH	SOLE	1	15,913	0	0
ATI INC	COM	01741R102	1,527	67,257	SH	SOLE	1	67,257	0	0
ATI PHYSICAL THERAPY INC	CL A	00216W109	49	35,016	SH	SOLE	1	35,016	0	0
ATKORE INC	COM	047649108	1,671	20,133	SH	SOLE	1	20,133	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,189	35,059	SH	SOLE	1	35,059	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	71	2,016	SH	SOLE	1	2,016	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	928	15,044	SH	SOLE	1	15,044	0	0
ATLAS TECHNICAL CONSULTANTS	CL A	049430101	44	8,346	SH	SOLE	1	8,346	0	0
ATLASSIAN CORP PLC CLASS A	CL A	G06242104	1,637	8,736	SH	SOLE	1	8,736	0	0
ATMOS ENERGY CORP	COM	049560105	4,342	38,734	SH	SOLE	1	38,734	0	0
ATN INTERNATIONAL	COM	00215F107	278	5,920	SH	SOLE	1	5,920	0	0

INC											
ATOMERA INC	COM	04965B100	90	9,557	SH	SOLE	1	9,557	0	0	
ATRICURE INC	COM	04963C209	872	21,338	SH	SOLE	1	21,338	0	0	
ATRION CORPORATION	COM	049904105	405	644	SH	SOLE	1	644	0	0	
AUDACY INC	CL A	05070N103	53	55,869	SH	SOLE	1	55,869	0	0	
AURA BIOSCIENCES INC	COM	05153U107	122	8,577	SH	SOLE	1	8,577	0	0	
AURINIA PHARMACEUTICALS INC	COM	05156V102	631	62,786	SH	SOLE	1	62,786	0	0	
AUTODESK INC	COM	052769106	14,812	86,138	SH	SOLE	1	86,138	0	0	
AUTOHOME INC ADR	ADR	05278C107	30	772	SH	SOLE	1	772	0	0	
AUTOMATIC DATA PROCESSING	COM	053015103	34,699	165,202	SH	SOLE	1	165,202	0	0	
AUTONATION INC	COM	05329W102	6,574	58,825	SH	SOLE	1	58,825	0	0	
AUTOZONE INC	COM	053332102	12,968	6,034	SH	SOLE	1	6,034	0	0	
AVALARA INC	COM	05338G106	96	1,353	SH	SOLE	1	1,353	0	0	
AVALONBAY COMMUNITIES INC	COM	053484101	7,699	39,633	SH	SOLE	1	39,633	0	0	
AVANGRID INC	COM	05351W103	34	742	SH	SOLE	1	742	0	0	
AVANOS MEDICAL INC	COM	05350V106	699	25,550	SH	SOLE	1	25,550	0	0	
AVANTOR INC	COM	05352A100	289	9,300	SH	SOLE	1	9,300	0	0	
AVAYA HOLDINGS CORP	COM	05351X101	88	39,074	SH	SOLE	1	39,074	0	0	
AVEANNA HEALTHCARE HOLDINGS	COM	05356F105	47	20,840	SH	SOLE	1	20,840	0	0	
AVEPOINT INC	CL A	053604104	262	60,286	SH	SOLE	1	60,286	0	0	
AVERY DENNISON CORP	COM	053611109	3,804	23,503	SH	SOLE	1	23,503	0	0	
AVIAT NETWORKS INC	COM	05366Y201	129	5,168	SH	SOLE	1	5,168	0	0	
AVID BIOSERVICES INC	COM	05368M106	506	33,141	SH	SOLE	1	33,141	0	0	
AVID TECHNOLOGY INC	COM	05367P100	435	16,760	SH	SOLE	1	16,760	0	0	
AVIDITY BIOSCIENCES INC	COM	05370A108	332	22,883	SH	SOLE	1	22,883	0	0	
AVIDXCHANGE HOLDINGS INC	COM	05368X102	421	68,618	SH	SOLE	1	68,618	0	0	
AVIENT CORP	COM	05368V106	7,724	192,711	SH	SOLE	1	192,711	0	0	
AVIS BUDGET GROUP INC	COM	053774105	8,324	56,596	SH	SOLE	1	56,596	0	0	
AVISTA CORP	COM	05379B107	1,708	39,256	SH	SOLE	1	39,256	0	0	
AVNET INC	COM	053807103	6,920	161,384	SH	SOLE	1	161,384	0	0	
AXALTA COATING SYSTEMS LTD	COM	G0750C108	57	2,587	SH	SOLE	1	2,587	0	0	
AXCELIS TECHNOLOGIES INC	COM	054540208	972	17,731	SH	SOLE	1	17,731	0	0	
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	46	814	SH	SOLE	1	814	0	0	
AXOGEN INC	COM	05463X106	155	18,977	SH	SOLE	1	18,977	0	0	
AXON ENTERPRISE INC	COM	05464C101	10,953	117,557	SH	SOLE	1	117,557	0	0	
AXONICS INC	COM	05465P101	1,246	21,981	SH	SOLE	1	21,981	0	0	
AXOS FINANCIAL INC	COM	05465C100	1,104	30,790	SH	SOLE	1	30,790	0	0	
AXSOME THERAPEUTICS INC	COM	05464T104	515	13,441	SH	SOLE	1	13,441	0	0	
AXT INC	COM	00246W103	111	18,993	SH	SOLE	1	18,993	0	0	
AZEK CO INC/THE	CL A	05478C105	20	1,186	SH	SOLE	1	1,186	0	0	
AZENTA INC	COM	114340102	8,932	123,879	SH	SOLE	1	123,879	0	0	
AZZ INC	COM	002474104	543	13,309	SH	SOLE	1	13,309	0	0	
B. RILEY FINANCIAL INC	COM	05580M108	452	10,696	SH	SOLE	1	10,696	0	0	
BG FOODS INC	COM	05508R106	878	36,917	SH	SOLE	1	36,917	0	0	
BABCOCK WILCOX ENTERPR	COM	05614L209	168	27,878	SH	SOLE	1	27,878	0	0	
BABYLON HOLDINGS LTD CL A	CL A	G07031100	50	50,967	SH	SOLE	1	50,967	0	0	

BADGER METER INC	COM	056525108	1,283	15,856	SH	SOLE	1	15,856	0	0
BAIDU INC SPON ADR	ADR	056752108	1,964	13,204	SH	SOLE	1	13,204	0	0
BAKER HUGHES CO	COM	05722G100	7,613	263,685	SH	SOLE	1	263,685	0	0
BAKKT HOLDINGS INC	CL A	05759B107	56	26,605	SH	SOLE	1	26,605	0	0
BALCHEM CORP	COM	057665200	2,242	17,283	SH	SOLE	1	17,283	0	0
BALL CORP	COM	058498106	7,222	105,020	SH	SOLE	1	105,020	0	0
BALLY S CORP	COM	05875B106	369	18,659	SH	SOLE	1	18,659	0	0
BANC OF CALIFORNIA INC	COM	05990K106	522	29,644	SH	SOLE	1	29,644	0	0
BANCFIRST CORP	COM	05945F103	1,015	10,603	SH	SOLE	1	10,603	0	0
BANCORP INC/THE	COM	05969A105	591	30,258	SH	SOLE	1	30,258	0	0
BANDWIDTH INC CLASS A	COM	05988J103	204	10,854	SH	SOLE	1	10,854	0	0
BANK FIRST CORP	COM	06211J100	230	3,030	SH	SOLE	1	3,030	0	0
BANK OF AMERICA CORP	COM	060505104	60,306	1,937,234	SH	SOLE	1	1,937,234	0	0
BANK OF HAWAII CORP	COM	062540109	4,952	66,558	SH	SOLE	1	66,558	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	233	7,333	SH	SOLE	1	7,333	0	0
BANK OF N.T. BUTTERFIELDSON	COM	G0772R208	726	23,272	SH	SOLE	1	23,272	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	11,312	271,214	SH	SOLE	1	271,214	0	0
BANK OZK	COM	06417N103	7,003	186,593	SH	SOLE	1	186,593	0	0
BANKUNITED INC	COM	06652K103	1,575	44,279	SH	SOLE	1	44,279	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	82	2,637	SH	SOLE	1	2,637	0	0
BANNER CORPORATION	COM	06652V208	1,042	18,538	SH	SOLE	1	18,538	0	0
BAR HARBOR BANKSHARES	COM	066849100	179	6,916	SH	SOLE	1	6,916	0	0
BARK INC	COM	68622E104	31	24,122	SH	SOLE	1	24,122	0	0
BARNES GROUP INC	COM	067806109	821	26,359	SH	SOLE	1	26,359	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	245	3,366	SH	SOLE	1	3,366	0	0
BATH BODY WORKS INC	COM	070830104	1,837	68,233	SH	SOLE	1	68,233	0	0
BATTALION OIL CORP	COM	07134L107	10	1,174	SH	SOLE	1	1,174	0	0
BAXTER INTERNATIONAL INC	COM	071813109	9,595	149,386	SH	SOLE	1	149,386	0	0
BAYCOM CORP	COM	07272M107	124	6,015	SH	SOLE	1	6,015	0	0
BCB BANCORP INC	COM	055298103	115	6,726	SH	SOLE	1	6,726	0	0
BEACHBODY CO INC/THE	CL A	073463101	59	48,988	SH	SOLE	1	48,988	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,306	25,432	SH	SOLE	1	25,432	0	0
BEAM THERAPEUTICS INC	COM	07373V105	1,152	29,748	SH	SOLE	1	29,748	0	0
BEAUTY HEALTH CO/THE	CL A	88331L108	600	46,688	SH	SOLE	1	46,688	0	0
BEAZER HOMES USA INC	COM	07556Q881	168	13,949	SH	SOLE	1	13,949	0	0
BECTON DICKINSON AND CO	COM	075887109	18,851	76,467	SH	SOLE	1	76,467	0	0
BED BATH BEYOND INC	COM	075896100	215	43,196	SH	SOLE	1	43,196	0	0
BEIGENE LTD ADR	SPON ADR	07725L102	97	600	SH	SOLE	1	600	0	0
BELDEN INC	COM	077454106	4,965	93,199	SH	SOLE	1	93,199	0	0
BELLRING BRANDS INC	COM	07831C103	5,820	233,844	SH	SOLE	1	233,844	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	427	18,939	SH	SOLE	1	18,939	0	0
BENEFITFOCUS INC	COM	08180D106	94	12,072	SH	SOLE	1	12,072	0	0
BENSON HILL INC	COM	082490103	220	80,136	SH	SOLE	1	80,136	0	0
BENTLEY SYSTEMS INC CLASS B	CL B	08265T208	88	2,632	SH	SOLE	1	2,632	0	0

BERKELEY LIGHTS INC	COM	084310101	130	26,140	SH	SOLE	1	26,140	0	0
BERKSHIRE GREY INC	CL A	084656107	33	22,845	SH	SOLE	1	22,845	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	132,497	485,303	SH	SOLE	1	485,303	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	622	25,093	SH	SOLE	1	25,093	0	0
BERRY CORP	COM	08579X101	286	37,517	SH	SOLE	1	37,517	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	92	1,690	SH	SOLE	1	1,690	0	0
BEST BUY CO INC	COM	086516101	4,036	61,913	SH	SOLE	1	61,913	0	0
BEYOND MEAT INC	COM	08862E109	688	28,740	SH	SOLE	1	28,740	0	0
BGC PARTNERS INC CL A	CL A	05541T101	504	149,580	SH	SOLE	1	149,580	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	113	10,043	SH	SOLE	1	10,043	0	0
BIG LOTS INC	COM	089302103	319	15,221	SH	SOLE	1	15,221	0	0
BIGCOMMERCE HOLDINGS SER 1	COM SER 1	08975P108	486	30,019	SH	SOLE	1	30,019	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	42	345	SH	SOLE	1	345	0	0
BILL.COM HOLDINGS INC	COM	090043100	112	1,021	SH	SOLE	1	1,021	0	0
BIO RAD LABORATORIES A	COM	090572207	3,051	6,164	SH	SOLE	1	6,164	0	0
BIO TECHNE CORP	COM	09073M104	4,012	11,575	SH	SOLE	1	11,575	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	919	86,816	SH	SOLE	1	86,816	0	0
BIOGEN INC	COM	09062X103	10,148	49,760	SH	SOLE	1	49,760	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	4,248	29,157	SH	SOLE	1	29,157	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	249	18,028	SH	SOLE	1	18,028	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	160	1,931	SH	SOLE	1	1,931	0	0
BIONANO GENOMICS INC	COM	09075F107	189	136,635	SH	SOLE	1	136,635	0	0
BIOVENTUS INC A	CL A	09075A108	101	14,791	SH	SOLE	1	14,791	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	118	8,951	SH	SOLE	1	8,951	0	0
BIRD GLOBAL INC CLASS A	CL A	09077J107	35	80,239	SH	SOLE	1	80,239	0	0
BJ S RESTAURANTS INC	COM	09180C106	268	12,344	SH	SOLE	1	12,344	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	13,917	223,318	SH	SOLE	1	223,318	0	0
BLACK HILLS CORP	COM	092113109	9,960	136,870	SH	SOLE	1	136,870	0	0
BLACK KNIGHT INC	COM	09215C105	111	1,691	SH	SOLE	1	1,691	0	0
BLACKBAUD INC	COM	09227Q100	5,603	96,491	SH	SOLE	1	96,491	0	0
BLACKLINE INC	COM	09239B109	1,722	25,855	SH	SOLE	1	25,855	0	0
BLACKROCK INC	COM	09247X101	30,282	49,721	SH	SOLE	1	49,721	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	2,206	79,715	SH	SOLE	1	79,715	0	0
BLADE AIR MOBILITY INC	CL A	092667104	117	26,269	SH	SOLE	1	26,269	0	0
BLEND LABS INC A	CL A	09352U108	204	86,594	SH	SOLE	1	86,594	0	0
BLINK CHARGING CO	COM	09354A100	286	17,292	SH	SOLE	1	17,292	0	0
BLOOM ENERGY CORP A	COM	093712107	1,258	76,221	SH	SOLE	1	76,221	0	0
BLOOMIN BRANDS INC	COM	094235108	786	47,274	SH	SOLE	1	47,274	0	0
BLUCORA INC	COM	095229100	471	25,540	SH	SOLE	1	25,540	0	0
BLUE BIRD CORP	COM	095306106	75	8,177	SH	SOLE	1	8,177	0	0
BLUE FOUNDRY BANCORP	COM	09549B104	147	12,272	SH	SOLE	1	12,272	0	0
BLUE OWL CAPITAL INC	CL A	09581B103	63	6,292	SH	SOLE	1	6,292	0	0

BLUE RIDGE BANKSHARES INC	COM	095825105	122	7,967	SH	SOLE	1	7,967	0	0
BLUEBIRD BIO INC	COM	09609G100	139	33,488	SH	SOLE	1	33,488	0	0
BLUEGREEN VACATIONS HOLDING	CL A	096308101	150	6,001	SH	SOLE	1	6,001	0	0
BLUELINX HOLDINGS INC	COM	09624H208	293	4,383	SH	SOLE	1	4,383	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	1,413	27,968	SH	SOLE	1	27,968	0	0
BLUEROCK RESIDENTIAL GROWTH	CL A	09627J102	353	13,419	SH	SOLE	1	13,419	0	0
BOEING CO/THE	COM	097023105	20,396	149,182	SH	SOLE	1	149,182	0	0
BOISE CASCADE CO	COM	09739D100	1,273	21,402	SH	SOLE	1	21,402	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	23	308	SH	SOLE	1	308	0	0
BOOKING HOLDINGS INC	COM	09857L108	26,172	14,964	SH	SOLE	1	14,964	0	0
BOOT BARN HOLDINGS INC	COM	099406100	1,103	16,009	SH	SOLE	1	16,009	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	185	2,050	SH	SOLE	1	2,050	0	0
BORGWARNER INC	COM	099724106	3,377	101,203	SH	SOLE	1	101,203	0	0
BORR DRILLING LTD	LTD SHS	G1466R173	290	62,903	SH	SOLE	1	62,903	0	0
BOSTON BEER COMPANY INC A	COM	100557107	4,719	15,575	SH	SOLE	1	15,575	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	198	9,588	SH	SOLE	1	9,588	0	0
BOSTON PROPERTIES INC	COM	101121101	3,550	39,894	SH	SOLE	1	39,894	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	14,292	383,476	SH	SOLE	1	383,476	0	0
BOWLERO CORP	CL A	10258P102	193	18,207	SH	SOLE	1	18,207	0	0
BOX INC CLASS A	COM	10316T104	1,519	60,431	SH	SOLE	1	60,431	0	0
BOXED INC	COM	103174108	10	5,411	SH	SOLE	1	5,411	0	0
BOYD GAMING CORP	COM	103304101	6,576	132,172	SH	SOLE	1	132,172	0	0
BRADY CORPORATION CL A	CL A	104674106	1,206	25,536	SH	SOLE	1	25,536	0	0
BRAEMAR HOTELS RESORTS INC	COM	10482B101	137	32,041	SH	SOLE	1	32,041	0	0
BRANDYWINE REALTY TRUST	COM	105368203	888	92,094	SH	SOLE	1	92,094	0	0
BRC INC A	CL A	05601U105	98	12,016	SH	SOLE	1	12,016	0	0
BREAD FINANCIAL HOLDINGS INC	COM	018581108	3,897	105,161	SH	SOLE	1	105,161	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	445	48,964	SH	SOLE	1	48,964	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	33,324	3,670,000	SH	SOLE	2	3,670,000	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	156	9,658	SH	SOLE	1	9,658	0	0
BRIGHAM MINERALS INC CL A	CL A	10918L103	588	23,870	SH	SOLE	1	23,870	0	0
BRIGHT HEALTH GROUP INC	COM	10920V107	164	90,354	SH	SOLE	1	90,354	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	60	704	SH	SOLE	1	704	0	0
BRIGHTCOVE	COM	10921T101	122	19,260	SH	SOLE	1	19,260	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	5,076	123,740	SH	SOLE	1	123,740	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	315	17,512	SH	SOLE	1	17,512	0	0
BRIGHTSPIRE CAPITAL INC	CL A	10949T109	337	44,583	SH	SOLE	1	44,583	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	249	20,787	SH	SOLE	1	20,787	0	0

BRINK S CO/THE	COM	109696104	6,006	98,923	SH	SOLE	1	98,923	0	0
BRINKER INTERNATIONAL INC	COM	109641100	519	23,569	SH	SOLE	1	23,569	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	43,976	571,111	SH	SOLE	1	571,111	0	0
BRISTOW GROUP INC	COM	11040G103	299	12,789	SH	SOLE	1	12,789	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	10,001	494,876	SH	SOLE	1	494,876	0	0
BROADCOM INC	COM	11135F101	73,816	151,944	SH	SOLE	1	151,944	0	0
BROADMARK REALTY CAPITAL INC	COM	11135B100	409	60,948	SH	SOLE	1	60,948	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	4,818	33,797	SH	SOLE	1	33,797	0	0
BROADSTONE NET LEASE INC	COM	11135E203	1,625	79,232	SH	SOLE	1	79,232	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	395	87,061	SH	SOLE	1	87,061	0	0
BROOKFIELD BUSINESS CL A	CL A	11259V106	280	12,159	SH	SOLE	1	12,159	0	0
BROOKFIELD INFRASTRUCTURE A	CL A	11275Q107	1,948	45,845	SH	SOLE	1	45,845	0	0
BROOKFIELD RENEWABLE COR A	CL A SUB VTG	11284V105	48	1,336	SH	SOLE	1	1,336	0	0
BROOKLINE BANCORP INC	COM	11373M107	549	41,246	SH	SOLE	1	41,246	0	0
BROWN BROWN INC	COM	115236101	3,923	67,247	SH	SOLE	1	67,247	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	42	614	SH	SOLE	1	614	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	3,614	51,506	SH	SOLE	1	51,506	0	0
BRP GROUP INC A	COM CL A	05589G102	661	27,372	SH	SOLE	1	27,372	0	0
BRT APARTMENTS CORP	COM	055645303	119	5,539	SH	SOLE	1	5,539	0	0
BRUKER CORP	COM	116794108	10,410	165,874	SH	SOLE	1	165,874	0	0
BRUNSWICK CORP	COM	117043109	8,185	125,196	SH	SOLE	1	125,196	0	0
BTRS HOLDINGS INC CL 1	CL A	11778X104	234	46,950	SH	SOLE	1	46,950	0	0
BUCKLE INC/THE	COM	118440106	452	16,318	SH	SOLE	1	16,318	0	0
BUILD A BEAR WORKSHOP INC	COM	120076104	109	6,638	SH	SOLE	1	6,638	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	15,328	285,431	SH	SOLE	1	285,431	0	0
BUMBLE INC A	CL A	12047B105	1,137	40,382	SH	SOLE	1	40,382	0	0
BUNGE LTD	COM	G16962105	133	1,466	SH	SOLE	1	1,466	0	0
BURLINGTON STORES INC	COM	122017106	137	1,006	SH	SOLE	1	1,006	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	211	9,909	SH	SOLE	1	9,909	0	0
BUTTERFLY NETWORK INC	CL A	124155102	191	62,211	SH	SOLE	1	62,211	0	0
BWX TECHNOLOGIES INC	COM	05605H100	63	1,139	SH	SOLE	1	1,139	0	0
BYLINE BANCORP INC	COM	124411109	274	11,506	SH	SOLE	1	11,506	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	4,154	40,980	SH	SOLE	1	40,980	0	0
C3.AI INC A	CL A	12468P104	588	32,214	SH	SOLE	1	32,214	0	0
C4 THERAPEUTICS INC	COM	12529R107	148	19,688	SH	SOLE	1	19,688	0	0
CABLE ONE INC	COM	12685J105	10,507	8,149	SH	SOLE	1	8,149	0	0
CABOT CORP	COM	127055101	7,571	118,684	SH	SOLE	1	118,684	0	0
CACI INTERNATIONAL INC CL A	CL A	127190304	10,899	38,679	SH	SOLE	1	38,679	0	0
CACTUS INC A	COM	127203107	1,111	27,594	SH	SOLE	1	27,594	0	0
CADENCE BANK	COM	12740C103	9,088	387,038	SH	SOLE	1	387,038	0	0
CADENCE DESIGN SYS INC	COM	127387108	17,518	116,761	SH	SOLE	1	116,761	0	0

CADRE HOLDINGS INC	COM	12763L105	152	7,731	SH	SOLE	1	7,731	0	0
CAESARS ENTERTAINMENT INC	COM	12769G100	2,372	61,929	SH	SOLE	1	61,929	0	0
CAESARSTONE LTD	COM	M20598104	97	10,593	SH	SOLE	1	10,593	0	0
CAL MAINE FOODS INC	COM	128030202	1,014	20,515	SH	SOLE	1	20,515	0	0
CALAMP CORP	COM	128126109	11	2,659	SH	SOLE	1	2,659	0	0
CALAVO GROWERS INC	COM	128246105	391	9,382	SH	SOLE	1	9,382	0	0
CALERES INC	COM	129500104	521	19,851	SH	SOLE	1	19,851	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q305	1,410	36,626	SH	SOLE	1	36,626	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,616	29,096	SH	SOLE	1	29,096	0	0
CALIX INC	COM	13100M509	4,022	117,798	SH	SOLE	1	117,798	0	0
CALLAWAY GOLF COMPANY	COM	131193104	5,233	256,520	SH	SOLE	1	256,520	0	0
CALLON PETROLEUM CO	COM	13123X508	1,040	26,541	SH	SOLE	1	26,541	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	79	5,377	SH	SOLE	1	5,377	0	0
CAMBRIDGE BANCORP	COM	132152109	264	3,198	SH	SOLE	1	3,198	0	0
CAMDEN NATIONAL CORP	COM	133034108	297	6,734	SH	SOLE	1	6,734	0	0
CAMDEN PROPERTY TRUST	COM	133131102	4,157	30,912	SH	SOLE	1	30,912	0	0
CAMPBELL SOUP CO	COM	134429109	2,703	56,253	SH	SOLE	1	56,253	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	389	18,016	SH	SOLE	1	18,016	0	0
CANNAE HOLDINGS INC	COM	13765N107	684	35,374	SH	SOLE	1	35,374	0	0
CANO HEALTH INC	CL A	13781Y103	332	75,776	SH	SOLE	1	75,776	0	0
CANOO INC	CL A	13803R102	100	53,958	SH	SOLE	1	53,958	0	0
CANTALOUPE INC	COM	138103106	153	27,341	SH	SOLE	1	27,341	0	0
CAPITAL BANCORP INC/MD	COM	139737100	91	4,209	SH	SOLE	1	4,209	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	177	6,331	SH	SOLE	1	6,331	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	11,208	107,571	SH	SOLE	1	107,571	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	646	70,387	SH	SOLE	1	70,387	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	10,000	243,850	SH	SOLE	1	243,850	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	187	9,521	SH	SOLE	1	9,521	0	0
CARA THERAPEUTICS INC	COM	140755109	220	24,088	SH	SOLE	1	24,088	0	0
CARDINAL HEALTH INC	COM	14149Y108	3,969	75,929	SH	SOLE	1	75,929	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	310	21,601	SH	SOLE	1	21,601	0	0
CARDLYTICS INC	COM	14161W105	346	15,503	SH	SOLE	1	15,503	0	0
CAREDX INC	COM	14167L103	512	23,831	SH	SOLE	1	23,831	0	0
CAREMAX INC	CL A	14171W103	101	27,913	SH	SOLE	1	27,913	0	0
CARETRUST REIT INC	COM	14174T107	966	52,360	SH	SOLE	1	52,360	0	0
CARGURUS INC	COM	141788109	1,027	47,773	SH	SOLE	1	47,773	0	0
CARIBOU BIOSCIENCES INC	COM	142038108	137	25,274	SH	SOLE	1	25,274	0	0
CARLISLE COS INC	COM	142339100	20,433	85,635	SH	SOLE	1	85,635	0	0
CARLYLE GROUP INC/THE	COM	14316J108	69	2,166	SH	SOLE	1	2,166	0	0
CARMAX INC	COM	143130102	4,144	45,803	SH	SOLE	1	45,803	0	0
CARNIVAL CORP	COM	143658300	1,962	226,776	SH	SOLE	1	226,776	0	0
CARPARTS.COM INC	COM	14427M107	165	23,772	SH	SOLE	1	23,772	0	0
CARPENTER TECHNOLOGY	COM	144285103	724	25,929	SH	SOLE	1	25,929	0	0
CARRIAGE SERVICES	COM	143905107	250	6,301	SH	SOLE	1	6,301	0	0

INC											
CARRIER GLOBAL CORP	COM	14448C104	8,430	236,410	SH	SOLE	1	236,410	0	0	
CARS.COM INC	COM	14575E105	351	37,249	SH	SOLE	1	37,249	0	0	
CARTER BANKSHARES INC	COM	146103106	150	11,371	SH	SOLE	1	11,371	0	0	
CARTER S INC	COM	146229109	4,691	66,560	SH	SOLE	1	66,560	0	0	
CARVANA CO	COM	146869102	37	1,629	SH	SOLE	1	1,629	0	0	
CASA SYSTEMS INC	COM	14713L102	65	16,555	SH	SOLE	1	16,555	0	0	
CASELLA WASTE SYSTEMS INC A	COM	147448104	1,699	23,372	SH	SOLE	1	23,372	0	0	
CASEY S GENERAL STORES INC	COM	147528103	11,342	61,314	SH	SOLE	1	61,314	0	0	
CASS INFORMATION SYSTEMS INC	COM	14808P109	213	6,293	SH	SOLE	1	6,293	0	0	
CASSAVA SCIENCES INC	COM	14817C107	502	17,852	SH	SOLE	1	17,852	0	0	
CASTLE BIOSCIENCES INC	COM	14843C105	244	11,130	SH	SOLE	1	11,130	0	0	
CATALENT INC	COM	148806102	5,510	51,358	SH	SOLE	1	51,358	0	0	
CATALYST PHARMACEUTICALS INC	COM	14888U101	314	44,846	SH	SOLE	1	44,846	0	0	
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	231	22,929	SH	SOLE	1	22,929	0	0	
CATERPILLAR INC	COM	149123101	30,676	171,605	SH	SOLE	1	171,605	0	0	
CATHAY GENERAL BANCORP	COM	149150104	6,150	157,082	SH	SOLE	1	157,082	0	0	
CATO CORP CLASS A	COM	149205106	115	9,895	SH	SOLE	1	9,895	0	0	
CAVCO INDUSTRIES INC	COM	149568107	965	4,924	SH	SOLE	1	4,924	0	0	
CBIZ INC	COM	124805102	919	23,001	SH	SOLE	1	23,001	0	0	
CBL ASSOCIATES PROPERTIES	COM	124830878	293	12,464	SH	SOLE	1	12,464	0	0	
CBOE GLOBAL MARKETS INC	COM	12503M108	3,974	35,105	SH	SOLE	1	35,105	0	0	
CBRE GROUP INC A	COM	12504L109	7,858	106,754	SH	SOLE	1	106,754	0	0	
CBTX INC	COM	12481V104	229	8,605	SH	SOLE	1	8,605	0	0	
CCC INTELLIGENT SOLUTIONS HO	COM	12510Q100	19	2,107	SH	SOLE	1	2,107	0	0	
CDK GLOBAL INC	COM	12508E101	10,595	193,448	SH	SOLE	1	193,448	0	0	
CDW CORP/DE	COM	12514G108	6,186	39,259	SH	SOLE	1	39,259	0	0	
CEDAR REALTY TRUST INC	COM	150602605	145	5,028	SH	SOLE	1	5,028	0	0	
CELANESE CORP	COM	150870103	3,612	30,714	SH	SOLE	1	30,714	0	0	
CELLEX THERAPEUTICS INC	COM	15117B202	578	21,449	SH	SOLE	1	21,449	0	0	
CELSIUS HOLDINGS INC	COM	15118V207	1,856	28,435	SH	SOLE	1	28,435	0	0	
CELULARITY INC	CL A	151190105	25	7,293	SH	SOLE	1	7,293	0	0	
CENNTRO ELECTRIC GROUP LTD	LMT ORD SHS	Q6519V120	130	86,154	SH	SOLE	1	86,154	0	0	
CENTENE CORP	COM	15135B101	15,863	187,478	SH	SOLE	1	187,478	0	0	
CENTENNIAL RESOURCE DEVELO A	CL A	15136A102	576	96,294	SH	SOLE	1	96,294	0	0	
CENTERPOINT ENERGY INC	COM	15189T107	5,190	175,442	SH	SOLE	1	175,442	0	0	
CENTERSPACE	COM	15202L107	679	8,322	SH	SOLE	1	8,322	0	0	
CENTRAL GARDEN PET CO	COM	153527106	226	5,332	SH	SOLE	1	5,332	0	0	
CENTRAL GARDEN AND PET CO A	COM	153527205	881	22,007	SH	SOLE	1	22,007	0	0	
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	315	14,698	SH	SOLE	1	14,698	0	0	
CENTRUS ENERGY CORP CLASS A	CL A	15643U104	123	4,985	SH	SOLE	1	4,985	0	0	
CENTURY ALUMINUM COMPANY	COM	156431108	207	28,084	SH	SOLE	1	28,084	0	0	

CENTURY CASINOS INC	COM	156492100	92	12,758	SH	SOLE	1	12,758	0	0
CENTURY COMMUNITIES INC	COM	156504300	712	15,830	SH	SOLE	1	15,830	0	0
CENTURY THERAPEUTICS INC	COM	15673T100	79	9,425	SH	SOLE	1	9,425	0	0
CEPTON INC	COM	15673X101	6	3,641	SH	SOLE	1	3,641	0	0
CERBERUS CYBER SENTINEL CORP	COM	15672X102	77	21,380	SH	SOLE	1	21,380	0	0
CERENCE INC	COM	156727109	537	21,294	SH	SOLE	1	21,294	0	0
CEREVEL THERAPEUTICS HOLDING	COM	15678U128	673	25,435	SH	SOLE	1	25,435	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	1,839	39,057	SH	SOLE	1	39,057	0	0
CERTARA INC	COM	15687V109	34	1,602	SH	SOLE	1	1,602	0	0
CERUS CORP	COM	157085101	427	80,773	SH	SOLE	1	80,773	0	0
CEVA INC	COM	157210105	416	12,406	SH	SOLE	1	12,406	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	5,814	67,818	SH	SOLE	1	67,818	0	0
CHAMPIONX CORP	COM	15872M104	8,527	429,580	SH	SOLE	1	429,580	0	0
CHANGE HEALTHCARE INC	COM	15912K100	63	2,732	SH	SOLE	1	2,732	0	0
CHANNELADVISOR CORP	COM	159179100	205	14,060	SH	SOLE	1	14,060	0	0
CHARGE ENTERPRISES INC	COM	159610104	241	50,614	SH	SOLE	1	50,614	0	0
CHARGEPOINT HOLDINGS INC	CL A	15961R105	42	3,101	SH	SOLE	1	3,101	0	0
CHARLES RIVER LABORATORIES	COM	159864107	3,204	14,974	SH	SOLE	1	14,974	0	0
CHART INDUSTRIES INC	COM	16115Q308	12,730	76,056	SH	SOLE	1	76,056	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	19,362	41,324	SH	SOLE	1	41,324	0	0
CHASE CORP	COM	16150R104	275	3,533	SH	SOLE	1	3,533	0	0
CHATHAM LODGING TRUST	COM	16208T102	272	26,038	SH	SOLE	1	26,038	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	2,293	18,829	SH	SOLE	1	18,829	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	711	26,913	SH	SOLE	1	26,913	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	715	18,387	SH	SOLE	1	18,387	0	0
CHEGG INC	COM	163092109	1,094	58,227	SH	SOLE	1	58,227	0	0
CHEMED CORP	COM	16359R103	11,618	24,752	SH	SOLE	1	24,752	0	0
CHEMOCENTRYX INC	COM	16383L106	733	29,580	SH	SOLE	1	29,580	0	0
CHEMOURS CO/THE	COM	163851108	8,240	257,332	SH	SOLE	1	257,332	0	0
CHENIERE ENERGY INC	COM	16411R208	452	3,401	SH	SOLE	1	3,401	0	0
CHESAPEAKE ENERGY CORP	COM	165167735	108	1,335	SH	SOLE	1	1,335	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	1,225	9,458	SH	SOLE	1	9,458	0	0
CHEVRON CORP	COM	166764100	76,307	527,052	SH	SOLE	1	527,052	0	0
CHICAGO ATLANTIC REAL ESTATE	COM	167239102	48	3,210	SH	SOLE	1	3,210	0	0
CHICO S FAS INC	COM	168615102	331	66,545	SH	SOLE	1	66,545	0	0
CHILDREN S PLACE INC/THE	COM	168905107	276	7,100	SH	SOLE	1	7,100	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	982	111,340	SH	SOLE	1	111,340	0	0
CHIMERIX INC	COM	16934W106	82	39,409	SH	SOLE	1	39,409	0	0
CHINOOK THERAPEUTICS INC	COM	16961L106	358	20,445	SH	SOLE	1	20,445	0	0
CHIPOTLE MEXICAN	COM	169656105	10,650	8,147	SH	SOLE	1	8,147	0	0

GRILL INC										
CHOICE HOTELS INTL INC	COM	169905106	6,089	54,545	SH	SOLE	1	54,545	0	0
CHORD ENERGY CORP	COM	674215207	1,120	9,203	SH	SOLE	1	9,203	0	0
CHUBB LTD	COM	H1467J104	28,404	144,490	SH	SOLE	1	144,490	0	0
CHURCH DWIGHT CO INC	COM	171340102	6,322	68,230	SH	SOLE	1	68,230	0	0
CHURCHILL DOWNS INC	COM	171484108	10,869	56,750	SH	SOLE	1	56,750	0	0
CHUY S HOLDINGS INC	COM	171604101	204	10,221	SH	SOLE	1	10,221	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	15	2,325	SH	SOLE	1	2,325	0	0
CIENA CORP	COM	171779309	11,486	251,333	SH	SOLE	1	251,333	0	0
CIGNA CORP	COM	125523100	22,427	85,107	SH	SOLE	1	85,107	0	0
CIMPRESS PLC	SHS EURO	G2143T103	321	8,256	SH	SOLE	1	8,256	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	5,049	42,435	SH	SOLE	1	42,435	0	0
CINCOR PHARMA INC	COM	17240Y109	118	6,272	SH	SOLE	1	6,272	0	0
CINEMARK HOLDINGS INC	COM	17243V102	885	58,920	SH	SOLE	1	58,920	0	0
CINTAS CORP	COM	172908105	12,162	32,559	SH	SOLE	1	32,559	0	0
CIPHER MINING INC	COM	17253J106	25	18,287	SH	SOLE	1	18,287	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	166	10,143	SH	SOLE	1	10,143	0	0
CIRRUS LOGIC INC	COM	172755100	6,865	94,639	SH	SOLE	1	94,639	0	0
CISCO SYSTEMS INC	COM	17275R102	67,553	1,584,253	SH	SOLE	1	1,584,253	0	0
CITI TRENDS INC	COM	17306X102	93	3,917	SH	SOLE	1	3,917	0	0
CITIGROUP INC	COM	172967424	23,957	520,910	SH	SOLE	1	520,910	0	0
CITIZENS NORTHERN CORP	COM	172922106	171	7,061	SH	SOLE	1	7,061	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	4,878	136,681	SH	SOLE	1	136,681	0	0
CITRIX SYSTEMS INC	COM	177376100	3,789	38,996	SH	SOLE	1	38,996	0	0
CITY HOLDING CO	COM	177835105	639	7,994	SH	SOLE	1	7,994	0	0
CITY OFFICE REIT INC	COM	178587101	259	19,984	SH	SOLE	1	19,984	0	0
CIVISTA BANCSHARES INC	COM	178867107	145	6,826	SH	SOLE	1	6,826	0	0
CIVITAS RESOURCES INC	COM	17888H103	2,084	39,847	SH	SOLE	1	39,847	0	0
CLARIVATE PLC	ORD SHS	G21810109	69	5,013	SH	SOLE	1	5,013	0	0
CLAROS MORTGAGE TRUST INC	COM	18270D106	721	43,060	SH	SOLE	1	43,060	0	0
CLARUS CORP	COM	18270P109	256	13,503	SH	SOLE	1	13,503	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	355	79,351	SH	SOLE	1	79,351	0	0
CLEAN HARBORS INC	COM	184496107	7,254	82,744	SH	SOLE	1	82,744	0	0
CLEANSARK INC	COM	18452B209	74	18,806	SH	SOLE	1	18,806	0	0
CLEAR CHANNEL OUTDOOR HOLDIN	COM	18453H106	183	170,887	SH	SOLE	1	170,887	0	0
CLEAR SECURE INC CLASS A	CL A	18467V109	582	29,124	SH	SOLE	1	29,124	0	0
CLEARFIELD INC	COM	18482P103	335	5,411	SH	SOLE	1	5,411	0	0
CLEARWATER PAPER CORP	COM	18538R103	305	9,072	SH	SOLE	1	9,072	0	0
CLEARWAY ENERGY INC A	COM	18539C105	521	16,301	SH	SOLE	1	16,301	0	0
CLEARWAY ENERGY INC C	COM	18539C204	1,338	38,397	SH	SOLE	1	38,397	0	0
CLEVELAND CLIFFS INC	COM	185899101	12,133	789,369	SH	SOLE	1	789,369	0	0
CLIPPER REALTY INC	COM	18885T306	43	5,603	SH	SOLE	1	5,603	0	0
CLOROX COMPANY	COM	189054109	5,132	36,403	SH	SOLE	1	36,403	0	0
CLOUDFLARE INC CLASS A	COM	18915M107	191	4,363	SH	SOLE	1	4,363	0	0

CLOVER HEALTH INVESTMENTS CO	CL A	18914F103	382	178,585	SH	SOLE	1	178,585	0	0
CMC MATERIALS INC	COM	12571T100	10,527	60,332	SH	SOLE	1	60,332	0	0
CME GROUP INC	COM	12572Q105	23,224	113,453	SH	SOLE	1	113,453	0	0
CMS ENERGY CORP	COM	125896100	7,281	107,869	SH	SOLE	1	107,869	0	0
CNA FINANCIAL CORP	COM	126117100	13	285	SH	SOLE	1	285	0	0
CNB FINANCIAL CORP/PA	COM	126128107	182	7,540	SH	SOLE	1	7,540	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	4,416	244,087	SH	SOLE	1	244,087	0	0
CNX RESOURCES CORP	COM	12653C108	6,756	410,457	SH	SOLE	1	410,457	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	186	4,881	SH	SOLE	1	4,881	0	0
COCA COLA CO/THE	COM	191216100	75,358	1,197,867	SH	SOLE	1	1,197,867	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	1,431	2,538	SH	SOLE	1	2,538	0	0
COCA COLA EUROPACIFIC PARTNE	COM	G25839104	2,279	44,155	SH	SOLE	1	44,155	0	0
CODEXIS INC	COM	192005106	300	28,651	SH	SOLE	1	28,651	0	0
COEUR MINING INC	COM	192108504	396	130,408	SH	SOLE	1	130,408	0	0
COGENT BIOSCIENCES INC	COM	19240Q201	188	20,877	SH	SOLE	1	20,877	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,415	23,281	SH	SOLE	1	23,281	0	0
COGNEX CORP	COM	192422103	12,241	287,882	SH	SOLE	1	287,882	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	12,066	178,779	SH	SOLE	1	178,779	0	0
COHEN STEERS INC	COM	19247A100	756	11,890	SH	SOLE	1	11,890	0	0
COHERENT INC	COM	192479103	10,851	40,761	SH	SOLE	1	40,761	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	284	39,212	SH	SOLE	1	39,212	0	0
COHU INC	COM	192576106	724	26,074	SH	SOLE	1	26,074	0	0
COINBASE GLOBAL INC CLASS A	CL A	19260Q107	76	1,622	SH	SOLE	1	1,622	0	0
COLGATE PALMOLIVE CO	COM	194162103	22,495	280,700	SH	SOLE	1	280,700	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	326	18,405	SH	SOLE	1	18,405	0	0
COLONY BANKCORP	COM	19623P101	116	7,661	SH	SOLE	1	7,661	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	1,221	42,622	SH	SOLE	1	42,622	0	0
COLUMBIA FINANCIAL INC	COM	197641103	353	16,194	SH	SOLE	1	16,194	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	3,943	55,086	SH	SOLE	1	55,086	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	372	13,115	SH	SOLE	1	13,115	0	0
COMCAST CORP CLASS A	COM	20030N101	64,782	1,650,919	SH	SOLE	1	1,650,919	0	0
COMERICA INC	COM	200340107	2,723	37,110	SH	SOLE	1	37,110	0	0
COMFORT SYSTEMS USA INC	COM	199908104	1,600	19,246	SH	SOLE	1	19,246	0	0
COMMERCE BANCSHARES INC	COM	200525103	11,917	181,520	SH	SOLE	1	181,520	0	0
COMMERCIAL METALS CO	COM	201723103	8,477	256,114	SH	SOLE	1	256,114	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	588	96,006	SH	SOLE	1	96,006	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	1,833	28,971	SH	SOLE	1	28,971	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	255	67,872	SH	SOLE	1	67,872	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	465	12,837	SH	SOLE	1	12,837	0	0

COMMUNITY TRUST BANCORP INC	COM	204149108	297	7,341	SH	SOLE	1	7,341	0	0
COMMVault SYSTEMS INC	COM	204166102	5,917	94,067	SH	SOLE	1	94,067	0	0
COMPASS DIVERSIFIED HOLDINGS	SH BEN INT	20451Q104	607	28,358	SH	SOLE	1	28,358	0	0
COMPASS INC CLASS A	CL A	20464U100	440	122,008	SH	SOLE	1	122,008	0	0
COMPASS MINERALS INTERNATIONAL	COM	20451N101	657	18,571	SH	SOLE	1	18,571	0	0
COMPOSECURE INC	CL A	20459V105	19	3,638	SH	SOLE	1	3,638	0	0
COMPUTER PROGRAMS SYSTEMS	COM	205306103	248	7,765	SH	SOLE	1	7,765	0	0
COMPX INTERNATIONAL INC	COM	20563P101	17	745	SH	SOLE	1	745	0	0
COMSTOCK RESOURCES INC	COM	205768302	518	42,911	SH	SOLE	1	42,911	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	128	14,066	SH	SOLE	1	14,066	0	0
CONAGRA BRANDS INC	COM	205887102	4,576	133,650	SH	SOLE	1	133,650	0	0
CONCENTRIX CORP	COM	20602D101	9,642	71,087	SH	SOLE	1	71,087	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	74	12,289	SH	SOLE	1	12,289	0	0
CONDUENT INC	COM	206787103	343	79,467	SH	SOLE	1	79,467	0	0
CONFLUENT INC CLASS A	CL A	20717M103	45	1,939	SH	SOLE	1	1,939	0	0
CONMED CORP	COM	207410101	1,473	15,383	SH	SOLE	1	15,383	0	0
CONN S INC	COM	208242107	58	7,249	SH	SOLE	1	7,249	0	0
CONNECTONE BANCORP INC	COM	20786W107	425	17,375	SH	SOLE	1	17,375	0	0
CONOCOPHILLIPS	COM	20825C104	31,161	346,962	SH	SOLE	1	346,962	0	0
CONSENSUS CLOUD SOLUTION	COM	20848V105	378	8,663	SH	SOLE	1	8,663	0	0
CONSOL ENERGY INC	COM	20854L108	910	18,429	SH	SOLE	1	18,429	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	281	40,133	SH	SOLE	1	40,133	0	0
CONSOLIDATED EDISON INC	COM	209115104	15,093	158,704	SH	SOLE	1	158,704	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	10,175	43,660	SH	SOLE	1	43,660	0	0
CONSTELLATION ENERGY	COM	21037T109	6,356	111,000	SH	SOLE	1	111,000	0	0
CONSTELLIUM SE	CL A	F21107101	767	58,096	SH	SOLE	1	58,096	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	391	18,671	SH	SOLE	1	18,671	0	0
CONSUMER PORTFOLIO SERVICES	COM	210502100	69	6,698	SH	SOLE	1	6,698	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	95	15,209	SH	SOLE	1	15,209	0	0
CONTEXTLOGIC INC A	CL A	21077C107	426	266,390	SH	SOLE	1	266,390	0	0
CONTINENTAL RESOURCES INC/OK	COM	212015101	34	517	SH	SOLE	1	517	0	0
CONVEY HEALTH SOLUTIONS HOLD	COM	21258C108	79	7,551	SH	SOLE	1	7,551	0	0
COOPER COS INC/THE	COM	216648402	4,300	13,734	SH	SOLE	1	13,734	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	20	323	SH	SOLE	1	323	0	0
COPART INC	COM	217204106	8,349	76,833	SH	SOLE	1	76,833	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	1,117	46,963	SH	SOLE	1	46,963	0	0
CORE MAIN INC CLASS A	CL A	21874C102	16	737	SH	SOLE	1	737	0	0
CORE LABORATORIES N.V.	COM	N22717107	68	3,415	SH	SOLE	1	3,415	0	0
CORE SCIENTIFIC INC	COM	21873J108	153	102,429	SH	SOLE	1	102,429	0	0

CORECIVIC INC	COM	21871N101	727	65,474	SH	SOLE	1	65,474	0	0
CORNERSTONE BUILDING BRANDS	COM	21925D109	725	29,609	SH	SOLE	1	29,609	0	0
CORNING INC	COM	219350105	6,981	221,539	SH	SOLE	1	221,539	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	6,215	237,296	SH	SOLE	1	237,296	0	0
CORSAIR GAMING INC	COM	22041X102	268	20,396	SH	SOLE	1	20,396	0	0
CORTEVA INC	COM	22052L104	10,921	201,715	SH	SOLE	1	201,715	0	0
CORVEL CORP	COM	221006109	720	4,888	SH	SOLE	1	4,888	0	0
COSTAMARE INC	COM	Y1771G102	305	25,208	SH	SOLE	1	25,208	0	0
COSTAR GROUP INC	COM	22160N109	266	4,403	SH	SOLE	1	4,403	0	0
COSTCO WHOLESALE CORP	COM	22160K105	78,483	163,752	SH	SOLE	1	163,752	0	0
COTERRA ENERGY INC	COM	127097103	6,595	255,701	SH	SOLE	1	255,701	0	0
COTY INC CL A	CL A	222070203	4,554	568,496	SH	SOLE	1	568,496	0	0
COUCHBASE INC	COM	22207T101	204	12,403	SH	SOLE	1	12,403	0	0
COUPA SOFTWARE INC	COM	22266L106	57	1,003	SH	SOLE	1	1,003	0	0
COURSERA INC	COM	22266M104	749	52,786	SH	SOLE	1	52,786	0	0
COUSINS PROPERTIES INC	COM	222795502	7,184	245,783	SH	SOLE	1	245,783	0	0
COVENANT LOGISTICS GROUP INC	CL A	22284P105	130	5,177	SH	SOLE	1	5,177	0	0
COVETRUS INC	COM	22304C100	1,188	57,251	SH	SOLE	1	57,251	0	0
COWEN INC A	COM	223622606	291	12,298	SH	SOLE	1	12,298	0	0
CRA INTERNATIONAL INC	COM	12618T105	299	3,345	SH	SOLE	1	3,345	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	4,090	48,988	SH	SOLE	1	48,988	0	0
CRANE HOLDINGS CO	COM	224441105	6,892	78,713	SH	SOLE	1	78,713	0	0
CRAWFORD COMPANY CL A	CL A	224633206	61	7,879	SH	SOLE	1	7,879	0	0
CREDICORP LTD	COM	G2519Y108	109	907	SH	SOLE	1	907	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	36	76	SH	SOLE	1	76	0	0
CREDO TECHNOLOGY GROUP HOLDI	ORD SHS	G25457105	128	10,995	SH	SOLE	1	10,995	0	0
CRESCENT ENERGY INC A	CL A	44952J104	190	15,210	SH	SOLE	1	15,210	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	459	24,630	SH	SOLE	1	24,630	0	0
CROCS INC	COM	227046109	6,302	129,492	SH	SOLE	1	129,492	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	411	19,753	SH	SOLE	1	19,753	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	282	21,330	SH	SOLE	1	21,330	0	0
CROWDSTRIKE HOLDINGS INC A	CL A	22788C105	2,751	16,319	SH	SOLE	1	16,319	0	0
CROWN CASTLE INTL CORP	COM	22822V101	23,206	137,820	SH	SOLE	1	137,820	0	0
CROWN HOLDINGS INC	COM	228368106	163	1,770	SH	SOLE	1	1,770	0	0
CRYOPORT INC	COM	229050307	646	20,846	SH	SOLE	1	20,846	0	0
CRYPTYDE INC	COM	22890A104	17	8,591	SH	SOLE	1	8,591	0	0
CS DISCO INC	COM	126327105	188	10,407	SH	SOLE	1	10,407	0	0
CSG SYSTEMS INTL INC	COM	126349109	1,031	17,279	SH	SOLE	1	17,279	0	0
CSW INDUSTRIALS INC	COM	126402106	723	7,020	SH	SOLE	1	7,020	0	0
CSX CORP	COM	126408103	20,809	716,076	SH	SOLE	1	716,076	0	0
CTI BIOPHARMA CORP	COM	12648L601	259	43,353	SH	SOLE	1	43,353	0	0
CTO REALTY GROWTH INC	COM	22948Q101	167	2,726	SH	SOLE	1	2,726	0	0
CTS CORP	COM	126501105	586	17,208	SH	SOLE	1	17,208	0	0
CUBESMART	COM	229663109	100	2,339	SH	SOLE	1	2,339	0	0
CUE HEALTH INC	COM	229790100	161	50,438	SH	SOLE	1	50,438	0	0

CULLEN/FROST BANKERS INC	COM	229899109	10,977	94,265	SH	SOLE	1	94,265	0	0
CULLINAN ONCOLOGY INC	COM	230031106	179	13,956	SH	SOLE	1	13,956	0	0
CULLINAN ONCOLOGY INC	COM	230031106	15,688	1,223,712	SH	SOLE	2	1,223,712	0	0
CUMMINS INC	COM	231021106	9,078	46,907	SH	SOLE	1	46,907	0	0
CUMULUS MEDIA INC CL A	CL A	231082801	67	8,650	SH	SOLE	1	8,650	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	57	10,285	SH	SOLE	1	10,285	0	0
CURTISS WRIGHT CORP	COM	231561101	8,388	63,518	SH	SOLE	1	63,518	0	0
CUSHMAN WAKEFIELD PLC	COM	G2717B108	1,134	74,417	SH	SOLE	1	74,417	0	0
CUSTOM TRUCK ONE SOURCE INC	CL A	23204X103	156	27,929	SH	SOLE	1	27,929	0	0
CUSTOMERS BANCORP INC	COM	23204G100	568	16,748	SH	SOLE	1	16,748	0	0
CUTERA INC	COM	232109108	337	8,986	SH	SOLE	1	8,986	0	0
CVB FINANCIAL CORP	COM	126600105	1,813	73,062	SH	SOLE	1	73,062	0	0
CVENT HOLDING CORP	COM	126677103	182	39,348	SH	SOLE	1	39,348	0	0
CVR ENERGY INC	COM	12662P108	464	13,842	SH	SOLE	1	13,842	0	0
CVS HEALTH CORP	COM	126650100	32,593	351,753	SH	SOLE	1	351,753	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	800	6,254	SH	SOLE	1	6,254	0	0
CYBEROPTICS CORP	COM	232517102	117	3,355	SH	SOLE	1	3,355	0	0
CYTEK BIOSCIENCES INC	COM	23285D109	573	53,444	SH	SOLE	1	53,444	0	0
CYTOKINETICS INC	COM	23282W605	1,758	44,744	SH	SOLE	1	44,744	0	0
CYXTERA TECHNOLOGIES INC	CL A	23284C102	226	19,926	SH	SOLE	1	19,926	0	0
DAILY JOURNAL CORP	COM	233912104	146	566	SH	SOLE	1	566	0	0
DAKOTA GOLD CORP	COM	46655E100	80	23,774	SH	SOLE	1	23,774	0	0
DANA INC	COM	235825205	4,161	295,748	SH	SOLE	1	295,748	0	0
DANAHER CORP	COM	235851102	52,422	206,775	SH	SOLE	1	206,775	0	0
DANIMER SCIENTIFIC INC	CL A	236272100	193	42,414	SH	SOLE	1	42,414	0	0
DAQO NEW ENERGY CORP ADR	SPNSRD ADS	23703Q203	54	750	SH	SOLE	1	750	0	0
DARDEN RESTAURANTS INC	COM	237194105	3,985	35,231	SH	SOLE	1	35,231	0	0
DARLING INGREDIENTS INC	COM	237266101	15,960	266,894	SH	SOLE	1	266,894	0	0
DASEKE INC	COM	23753F107	122	19,056	SH	SOLE	1	19,056	0	0
DATADOG INC CLASS A	COM	23804L103	2,032	21,333	SH	SOLE	1	21,333	0	0
DAVE BUSTER S ENTERTAINMEN	COM	238337109	753	22,973	SH	SOLE	1	22,973	0	0
DAVITA INC	COM	23918K108	1,426	17,837	SH	SOLE	1	17,837	0	0
DAY ONE BIOPHARMACEUTICALS I	COM	23954D109	196	10,929	SH	SOLE	1	10,929	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	277	21,086	SH	SOLE	1	21,086	0	0
DECKERS OUTDOOR CORP	COM	243537107	11,523	45,128	SH	SOLE	1	45,128	0	0
DEERE CO	COM	244199105	26,752	89,332	SH	SOLE	1	89,332	0	0
DEFINITIVE HEALTHCARE CORP	CL A	24477E103	10	416	SH	SOLE	1	416	0	0
DELEK US HOLDINGS INC	COM	24665A103	853	32,994	SH	SOLE	1	32,994	0	0
DELL TECHNOLOGIES C	CL C	24703L202	139	3,010	SH	SOLE	1	3,010	0	0
DELTA AIR LINES INC	COM	247361702	7,507	259,131	SH	SOLE	1	259,131	0	0
DELUXE CORP	COM	248019101	508	23,430	SH	SOLE	1	23,430	0	0
DENALI THERAPEUTICS	COM	24823R105	1,357	46,116	SH	SOLE	1	46,116	0	0

INC											
DENBURY INC	COM	24790A101	1,426	23,766	SH	SOLE	1	23,766	0	0	
DENNY S CORP	COM	24869P104	244	28,110	SH	SOLE	1	28,110	0	0	
DENTSPLY SIRONA INC	COM	24906P109	2,145	60,035	SH	SOLE	1	60,035	0	0	
DESIGN THERAPEUTICS INC	COM	25056L103	222	15,859	SH	SOLE	1	15,859	0	0	
DESIGNER BRANDS INC CLASS A	COM	250565108	412	31,536	SH	SOLE	1	31,536	0	0	
DESKTOP METAL INC A	CL A	25058X105	272	123,763	SH	SOLE	1	123,763	0	0	
DESTINATION XL GROUP INC	COM	25065K104	95	27,973	SH	SOLE	1	27,973	0	0	
DEVON ENERGY CORP	COM	25179M103	12,742	231,213	SH	SOLE	1	231,213	0	0	
DEXCOM INC	COM	252131107	11,014	147,786	SH	SOLE	1	147,786	0	0	
DHI GROUP INC	COM	23331S100	99	20,014	SH	SOLE	1	20,014	0	0	
DHT HOLDINGS INC	COM	Y2065G121	403	65,683	SH	SOLE	1	65,683	0	0	
DIAMOND HILL INVESTMENT GRP	COM	25264R207	245	1,413	SH	SOLE	1	1,413	0	0	
DIAMOND OFFSHORE DRILLING IN	COM	25271C201	275	46,755	SH	SOLE	1	46,755	0	0	
DIAMONDBACK ENERGY INC	COM	25278X109	6,796	56,093	SH	SOLE	1	56,093	0	0	
DIAMONDROCK HOSPITALITY CO	COM	252784301	934	113,740	SH	SOLE	1	113,740	0	0	
DICE THERAPEUTICS INC	COM	23345J104	206	13,289	SH	SOLE	1	13,289	0	0	
DICK S SPORTING GOODS INC	COM	253393102	7,227	95,887	SH	SOLE	1	95,887	0	0	
DIEBOLD NIXDORF INC	COM	253651103	90	39,616	SH	SOLE	1	39,616	0	0	
DIGI INTERNATIONAL INC	COM	253798102	450	18,584	SH	SOLE	1	18,584	0	0	
DIGIMARC CORP	COM	25381B101	90	6,399	SH	SOLE	1	6,399	0	0	
DIGITAL REALTY TRUST INC	COM	253868103	10,607	81,702	SH	SOLE	1	81,702	0	0	
DIGITAL TURBINE INC	COM	25400W102	867	49,623	SH	SOLE	1	49,623	0	0	
DIGITALBRIDGE GROUP INC	CL A	25401T108	1,351	276,784	SH	SOLE	1	276,784	0	0	
DIGITALOCEAN HOLDINGS INC	COM	25402D102	1,478	35,723	SH	SOLE	1	35,723	0	0	
DILLARDS INC CL A	CL A	254067101	445	2,016	SH	SOLE	1	2,016	0	0	
DIME COMMUNITY BANCSHARES IN	COM	25432X102	533	17,985	SH	SOLE	1	17,985	0	0	
DINE BRANDS GLOBAL INC	COM	254423106	561	8,626	SH	SOLE	1	8,626	0	0	
DIODES INC	COM	254543101	1,561	24,176	SH	SOLE	1	24,176	0	0	
DISCOVER FINANCIAL SERVICES	COM	254709108	7,707	81,489	SH	SOLE	1	81,489	0	0	
DISH NETWORK CORP A	COM	25470M109	1,253	69,883	SH	SOLE	1	69,883	0	0	
DISTRIBUTION SOLUTIONS GROUP	COM	520776105	118	2,304	SH	SOLE	1	2,304	0	0	
DIVERSEY HOLDINGS LTD	ORD SHS	G28923103	241	36,579	SH	SOLE	1	36,579	0	0	
DIVERSIFIED HEALTHCARE TRUST	COM SH BEN INT	25525P107	235	128,962	SH	SOLE	1	128,962	0	0	
DMC GLOBAL INC	COM	23291C103	184	10,227	SH	SOLE	1	10,227	0	0	
DOCGO INC	COM	256086109	269	37,690	SH	SOLE	1	37,690	0	0	
DOCUSIGN INC	COM	256163106	878	15,299	SH	SOLE	1	15,299	0	0	
DOLBY LABORATORIES INC CL A	CL A	25659T107	48	672	SH	SOLE	1	672	0	0	
DOLLAR GENERAL CORP	COM	256677105	16,031	65,317	SH	SOLE	1	65,317	0	0	
DOLLAR TREE INC	COM	256746108	12,242	78,551	SH	SOLE	1	78,551	0	0	
DOMA HOLDINGS INC	COM	25703A104	66	64,097	SH	SOLE	1	64,097	0	0	
DOMINION ENERGY INC	COM	25746U109	17,368	217,620	SH	SOLE	1	217,620	0	0	

DOMINO S PIZZA INC	COM	25754A201	4,853	12,452	SH	SOLE	1	12,452	0	0
DOMO INC CLASS B	COM	257554105	395	14,221	SH	SOLE	1	14,221	0	0
DONALDSON CO INC	COM	257651109	9,832	204,247	SH	SOLE	1	204,247	0	0
DONEGAL GROUP INC CL A	CL A	257701201	120	7,037	SH	SOLE	1	7,037	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	440	15,020	SH	SOLE	1	15,020	0	0
DOORDASH INC A	CL A	25809K105	241	3,755	SH	SOLE	1	3,755	0	0
DORIAN LPG LTD	COM	Y2106R110	250	16,417	SH	SOLE	1	16,417	0	0
DORMAN PRODUCTS INC	COM	258278100	1,582	14,422	SH	SOLE	1	14,422	0	0
DOUBLEVERIFY HOLDINGS INC	COM	25862V105	21	946	SH	SOLE	1	946	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	302	10,525	SH	SOLE	1	10,525	0	0
DOUGLAS ELLIMAN INC	COM	25961D105	194	40,472	SH	SOLE	1	40,472	0	0
DOUGLAS EMMETT INC	COM	25960P109	6,498	290,358	SH	SOLE	1	290,358	0	0
DOVER CORP	COM	260003108	4,966	40,929	SH	SOLE	1	40,929	0	0
DOW INC	COM	260557103	10,080	195,310	SH	SOLE	1	195,310	0	0
DOXIMITY INC CLASS A	CL A	26622P107	43	1,234	SH	SOLE	1	1,234	0	0
DR HORTON INC	COM	23331A109	6,343	95,824	SH	SOLE	1	95,824	0	0
DRAFTKINGS INC CL A	CL A	26142V105	69	5,917	SH	SOLE	1	5,917	0	0
DREAM FINDERS HOMES INC A	CL A	26154D100	104	9,808	SH	SOLE	1	9,808	0	0
DRIL QUIP INC	COM	262037104	478	18,508	SH	SOLE	1	18,508	0	0
DRIVEN BRANDS HOLDINGS INC	COM	26210V102	16	594	SH	SOLE	1	594	0	0
DROPBOX INC CLASS A	COM	26210C104	90	4,278	SH	SOLE	1	4,278	0	0
DTE ENERGY COMPANY	COM	233331107	6,843	53,989	SH	SOLE	1	53,989	0	0
DTE MIDSTREAM LLC W/I	COM	23345M107	7,835	159,826	SH	SOLE	1	159,826	0	0
DUCK CREEK TECHNOLOGIES INC	SHS	264120106	537	36,152	SH	SOLE	1	36,152	0	0
DUCK CREEK TECHNOLOGIES INC	SHS	264120106	39,719	2,674,677	SH	SOLE	2	2,674,677	0	0
DUCKHORN PORTFOLIO INC/THE	COM	26414D106	364	17,293	SH	SOLE	1	17,293	0	0
DUCOMMUN INC	COM	264147109	223	5,180	SH	SOLE	1	5,180	0	0
DUKE ENERGY CORP	COM	26441C204	22,141	206,523	SH	SOLE	1	206,523	0	0
DUKE REALTY CORP	COM	264411505	6,043	109,975	SH	SOLE	1	109,975	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	58	6,111	SH	SOLE	1	6,111	0	0
DUN BRADSTREET HOLDINGS IN	COM	26484T106	40	2,631	SH	SOLE	1	2,631	0	0
DUOLINGO	CL A	26603R106	965	11,020	SH	SOLE	1	11,020	0	0
DUPONT DE NEMOURS INC	COM	26614N102	7,878	141,738	SH	SOLE	1	141,738	0	0
DXC TECHNOLOGY CO	COM	23355L106	2,065	68,140	SH	SOLE	1	68,140	0	0
DXP ENTERPRISES INC	COM	233377407	257	8,392	SH	SOLE	1	8,392	0	0
DYCOM INDUSTRIES INC	COM	267475101	5,784	62,162	SH	SOLE	1	62,162	0	0
DYNATRACE INC	COM	268150109	122	3,105	SH	SOLE	1	3,105	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	806	64,055	SH	SOLE	1	64,055	0	0
DYNE THERAPEUTICS INC	COM	26818M108	102	14,827	SH	SOLE	1	14,827	0	0
DYNEX CAPITAL INC	COM	26817Q886	271	17,014	SH	SOLE	1	17,014	0	0
DZS INC	COM	268211109	133	8,161	SH	SOLE	1	8,161	0	0
E2OPEN PARENT HOLDINGS INC	CL A	29788T103	726	93,254	SH	SOLE	1	93,254	0	0
EAGLE BANCORP INC	COM	268948106	816	17,207	SH	SOLE	1	17,207	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A150	326	6,282	SH	SOLE	1	6,282	0	0

EAGLE MATERIALS INC	COM	26969P108	7,194	65,435	SH	SOLE	1	65,435	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	252	5,678	SH	SOLE	1	5,678	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	276	20,237	SH	SOLE	1	20,237	0	0
EAST WEST BANCORP INC	COM	27579R104	15,193	234,455	SH	SOLE	1	234,455	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	940	49,375	SH	SOLE	1	49,375	0	0
EASTERN BANKSHARES INC	COM	27627N105	1,390	75,293	SH	SOLE	1	75,293	0	0
EASTGROUP PROPERTIES INC	COM	277276101	10,627	68,857	SH	SOLE	1	68,857	0	0
EASTMAN CHEMICAL CO	COM	277432100	3,224	35,916	SH	SOLE	1	35,916	0	0
EASTMAN KODAK CO	COM	277461406	124	26,753	SH	SOLE	1	26,753	0	0
EATON CORP PLC	COM	G29183103	16,770	133,104	SH	SOLE	1	133,104	0	0
EBAY INC	COM	278642103	11,761	282,241	SH	SOLE	1	282,241	0	0
EBIX INC	COM	278715206	238	14,092	SH	SOLE	1	14,092	0	0
ECHOSTAR CORP A	COM	278768106	319	16,508	SH	SOLE	1	16,508	0	0
ECOLAB INC	COM	278865100	12,505	81,327	SH	SOLE	1	81,327	0	0
ECOVYST INC	COM	27923Q109	295	29,954	SH	SOLE	1	29,954	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	1,003	29,062	SH	SOLE	1	29,062	0	0
EDGEWISE THERAPEUTICS INC	COM	28036F105	111	13,913	SH	SOLE	1	13,913	0	0
EDGIO INC	COM	53261M104	148	64,272	SH	SOLE	1	64,272	0	0
EDISON INTERNATIONAL	COM	281020107	6,716	106,191	SH	SOLE	1	106,191	0	0
EDITAS MEDICINE INC	COM	28106W103	383	32,335	SH	SOLE	1	32,335	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	18,924	199,013	SH	SOLE	1	199,013	0	0
EGAIN CORP	COM	28225C806	95	9,768	SH	SOLE	1	9,768	0	0
EHEALTH INC	COM	28238P109	123	13,186	SH	SOLE	1	13,186	0	0
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	121	19,177	SH	SOLE	1	19,177	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	104	10,565	SH	SOLE	1	10,565	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	91	4,659	SH	SOLE	1	4,659	0	0
ELASTIC NV	COM	N14506104	81	1,190	SH	SOLE	1	1,190	0	0
ELECTRONIC ARTS INC	COM	285512109	13,369	109,897	SH	SOLE	1	109,897	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	43	2,415	SH	SOLE	1	2,415	0	0
ELEVANCE HEALTH INC	COM	036752103	35,952	74,500	SH	SOLE	1	74,500	0	0
ELF BEAUTY INC	COM	26856L103	804	26,198	SH	SOLE	1	26,198	0	0
ELI LILLY CO	COM	532457108	79,939	246,550	SH	SOLE	1	246,550	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	452	30,789	SH	SOLE	1	30,789	0	0
EMBECTA CORP	COM	29082K105	788	31,110	SH	SOLE	1	31,110	0	0
EMCOR GROUP INC	COM	29084Q100	11,088	107,690	SH	SOLE	1	107,690	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	834	26,867	SH	SOLE	1	26,867	0	0
EMERSON ELECTRIC CO	COM	291011104	15,225	191,408	SH	SOLE	1	191,408	0	0
EMPIRE PETROLEUM CORP	COM	292034303	38	3,170	SH	SOLE	1	3,170	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	455	64,665	SH	SOLE	1	64,665	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	627	14,970	SH	SOLE	1	14,970	0	0
ENACT HOLDINGS INC	COM	29249E109	302	14,061	SH	SOLE	1	14,061	0	0

ENANTA PHARMACEUTICALS INC	COM	29251M106	498	10,526	SH	SOLE	1	10,526	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	9,241	164,875	SH	SOLE	1	164,875	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	753	13,037	SH	SOLE	1	13,037	0	0
ENCORE WIRE CORP	COM	292562105	1,077	10,368	SH	SOLE	1	10,368	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	51	109,654	SH	SOLE	1	109,654	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	3,936	138,830	SH	SOLE	1	138,830	0	0
ENERGY FUELS INC	COM	292671708	359	73,034	SH	SOLE	1	73,034	0	0
ENERGY RECOVERY INC	COM	29270J100	507	26,119	SH	SOLE	1	26,119	0	0
ENERGY VAULT HOLDINGS INC	COM	29280W109	118	11,778	SH	SOLE	1	11,778	0	0
ENERPAC TOOL GROUP CORP	CL A	292765104	627	32,963	SH	SOLE	1	32,963	0	0
ENERSYS	COM	29275Y102	5,135	87,097	SH	SOLE	1	87,097	0	0
ENETI INC	COM	Y2294C107	66	10,713	SH	SOLE	1	10,713	0	0
ENFUSION INC CLASS A	CL A	292812104	122	11,920	SH	SOLE	1	11,920	0	0
ENGAGESMART INC	COM	29283F103	263	16,335	SH	SOLE	1	16,335	0	0
ENNIS INC	COM	293389102	241	11,896	SH	SOLE	1	11,896	0	0
ENOCHIAN BIOSCIENCES INC	COM	29350E104	18	9,249	SH	SOLE	1	9,249	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	499	17,304	SH	SOLE	1	17,304	0	0
ENOVIS CORP	COM	194014502	4,274	77,703	SH	SOLE	1	77,703	0	0
ENOVIX CORP	COM	293594107	454	50,920	SH	SOLE	1	50,920	0	0
ENPHASE ENERGY INC	COM	29355A107	8,156	41,772	SH	SOLE	1	41,772	0	0
ENPRO INDUSTRIES INC	COM	29355X107	924	11,277	SH	SOLE	1	11,277	0	0
ENSIGN GROUP INC/THE	COM	29358P101	2,138	29,104	SH	SOLE	1	29,104	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,158	5,414	SH	SOLE	1	5,414	0	0
ENTEGRIS INC	COM	29362U104	195	2,118	SH	SOLE	1	2,118	0	0
ENTERGY CORP	COM	29364G103	6,384	56,679	SH	SOLE	1	56,679	0	0
ENTERPRISE BANCORP INC	COM	293668109	141	4,369	SH	SOLE	1	4,369	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	685	16,513	SH	SOLE	1	16,513	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	127	27,803	SH	SOLE	1	27,803	0	0
ENVESTNET INC	COM	29404K106	6,139	116,335	SH	SOLE	1	116,335	0	0
ENVISTA HOLDINGS CORP	COM	29415F104	10,355	268,678	SH	SOLE	1	268,678	0	0
ENVIVA INC	COM	29415B103	27	478	SH	SOLE	1	478	0	0
EOG RESOURCES INC	COM	26875P101	21,903	198,322	SH	SOLE	1	198,322	0	0
EPAM SYSTEMS INC	COM	29414B104	4,963	16,835	SH	SOLE	1	16,835	0	0
EPLUS INC	COM	294268107	765	14,395	SH	SOLE	1	14,395	0	0
EPR PROPERTIES	COM	26884U109	5,813	123,855	SH	SOLE	1	123,855	0	0
EQRX INC	COM	26886C107	300	64,000	SH	SOLE	1	64,000	0	0
EQT CORP	COM	26884L109	16,828	489,199	SH	SOLE	1	489,199	0	0
EQUIFAX INC	COM	294429105	6,541	35,788	SH	SOLE	1	35,788	0	0
EQUINIX INC	COM	29444U700	17,957	27,331	SH	SOLE	1	27,331	0	0
EQUITABLE HOLDINGS INC	COM	29452E101	104	4,007	SH	SOLE	1	4,007	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	5,472	860,310	SH	SOLE	1	860,310	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	210	7,191	SH	SOLE	1	7,191	0	0
EQUITY COMMONWEALTH	COM	294628102	1,391	50,513	SH	SOLE	1	50,513	0	0
EQUITY LIFESTYLE	COM	29472R108	170	2,419	SH	SOLE	1	2,419	0	0

PROPERTIES										
EQUITY RESIDENTIAL	COM	29476L107	7,181	99,429	SH	SOLE	1	99,429	0	0
ERASCA INC	COM	29479A108	169	30,358	SH	SOLE	1	30,358	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	69	358	SH	SOLE	1	358	0	0
ERMENEGILDO ZEGNA HOLDITALIA	ORD SHS	N30577105	234	22,139	SH	SOLE	1	22,139	0	0
ESAB CORP	COM	29605J106	3,300	75,436	SH	SOLE	1	75,436	0	0
ESCO TECHNOLOGIES INC	COM	296315104	955	13,969	SH	SOLE	1	13,969	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	188	29,517	SH	SOLE	1	29,517	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	108	3,241	SH	SOLE	1	3,241	0	0
ESS TECH INC	COM	26916J106	106	37,756	SH	SOLE	1	37,756	0	0
ESSENT GROUP LTD	COM	G3198U102	8,791	225,981	SH	SOLE	1	225,981	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	1,521	70,783	SH	SOLE	1	70,783	0	0
ESSENTIAL UTILITIES INC	COM	29670G102	17,442	380,418	SH	SOLE	1	380,418	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	4,846	18,531	SH	SOLE	1	18,531	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	22,021	86,469	SH	SOLE	1	86,469	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	247	12,216	SH	SOLE	1	12,216	0	0
ETSY INC	COM	29786A106	3,792	51,793	SH	SOLE	1	51,793	0	0
EURONET WORLDWIDE INC	COM	298736109	8,417	83,681	SH	SOLE	1	83,681	0	0
EUROPEAN WAX CENTER INC A	COM	29882P106	174	9,896	SH	SOLE	1	9,896	0	0
EVENTBRITE INC CLASS A	COM	29975E109	371	36,085	SH	SOLE	1	36,085	0	0
EVERBRIDGE INC	COM	29978A104	517	18,529	SH	SOLE	1	18,529	0	0
EVERCOMMERCE INC	COM	29977X105	102	11,306	SH	SOLE	1	11,306	0	0
EVERCORE INC A	COM	29977A105	6,276	67,042	SH	SOLE	1	67,042	0	0
EVEREST RE GROUP LTD	COM	G3223R108	3,097	11,048	SH	SOLE	1	11,048	0	0
EVERGY INC	COM	30034W106	4,168	63,883	SH	SOLE	1	63,883	0	0
EVERI HOLDINGS INC	COM	30034T103	671	41,136	SH	SOLE	1	41,136	0	0
EVERQUOTE INC CLASS A	COM	30041R108	80	9,072	SH	SOLE	1	9,072	0	0
EVERSOURCE ENERGY	COM	30040W108	11,375	134,661	SH	SOLE	1	134,661	0	0
EVERTEC INC	COM	30040P103	1,199	32,513	SH	SOLE	1	32,513	0	0
EVGO INC	CL A	30052F100	191	31,810	SH	SOLE	1	31,810	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	521	22,137	SH	SOLE	1	22,137	0	0
EVOLENT HEALTH INC A	COM	30050B101	1,178	38,371	SH	SOLE	1	38,371	0	0
EVOLUS INC	COM	30052C107	192	16,574	SH	SOLE	1	16,574	0	0
EVOLV TECHNOLOGIES HOLDINGS	CL A	30049H102	105	39,344	SH	SOLE	1	39,344	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	1,790	55,068	SH	SOLE	1	55,068	0	0
EW SCRIPPS CO/THE A	COM	811054402	395	31,637	SH	SOLE	1	31,637	0	0
EXACT SCIENCES CORP	COM	30063P105	78	1,992	SH	SOLE	1	1,992	0	0
EXCELERATE ENERGY INC A	CL A	30069T101	173	8,683	SH	SOLE	1	8,683	0	0
EXELIXIS INC	COM	30161Q104	11,061	531,285	SH	SOLE	1	531,285	0	0
EXELON CORP	COM	30161N101	14,630	322,825	SH	SOLE	1	322,825	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	2,595	17,613	SH	SOLE	1	17,613	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	378	32,112	SH	SOLE	1	32,112	0	0

EXPEDIA GROUP INC	COM	30212P303	4,109	43,325	SH	SOLE	1	43,325	0	0
EXPEDITORS INTL WASH INC	COM	302130109	6,192	63,538	SH	SOLE	1	63,538	0	0
EXPONENT INC	COM	30214U102	2,557	27,954	SH	SOLE	1	27,954	0	0
EXPRESS INC	COM	30219E103	59	30,068	SH	SOLE	1	30,068	0	0
EXPRO GROUP HOLDINGS NV	COM	N3144W105	418	36,288	SH	SOLE	1	36,288	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	6,637	39,011	SH	SOLE	1	39,011	0	0
EXTREME NETWORKS INC	COM	30226D106	620	69,481	SH	SOLE	1	69,481	0	0
EXXON MOBIL CORP	COM	30231G102	96,773	1,129,994	SH	SOLE	1	1,129,994	0	0
EYEPOINT PHARMACEUTICALS INC	COM	30233G209	96	12,209	SH	SOLE	1	12,209	0	0
EZCORP INC CL A	CL A	302301106	205	27,352	SH	SOLE	1	27,352	0	0
F45 TRAINING HOLDINGS INC	COM	30322L101	67	16,937	SH	SOLE	1	16,937	0	0
F5 INC	COM	315616102	2,635	17,218	SH	SOLE	1	17,218	0	0
FABRINET	COM	G3323L100	1,622	20,000	SH	SOLE	1	20,000	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	4,234	11,009	SH	SOLE	1	11,009	0	0
FAIR ISAAC CORP	COM	303250104	17,225	42,967	SH	SOLE	1	42,967	0	0
FARADAY FUTURE INTELLIGENT E	COM	307359109	121	46,487	SH	SOLE	1	46,487	0	0
FARMERS MERCHANTS BANCO/OH	COM	30779N105	188	5,669	SH	SOLE	1	5,669	0	0
FARMERS NATL BANC CORP	COM	309627107	221	14,733	SH	SOLE	1	14,733	0	0
FARMLAND PARTNERS INC	COM	31154R109	296	21,435	SH	SOLE	1	21,435	0	0
FARO TECHNOLOGIES INC	COM	311642102	305	9,909	SH	SOLE	1	9,909	0	0
FASTENAL CO	COM	311900104	10,472	209,782	SH	SOLE	1	209,782	0	0
FASTLY INC CLASS A	CL A	31188V100	606	52,228	SH	SOLE	1	52,228	0	0
FATE THERAPEUTICS INC	COM	31189P102	964	38,907	SH	SOLE	1	38,907	0	0
FATHOM DIGITAL MANUFACTURING	CL A	31189Y103	18	4,727	SH	SOLE	1	4,727	0	0
FB FINANCIAL CORP	COM	30257X104	768	19,580	SH	SOLE	1	19,580	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	416	4,262	SH	SOLE	1	4,262	0	0
FEDERAL REALTY INVS TRUST	SH BEN INT	313745101	1,947	20,337	SH	SOLE	1	20,337	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,155	32,434	SH	SOLE	1	32,434	0	0
FEDERATED HERMES INC	CL B	314211103	6,091	191,589	SH	SOLE	1	191,589	0	0
FEDEX CORP	COM	31428X106	14,501	63,961	SH	SOLE	1	63,961	0	0
FIBROGEN INC	COM	31572Q808	432	40,934	SH	SOLE	1	40,934	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	104	2,804	SH	SOLE	1	2,804	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	17,640	192,425	SH	SOLE	1	192,425	0	0
FIFTH THIRD BANCORP	COM	316773100	6,423	191,170	SH	SOLE	1	191,170	0	0
FIGS INC CLASS A	CL A	30260D103	544	59,695	SH	SOLE	1	59,695	0	0
FINANCE OF AMERICA COS INC A	CL A	31738L107	29	18,171	SH	SOLE	1	18,171	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	184	7,070	SH	SOLE	1	7,070	0	0
FIRST ADVANTAGE CORP	COM	31846B108	348	27,484	SH	SOLE	1	27,484	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	9,389	177,418	SH	SOLE	1	177,418	0	0
FIRST BANCORP INC/ME	COM	31866P102	137	4,552	SH	SOLE	1	4,552	0	0

FIRST BANCORP PUERTO RICO	COM	318672706	1,373	106,364	SH	SOLE	1	106,364	0	0
FIRST BANCORP/NC	COM	318910106	665	19,068	SH	SOLE	1	19,068	0	0
FIRST BANCSHARES INC/MS	COM	318916103	264	9,216	SH	SOLE	1	9,216	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	101	7,256	SH	SOLE	1	7,256	0	0
FIRST BUSEY CORP	COM	319383204	552	24,162	SH	SOLE	1	24,162	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	117	3,754	SH	SOLE	1	3,754	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	93	143	SH	SOLE	1	143	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	680	50,669	SH	SOLE	1	50,669	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	225	7,647	SH	SOLE	1	7,647	0	0
FIRST FINANCIAL BANCORP	COM	320209109	982	50,595	SH	SOLE	1	50,595	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	238	5,357	SH	SOLE	1	5,357	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	10,670	271,718	SH	SOLE	1	271,718	0	0
FIRST FOUNDATION INC	COM	32026V104	490	23,942	SH	SOLE	1	23,942	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	69	2,839	SH	SOLE	1	2,839	0	0
FIRST HAWAIIAN INC	COM	32051X108	245	10,780	SH	SOLE	1	10,780	0	0
FIRST HORIZON CORP	COM	320517105	19,317	883,660	SH	SOLE	1	883,660	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	10,355	218,088	SH	SOLE	1	218,088	0	0
FIRST INTERNET BANCORP	COM	320557101	156	4,247	SH	SOLE	1	4,247	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	1,672	43,861	SH	SOLE	1	43,861	0	0
FIRST MERCHANTS CORP	COM	320817109	954	26,796	SH	SOLE	1	26,796	0	0
FIRST MID BANCSHARES INC	COM	320866106	311	8,723	SH	SOLE	1	8,723	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	183	10,429	SH	SOLE	1	10,429	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	8,136	56,422	SH	SOLE	1	56,422	0	0
FIRST SOLAR INC	COM	336433107	11,163	163,845	SH	SOLE	1	163,845	0	0
FIRST WATCH RESTAURANT GROUP	COM	33748L101	67	4,641	SH	SOLE	1	4,641	0	0
FIRST WESTERN FINANCIAL INC	COM	33751L105	100	3,695	SH	SOLE	1	3,695	0	0
FIRSTCASH HOLDINGS INC	COM	33768G107	5,752	82,745	SH	SOLE	1	82,745	0	0
FIRSTENERGY CORP	COM	337932107	6,098	158,834	SH	SOLE	1	158,834	0	0
FISERV INC	COM	337738108	21,120	237,388	SH	SOLE	1	237,388	0	0
FISKER INC	CL A	33813J106	652	76,092	SH	SOLE	1	76,092	0	0
FIVE BELOW	COM	33829M101	10,434	91,987	SH	SOLE	1	91,987	0	0
FIVE STAR BANCORP	COM	33830T103	156	5,891	SH	SOLE	1	5,891	0	0
FIVE9 INC	COM	338307101	98	1,078	SH	SOLE	1	1,078	0	0
FLAGSTAR BANCORP INC	COM	337930705	1,007	28,403	SH	SOLE	1	28,403	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	4,606	21,921	SH	SOLE	1	21,921	0	0
FLEX LNG LTD	LTD SHS	G35947202	366	13,347	SH	SOLE	1	13,347	0	0
FLOOR DECOR HOLDINGS INC A	COM	339750101	101	1,612	SH	SOLE	1	1,612	0	0
FLOWERS FOODS INC	COM	343498101	8,664	329,175	SH	SOLE	1	329,175	0	0
FLOWSERVE CORP	COM	34354P105	6,180	215,846	SH	SOLE	1	215,846	0	0

FLUENCE ENERGY INC	CL A	34379V103	159	16,817	SH	SOLE	1	16,817	0	0
FLUOR CORP	COM	343412102	7,296	299,770	SH	SOLE	1	299,770	0	0
FLUSHING FINANCIAL CORP	COM	343873105	286	13,469	SH	SOLE	1	13,469	0	0
FLYWIRE CORP VOTING	COM	302492103	456	25,876	SH	SOLE	1	25,876	0	0
FMC CORP	COM	302491303	3,780	35,323	SH	SOLE	1	35,323	0	0
FNB CORP	COM	302520101	6,055	557,589	SH	SOLE	1	557,589	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	925	27,156	SH	SOLE	1	27,156	0	0
FOCUS UNIVERSAL INC	COM	34417J104	95	8,286	SH	SOLE	1	8,286	0	0
FOGHORN THERAPEUTICS INC	COM	344174107	128	9,405	SH	SOLE	1	9,405	0	0
FOOT LOCKER INC	COM	344849104	4,448	176,139	SH	SOLE	1	176,139	0	0
FORD MOTOR CO	COM	345370860	11,790	1,059,277	SH	SOLE	1	1,059,277	0	0
FORESTAR GROUP INC	COM	346232101	117	8,527	SH	SOLE	1	8,527	0	0
FORGEROCK INC A	CL A	34631B101	280	13,051	SH	SOLE	1	13,051	0	0
FORMA THERAPEUTICS HOLDINGS	SHS	34633R104	117	16,930	SH	SOLE	1	16,930	0	0
FORMFACTOR INC	COM	346375108	1,638	42,284	SH	SOLE	1	42,284	0	0
FORRESTER RESEARCH INC	COM	346563109	292	6,102	SH	SOLE	1	6,102	0	0
FORTINET INC	COM	34959E109	15,824	279,672	SH	SOLE	1	279,672	0	0
FORTIVE CORP	COM	34959J108	5,905	108,596	SH	SOLE	1	108,596	0	0
FORTUNE BRANDS HOME SECURI	COM	34964C106	2,237	37,353	SH	SOLE	1	37,353	0	0
FORWARD AIR CORP	COM	349853101	1,339	14,565	SH	SOLE	1	14,565	0	0
FOSSIL GROUP INC	COM	34988V106	131	25,292	SH	SOLE	1	25,292	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,155	43,448	SH	SOLE	1	43,448	0	0
FOX CORP CLASS A	COM	35137L105	2,793	86,855	SH	SOLE	1	86,855	0	0
FOX CORP CLASS B	COM	35137L204	1,197	40,302	SH	SOLE	1	40,302	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	7,172	89,055	SH	SOLE	1	89,055	0	0
FRANCHISE GROUP INC	COM	35180X105	452	12,889	SH	SOLE	1	12,889	0	0
FRANKLIN BSP REALTY TRUST IN	COM	35243J101	614	45,580	SH	SOLE	1	45,580	0	0
FRANKLIN COVEY CO	COM	353469109	272	5,892	SH	SOLE	1	5,892	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	1,791	24,449	SH	SOLE	1	24,449	0	0
FRANKLIN RESOURCES INC	COM	354613101	1,853	79,512	SH	SOLE	1	79,512	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	221	53,068	SH	SOLE	1	53,068	0	0
FREEMPORT MCMORAN INC	COM	35671D857	11,586	395,983	SH	SOLE	1	395,983	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	495	16,753	SH	SOLE	1	16,753	0	0
FRESHPET INC	COM	358039105	31	607	SH	SOLE	1	607	0	0
FRONTDOOR INC	COM	35905A109	933	38,749	SH	SOLE	1	38,749	0	0
FRONTIER COMMUNICATIONS PARE	COM	35909D109	60	2,563	SH	SOLE	1	2,563	0	0
FRONTIER GROUP HOLDINGS INC	COM	35909R108	164	17,463	SH	SOLE	1	17,463	0	0
FRONTLINE LTD	COM	G3682E192	517	58,372	SH	SOLE	1	58,372	0	0
FRP HOLDINGS INC	COM	30292L107	189	3,136	SH	SOLE	1	3,136	0	0
FTC SOLAR INC	COM	30320C103	70	19,382	SH	SOLE	1	19,382	0	0
FTI CONSULTING INC	COM	302941109	10,311	57,016	SH	SOLE	1	57,016	0	0
FUBOTV INC	COM	35953D104	206	83,381	SH	SOLE	1	83,381	0	0
FUELCELL ENERGY INC	COM	35952H601	649	172,936	SH	SOLE	1	172,936	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	78	15,983	SH	SOLE	1	15,983	0	0

FULGENT GENETICS INC	COM	359664109	629	11,543	SH	SOLE	1	11,543	0	0
FULL HOUSE RESORTS INC	COM	359678109	94	15,387	SH	SOLE	1	15,387	0	0
FULTON FINANCIAL CORP	COM	360271100	4,911	339,860	SH	SOLE	1	339,860	0	0
FUNKO INC CLASS A	COM	361008105	333	14,900	SH	SOLE	1	14,900	0	0
FUTU HOLDINGS LTD ADR	CL A	36118L106	516	9,877	SH	SOLE	1	9,877	0	0
FUTUREFUEL CORP	COM	36116M106	102	14,000	SH	SOLE	1	14,000	0	0
FVCBANKCORP INC	COM	36120Q101	105	5,592	SH	SOLE	1	5,592	0	0
G III APPAREL GROUP LTD	COM	36237H101	478	23,604	SH	SOLE	1	23,604	0	0
GAMBLING.COM GROUP LTD	LTD ORD SHS	G3R239101	32	4,060	SH	SOLE	1	4,060	0	0
GAMCO INVESTORS INC A	COM	361438104	47	2,239	SH	SOLE	1	2,239	0	0
GAMESTOP CORP CLASS A	COM	36467W109	12,501	102,218	SH	SOLE	1	102,218	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	114	2,476	SH	SOLE	1	2,476	0	0
GANNETT CO INC	COM	36472T109	227	78,214	SH	SOLE	1	78,214	0	0
GAP INC/THE	COM	364760108	2,868	348,109	SH	SOLE	1	348,109	0	0
GARMIN LTD	COM	H2906T109	4,372	44,500	SH	SOLE	1	44,500	0	0
GARTNER INC	COM	366651107	6,792	28,087	SH	SOLE	1	28,087	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	13	1,158	SH	SOLE	1	1,158	0	0
GATX CORP	COM	361448103	7,068	75,066	SH	SOLE	1	75,066	0	0
GCM GROSVENOR INC CLASS A	CL A	36831E108	137	20,020	SH	SOLE	1	20,020	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	853	27,278	SH	SOLE	1	27,278	0	0
GELESIS HOLDINGS INC	COM	36850R204	7	4,615	SH	SOLE	1	4,615	0	0
GENCO SHIPPING TRADING LTD	COM	Y2685T131	332	17,162	SH	SOLE	1	17,162	0	0
GENERAC HOLDINGS INC	COM	368736104	3,963	18,818	SH	SOLE	1	18,818	0	0
GENERAL DYNAMICS CORP	COM	369550108	13,680	61,829	SH	SOLE	1	61,829	0	0
GENERAL ELECTRIC CO	COM	369604301	18,798	295,248	SH	SOLE	1	295,248	0	0
GENERAL MILLS INC	COM	370334104	15,084	199,915	SH	SOLE	1	199,915	0	0
GENERAL MOTORS CO	COM	37045V100	12,422	391,108	SH	SOLE	1	391,108	0	0
GENERATION BIO CO	COM	37148K100	143	21,775	SH	SOLE	1	21,775	0	0
GENESCO INC	COM	371532102	354	7,087	SH	SOLE	1	7,087	0	0
GENPACT LTD	COM	G3922B107	11,947	282,028	SH	SOLE	1	282,028	0	0
GENTEX CORP	COM	371901109	10,835	387,377	SH	SOLE	1	387,377	0	0
GENTHERM INC	COM	37253A103	1,120	17,949	SH	SOLE	1	17,949	0	0
GENUINE PARTS CO	COM	372460105	6,447	48,476	SH	SOLE	1	48,476	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	974	275,924	SH	SOLE	1	275,924	0	0
GEO GROUP INC/THE	COM	36162J106	426	64,580	SH	SOLE	1	64,580	0	0
GERMAN AMERICAN BANCORP	COM	373865104	443	12,960	SH	SOLE	1	12,960	0	0
GERON CORP	COM	374163103	261	168,156	SH	SOLE	1	168,156	0	0
GETTY REALTY CORP	COM	374297109	603	22,745	SH	SOLE	1	22,745	0	0
GEVO INC	COM	374396406	217	92,133	SH	SOLE	1	92,133	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	691	17,832	SH	SOLE	1	17,832	0	0
GILEAD SCIENCES INC	COM	375558103	25,534	413,098	SH	SOLE	1	413,098	0	0
GINKGO BIOWORKS HOLDINGS INC	CL A	37611X100	22	9,440	SH	SOLE	1	9,440	0	0
GLACIER BANCORP INC	COM	37637Q105	10,918	230,246	SH	SOLE	1	230,246	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	338	17,926	SH	SOLE	1	17,926	0	0

GLADSTONE LAND CORP	COM	376549101	334	15,086	SH	SOLE	1	15,086	0	0
GLATFELTER CORP	COM	377320106	164	23,895	SH	SOLE	1	23,895	0	0
GLAUKOS CORP	COM	377322102	1,131	24,905	SH	SOLE	1	24,905	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	932	29,170	SH	SOLE	1	29,170	0	0
GLOBAL INDUSTRIAL CO	COM	37892E102	206	6,087	SH	SOLE	1	6,087	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	321	28,568	SH	SOLE	1	28,568	0	0
GLOBAL NET LEASE INC	COM	379378201	799	56,423	SH	SOLE	1	56,423	0	0
GLOBAL PAYMENTS INC	COM	37940X102	8,679	78,445	SH	SOLE	1	78,445	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	80	6,045	SH	SOLE	1	6,045	0	0
GLOBALFOUNDRIES INC	ORD SHS	G39387108	30	732	SH	SOLE	1	732	0	0
GLOBALSTAR INC	COM	378973408	394	320,224	SH	SOLE	1	320,224	0	0
GLOBANT SA	COM	L44385109	111	636	SH	SOLE	1	636	0	0
GLOBE LIFE INC	COM	37959E102	2,464	25,280	SH	SOLE	1	25,280	0	0
GLOBUS MEDICAL INC A	COM	379577208	7,356	131,035	SH	SOLE	1	131,035	0	0
GMS INC	COM	36251C103	1,042	23,421	SH	SOLE	1	23,421	0	0
GODADDY INC CLASS A	COM	380237107	126	1,809	SH	SOLE	1	1,809	0	0
GOGO INC	COM	38046C109	461	28,453	SH	SOLE	1	28,453	0	0
GOLAR LNG LTD	COM	G9456A100	1,075	47,254	SH	SOLE	1	47,254	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	438	11,068	SH	SOLE	1	11,068	0	0
GOLDEN OCEAN GROUP LTD	LTD SHS	G39637205	669	57,465	SH	SOLE	1	57,465	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	28,520	96,021	SH	SOLE	1	96,021	0	0
GOODYEAR TIRE RUBBER CO	COM	382550101	6,373	595,086	SH	SOLE	1	595,086	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	407	8,916	SH	SOLE	1	8,916	0	0
GOPRO INC CLASS A	COM	38268T103	338	61,207	SH	SOLE	1	61,207	0	0
GORMAN RUPP CO	COM	383082104	301	10,647	SH	SOLE	1	10,647	0	0
GOSSAMER BIO INC	COM	38341P102	247	29,478	SH	SOLE	1	29,478	0	0
GRAB HOLDINGS LTD CL A	COM	G4124C109	405	160,155	SH	SOLE	1	160,155	0	0
GRACO INC	COM	384109104	16,645	280,175	SH	SOLE	1	280,175	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	650	91,999	SH	SOLE	1	91,999	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	4,645	8,194	SH	SOLE	1	8,194	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	5,029	53,393	SH	SOLE	1	53,393	0	0
GRANITE CONSTRUCTION INC	COM	387328107	718	24,656	SH	SOLE	1	24,656	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	277	28,975	SH	SOLE	1	28,975	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	90	4,414	SH	SOLE	1	4,414	0	0
GRAY TELEVISION INC	COM	389375106	669	39,591	SH	SOLE	1	39,591	0	0
GREAT LAKES DREDGE DOCK CO	COM	390607109	401	30,592	SH	SOLE	1	30,592	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	263	4,488	SH	SOLE	1	4,488	0	0
GREEN BRICK PARTNERS INC	COM	392709101	262	13,371	SH	SOLE	1	13,371	0	0
GREEN DOT CORP CLASS A	COM	39304D102	671	26,733	SH	SOLE	1	26,733	0	0
GREEN PLAINS INC	COM	393222104	778	28,650	SH	SOLE	1	28,650	0	0
GREENBRIER	COM	393657101	623	17,307	SH	SOLE	1	17,307	0	0

COMPANIES INC										
GREENE COUNTY BANCORP INC	COM	394357107	72	1,584	SH	SOLE	1	1,584	0	0
GREENIDGE GENERATION HOLDING	CL A	39531G100	15	5,989	SH	SOLE	1	5,989	0	0
GREENLIGHT BIOSCIENCES HOLDI	COM	39536G105	15	6,572	SH	SOLE	1	6,572	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	95	12,233	SH	SOLE	1	12,233	0	0
GREIF INC CL A	CL A	397624107	3,479	55,767	SH	SOLE	1	55,767	0	0
GREIF INC CL B	COM	397624206	157	2,522	SH	SOLE	1	2,522	0	0
GRID DYNAMICS HOLDINGS INC	CL A	39813G109	383	22,750	SH	SOLE	1	22,750	0	0
GRIFFON CORP	COM	398433102	703	25,095	SH	SOLE	1	25,095	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	6,178	144,927	SH	SOLE	1	144,927	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	1,486	8,749	SH	SOLE	1	8,749	0	0
GROUPON INC	COM	399473206	114	10,092	SH	SOLE	1	10,092	0	0
GROWGENERATION CORP	COM	39986L109	96	26,869	SH	SOLE	1	26,869	0	0
GTY TECHNOLOGY HOLDINGS INC	COM	362409104	120	19,094	SH	SOLE	1	19,094	0	0
GUARANTY BANCSHARES INC	COM	400764106	140	3,859	SH	SOLE	1	3,859	0	0
GUARDANT HEALTH INC	COM	40131M109	61	1,522	SH	SOLE	1	1,522	0	0
GUESS INC	COM	401617105	317	18,582	SH	SOLE	1	18,582	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	62	875	SH	SOLE	1	875	0	0
GULFPORT ENERGY CORP	COM	402635502	443	5,571	SH	SOLE	1	5,571	0	0
GXO LOGISTICS INC	COM	36262G101	7,279	168,221	SH	SOLE	1	168,221	0	0
H WORLD GROUP LTD ADR	ADR	44332N106	85	2,224	SH	SOLE	1	2,224	0	0
H.B. FULLER CO.	COM	359694106	1,732	28,758	SH	SOLE	1	28,758	0	0
HE EQUIPMENT SERVICES INC	COM	404030108	433	14,934	SH	SOLE	1	14,934	0	0
HR BLOCK INC	COM	093671105	9,340	264,430	SH	SOLE	1	264,430	0	0
HACKETT GROUP INC/THE	COM	404609109	239	12,616	SH	SOLE	1	12,616	0	0
HAEMONETICS CORP/MASS	COM	405024100	7,019	107,684	SH	SOLE	1	107,684	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	4,335	182,621	SH	SOLE	1	182,621	0	0
HALLIBURTON CO	COM	406216101	7,948	253,452	SH	SOLE	1	253,452	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	12,760	289,997	SH	SOLE	1	289,997	0	0
HAMILTON LANE INC CLASS A	COM	407497106	1,110	16,526	SH	SOLE	1	16,526	0	0
HANCOCK WHITNEY CORP	COM	410120109	8,074	182,145	SH	SOLE	1	182,145	0	0
HANESBRANDS INC	COM	410345102	5,930	576,243	SH	SOLE	1	576,243	0	0
HANGER INC	COM	41043F208	293	20,453	SH	SOLE	1	20,453	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	368	16,416	SH	SOLE	1	16,416	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	1,510	39,893	SH	SOLE	1	39,893	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	8,600	58,800	SH	SOLE	1	58,800	0	0
HARBORONE BANCORP INC	COM	41165Y100	294	21,350	SH	SOLE	1	21,350	0	0
HARLEY DAVIDSON INC	COM	412822108	7,705	243,363	SH	SOLE	1	243,363	0	0
HARMONIC INC	COM	413160102	440	50,791	SH	SOLE	1	50,791	0	0

HARMONY BIOSCIENCES HOLDINGS	COM	413197104	681	13,971	SH	SOLE	1	13,971	0	0
HARSCO CORP	COM	415864107	303	42,623	SH	SOLE	1	42,623	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	6,285	96,055	SH	SOLE	1	96,055	0	0
HASBRO INC	COM	418056107	3,275	40,003	SH	SOLE	1	40,003	0	0
HAVERTY FURNITURE	COM	419596101	188	8,092	SH	SOLE	1	8,092	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	7,394	180,794	SH	SOLE	1	180,794	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	393	27,488	SH	SOLE	1	27,488	0	0
HAWKINS INC	COM	420261109	377	10,462	SH	SOLE	1	10,462	0	0
HAYNES INTERNATIONAL INC	COM	420877201	218	6,642	SH	SOLE	1	6,642	0	0
HAYWARD HOLDINGS INC	COM	421298100	10	729	SH	SOLE	1	729	0	0
HBT FINANCIAL INC/DE	COM	404111106	85	4,752	SH	SOLE	1	4,752	0	0
HCA HEALTHCARE INC	COM	40412C101	13,183	78,441	SH	SOLE	1	78,441	0	0
HCI GROUP INC	COM	40416E103	269	3,963	SH	SOLE	1	3,963	0	0
HEALTH CATALYST INC	COM	42225T107	367	25,305	SH	SOLE	1	25,305	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	8,698	319,784	SH	SOLE	1	319,784	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	699	40,155	SH	SOLE	1	40,155	0	0
HEALTHCARE TRUST OF AME CL A	CL A	42225P501	67	2,392	SH	SOLE	1	2,392	0	0
HEALTHEQUITY INC	COM	42226A107	10,888	177,361	SH	SOLE	1	177,361	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	3,896	150,377	SH	SOLE	1	150,377	0	0
HEALTHSTREAM INC	COM	42222N103	285	13,106	SH	SOLE	1	13,106	0	0
HEARTLAND EXPRESS INC	COM	422347104	352	25,302	SH	SOLE	1	25,302	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	799	19,230	SH	SOLE	1	19,230	0	0
HECLA MINING CO	COM	422704106	981	250,348	SH	SOLE	1	250,348	0	0
HEICO CORP	COM	422806109	90	688	SH	SOLE	1	688	0	0
HEICO CORP CLASS A	COM	422806208	127	1,207	SH	SOLE	1	1,207	0	0
HEIDRICK STRUGGLES INTL	COM	422819102	343	10,601	SH	SOLE	1	10,601	0	0
HELEN OF TROY LTD	COM	G4388N106	8,164	50,269	SH	SOLE	1	50,269	0	0
HELIOGEN INC	COM	42329E105	19	8,953	SH	SOLE	1	8,953	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	1,009	15,231	SH	SOLE	1	15,231	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	240	77,457	SH	SOLE	1	77,457	0	0
HELLO GROUP INC SPN ADR	ADS	423403104	9	1,846	SH	SOLE	1	1,846	0	0
HELMERICH PAYNE	COM	423452101	2,407	55,888	SH	SOLE	1	55,888	0	0
HEMISPHERE MEDIA GROUP INC	CL A	42365Q103	7,387	968,149	SH	SOLE	2	968,149	0	0
HENRY SCHEIN INC	COM	806407102	2,952	38,467	SH	SOLE	1	38,467	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	948	46,366	SH	SOLE	1	46,366	0	0
HERC HOLDINGS INC	COM	42704L104	1,083	12,014	SH	SOLE	1	12,014	0	0
HERITAGE COMMERCE CORP	COM	426927109	294	27,502	SH	SOLE	1	27,502	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	198	7,340	SH	SOLE	1	7,340	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	473	18,783	SH	SOLE	1	18,783	0	0
HERON THERAPEUTICS INC	COM	427746102	134	48,168	SH	SOLE	1	48,168	0	0
HERSHA HOSPITALITY	COM	427825500	168	17,140	SH	SOLE	1	17,140	0	0

TRUST											
HERSHEY CO/THE	COM	427866108	9,055	42,086	SH	SOLE	1	42,086	0	0	
HERTZ GLOBAL HLDGS INC	COM	42806J700	39	2,438	SH	SOLE	1	2,438	0	0	
HESKA CORP	COM	42805E306	502	5,314	SH	SOLE	1	5,314	0	0	
HESS CORP	COM	42809H107	10,425	98,403	SH	SOLE	1	98,403	0	0	
HEWLETT PACKARD ENTERPRISE	COM	42824C109	9,179	692,256	SH	SOLE	1	692,256	0	0	
HEXCEL CORP	COM	428291108	7,264	138,866	SH	SOLE	1	138,866	0	0	
HF FOODS GROUP INC	COM	40417F109	88	16,932	SH	SOLE	1	16,932	0	0	
HF SINCLAIR CORP	COM	403949100	11,160	247,114	SH	SOLE	1	247,114	0	0	
HIBBETT INC	COM	428567101	302	6,913	SH	SOLE	1	6,913	0	0	
HIGHPEAK ENERGY INC	COM	43114Q105	77	2,999	SH	SOLE	1	2,999	0	0	
HIGHWOODS PROPERTIES INC	COM	431284108	5,940	173,722	SH	SOLE	1	173,722	0	0	
HILLENBRAND INC	COM	431571108	1,609	39,287	SH	SOLE	1	39,287	0	0	
HILLEVAX INC	COM	43157M102	66	6,066	SH	SOLE	1	6,066	0	0	
HILLMAN SOLUTIONS CORP	COM	431636109	544	62,999	SH	SOLE	1	62,999	0	0	
HILLTOP HOLDINGS INC	COM	432748101	863	32,381	SH	SOLE	1	32,381	0	0	
HILTON GRAND VACATIONS INC	COM	43283X105	1,500	41,979	SH	SOLE	1	41,979	0	0	
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	9,340	83,808	SH	SOLE	1	83,808	0	0	
HIMS HERS HEALTH INC	CL A	433000106	257	56,807	SH	SOLE	1	56,807	0	0	
HINGHAM INSTITUTION FOR SVGS	COM	433323102	194	684	SH	SOLE	1	684	0	0	
HIPPO HOLDINGS INC	COM	433539103	105	119,152	SH	SOLE	1	119,152	0	0	
HIRERIGHT HOLDINGS CORP	COM	433537107	141	9,925	SH	SOLE	1	9,925	0	0	
HNI CORP	COM	404251100	794	22,897	SH	SOLE	1	22,897	0	0	
HOLLEY INC	COM	43538H103	253	24,069	SH	SOLE	1	24,069	0	0	
HOLOGIC INC	COM	436440101	5,254	75,820	SH	SOLE	1	75,820	0	0	
HOME BANCORP INC	COM	43689E107	117	3,419	SH	SOLE	1	3,419	0	0	
HOME BANCSHARES INC	COM	436893200	8,300	399,614	SH	SOLE	1	399,614	0	0	
HOME DEPOT INC	COM	437076102	88,782	323,703	SH	SOLE	1	323,703	0	0	
HOME POINT CAPITAL INC	COM	43734L106	15	3,717	SH	SOLE	1	3,717	0	0	
HOMESTREET INC	COM	43785V102	339	9,784	SH	SOLE	1	9,784	0	0	
HOMETRUST BANCSHARES INC	COM	437872104	171	6,822	SH	SOLE	1	6,822	0	0	
HONEST CO INC/THE	COM	438333106	89	30,433	SH	SOLE	1	30,433	0	0	
HONEYWELL INTERNATIONAL INC	COM	438516106	38,967	224,193	SH	SOLE	1	224,193	0	0	
HOPE BANCORP INC	COM	43940T109	874	63,133	SH	SOLE	1	63,133	0	0	
HORACE MANN EDUCATORS	COM	440327104	864	22,524	SH	SOLE	1	22,524	0	0	
HORIZON BANCORP INC/IN	COM	440407104	329	18,866	SH	SOLE	1	18,866	0	0	
HORIZON THERAPEUTICS PLC	COM	G46188101	273	3,425	SH	SOLE	1	3,425	0	0	
HORMEL FOODS CORP	COM	440452100	4,866	102,742	SH	SOLE	1	102,742	0	0	
HOST HOTELS RESORTS INC	COM	44107P104	3,123	199,143	SH	SOLE	1	199,143	0	0	
HOSTESS BRANDS INC	COM	44109J106	1,585	74,742	SH	SOLE	1	74,742	0	0	
HOULIHAN LOKEY INC	COM	441593100	1,884	23,875	SH	SOLE	1	23,875	0	0	
HOVNANIAN ENTERPRISES A	CL A	442487401	104	2,419	SH	SOLE	1	2,419	0	0	
HOWARD HUGHES CORP/THE	COM	44267D107	27	403	SH	SOLE	1	403	0	0	
HOWMET AEROSPACE INC	COM	443201108	3,302	105,005	SH	SOLE	1	105,005	0	0	

HP INC	COM	40434L105	17,401	530,828	SH	SOLE	1	530,828	0	0
HUB GROUP INC CL A	CL A	443320106	1,294	18,238	SH	SOLE	1	18,238	0	0
HUBBELL INC	COM	443510607	15,832	88,657	SH	SOLE	1	88,657	0	0
HUBSPOT INC	COM	443573100	214	711	SH	SOLE	1	711	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	3,545	238,905	SH	SOLE	1	238,905	0	0
HUDSON TECHNOLOGIES INC	COM	444144109	152	20,189	SH	SOLE	1	20,189	0	0
HUMACYTE INC	COM	44486Q103	27	8,260	SH	SOLE	1	8,260	0	0
HUMANA INC	COM	444859102	19,069	40,739	SH	SOLE	1	40,739	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	3,827	24,301	SH	SOLE	1	24,301	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	4,825	401,072	SH	SOLE	1	401,072	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	2,439	11,199	SH	SOLE	1	11,199	0	0
HUNTSMAN CORP	COM	447011107	59	2,083	SH	SOLE	1	2,083	0	0
HURON CONSULTING GROUP INC	COM	447462102	640	9,843	SH	SOLE	1	9,843	0	0
HUTCHMED CHINA ADR	ADR	44842L103	11	907	SH	SOLE	1	907	0	0
HYATT HOTELS CORP CL A	CL A	448579102	39	528	SH	SOLE	1	528	0	0
HYCROFT MINING HOLDING CORP	CL A	44862P109	78	70,656	SH	SOLE	1	70,656	0	0
HYDROFARM HOLDINGS GROUP INC	COM	44888K209	71	20,436	SH	SOLE	1	20,436	0	0
HYLIION HOLDINGS CORP	COM	449109107	200	62,113	SH	SOLE	1	62,113	0	0
HYSTER YALE MATERIALS	COM	449172105	163	5,073	SH	SOLE	1	5,073	0	0
HYZON MOTORS INC	CL A	44951Y102	121	41,095	SH	SOLE	1	41,095	0	0
I MAB SPONSORED ADR	ADS	44975P103	5	404	SH	SOLE	1	404	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	258	10,311	SH	SOLE	1	10,311	0	0
IAA INC	COM	449253103	7,274	221,974	SH	SOLE	1	221,974	0	0
IAC/INTERACTIVECORP	COM	44891N208	62	814	SH	SOLE	1	814	0	0
IBEX LTD	SHS	G4690M101	45	2,644	SH	SOLE	1	2,644	0	0
IBEX LTD	SHS NEW	G4690M101	6,815	403,947	SH	SOLE	2	403,947	0	0
ICF INTERNATIONAL INC	COM	44925C103	821	8,639	SH	SOLE	1	8,639	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	396	15,242	SH	SOLE	1	15,242	0	0
ICOSAVAX INC	COM	45114M109	60	10,403	SH	SOLE	1	10,403	0	0
ICU MEDICAL INC	COM	44930G107	5,455	33,185	SH	SOLE	1	33,185	0	0
IDACORP INC	COM	451107106	8,848	83,531	SH	SOLE	1	83,531	0	0
IDEAYA BIOSCIENCES INC	COM	45166A102	230	16,646	SH	SOLE	1	16,646	0	0
IDENTIV INC	COM	45170X205	120	10,329	SH	SOLE	1	10,329	0	0
IDEX CORP	COM	45167R104	3,924	21,606	SH	SOLE	1	21,606	0	0
IDEXX LABORATORIES INC	COM	45168D104	11,604	33,086	SH	SOLE	1	33,086	0	0
IDT CORP CLASS B	COM	448947507	171	6,792	SH	SOLE	1	6,792	0	0
IES HOLDINGS INC	COM	44951W106	124	4,121	SH	SOLE	1	4,121	0	0
IGM BIOSCIENCES INC	COM	449585108	84	4,684	SH	SOLE	1	4,684	0	0
IHEARTMEDIA INC CLASS A	CL A	45174J509	445	56,428	SH	SOLE	1	56,428	0	0
II VI INC	COM	902104108	8,961	175,875	SH	SOLE	1	175,875	0	0
ILLINOIS TOOL WORKS	COM	452308109	18,692	102,560	SH	SOLE	1	102,560	0	0
ILLUMINA INC	COM	452327109	10,358	56,181	SH	SOLE	1	56,181	0	0
IMAGO BIOSCIENCES INC	COM	45250K107	165	12,316	SH	SOLE	1	12,316	0	0
IMAX CORP	COM	45245E109	388	22,976	SH	SOLE	1	22,976	0	0
IMMUNITYBIO INC	COM	45256X103	143	38,314	SH	SOLE	1	38,314	0	0

IMMUNOGEN INC	COM	45253H101	452	100,491	SH	SOLE	1	100,491	0	0
IMMUNOVANT INC	COM	45258J102	73	18,746	SH	SOLE	1	18,746	0	0
IMPINJ INC	COM	453204109	577	9,839	SH	SOLE	1	9,839	0	0
INARI MEDICAL INC	COM	45332Y109	5,331	78,402	SH	SOLE	1	78,402	0	0
INCYTE CORP	COM	45337C102	4,406	58,001	SH	SOLE	1	58,001	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	9,669	466,430	SH	SOLE	1	466,430	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	182	9,416	SH	SOLE	1	9,416	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	2,010	25,310	SH	SOLE	1	25,310	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,350	19,885	SH	SOLE	1	19,885	0	0
INDIE SEMICONDUCTOR INC A	CL A	45569U101	266	46,707	SH	SOLE	1	46,707	0	0
INDUS REALTY TRUST INC	COM	45580R103	148	2,500	SH	SOLE	1	2,500	0	0
INDUSTRIAL LOGISTICS PROPERT	COM SHS BEN INT	456237106	496	35,240	SH	SOLE	1	35,240	0	0
INFINERA CORP	COM	45667G103	475	88,605	SH	SOLE	1	88,605	0	0
INFORMATICA INC CLASS A	CL A	45674M101	9	413	SH	SOLE	1	413	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	112	16,634	SH	SOLE	1	16,634	0	0
INFRASTRUCTURE AND ENERGY AL	COM	45686J104	114	14,235	SH	SOLE	1	14,235	0	0
INGERSOLL RAND INC	COM	45687V106	4,761	113,140	SH	SOLE	1	113,140	0	0
INGEVITY CORP	COM	45688C107	5,167	81,832	SH	SOLE	1	81,832	0	0
INGLES MARKETS INC CLASS A	COM	457030104	577	6,656	SH	SOLE	1	6,656	0	0
INGREDION INC	COM	457187102	9,645	109,409	SH	SOLE	1	109,409	0	0
INHIBRX INC	COM	45720L107	155	13,664	SH	SOLE	1	13,664	0	0
INNOSPEC INC	COM	45768S105	1,286	13,420	SH	SOLE	1	13,420	0	0
INNOVAGE HOLDING CORP	COM	45784A104	39	8,953	SH	SOLE	1	8,953	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	1,655	15,064	SH	SOLE	1	15,064	0	0
INNOVID CORP	COM	457679108	17	10,480	SH	SOLE	1	10,480	0	0
INNOVIVA INC	COM	45781M101	505	34,243	SH	SOLE	1	34,243	0	0
INOGEN INC	COM	45780L104	297	12,276	SH	SOLE	1	12,276	0	0
INOTIV INC	COM	45783Q100	78	8,148	SH	SOLE	1	8,148	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	178	102,881	SH	SOLE	1	102,881	0	0
INSEEGO CORP	COM	45782B104	76	40,333	SH	SOLE	1	40,333	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,492	17,288	SH	SOLE	1	17,288	0	0
INSMED INC	COM	457669307	1,101	55,817	SH	SOLE	1	55,817	0	0
INSPERITY INC	COM	45778Q107	7,535	75,475	SH	SOLE	1	75,475	0	0
INSPIRATO INC	CL A	45791E107	22	4,802	SH	SOLE	1	4,802	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	2,326	12,732	SH	SOLE	1	12,732	0	0
INSPIRED ENTERTAINMENT INC	COM	45782N108	89	10,366	SH	SOLE	1	10,366	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	1,086	13,061	SH	SOLE	1	13,061	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	343	10,196	SH	SOLE	1	10,196	0	0
INSTIL BIO INC	COM	45783C101	150	32,570	SH	SOLE	1	32,570	0	0
INSTRUCTURE HOLDINGS INC	COM	457790103	184	8,099	SH	SOLE	1	8,099	0	0
INSULET CORP	COM	45784P101	234	1,075	SH	SOLE	1	1,075	0	0
INTAPP INC	COM	45827U109	96	6,575	SH	SOLE	1	6,575	0	0

INTEGER HOLDINGS CORP	COM	45826H109	1,262	17,864	SH	SOLE	1	17,864	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	6,383	118,136	SH	SOLE	1	118,136	0	0
INTEGRAL AD SCIENCE HOLDING	COM	45828L108	177	17,874	SH	SOLE	1	17,874	0	0
INTEL CORP	COM	458140100	50,379	1,346,680	SH	SOLE	1	1,346,680	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	1,827	35,295	SH	SOLE	1	35,295	0	0
INTER PARFUMS INC	COM	458334109	710	9,718	SH	SOLE	1	9,718	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	7,952	144,547	SH	SOLE	1	144,547	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	158	11,446	SH	SOLE	1	11,446	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	18,608	197,868	SH	SOLE	1	197,868	0	0
INTERDIGITAL INC	COM	45867G101	1,018	16,746	SH	SOLE	1	16,746	0	0
INTERFACE INC	COM	458665304	399	31,803	SH	SOLE	1	31,803	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	4,512	112,584	SH	SOLE	1	112,584	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	866	46,642	SH	SOLE	1	46,642	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	311	15,210	SH	SOLE	1	15,210	0	0
INTERNATIONAL PAPER CO	COM	460146103	4,596	109,875	SH	SOLE	1	109,875	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	489	23,064	SH	SOLE	1	23,064	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	3,020	109,714	SH	SOLE	1	109,714	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	34,065	241,270	SH	SOLE	1	241,270	0	0
INTL FLAVORS FRAGRANCES	COM	459506101	8,823	74,068	SH	SOLE	1	74,068	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	2,448	42,881	SH	SOLE	1	42,881	0	0
INTREPID POTASH INC	COM	46121Y201	236	5,212	SH	SOLE	1	5,212	0	0
INTUIT INC	COM	461202103	42,740	110,887	SH	SOLE	1	110,887	0	0
INTUITIVE SURGICAL INC	COM	46120E602	24,291	121,027	SH	SOLE	1	121,027	0	0
INVENTRUST PROPERTIES CORP	COM	46124J201	818	31,720	SH	SOLE	1	31,720	0	0
INVESCO LTD	COM	G491BT108	1,520	94,231	SH	SOLE	1	94,231	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B704	264	17,976	SH	SOLE	1	17,976	0	0
INVESTORS TITLE CO	COM	461804106	95	607	SH	SOLE	1	607	0	0
INVITAE CORP	COM	46185L103	263	107,743	SH	SOLE	1	107,743	0	0
INVITATION HOMES INC	COM	46187W107	227	6,387	SH	SOLE	1	6,387	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	79	2,147	SH	SOLE	1	2,147	0	0
IONQ INC	COM	46222L108	244	55,617	SH	SOLE	1	55,617	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	779	70,572	SH	SOLE	1	70,572	0	0
IPG PHOTONICS CORP	COM	44980X109	5,405	57,421	SH	SOLE	1	57,421	0	0
IQIYI INC ADR	ADR	46267X108	15	3,642	SH	SOLE	1	3,642	0	0
IQVIA HOLDINGS INC	COM	46266C105	13,911	64,108	SH	SOLE	1	64,108	0	0
IRADIMED CORP	COM	46266A109	113	3,336	SH	SOLE	1	3,336	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,509	13,969	SH	SOLE	1	13,969	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	10,132	269,752	SH	SOLE	1	269,752	0	0
IROBOT CORP	COM	462726100	535	14,565	SH	SOLE	1	14,565	0	0
IRON MOUNTAIN INC	COM	46284V101	4,094	84,084	SH	SOLE	1	84,084	0	0

IRONNET INC	COM	46323Q105	67	30,341	SH	SOLE	1	30,341	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	868	75,319	SH	SOLE	1	75,319	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	8,469	102,300	SH	SOLE	1	102,300	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	168	1,400	SH	SOLE	1	1,400	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	1,631	14,200	SH	SOLE	1	14,200	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	8,974	75,200	SH	SOLE	1	75,200	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,261	22,100	SH	SOLE	1	22,100	0	0
ISHARES CORE SP SMALL CAP ETF	CORE S&P SCP ETF	464287804	860	9,311	SH	SOLE	1	9,311	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	13,952	126,800	SH	SOLE	1	126,800	0	0
ISHARES MSCI CHINA A ETF	A	46434V514	4,859	127,699	SH	SOLE	1	127,699	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	52,242	836,000	SH	SOLE	1	836,000	0	0
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	1,526	38,064	SH	SOLE	1	38,064	0	0
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	12,041	71,100	SH	SOLE	1	71,100	0	0
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	1,854	23,400	SH	SOLE	1	23,400	0	0
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	1,685	16,590	SH	SOLE	1	16,590	0	0
ISHARES SP 500 VALUE ETF	S&P 500 VAL ETF	464287408	13,632	99,172	SH	SOLE	1	99,172	0	0
ISTAR INC	COM	45031U101	509	37,128	SH	SOLE	1	37,128	0	0
ITEOS THERAPEUTICS INC	COM	46565G104	258	12,507	SH	SOLE	1	12,507	0	0
ITRON INC	COM	465741106	1,208	24,442	SH	SOLE	1	24,442	0	0
ITT INC	COM	45073V108	9,276	137,958	SH	SOLE	1	137,958	0	0
IVERIC BIO INC	COM	46583P102	526	54,688	SH	SOLE	1	54,688	0	0
J J SNACK FOODS CORP	COM	466032109	1,148	8,220	SH	SOLE	1	8,220	0	0
JABIL INC	COM	466313103	11,976	233,860	SH	SOLE	1	233,860	0	0
JACK HENRY ASSOCIATES INC	COM	426281101	3,722	20,677	SH	SOLE	1	20,677	0	0
JACK IN THE BOX INC	COM	466367109	643	11,465	SH	SOLE	1	11,465	0	0
JACKSON FINANCIAL INC A	CL A	46817M107	946	35,354	SH	SOLE	1	35,354	0	0
JACOBS ENGINEERING GROUP INC	COM	469814107	4,638	36,484	SH	SOLE	1	36,484	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	495	19,972	SH	SOLE	1	19,972	0	0
JAMF HOLDING CORP	COM	47074L105	24	971	SH	SOLE	1	971	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	6,510	276,903	SH	SOLE	1	276,903	0	0
JANUS INTERNATIONAL GROUP IN	COM	47103N106	345	38,231	SH	SOLE	1	38,231	0	0
JANUX THERAPEUTICS INC	COM	47103J105	98	8,032	SH	SOLE	1	8,032	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	16,061	102,949	SH	SOLE	1	102,949	0	0
JBG SMITH PROPERTIES	COM	46590V100	4,248	179,700	SH	SOLE	1	179,700	0	0
JD.COM INC ADR	ADR	47215P106	1,988	30,962	SH	SOLE	1	30,962	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	8,749	316,754	SH	SOLE	1	316,754	0	0
JELD WEN HOLDING INC	COM	47580P103	589	40,354	SH	SOLE	1	40,354	0	0

JETBLUE AIRWAYS CORP	COM	477143101	4,436	530,005	SH	SOLE	1	530,005	0	0
JM SMUCKER CO/THE	COM	832696405	4,239	33,113	SH	SOLE	1	33,113	0	0
JOANN INC	COM	47768J101	40	5,160	SH	SOLE	1	5,160	0	0
JOBY AVIATION INC	COM	G65163100	577	117,561	SH	SOLE	1	117,561	0	0
JOHN B. SANFILIPPO SON INC	COM	800422107	351	4,837	SH	SOLE	1	4,837	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	1,894	17,151	SH	SOLE	1	17,151	0	0
JOHN MARSHALL BANCORP INC	COM	47805L101	120	5,333	SH	SOLE	1	5,333	0	0
JOHNSON JOHNSON	COM	478160104	125,298	705,862	SH	SOLE	1	705,862	0	0
JOHNSON CONTROLS INTERNATIONAL	COM	G51502105	9,165	191,420	SH	SOLE	1	191,420	0	0
JOHNSON OUTDOORS INC A	COM	479167108	153	2,495	SH	SOLE	1	2,495	0	0
JOINT CORP/THE	COM	47973J102	117	7,648	SH	SOLE	1	7,648	0	0
JONES LANG LASALLE INC	COM	48020Q107	14,118	80,737	SH	SOLE	1	80,737	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	60	19,722	SH	SOLE	1	19,722	0	0
JOYY INC ADR	ADS RESTG COM A	46591M109	22	750	SH	SOLE	1	750	0	0
JPMORGAN CHASE CO	COM	46625H100	90,444	803,163	SH	SOLE	1	803,163	0	0
JUNIPER NETWORKS INC	COM	48203R104	2,565	90,013	SH	SOLE	1	90,013	0	0
KADANT INC	COM	48282T104	991	5,433	SH	SOLE	1	5,433	0	0
KAISER ALUMINUM CORP	COM	483007704	679	8,586	SH	SOLE	1	8,586	0	0
KALEYRA INC	COM	483379103	28	13,800	SH	SOLE	1	13,800	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	113	11,456	SH	SOLE	1	11,456	0	0
KAMAN CORP	COM	483548103	474	15,181	SH	SOLE	1	15,181	0	0
KANZHUN LTD ADR	LTD SPONS ADS	48553T106	29	1,100	SH	SOLE	1	1,100	0	0
KAR AUCTION SERVICES INC	COM	48238T109	966	65,403	SH	SOLE	1	65,403	0	0
KARAT PACKAGING INC	COM	48563L101	45	2,655	SH	SOLE	1	2,655	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	1,557	12,304	SH	SOLE	1	12,304	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	161	35,660	SH	SOLE	1	35,660	0	0
KB HOME	COM	48666K109	5,120	179,885	SH	SOLE	1	179,885	0	0
KBR INC	COM	48242W106	11,180	231,034	SH	SOLE	1	231,034	0	0
KE HOLDINGS INC ADR	SPON ADS	482497104	84	4,700	SH	SOLE	1	4,700	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	322	29,012	SH	SOLE	1	29,012	0	0
KELLOGG CO	COM	487836108	5,089	71,329	SH	SOLE	1	71,329	0	0
KELLY SERVICES INC A	COM	488152208	377	19,009	SH	SOLE	1	19,009	0	0
KEMPER CORP	COM	488401100	4,748	99,124	SH	SOLE	1	99,124	0	0
KENNAMETAL INC	COM	489170100	4,051	174,369	SH	SOLE	1	174,369	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,047	55,284	SH	SOLE	1	55,284	0	0
KEROS THERAPEUTICS INC	COM	492327101	217	7,858	SH	SOLE	1	7,858	0	0
KEURIG DR PEPPER INC	COM	49271V100	10,141	286,544	SH	SOLE	1	286,544	0	0
KEYCORP	COM	493267108	4,477	259,854	SH	SOLE	1	259,854	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	8,088	58,675	SH	SOLE	1	58,675	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	180	21,768	SH	SOLE	1	21,768	0	0
KFORCE INC	COM	493732101	585	9,542	SH	SOLE	1	9,542	0	0

KILROY REALTY CORP	COM	49427F108	9,088	173,671	SH	SOLE	1	173,671	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	226	11,221	SH	SOLE	1	11,221	0	0
KIMBALL INTERNATIONAL B	COM	494274103	130	16,925	SH	SOLE	1	16,925	0	0
KIMBERLY CLARK CORP	COM	494368103	14,084	104,213	SH	SOLE	1	104,213	0	0
KIMCO REALTY CORP	COM	49446R109	3,402	172,098	SH	SOLE	1	172,098	0	0
KINDER MORGAN INC	COM	49456B101	11,734	700,144	SH	SOLE	1	700,144	0	0
KINETIK HOLDINGS INC	CL A	02215L209	265	7,750	SH	SOLE	1	7,750	0	0
KINGSOFT CLOUD HOLDINGS ADR	ADS	49639K101	3	700	SH	SOLE	1	700	0	0
KINIKA PHARMACEUTICALS A	COM	G5269C101	141	14,581	SH	SOLE	1	14,581	0	0
KINNATE BIOPHARMA INC	COM	49705R105	172	13,677	SH	SOLE	1	13,677	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	10,445	45,484	SH	SOLE	1	45,484	0	0
KIRBY CORP	COM	497266106	6,061	99,622	SH	SOLE	1	99,622	0	0
KITE REALTY GROUP TRUST	COM	49803T300	7,981	461,599	SH	SOLE	1	461,599	0	0
KKR CO INC	COM	48251W104	277	5,986	SH	SOLE	1	5,986	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	486	27,876	SH	SOLE	1	27,876	0	0
KLA CORP	COM	482480100	17,784	55,735	SH	SOLE	1	55,735	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	12,507	270,197	SH	SOLE	1	270,197	0	0
KNOWBE4 INC A	CL A	49926T104	533	34,094	SH	SOLE	1	34,094	0	0
KNOWLES CORP	COM	49926D109	844	48,706	SH	SOLE	1	48,706	0	0
KODIAK SCIENCES INC	COM	50015M109	119	15,606	SH	SOLE	1	15,606	0	0
KOHL'S CORP	COM	500255104	7,582	212,451	SH	SOLE	1	212,451	0	0
KONTOOR BRANDS INC	COM	50050N103	995	29,819	SH	SOLE	1	29,819	0	0
KOPPERS HOLDINGS INC	COM	50060P106	253	11,179	SH	SOLE	1	11,179	0	0
KORE GROUP HOLDINGS INC	COM	50066V107	50	16,425	SH	SOLE	1	16,425	0	0
KORN FERRY	COM	500643200	1,686	29,052	SH	SOLE	1	29,052	0	0
KORNIT DIGITAL LTD	LTD SHS	M6372Q113	230	7,263	SH	SOLE	1	7,263	0	0
KOSMOS ENERGY LTD	COM	500688106	1,308	211,356	SH	SOLE	1	211,356	0	0
KRAFT HEINZ CO/THE	COM	500754106	12,921	338,781	SH	SOLE	1	338,781	0	0
KRATOS DEFENSE SECURITY	COM	50077B207	803	57,848	SH	SOLE	1	57,848	0	0
KRISPY KREME INC	COM	50101L106	457	33,620	SH	SOLE	1	33,620	0	0
KROGER CO	COM	501044101	9,136	193,024	SH	SOLE	1	193,024	0	0
KRONOS BIO INC	COM	50107A104	69	19,042	SH	SOLE	1	19,042	0	0
KRONOS WORLDWIDE INC	COM	50105F105	191	10,370	SH	SOLE	1	10,370	0	0
KRYSTAL BIOTECH INC	COM	501147102	644	9,804	SH	SOLE	1	9,804	0	0
KULICKE SOFFA INDUSTRIES	COM	501242101	1,352	31,570	SH	SOLE	1	31,570	0	0
KURA ONCOLOGY INC	COM	50127T109	544	29,697	SH	SOLE	1	29,697	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	107	2,165	SH	SOLE	1	2,165	0	0
KYMERA THERAPEUTICS INC	COM	501575104	348	17,698	SH	SOLE	1	17,698	0	0
KYNDRYL HOLDINGS INC	COM	50155Q100	2,903	296,807	SH	SOLE	1	296,807	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	12,727	52,656	SH	SOLE	1	52,656	0	0
LA Z BOY INC	COM	505336107	553	23,310	SH	SOLE	1	23,310	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	7,034	30,013	SH	SOLE	1	30,013	0	0
LADDER CAPITAL CORP REIT	COM	505743104	561	53,181	SH	SOLE	1	53,181	0	0

LAKELAND BANCORP INC	COM	511637100	426	29,129	SH	SOLE	1	29,129	0	0
LAKELAND FINANCIAL CORP	COM	511656100	887	13,356	SH	SOLE	1	13,356	0	0
LAM RESEARCH CORP	COM	512807108	21,973	51,561	SH	SOLE	1	51,561	0	0
LAMAR ADVERTISING CO A	COM	512816109	12,688	144,230	SH	SOLE	1	144,230	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	2,948	41,259	SH	SOLE	1	41,259	0	0
LANCASTER COLONY CORP	COM	513847103	5,362	41,634	SH	SOLE	1	41,634	0	0
LANDEC CORP	COM	514766104	122	12,263	SH	SOLE	1	12,263	0	0
LANDS END INC	COM	51509F105	76	7,144	SH	SOLE	1	7,144	0	0
LANDSEA HOMES CORP	COM	51509P103	33	4,896	SH	SOLE	1	4,896	0	0
LANDSTAR SYSTEM INC	COM	515098101	8,944	61,508	SH	SOLE	1	61,508	0	0
LANTHEUS HOLDINGS INC	COM	516544103	2,446	37,046	SH	SOLE	1	37,046	0	0
LAREDO PETROLEUM INC	COM	516806205	625	9,062	SH	SOLE	1	9,062	0	0
LAS VEGAS SANDS CORP	COM	517834107	3,236	96,333	SH	SOLE	1	96,333	0	0
LATCH INC	COM	51818V106	38	32,935	SH	SOLE	1	32,935	0	0
LATHAM GROUP INC	COM	51819L107	143	20,571	SH	SOLE	1	20,571	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	11,060	228,039	SH	SOLE	1	228,039	0	0
LAUREATE EDUCATION INC	COM	518613203	614	53,051	SH	SOLE	1	53,051	0	0
LAZARD LTD CL A	CL A	G54050102	32	987	SH	SOLE	1	987	0	0
LCI INDUSTRIES	COM	50189K103	1,511	13,505	SH	SOLE	1	13,505	0	0
LEAFLY HOLDINGS INC	COM	52178J105	9	2,042	SH	SOLE	1	2,042	0	0
LEAR CORP	COM	521865204	12,433	98,762	SH	SOLE	1	98,762	0	0
LEGACY HOUSING CORP	COM	52472M101	53	4,095	SH	SOLE	1	4,095	0	0
LEGALZOOMCOM INC	COM	52466B103	504	45,854	SH	SOLE	1	45,854	0	0
LEGEND BIOTECH CORP ADR	SPONS ADS	52490G102	33	600	SH	SOLE	1	600	0	0
LEGGETT PLATT INC	COM	524660107	7,630	220,662	SH	SOLE	1	220,662	0	0
LEIDOS HOLDINGS INC	COM	525327102	3,836	38,085	SH	SOLE	1	38,085	0	0
LEMAITRE VASCULAR INC	COM	525558201	480	10,545	SH	SOLE	1	10,545	0	0
LEMONADE INC	COM	52567D107	344	18,846	SH	SOLE	1	18,846	0	0
LENDINGCLUB CORP	COM	52603A208	554	47,374	SH	SOLE	1	47,374	0	0
LENDINGTREE INC	COM	52603B107	251	5,720	SH	SOLE	1	5,720	0	0
LENNAR CORP B SHS	COM	526057302	9	157	SH	SOLE	1	157	0	0
LENNAR CORP A	COM	526057104	5,463	77,413	SH	SOLE	1	77,413	0	0
LENNOX INTERNATIONAL INC	COM	526107107	11,275	54,575	SH	SOLE	1	54,575	0	0
LESLIE S INC	COM	527064109	36	2,383	SH	SOLE	1	2,383	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	63	34,092	SH	SOLE	1	34,092	0	0
LGI HOMES INC	COM	50187T106	982	11,304	SH	SOLE	1	11,304	0	0
LHC GROUP INC	COM	50187A107	10,108	64,902	SH	SOLE	1	64,902	0	0
LI AUTO INC ADR	SPNSRD ADS	50202M102	278	7,258	SH	SOLE	1	7,258	0	0
LI CYCLE HOLDINGS CORP	COM	50202P105	426	61,906	SH	SOLE	1	61,906	0	0
LIBERTY BROADBAND A	COM	530307107	30	268	SH	SOLE	1	268	0	0
LIBERTY BROADBAND C	COM	530307305	192	1,658	SH	SOLE	1	1,658	0	0
LIBERTY ENERGY INC	COM	53115L104	853	66,830	SH	SOLE	1	66,830	0	0
LIBERTY LATIN AMERIC	CL A	G9001E102	141	18,114	SH	SOLE	1	18,114	0	0

CL A											
LIBERTY LATIN AMERIC CL C	COM	G9001E128	558	71,599	SH	SOLE	1	71,599	0	0	
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	32	893	SH	SOLE	1	893	0	0	
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	66	1,841	SH	SOLE	1	1,841	0	0	
LIBERTY MEDIA CORP BRAVES A	COM	531229706	118	4,687	SH	SOLE	1	4,687	0	0	
LIBERTY MEDIA CORP BRAVES C	COM	531229888	423	17,634	SH	SOLE	1	17,634	0	0	
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	13	232	SH	SOLE	1	232	0	0	
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	141	2,216	SH	SOLE	1	2,216	0	0	
LIFE STORAGE INC	COM	53223X107	15,564	139,385	SH	SOLE	1	139,385	0	0	
LIFE TIME GROUP HOLDINGS INC	COM	53190C102	253	19,679	SH	SOLE	1	19,679	0	0	
LIFESTANCE HEALTH GROUP INC	COM	53228F101	188	33,819	SH	SOLE	1	33,819	0	0	
LIFETIME BRANDS INC	COM	53222Q103	66	5,988	SH	SOLE	1	5,988	0	0	
LIGAND PHARMACEUTICALS	COM	53220K504	742	8,321	SH	SOLE	1	8,321	0	0	
LIGHT WONDER INC	COM	80874P109	9,533	202,865	SH	SOLE	1	202,865	0	0	
LIGHTNING EMOTORS INC	COM	53228T101	51	18,323	SH	SOLE	1	18,323	0	0	
LIGHTWAVE LOGIC INC	COM	532275104	342	52,320	SH	SOLE	1	52,320	0	0	
LINCOLN ELECTRIC HOLDINGS	COM	533900106	11,874	96,254	SH	SOLE	1	96,254	0	0	
LINCOLN NATIONAL CORP	COM	534187109	2,120	45,333	SH	SOLE	1	45,333	0	0	
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	122	15,090	SH	SOLE	1	15,090	0	0	
LINDE PLC	COM	G5494J103	47,098	163,801	SH	SOLE	1	163,801	0	0	
LINDSAY CORP	COM	535555106	792	5,962	SH	SOLE	1	5,962	0	0	
LIONS GATE ENTERTAINMENT A	COM	535919401	254	27,290	SH	SOLE	1	27,290	0	0	
LIONS GATE ENTERTAINMENT B	COM	535919500	482	54,611	SH	SOLE	1	54,611	0	0	
LIQUIDIA CORP	COM	53635D202	97	22,336	SH	SOLE	1	22,336	0	0	
LIQUIDITY SERVICES INC	COM	53635B107	182	13,540	SH	SOLE	1	13,540	0	0	
LITHIA MOTORS INC	CL A	536797103	13,136	47,800	SH	SOLE	1	47,800	0	0	
LITTELFUSE INC	COM	537008104	10,382	40,868	SH	SOLE	1	40,868	0	0	
LIVANOVA PLC	COM	G5509L101	7,051	112,866	SH	SOLE	1	112,866	0	0	
LIVE NATION ENTERTAINMENT IN	COM	538034109	3,255	39,412	SH	SOLE	1	39,412	0	0	
LIVE OAK BANCSHARES INC	COM	53803X105	519	15,325	SH	SOLE	1	15,325	0	0	
LIVENT CORP	COM	53814L108	1,992	87,796	SH	SOLE	1	87,796	0	0	
LIVEPERSON INC	COM	538146101	538	38,033	SH	SOLE	1	38,033	0	0	
LIVERAMP HOLDINGS INC	COM	53815P108	940	36,426	SH	SOLE	1	36,426	0	0	
LIVEVOX HOLDINGS INC	CL A	53838L100	17	10,410	SH	SOLE	1	10,410	0	0	
LKQ CORP	COM	501889208	3,625	73,837	SH	SOLE	1	73,837	0	0	
LL FLOORING HOLDINGS INC	COM	55003T107	149	15,882	SH	SOLE	1	15,882	0	0	
LOCAL BOUNTI CORP	COM	53960E106	28	8,775	SH	SOLE	1	8,775	0	0	
LOCKHEED MARTIN CORP	COM	539830109	27,316	63,531	SH	SOLE	1	63,531	0	0	
LOEWS CORP	COM	540424108	3,908	65,942	SH	SOLE	1	65,942	0	0	
LORDSTOWN MOTORS CORP CL A	COM	54405Q100	118	74,726	SH	SOLE	1	74,726	0	0	

LOUISIANA PACIFIC CORP	COM	546347105	7,113	135,709	SH	SOLE	1	135,709	0	0
LOVESAC CO/THE	COM	54738L109	179	6,520	SH	SOLE	1	6,520	0	0
LOWE S COS INC	COM	548661107	37,067	212,213	SH	SOLE	1	212,213	0	0
LOYALTY VENTURES INC	COM	54911Q107	39	10,859	SH	SOLE	1	10,859	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	229	1,243	SH	SOLE	1	1,243	0	0
LSB INDUSTRIES INC	COM	502160104	206	14,843	SH	SOLE	1	14,843	0	0
LTC PROPERTIES INC	COM	502175102	811	21,137	SH	SOLE	1	21,137	0	0
LUCID GROUP INC	COM	549498103	1,888	110,033	SH	SOLE	1	110,033	0	0
LUFAX HOLDING LTD ADR	CL A	54975P102	50	8,266	SH	SOLE	1	8,266	0	0
LULU S FASHION LOUNGE HOLDIN	COM	55003A108	30	2,742	SH	SOLE	1	2,742	0	0
LULULEMON ATHLETICA INC	COM	550021109	2,521	9,248	SH	SOLE	1	9,248	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	2,838	260,152	SH	SOLE	1	260,152	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	9,054	114,000	SH	SOLE	1	114,000	0	0
LUMINAR TECHNOLOGIES INC	CL A	550424105	663	111,752	SH	SOLE	1	111,752	0	0
LUTHER BURBANK CORP	COM	550550107	91	6,948	SH	SOLE	1	6,948	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	198	13,080	SH	SOLE	1	13,080	0	0
LXP INDUSTRIAL TRUST	COM	529043101	1,649	153,577	SH	SOLE	1	153,577	0	0
LYELL IMMUNOPHARMA INC	COM	55083R104	528	80,983	SH	SOLE	1	80,983	0	0
LYFT INC A	COM	55087P104	59	4,470	SH	SOLE	1	4,470	0	0
LYONDELLBASELL INDU CL A	CL A	N53745100	6,508	74,411	SH	SOLE	1	74,411	0	0
M T BANK CORP	COM	55261F104	7,969	49,999	SH	SOLE	1	49,999	0	0
M/I HOMES INC	COM	55305B101	593	14,946	SH	SOLE	1	14,946	0	0
MACATAWA BANK CORP	COM	554225102	109	12,294	SH	SOLE	1	12,294	0	0
MACERICH CO/THE	COM	554382101	3,948	453,219	SH	SOLE	1	453,219	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	1,091	23,663	SH	SOLE	1	23,663	0	0
MACROGENICS INC	COM	556099109	83	28,214	SH	SOLE	1	28,214	0	0
MACY S INC	COM	55616P104	8,622	470,643	SH	SOLE	1	470,643	0	0
MADISON SQUARE GARDEN ENTERT	CL A	55826T102	634	12,054	SH	SOLE	1	12,054	0	0
MADISON SQUARE GARDEN SPORTS	CL A	55825T103	37	248	SH	SOLE	1	248	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	426	5,958	SH	SOLE	1	5,958	0	0
MAGNITE INC	COM	55955D100	544	61,263	SH	SOLE	1	61,263	0	0
MAGNOLIA OIL GAS CORP A	COM	559663109	1,639	78,106	SH	SOLE	1	78,106	0	0
MALIBU BOATS INC A	COM	56117J100	512	9,710	SH	SOLE	1	9,710	0	0
MANDIANT INC	COM	562662106	52	2,403	SH	SOLE	1	2,403	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	11,973	104,473	SH	SOLE	1	104,473	0	0
MANITOWOC COMPANY INC	COM	563571405	171	16,245	SH	SOLE	1	16,245	0	0
MANNING NAPIER INC	CL A	56382Q102	93	7,426	SH	SOLE	1	7,426	0	0
MANNKIND CORP	COM	56400P706	444	116,493	SH	SOLE	1	116,493	0	0
MANPOWERGROUP INC	COM	56418H100	6,658	87,133	SH	SOLE	1	87,133	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	1,530	16,026	SH	SOLE	1	16,026	0	0
MARATHON DIGITAL HOLDINGS IN	COM	565788106	252	47,266	SH	SOLE	1	47,266	0	0

MARATHON OIL CORP	COM	565849106	4,433	197,219	SH	SOLE	1	197,219	0	0
MARATHON PETROLEUM CORP	COM	56585A102	11,930	145,120	SH	SOLE	1	145,120	0	0
MARAVAI LIFESCIENCES HLDGS A	CL A	56600D107	49	1,714	SH	SOLE	1	1,714	0	0
MARCUS MILLICHAP INC	COM	566324109	497	13,446	SH	SOLE	1	13,446	0	0
MARCUS CORPORATION	COM	566330106	188	12,762	SH	SOLE	1	12,762	0	0
MARINE PRODUCTS CORP	COM	568427108	37	3,893	SH	SOLE	1	3,893	0	0
MARINEMAX INC	COM	567908108	415	11,488	SH	SOLE	1	11,488	0	0
MARKEL CORP	COM	570535104	202	156	SH	SOLE	1	156	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	3,163	12,356	SH	SOLE	1	12,356	0	0
MARKETWISE INC	CL A	57064P107	29	7,968	SH	SOLE	1	7,968	0	0
MARKFORGED HOLDING CORP	COM	57064N102	95	51,543	SH	SOLE	1	51,543	0	0
MARQETA INC A	COM	57142B104	1,648	203,222	SH	SOLE	1	203,222	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	12,750	93,746	SH	SOLE	1	93,746	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	7,953	68,446	SH	SOLE	1	68,446	0	0
MARSH MCLENNAN COS	COM	571748102	26,009	167,530	SH	SOLE	1	167,530	0	0
MARTEN TRANSPORT LTD	COM	573075108	538	31,961	SH	SOLE	1	31,961	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	5,332	17,818	SH	SOLE	1	17,818	0	0
MARVELL TECHNOLOGY INC	COM	573874104	2,260	51,926	SH	SOLE	1	51,926	0	0
MASCO CORP	COM	574599106	3,395	67,103	SH	SOLE	1	67,103	0	0
MASIMO CORP	COM	574795100	11,049	84,555	SH	SOLE	1	84,555	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	811	10,557	SH	SOLE	1	10,557	0	0
MASTEC INC	COM	576323109	6,767	94,438	SH	SOLE	1	94,438	0	0
MASTERCARD INC A	COM	57636Q104	83,707	265,332	SH	SOLE	1	265,332	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	180	8,557	SH	SOLE	1	8,557	0	0
MATADOR RESOURCES CO	COM	576485205	10,948	234,988	SH	SOLE	1	234,988	0	0
MATCH GROUP INC	COM	57667L107	6,859	98,415	SH	SOLE	1	98,415	0	0
MATERION CORP	COM	576690101	816	11,072	SH	SOLE	1	11,072	0	0
MATIV INC	COM	808541106	430	17,130	SH	SOLE	1	17,130	0	0
MATSON INC	COM	57686G105	1,586	21,758	SH	SOLE	1	21,758	0	0
MATTEL INC	COM	577081102	13,024	583,250	SH	SOLE	1	583,250	0	0
MATTERPORT INC	CL A	577096100	375	102,470	SH	SOLE	1	102,470	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	476	16,615	SH	SOLE	1	16,615	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	888	34,042	SH	SOLE	1	34,042	0	0
MAXCYTE INC	COM	57777K106	193	40,725	SH	SOLE	1	40,725	0	0
MAXIMUS INC	COM	577933104	8,100	129,578	SH	SOLE	1	129,578	0	0
MAXLINEAR INC	COM	57776J100	1,321	38,871	SH	SOLE	1	38,871	0	0
MBIA INC	COM	55262C100	278	22,479	SH	SOLE	1	22,479	0	0
MCCORMICK CO NON VTG SHRS	COM	579780206	7,015	84,261	SH	SOLE	1	84,261	0	0
MCDONALD S CORP	COM	580135101	49,907	202,152	SH	SOLE	1	202,152	0	0
MCGRATH RENTCORP	COM	580589109	862	11,341	SH	SOLE	1	11,341	0	0
MCKESSON CORP	COM	58155Q103	12,720	38,993	SH	SOLE	1	38,993	0	0
MDC HOLDINGS INC	COM	552676108	1,001	30,972	SH	SOLE	1	30,972	0	0
MDU RESOURCES GROUP INC	COM	552690109	9,068	335,962	SH	SOLE	1	335,962	0	0
MEDIAALPHA INC	CL A	58450V104	110	11,125	SH	SOLE	1	11,125	0	0

CLASS A										
MEDICAL PROPERTIES TRUST INC	COM	58463J304	15,139	991,417	SH	SOLE	1	991,417	0	0
MEDIFAST INC	COM	58470H101	1,114	6,169	SH	SOLE	1	6,169	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	8,544	57,087	SH	SOLE	1	57,087	0	0
MEDTRONIC PLC	COM	G5960L103	32,298	359,863	SH	SOLE	1	359,863	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	107	14,144	SH	SOLE	1	14,144	0	0
MERCADOLIBRE INC	COM	58733R102	1,960	3,078	SH	SOLE	1	3,078	0	0
MERCANTILE BANK CORP	COM	587376104	230	7,206	SH	SOLE	1	7,206	0	0
MERCER INTERNATIONAL INC	COM	588056101	39	2,975	SH	SOLE	1	2,975	0	0
MERCHANTS BANCORP/IN	COM	58844R108	167	7,363	SH	SOLE	1	7,363	0	0
MERCK CO. INC.	COM	58933Y105	61,844	678,340	SH	SOLE	1	678,340	0	0
MERCURY GENERAL CORP	COM	589400100	2,488	56,160	SH	SOLE	1	56,160	0	0
MERCURY SYSTEMS INC	COM	589378108	6,129	95,270	SH	SOLE	1	95,270	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	710	23,335	SH	SOLE	1	23,335	0	0
MERIDIANLINK INC	COM	58985J105	180	10,759	SH	SOLE	1	10,759	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	1,624	29,926	SH	SOLE	1	29,926	0	0
MERITAGE HOMES CORP	COM	59001A102	1,429	19,708	SH	SOLE	1	19,708	0	0
MERITOR INC	COM	59001K100	1,384	38,095	SH	SOLE	1	38,095	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	189	41,017	SH	SOLE	1	41,017	0	0
MESA LABORATORIES INC	COM	59064R109	560	2,744	SH	SOLE	1	2,744	0	0
META PLATFORMS INC CLASS A	COM	30303M102	123,790	767,693	SH	SOLE	1	767,693	0	0
METHODE ELECTRONICS INC	COM	591520200	729	19,694	SH	SOLE	1	19,694	0	0
METLIFE INC	COM	59156R108	11,642	185,418	SH	SOLE	1	185,418	0	0
METROCITY BANKSHARES INC	COM	59165J105	177	8,739	SH	SOLE	1	8,739	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	335	4,826	SH	SOLE	1	4,826	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	8,254	7,185	SH	SOLE	1	7,185	0	0
MFA FINANCIAL INC	COM	55272X607	517	48,048	SH	SOLE	1	48,048	0	0
MGE ENERGY INC	COM	55277P104	1,326	17,041	SH	SOLE	1	17,041	0	0
MGIC INVESTMENT CORP	COM	552848103	6,445	511,503	SH	SOLE	1	511,503	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	2,854	98,582	SH	SOLE	1	98,582	0	0
MGP INGREDIENTS INC	COM	55303J106	750	7,495	SH	SOLE	1	7,495	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	11,362	195,622	SH	SOLE	1	195,622	0	0
MICRON TECHNOLOGY INC	COM	595112103	22,413	405,451	SH	SOLE	1	405,451	0	0
MICROSOFT CORP	COM	594918104	657,097	2,558,491	SH	SOLE	1	2,558,491	0	0
MICROSTRATEGY INC CL A	CL A	594972408	724	4,404	SH	SOLE	1	4,404	0	0
MICROVAST HOLDINGS INC	COM	59516C106	177	79,817	SH	SOLE	1	79,817	0	0
MICROVISION INC	COM	594960304	298	77,502	SH	SOLE	1	77,502	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	5,760	32,977	SH	SOLE	1	32,977	0	0
MID PENN BANCORP INC	COM	59540G107	181	6,708	SH	SOLE	1	6,708	0	0

MIDDLEBY CORP	COM	596278101	11,268	89,883	SH	SOLE	1	89,883	0	0
MIDDLESEX WATER CO	COM	596680108	826	9,423	SH	SOLE	1	9,423	0	0
MIDLAND STATES BANCORP INC	COM	597742105	238	9,909	SH	SOLE	1	9,909	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	197	6,621	SH	SOLE	1	6,621	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	118	5,188	SH	SOLE	1	5,188	0	0
MILLERKNOLL INC	COM	600544100	4,203	160,011	SH	SOLE	1	160,011	0	0
MIMEDX GROUP INC	COM	602496101	183	52,809	SH	SOLE	1	52,809	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	4,261	69,467	SH	SOLE	1	69,467	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	30	450	SH	SOLE	1	450	0	0
MIRION TECHNOLOGIES INC	CL A	60471A101	369	64,121	SH	SOLE	1	64,121	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	145	7,436	SH	SOLE	1	7,436	0	0
MISSION PRODUCE INC	COM	60510V108	267	18,760	SH	SOLE	1	18,760	0	0
MISTER CAR WASH INC	COM	60646V105	12	1,119	SH	SOLE	1	1,119	0	0
MITEK SYSTEMS INC	COM	606710200	183	19,761	SH	SOLE	1	19,761	0	0
MKS INSTRUMENTS INC	COM	55306N104	9,438	91,958	SH	SOLE	1	91,958	0	0
MOBILE TELESYSTEMS PUBLIC JO	ADR	607409109	0	5,342	SH	SOLE	1	5,342	0	0
MODEL N INC	COM	607525102	432	16,880	SH	SOLE	1	16,880	0	0
MODERNA INC	COM	60770K107	18,318	128,230	SH	SOLE	1	128,230	0	0
MODINE MANUFACTURING CO	COM	607828100	245	23,293	SH	SOLE	1	23,293	0	0
MODIVCARE INC	COM	60783X104	577	6,833	SH	SOLE	1	6,833	0	0
MOELIS CO CLASS A	COM	60786M105	1,188	30,186	SH	SOLE	1	30,186	0	0
MOHAWK INDUSTRIES INC	COM	608190104	1,781	14,356	SH	SOLE	1	14,356	0	0
MOLINA HEALTHCARE INC	COM	60855R100	4,728	16,908	SH	SOLE	1	16,908	0	0
MOLSON COORS BEVERAGE CO B	CL B	60871R209	2,854	52,353	SH	SOLE	1	52,353	0	0
MOMENTIVE GLOBAL INC	COM	60878Y108	546	61,997	SH	SOLE	1	61,997	0	0
MOMENTUS INC	CL A	60879E101	55	25,514	SH	SOLE	1	25,514	0	0
MONARCH CASINO RESORT INC	COM	609027107	423	7,203	SH	SOLE	1	7,203	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	28,300	455,786	SH	SOLE	1	455,786	0	0
MONEYGRAM INTERNATIONAL INC	COM	60935Y208	439	43,898	SH	SOLE	1	43,898	0	0
MONEYLION INC	CL A	60938K106	89	67,645	SH	SOLE	1	67,645	0	0
MONGODB INC	COM	60937P106	255	982	SH	SOLE	1	982	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	4,980	12,967	SH	SOLE	1	12,967	0	0
MONRO INC	COM	610236101	774	18,058	SH	SOLE	1	18,058	0	0
MONSTER BEVERAGE CORP	COM	61174X109	13,073	141,029	SH	SOLE	1	141,029	0	0
MONTAUK RENEWABLES INC	COM	61218C103	303	30,145	SH	SOLE	1	30,145	0	0
MONTE ROSA THERAPEUTICS INC	COM	61225M102	130	13,420	SH	SOLE	1	13,420	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	434	12,857	SH	SOLE	1	12,857	0	0
MOODY S CORP	COM	615369105	16,363	60,163	SH	SOLE	1	60,163	0	0
MOOG INC CLASS A	COM	615394202	1,234	15,541	SH	SOLE	1	15,541	0	0
MORGAN STANLEY	COM	617446448	35,213	462,966	SH	SOLE	1	462,966	0	0
MORNINGSTAR INC	COM	617700109	91	376	SH	SOLE	1	376	0	0

MORPHIC HOLDING INC	COM	61775R105	261	12,045	SH	SOLE	1	12,045	0	0
MOSAIC CO/THE	COM	61945C103	5,335	112,960	SH	SOLE	1	112,960	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	133	10,153	SH	SOLE	1	10,153	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	10,628	50,704	SH	SOLE	1	50,704	0	0
MOVADO GROUP INC	COM	624580106	263	8,512	SH	SOLE	1	8,512	0	0
MP MATERIALS CORP	CL A	553368101	45	1,417	SH	SOLE	1	1,417	0	0
MR COOPER GROUP INC	COM	62482R107	1,449	39,437	SH	SOLE	1	39,437	0	0
MRC GLOBAL INC	COM	55345K103	387	38,863	SH	SOLE	1	38,863	0	0
MSA SAFETY INC	COM	553498106	7,327	60,517	SH	SOLE	1	60,517	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	5,855	77,953	SH	SOLE	1	77,953	0	0
MSCI INC	COM	55354G100	12,156	29,493	SH	SOLE	1	29,493	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,619	30,387	SH	SOLE	1	30,387	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	856	72,996	SH	SOLE	1	72,996	0	0
MULLEN AUTOMOTIVE INC	COM	62526P109	7	7,100	SH	SOLE	1	7,100	0	0
MULTIPLAN CORP	COM	62548M100	971	176,871	SH	SOLE	1	176,871	0	0
MURPHY OIL CORP	COM	626717102	9,322	308,772	SH	SOLE	1	308,772	0	0
MURPHY USA INC	COM	626755102	10,955	47,042	SH	SOLE	1	47,042	0	0
MVB FINANCIAL CORP	COM	553810102	149	4,793	SH	SOLE	1	4,793	0	0
MYERS INDUSTRIES INC	COM	628464109	447	19,666	SH	SOLE	1	19,666	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	801	9,088	SH	SOLE	1	9,088	0	0
MYRIAD GENETICS INC	COM	62855J104	784	43,148	SH	SOLE	1	43,148	0	0
N ABLE INC	COM	62878D100	287	31,916	SH	SOLE	1	31,916	0	0
N B T BANCORP INC	COM	628778102	854	22,732	SH	SOLE	1	22,732	0	0
NABORS INDUSTRIES LTD	COM	G6359F137	655	4,895	SH	SOLE	1	4,895	0	0
NACCO INDUSTRIES CL A	CL A	629579103	72	1,897	SH	SOLE	1	1,897	0	0
NANO X IMAGING LTD	LTD ORD SHS	M70700105	222	19,675	SH	SOLE	1	19,675	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	276	21,738	SH	SOLE	1	21,738	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	283	13,751	SH	SOLE	1	13,751	0	0
NASDAQ INC	COM	631103108	6,188	40,569	SH	SOLE	1	40,569	0	0
NATERA INC	COM	632307104	47	1,315	SH	SOLE	1	1,315	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	608	15,896	SH	SOLE	1	15,896	0	0
NATIONAL BEVERAGE CORP	COM	635017106	625	12,774	SH	SOLE	1	12,774	0	0
NATIONAL ENERGY SERVICES REU	COM	G6375R107	121	17,854	SH	SOLE	1	17,854	0	0
NATIONAL FUEL GAS CO	COM	636180101	9,980	151,100	SH	SOLE	1	151,100	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	412	5,887	SH	SOLE	1	5,887	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	6,771	216,807	SH	SOLE	1	216,807	0	0
NATIONAL PRESTO INDS INC	COM	637215104	182	2,774	SH	SOLE	1	2,774	0	0
NATIONAL RESEARCH CORP	COM	637372202	256	6,700	SH	SOLE	1	6,700	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	12,497	290,635	SH	SOLE	1	290,635	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	6,961	139,031	SH	SOLE	1	139,031	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	1,210	43,992	SH	SOLE	1	43,992	0	0

NATIONAL WESTERN LIFE GROU A	COM	638517102	215	1,063	SH	SOLE	1	1,063	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,252	20,661	SH	SOLE	1	20,661	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	69	4,339	SH	SOLE	1	4,339	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	68	6,362	SH	SOLE	1	6,362	0	0
NATUS MEDICAL INC	COM	639050103	612	18,668	SH	SOLE	1	18,668	0	0
NAUTILUS BIOTECHNOLOGY INC	COM	63909J108	60	22,309	SH	SOLE	1	22,309	0	0
NAVIENT CORP	COM	63938C108	4,157	297,164	SH	SOLE	1	297,164	0	0
NCINO INC	COM	63947X101	20	647	SH	SOLE	1	647	0	0
NCR CORPORATION	COM	62886E108	7,019	225,624	SH	SOLE	1	225,624	0	0
NECESSITY RETAIL REIT INC/TH	COM	02607T109	455	62,556	SH	SOLE	1	62,556	0	0
NEENAH INC	COM	640079109	311	9,111	SH	SOLE	1	9,111	0	0
NEKTAR THERAPEUTICS	COM	640268108	375	98,673	SH	SOLE	1	98,673	0	0
NELNET INC CL A	CL A	64031N108	596	6,988	SH	SOLE	1	6,988	0	0
NEOGAMES SA	CL A	L6673X107	83	6,153	SH	SOLE	1	6,153	0	0
NEOGEN CORP	COM	640491106	5,485	227,678	SH	SOLE	1	227,678	0	0
NEOGENOMICS INC	COM	64049M209	549	67,325	SH	SOLE	1	67,325	0	0
NEOPHOTONICS CORP	COM	64051T100	387	24,608	SH	SOLE	1	24,608	0	0
NERDWALLET INC CL A	CL A	64082B102	95	11,991	SH	SOLE	1	11,991	0	0
NERDY INC	CL A	64081V109	54	25,367	SH	SOLE	1	25,367	0	0
NETAPP INC	COM	64110D104	8,106	124,252	SH	SOLE	1	124,252	0	0
NETEASE INC ADR	ADR	64110W102	1,036	11,099	SH	SOLE	1	11,099	0	0
NETFLIX INC	COM	64110L106	29,095	166,383	SH	SOLE	1	166,383	0	0
NETGEAR INC	COM	64111Q104	285	15,376	SH	SOLE	1	15,376	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	1,303	38,481	SH	SOLE	1	38,481	0	0
NETSTREIT CORP	COM	64119V303	425	22,527	SH	SOLE	1	22,527	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	15,440	158,392	SH	SOLE	1	158,392	0	0
NEVRO CORP	COM	64157F103	716	16,336	SH	SOLE	1	16,336	0	0
NEW FORTRESS ENERGY INC	CL A	644393100	30	752	SH	SOLE	1	752	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	9,036	202,924	SH	SOLE	1	202,924	0	0
NEW ORIENTAL EDUCATIO SP ADR	SPON ADR	647581206	43	2,136	SH	SOLE	1	2,136	0	0
NEW RELIC INC	COM	64829B100	40	806	SH	SOLE	1	806	0	0
NEW RESIDENTIAL INVESTMENT	COM	64828T201	42	4,464	SH	SOLE	1	4,464	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	7,044	771,571	SH	SOLE	1	771,571	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	569	206,080	SH	SOLE	1	206,080	0	0
NEW YORK TIMES CO A	COM	650111107	7,684	275,397	SH	SOLE	1	275,397	0	0
NEWELL BRANDS INC	COM	651229106	1,997	104,878	SH	SOLE	1	104,878	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	669	69,192	SH	SOLE	1	69,192	0	0
NEWMARKET CORP	COM	651587107	3,363	11,175	SH	SOLE	1	11,175	0	0
NEWMONT CORP	COM	651639106	14,588	244,484	SH	SOLE	1	244,484	0	0
NEWPARK RESOURCES INC	COM	651718504	123	39,667	SH	SOLE	1	39,667	0	0
NEWS CORP CLASS A	COM	65249B109	1,686	108,242	SH	SOLE	1	108,242	0	0
NEWS CORP CLASS B	COM	65249B208	533	33,544	SH	SOLE	1	33,544	0	0
NEXPOINT REAL ESTATE FINANCE	COM	65342V101	74	3,669	SH	SOLE	1	3,669	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	769	12,301	SH	SOLE	1	12,301	0	0

NEXSTAR MEDIA GROUP INC CL A	CL A	65336K103	69	425	SH	SOLE	1	425	0	0
NEXTDECADE CORP	COM	65342K105	64	14,472	SH	SOLE	1	14,472	0	0
NEXTERA ENERGY INC	COM	65339F101	40,819	526,967	SH	SOLE	1	526,967	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	527	30,192	SH	SOLE	1	30,192	0	0
NEXTTIER OILFIELD SOLUTIONS I	COM	65290C105	782	82,216	SH	SOLE	1	82,216	0	0
NEXTNAV INC	COM	65345N106	52	22,835	SH	SOLE	1	22,835	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	235	18,351	SH	SOLE	1	18,351	0	0
NI HOLDINGS INC	COM	65342T106	65	3,959	SH	SOLE	1	3,959	0	0
NICOLET BANKSHARES INC	COM	65406E102	416	5,753	SH	SOLE	1	5,753	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	2,327	100,235	SH	SOLE	1	100,235	0	0
NIKE INC CL B	COM	654106103	35,576	348,105	SH	SOLE	1	348,105	0	0
NIKOLA CORP	COM	654110105	651	136,680	SH	SOLE	1	136,680	0	0
NIO INC ADR	ADR	62914V106	400	18,429	SH	SOLE	1	18,429	0	0
NISOURCE INC	COM	65473P105	3,636	123,311	SH	SOLE	1	123,311	0	0
NKARTA INC	COM	65487U108	187	15,173	SH	SOLE	1	15,173	0	0
NL INDUSTRIES	COM	629156407	39	3,914	SH	SOLE	1	3,914	0	0
NLIGHT INC	COM	65487K100	210	20,543	SH	SOLE	1	20,543	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	764	45,915	SH	SOLE	1	45,915	0	0
NOAH HOLDINGS LTD SPON ADS	ADR	65487X102	8	401	SH	SOLE	1	401	0	0
NOBLE CORP	COM	G6610J209	446	17,612	SH	SOLE	1	17,612	0	0
NOODLES CO	COM	65540B105	90	19,143	SH	SOLE	1	19,143	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	190	89,027	SH	SOLE	1	89,027	0	0
NORDSON CORP	COM	655663102	3,137	15,496	SH	SOLE	1	15,496	0	0
NORDSTROM INC	COM	655664100	3,906	184,846	SH	SOLE	1	184,846	0	0
NORFOLK SOUTHERN CORP	COM	655844108	16,968	74,652	SH	SOLE	1	74,652	0	0
NORTHEAST BANK	COM	66405S100	115	3,145	SH	SOLE	1	3,145	0	0
NORTHERN OIL AND GAS INC	COM	665531307	776	30,704	SH	SOLE	1	30,704	0	0
NORTHERN TRUST CORP	COM	665859104	6,197	64,235	SH	SOLE	1	64,235	0	0
NORTHFIELD BANCORP INC	COM	66611T108	308	23,638	SH	SOLE	1	23,638	0	0
NORTHROP GRUMMAN CORP	COM	666807102	18,758	39,196	SH	SOLE	1	39,196	0	0
NORTHWEST BANCSHARES INC	COM	667340103	848	66,223	SH	SOLE	1	66,223	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	982	18,494	SH	SOLE	1	18,494	0	0
NORTHWEST PIPE CO	COM	667746101	137	4,574	SH	SOLE	1	4,574	0	0
NORTHWESTERN CORP	COM	668074305	6,737	114,326	SH	SOLE	1	114,326	0	0
NORTONLIFELOCK INC	COM	668771108	3,811	173,527	SH	SOLE	1	173,527	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	1,301	116,957	SH	SOLE	1	116,957	0	0
NOV INC	COM	62955J103	10,974	648,962	SH	SOLE	1	648,962	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	538	111,948	SH	SOLE	1	111,948	0	0
NOVANTA INC	COM	67000B104	2,017	16,629	SH	SOLE	1	16,629	0	0
NOVAVAX INC	COM	670002401	63	1,218	SH	SOLE	1	1,218	0	0
NOVOCURE LTD	COM	G6674U108	112	1,613	SH	SOLE	1	1,613	0	0
NOW INC	COM	67011P100	585	59,795	SH	SOLE	1	59,795	0	0
NRG ENERGY INC	COM	629377508	2,626	68,809	SH	SOLE	1	68,809	0	0
NRG ENERGY INC	COM NEW	629377508	1	34	SH	SOLE	2	34	0	0

NU SKIN ENTERPRISES INC A	COM	67018T105	4,581	105,803	SH	SOLE	1	105,803	0	0
NUCOR CORP	COM	670346105	9,093	87,094	SH	SOLE	1	87,094	0	0
NURIX THERAPEUTICS INC	COM	67080M103	263	20,752	SH	SOLE	1	20,752	0	0
NUSCALE POWER CORP	CL A	67079K100	80	8,026	SH	SOLE	1	8,026	0	0
NUTANIX INC A	COM	67059N108	40	2,768	SH	SOLE	1	2,768	0	0
NUTEX HEALTH INC	COM	67079U108	59	18,151	SH	SOLE	1	18,151	0	0
NUVALENT INC A	COM	670703107	107	7,920	SH	SOLE	1	7,920	0	0
NUVASIVE INC	COM	670704105	5,405	109,945	SH	SOLE	1	109,945	0	0
NUVATION BIO INC	CL A	67080N101	177	54,478	SH	SOLE	1	54,478	0	0
NV5 GLOBAL INC	COM	62945V109	842	7,211	SH	SOLE	1	7,211	0	0
NVENT ELECTRIC PLC	COM	G6700G107	8,610	274,825	SH	SOLE	1	274,825	0	0
NVIDIA CORP	COM	67066G104	135,934	896,719	SH	SOLE	1	896,719	0	0
NVR INC	COM	62944T105	3,568	891	SH	SOLE	1	891	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	13,439	90,786	SH	SOLE	1	90,786	0	0
O I GLASS INC	COM	67098H104	1,181	84,379	SH	SOLE	1	84,379	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	16,296	25,794	SH	SOLE	1	25,794	0	0
OAK STREET HEALTH INC	COM	67181A107	20	1,219	SH	SOLE	1	1,219	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	17,182	291,806	SH	SOLE	1	291,806	0	0
OCEANEERING INTL INC	COM	675232102	579	54,211	SH	SOLE	1	54,211	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	520	27,173	SH	SOLE	1	27,173	0	0
OCUGEN INC	COM	67577C105	227	100,183	SH	SOLE	1	100,183	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	145	36,065	SH	SOLE	1	36,065	0	0
ODP CORP/THE	COM	88337F105	706	23,352	SH	SOLE	1	23,352	0	0
OFFERPAD SOLUTIONS INC	CL A	67623L109	70	31,954	SH	SOLE	1	31,954	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	519	26,006	SH	SOLE	1	26,006	0	0
OFG BANCORP	COM	67103X102	657	25,876	SH	SOLE	1	25,876	0	0
OGE ENERGY CORP	COM	670837103	12,754	330,769	SH	SOLE	1	330,769	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	179	33,101	SH	SOLE	1	33,101	0	0
OKTA INC	COM	679295105	958	10,597	SH	SOLE	1	10,597	0	0
OLAPLEX HOLDINGS INC	COM	679369108	27	1,940	SH	SOLE	1	1,940	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	9,242	36,063	SH	SOLE	1	36,063	0	0
OLD NATIONAL BANCORP	COM	680033107	9,144	618,255	SH	SOLE	1	618,255	0	0
OLD REPUBLIC INTL CORP	COM	680223104	10,591	473,679	SH	SOLE	1	473,679	0	0
OLD SECOND BANCORP INC	COM	680277100	265	19,828	SH	SOLE	1	19,828	0	0
OLIN CORP	COM	680665205	10,613	229,317	SH	SOLE	1	229,317	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	5,666	96,448	SH	SOLE	1	96,448	0	0
OLO INC CLASS A	CL A	68134L109	415	42,092	SH	SOLE	1	42,092	0	0
OLYMPIC STEEL INC	COM	68162K106	133	5,181	SH	SOLE	1	5,181	0	0
OMEGA FLEX INC	COM	682095104	164	1,527	SH	SOLE	1	1,527	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	10,955	388,622	SH	SOLE	1	388,622	0	0
OMNICELL INC	COM	68213N109	2,709	23,814	SH	SOLE	1	23,814	0	0
OMNICOM GROUP	COM	681919106	3,646	57,316	SH	SOLE	1	57,316	0	0
ON SEMICONDUCTOR	COM	682189105	6,351	126,231	SH	SOLE	1	126,231	0	0
ON24 INC	COM	68339B104	185	19,472	SH	SOLE	1	19,472	0	0

ONCOLOGY INSTITUTE INC/THE	COM	68236X100	44	8,790	SH	SOLE	1	8,790	0	0
ONDAS HOLDINGS INC	COM	68236H204	86	15,999	SH	SOLE	1	15,999	0	0
ONE GAS INC	COM	68235P108	9,254	113,974	SH	SOLE	1	113,974	0	0
ONE GROUP HOSPITALITY INC/TH	COM	88338K103	78	10,563	SH	SOLE	1	10,563	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	198	7,638	SH	SOLE	1	7,638	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	46	1,230	SH	SOLE	1	1,230	0	0
ONEOK INC	COM	682680103	7,839	141,239	SH	SOLE	1	141,239	0	0
ONESPAN INC	COM	68287N100	253	21,287	SH	SOLE	1	21,287	0	0
ONESPAWORLD HOLDINGS LTD	COM	P73684113	223	31,062	SH	SOLE	1	31,062	0	0
ONEWATER MARINE INC CL A	CL A	68280L101	171	5,182	SH	SOLE	1	5,182	0	0
ONTO INNOVATION INC	COM	683344105	1,873	26,863	SH	SOLE	1	26,863	0	0
OOMA INC	COM	683416101	127	10,721	SH	SOLE	1	10,721	0	0
OPEN LENDING CORP CL A	CL A	68373J104	505	49,382	SH	SOLE	1	49,382	0	0
OPENDOOR TECHNOLOGIES INC	COM	683712103	26	5,470	SH	SOLE	1	5,470	0	0
OPKO HEALTH INC	COM	68375N103	478	188,968	SH	SOLE	1	188,968	0	0
OPORTUN FINANCIAL CORP	COM	68376D104	108	13,018	SH	SOLE	1	13,018	0	0
OPPENHEIMER HOLDINGS CL A	CL A	683797104	136	4,121	SH	SOLE	1	4,121	0	0
OPPI INC	CL A	68386H103	21	6,299	SH	SOLE	1	6,299	0	0
OPTIMIZERX CORP	COM	68401U204	263	9,616	SH	SOLE	1	9,616	0	0
OPTION CARE HEALTH INC	COM	68404L201	8,194	294,856	SH	SOLE	1	294,856	0	0
ORACLE CORP	COM	68389X105	30,751	440,118	SH	SOLE	1	440,118	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	107	39,540	SH	SOLE	1	39,540	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X103	237	83,296	SH	SOLE	1	83,296	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	183	37,420	SH	SOLE	1	37,420	0	0
ORGANON CO	COM	68622V106	2,386	70,696	SH	SOLE	1	70,696	0	0
ORIGIN BANCORP INC	COM	68621T102	408	10,515	SH	SOLE	1	10,515	0	0
ORIGIN MATERIALS INC	COM	68622D106	255	49,799	SH	SOLE	1	49,799	0	0
ORION ENGINEERED CARBONS SA	COM	L72967109	440	28,315	SH	SOLE	1	28,315	0	0
ORION OFFICE REIT INC	COM	68629Y103	338	30,885	SH	SOLE	1	30,885	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	1,664	21,234	SH	SOLE	1	21,234	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	120	4,965	SH	SOLE	1	4,965	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	248	10,532	SH	SOLE	1	10,532	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	291	6,733	SH	SOLE	1	6,733	0	0
OSCAR HEALTH INC CLASS A	CL A	687793109	235	55,297	SH	SOLE	1	55,297	0	0
OSHKOSH CORP	COM	688239201	8,929	108,705	SH	SOLE	1	108,705	0	0
OSI SYSTEMS INC	COM	671044105	748	8,750	SH	SOLE	1	8,750	0	0
OTIS WORLDWIDE CORP	COM	68902V107	9,346	132,254	SH	SOLE	1	132,254	0	0
OTONOMO TECHNOLOGIES LTD	ORDINARY SHARES	M7571L103	1,243	1,129,578	SH	SOLE	2	1,129,578	0	0
OTTER TAIL CORP	COM	689648103	1,293	19,254	SH	SOLE	1	19,254	0	0
OUSTER INC	COM	68989M103	104	63,912	SH	SOLE	1	63,912	0	0
OUTBRAIN INC	COM	69002R103	94	18,692	SH	SOLE	1	18,692	0	0
OUTFRONT MEDIA INC	COM	69007J106	1,162	68,545	SH	SOLE	1	68,545	0	0

OUTLOOK THERAPEUTICS INC	COM	69012T206	57	55,442	SH	SOLE	1	55,442	0	0
OUTSET MEDICAL INC	COM	690145107	333	22,438	SH	SOLE	1	22,438	0	0
OVERSTOCK.COM INC	COM	690370101	499	19,936	SH	SOLE	1	19,936	0	0
OVINTIV INC	COM	69047Q102	161	3,651	SH	SOLE	1	3,651	0	0
OWENS MINOR INC	COM	690732102	1,263	40,156	SH	SOLE	1	40,156	0	0
OWENS CORNING	COM	690742101	11,919	160,390	SH	SOLE	1	160,390	0	0
OWLET INC	CL A	69120X107	13	7,710	SH	SOLE	1	7,710	0	0
OXFORD INDUSTRIES INC	COM	691497309	745	8,395	SH	SOLE	1	8,395	0	0
OZON HOLDINGS PLC ADR	SPNSRD ADS	69269L104	0	701	SH	SOLE	1	701	0	0
P G E CORP	COM	69331C108	162	16,235	SH	SOLE	1	16,235	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	85	3,087	SH	SOLE	1	3,087	0	0
P3 HEALTH PARTNERS INC	CL A	744413105	44	11,905	SH	SOLE	1	11,905	0	0
PACCAR INC	COM	693718108	10,903	132,409	SH	SOLE	1	132,409	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	467	105,727	SH	SOLE	1	105,727	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,488	50,892	SH	SOLE	1	50,892	0	0
PACIRA BIOSCIENCES INC	COM	695127100	1,421	24,380	SH	SOLE	1	24,380	0	0
PACKAGING CORP OF AMERICA	COM	695156109	4,054	29,481	SH	SOLE	1	29,481	0	0
PACTIV EVERGREEN INC	COM	69526K105	202	20,233	SH	SOLE	1	20,233	0	0
PACWEST BANCORP	COM	695263103	5,173	194,033	SH	SOLE	1	194,033	0	0
PAGERDUTY INC	COM	69553P100	987	39,827	SH	SOLE	1	39,827	0	0
PALANTIR TECHNOLOGIES INC A	CL A	69608A108	256	28,246	SH	SOLE	1	28,246	0	0
PALO ALTO NETWORKS INC	COM	697435105	3,007	6,087	SH	SOLE	1	6,087	0	0
PALOMAR HOLDINGS INC	COM	69753M105	846	13,130	SH	SOLE	1	13,130	0	0
PAPA JOHN S INTL INC	COM	698813102	5,660	67,763	SH	SOLE	1	67,763	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	409	26,259	SH	SOLE	1	26,259	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	465	12,411	SH	SOLE	1	12,411	0	0
PARAGON 28 INC	COM	69913P105	342	21,581	SH	SOLE	1	21,581	0	0
PARAMOUNT GLOBAL CLASS A	CL A	92556H107	3	96	SH	SOLE	1	96	0	0
PARAMOUNT GLOBAL CLASS B	CL B	92556H206	4,177	169,234	SH	SOLE	1	169,234	0	0
PARAMOUNT GROUP INC	COM	69924R108	632	87,365	SH	SOLE	1	87,365	0	0
PARDES BIOSCIENCES INC	COM	69945Q105	41	13,262	SH	SOLE	1	13,262	0	0
PARK AEROSPACE CORP	COM	70014A104	135	10,605	SH	SOLE	1	10,605	0	0
PARK HOTELS RESORTS INC	COM	700517105	5,232	385,552	SH	SOLE	1	385,552	0	0
PARK NATIONAL CORP	COM	700658107	944	7,783	SH	SOLE	1	7,783	0	0
PARKE BANCORP INC	COM	700885106	99	4,731	SH	SOLE	1	4,731	0	0
PARKER HANNIFIN CORP	COM	701094104	10,589	43,038	SH	SOLE	1	43,038	0	0
PARSONS CORP	COM	70202L102	637	15,749	SH	SOLE	1	15,749	0	0
PARTY CITY HOLDCO INC	COM	702149105	67	51,040	SH	SOLE	1	51,040	0	0
PATHWARD FINANCIAL INC	COM	59100U108	609	15,746	SH	SOLE	1	15,746	0	0
PATRICK INDUSTRIES INC	COM	703343103	616	11,890	SH	SOLE	1	11,890	0	0

PATTERSON COS INC	COM	703395103	5,558	183,441	SH	SOLE	1	183,441	0	0
PATTERSON UTI ENERGY INC	COM	703481101	1,834	116,372	SH	SOLE	1	116,372	0	0
PAYA HOLDINGS INC	CL A	70434P103	269	40,957	SH	SOLE	1	40,957	0	0
PAYCHEX INC	COM	704326107	14,913	130,964	SH	SOLE	1	130,964	0	0
PAYCOM SOFTWARE INC	COM	70432V102	4,128	14,737	SH	SOLE	1	14,737	0	0
PAYCOR HCM INC	COM	70435P102	13	494	SH	SOLE	1	494	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	11,473	65,780	SH	SOLE	1	65,780	0	0
PAYONEER GLOBAL INC	COM	70451X104	397	101,336	SH	SOLE	1	101,336	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	29,952	428,860	SH	SOLE	1	428,860	0	0
PAYSAFE LTD	LTD SHS	G6964L107	309	158,296	SH	SOLE	1	158,296	0	0
PBF ENERGY INC CLASS A	COM	69318G106	1,519	52,355	SH	SOLE	1	52,355	0	0
PC CONNECTION INC	COM	69318J100	268	6,079	SH	SOLE	1	6,079	0	0
PCB BANCORP	COM	69320M109	102	5,447	SH	SOLE	1	5,447	0	0
PCSB FINANCIAL CORP	COM	69324R104	112	5,852	SH	SOLE	1	5,852	0	0
PDC ENERGY INC	COM	69327R101	9,729	157,920	SH	SOLE	1	157,920	0	0
PDF SOLUTIONS INC	COM	693282105	351	16,336	SH	SOLE	1	16,336	0	0
PEABODY ENERGY CORP	COM	704551100	1,176	55,111	SH	SOLE	1	55,111	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	242	8,138	SH	SOLE	1	8,138	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	4,581	276,448	SH	SOLE	1	276,448	0	0
PEDIATRIX MEDICAL GROUP INC	COM	58502B106	978	46,571	SH	SOLE	1	46,571	0	0
PEGASYSTEMS INC	COM	705573103	31	645	SH	SOLE	1	645	0	0
PELTON INTERACTIVE INC A	CL A	70614W100	29	3,117	SH	SOLE	1	3,117	0	0
PENN NATIONAL GAMING INC	COM	707569109	1,387	45,588	SH	SOLE	1	45,588	0	0
PENNANT GROUP INC/THE	COM	70805E109	182	14,215	SH	SOLE	1	14,215	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	606	13,857	SH	SOLE	1	13,857	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	689	49,840	SH	SOLE	1	49,840	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	30	287	SH	SOLE	1	287	0	0
PENTAIR PLC	COM	G7S00T104	2,159	47,177	SH	SOLE	1	47,177	0	0
PENUMBRA INC	COM	70975L107	7,310	58,703	SH	SOLE	1	58,703	0	0
PEOPLES BANCORP INC	COM	709789101	346	13,022	SH	SOLE	1	13,022	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	183	3,275	SH	SOLE	1	3,275	0	0
PEPGEN INC	COM	713317105	39	3,900	SH	SOLE	1	3,900	0	0
PEPSICO INC	COM	713448108	95,186	571,136	SH	SOLE	1	571,136	0	0
PERDOCEO EDUCATION CORP	COM	71363P106	436	37,028	SH	SOLE	1	37,028	0	0
PERELLA WEINBERG PARTNERS	CL A	71367G102	127	21,804	SH	SOLE	1	21,804	0	0
PERFICIENT INC	COM	71375U101	1,701	18,549	SH	SOLE	1	18,549	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	11,785	256,306	SH	SOLE	1	256,306	0	0
PERIMETER SOLUTIONS SA	COM	L7579L106	618	57,034	SH	SOLE	1	57,034	0	0
PERKINELMER INC	COM	714046109	5,204	36,588	SH	SOLE	1	36,588	0	0
PERRIGO CO PLC	COM	G97822103	9,019	222,303	SH	SOLE	1	222,303	0	0
PETCO HEALTH AND WELLNESS CO	COM	71601V105	12	842	SH	SOLE	1	842	0	0
PETIQ INC	COM	71639T106	215	12,819	SH	SOLE	1	12,819	0	0
PETMED EXPRESS INC	COM	716382106	219	10,994	SH	SOLE	1	10,994	0	0
PFIZER INC	COM	717081103	80,713	1,539,437	SH	SOLE	1	1,539,437	0	0

PFSWEB INC	COM	717098206	91	7,732	SH	SOLE	1	7,732	0	0
PGT INNOVATIONS INC	COM	69336V101	533	32,018	SH	SOLE	1	32,018	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	91	10,778	SH	SOLE	1	10,778	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	211	11,046	SH	SOLE	1	11,046	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	41,057	415,810	SH	SOLE	1	415,810	0	0
PHILLIPS 66	COM	718546104	10,994	134,090	SH	SOLE	1	134,090	0	0
PHILLIPS EDISON COMPANY IN	COM	71844V201	1,788	53,527	SH	SOLE	1	53,527	0	0
PHOTRONICS INC	COM	719405102	635	32,606	SH	SOLE	1	32,606	0	0
PHREESIA INC	COM	71944F106	575	22,988	SH	SOLE	1	22,988	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	8,292	475,199	SH	SOLE	1	475,199	0	0
PIEDMONT LITHIUM INC	COM	72016P105	296	8,128	SH	SOLE	1	8,128	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	755	57,544	SH	SOLE	1	57,544	0	0
PILGRIM S PRIDE CORP	COM	72147K108	2,484	79,533	SH	SOLE	1	79,533	0	0
PINDUODUO INC ADR	ADR	722304102	2,038	32,984	SH	SOLE	1	32,984	0	0
PING IDENTITY HOLDING CORP	COM	72341T103	656	36,178	SH	SOLE	1	36,178	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	9,125	126,188	SH	SOLE	1	126,188	0	0
PINNACLE WEST CAPITAL	COM	723484101	2,303	31,493	SH	SOLE	1	31,493	0	0
PINTEREST INC CLASS A	CL A	72352L106	120	6,633	SH	SOLE	1	6,633	0	0
PIONEER BANCORP INC/NY	COM	723561106	53	5,433	SH	SOLE	1	5,433	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	18,165	81,428	SH	SOLE	1	81,428	0	0
PIPER SANDLER COS	COM	724078100	1,039	9,169	SH	SOLE	1	9,169	0	0
PITNEY BOWES INC	COM	724479100	337	93,065	SH	SOLE	1	93,065	0	0
PJT PARTNERS INC A	COM	69343T107	790	11,239	SH	SOLE	1	11,239	0	0
PLANET FITNESS INC CL A	CL A	72703H101	82	1,203	SH	SOLE	1	1,203	0	0
PLANET LABS PBC	CL A	72703X106	315	72,779	SH	SOLE	1	72,779	0	0
PLANTRONICS INC	COM	727493108	911	22,955	SH	SOLE	1	22,955	0	0
PLAYSTUDIOS INC	CL A	72815G108	159	37,092	SH	SOLE	1	37,092	0	0
PLAYTIKA HOLDING CORP	COM	72815L107	21	1,568	SH	SOLE	1	1,568	0	0
PLBY GROUP INC	COM	72814P109	93	14,562	SH	SOLE	1	14,562	0	0
PLEXUS CORP	COM	729132100	1,169	14,897	SH	SOLE	1	14,897	0	0
PLUG POWER INC	COM	72919P202	112	6,764	SH	SOLE	1	6,764	0	0
PLYMOUTH INDUSTRIAL REIT INC	COM	729640102	309	17,636	SH	SOLE	1	17,636	0	0
PMV PHARMACEUTICALS INC	COM	69353Y103	246	17,237	SH	SOLE	1	17,237	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	22,940	145,401	SH	SOLE	1	145,401	0	0
PNM RESOURCES INC	COM	69349H107	8,645	180,924	SH	SOLE	1	180,924	0	0
POINT BIOPHARMA GLOBAL INC	COM	730541109	236	34,661	SH	SOLE	1	34,661	0	0
POLARIS INC	COM	731068102	9,196	92,624	SH	SOLE	1	92,624	0	0
POLYMET MINING CORP	COM	731916409	38	13,678	SH	SOLE	1	13,678	0	0
POOL CORP	COM	73278L105	6,236	17,756	SH	SOLE	1	17,756	0	0
POPULAR INC	COM	733174700	60	784	SH	SOLE	1	784	0	0
PORCH GROUP INC	COM	733245104	97	37,768	SH	SOLE	1	37,768	0	0
PORTILLO S INC CL A	CL A	73642K106	152	9,311	SH	SOLE	1	9,311	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	9,104	188,369	SH	SOLE	1	188,369	0	0

POSHMARK INC CLASS A	CL A	73739W104	217	21,512	SH	SOLE	1	21,512	0	0
POST HOLDINGS INC	COM	737446104	7,603	92,330	SH	SOLE	1	92,330	0	0
POSTAL REALTY TRUST INC A	CL A	73757R102	123	8,282	SH	SOLE	1	8,282	0	0
POTLATCHDELTIC CORP	COM	737630103	6,446	145,867	SH	SOLE	1	145,867	0	0
POWELL INDUSTRIES INC	COM	739128106	116	4,947	SH	SOLE	1	4,947	0	0
POWER INTEGRATIONS INC	COM	739276103	9,211	122,797	SH	SOLE	1	122,797	0	0
POWERSCHOOL HOLDINGS INC A	CL A	73939C106	257	21,346	SH	SOLE	1	21,346	0	0
PPG INDUSTRIES INC	COM	693506107	8,744	76,478	SH	SOLE	1	76,478	0	0
PPL CORP	COM	69351T106	5,897	217,375	SH	SOLE	1	217,375	0	0
PRA GROUP INC	COM	69354N106	782	21,510	SH	SOLE	1	21,510	0	0
PRAXIS PRECISION MEDICINES I	COM	74006W108	43	17,707	SH	SOLE	1	17,707	0	0
PRECIGEN INC	COM	74017N105	63	47,243	SH	SOLE	1	47,243	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	505	7,421	SH	SOLE	1	7,421	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	72	1,170	SH	SOLE	1	1,170	0	0
PREMIER FINANCIAL CORP	COM	74052F108	420	16,581	SH	SOLE	1	16,581	0	0
PREMIER INC CLASS A	COM	74051N102	44	1,232	SH	SOLE	1	1,232	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	1,603	27,263	SH	SOLE	1	27,263	0	0
PRICESMART INC	COM	741511109	952	13,294	SH	SOLE	1	13,294	0	0
PRIMERICA INC	COM	74164M108	7,609	63,575	SH	SOLE	1	63,575	0	0
PRIMIS FINANCIAL CORP	COM	74167B109	141	10,371	SH	SOLE	1	10,371	0	0
PRIMO WATER CORP	COM	74167P108	987	73,763	SH	SOLE	1	73,763	0	0
PRIMORIS SERVICES CORP	COM	74164F103	540	24,830	SH	SOLE	1	24,830	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	4,385	65,655	SH	SOLE	1	65,655	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	28	8,386	SH	SOLE	1	8,386	0	0
PRIVIA HEALTH GROUP INC	COM	74276R102	591	20,295	SH	SOLE	1	20,295	0	0
PROASSURANCE CORP	COM	74267C106	691	29,224	SH	SOLE	1	29,224	0	0
PROCEPT BIOROBOTICS CORP	COM	74276L105	392	11,983	SH	SOLE	1	11,983	0	0
PROCORE TECHNOLOGIES INC	COM	74275K108	45	990	SH	SOLE	1	990	0	0
PROCTER GAMBLE CO/THE	COM	742718109	92,543	643,600	SH	SOLE	1	643,600	0	0
PROFESSIONAL HOLDING CORP A	CL A	743139107	121	6,051	SH	SOLE	1	6,051	0	0
PROG HOLDINGS INC	COM	74319R101	484	29,325	SH	SOLE	1	29,325	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,073	23,692	SH	SOLE	1	23,692	0	0
PROGRESSIVE CORP	COM	743315103	20,913	179,862	SH	SOLE	1	179,862	0	0
PROGYNY INC	COM	74340E103	4,394	151,247	SH	SOLE	1	151,247	0	0
PROLOGIS INC	COM	74340W103	28,027	238,226	SH	SOLE	1	238,226	0	0
PROMETHEUS BIOSCIENCES INC	COM	74349U108	387	13,698	SH	SOLE	1	13,698	0	0
PROPETRO HOLDING CORP	COM	74347M108	472	47,191	SH	SOLE	1	47,191	0	0
PROS HOLDINGS INC	COM	74346Y103	503	19,170	SH	SOLE	1	19,170	0	0
PROSPERITY BANCSHARES INC	COM	743606105	10,395	152,264	SH	SOLE	1	152,264	0	0
PROTAGONIST	COM	74366E102	170	21,537	SH	SOLE	1	21,537	0	0

THERAPEUTICS INC										
PROTERRA INC	COM	74374T109	480	103,494	SH	SOLE	1	103,494	0	0
PROTHENA CORP PLC	COM	G72800108	451	16,604	SH	SOLE	1	16,604	0	0
PROTO LABS INC	COM	743713109	714	14,915	SH	SOLE	1	14,915	0	0
PROVENTION BIO INC	COM	74374N102	105	26,196	SH	SOLE	1	26,196	0	0
PROVIDENT BANCORP INC	COM	74383L105	106	6,750	SH	SOLE	1	6,750	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	902	40,524	SH	SOLE	1	40,524	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	11,976	125,164	SH	SOLE	1	125,164	0	0
PS BUSINESS PARKS INC/MD	COM	69360J107	7,965	42,561	SH	SOLE	1	42,561	0	0
PTC INC	COM	69370C100	3,573	33,601	SH	SOLE	1	33,601	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,317	32,880	SH	SOLE	1	32,880	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	8,805	139,136	SH	SOLE	1	139,136	0	0
PUBLIC STORAGE	COM	74460D109	14,575	46,616	SH	SOLE	1	46,616	0	0
PUBMATIC INC CLASS A	CL A	74467Q103	310	19,531	SH	SOLE	1	19,531	0	0
PULMONX CORP	COM	745848101	236	16,007	SH	SOLE	1	16,007	0	0
PULTEGROUP INC	COM	745867101	2,643	66,693	SH	SOLE	1	66,693	0	0
PURE CYCLE CORP	COM	746228303	96	9,114	SH	SOLE	1	9,114	0	0
PURE STORAGE INC CLASS A	COM	74624M102	113	4,393	SH	SOLE	1	4,393	0	0
PURECYCLE TECHNOLOGIES INC	COM	74623V103	369	49,738	SH	SOLE	1	49,738	0	0
PURPLE INNOVATION INC	COM	74640Y106	79	25,694	SH	SOLE	1	25,694	0	0
PVH CORP	COM	693656100	1,071	18,815	SH	SOLE	1	18,815	0	0
PZENA INVESTMENT MANAGM CL A	CL A	74731Q103	52	7,821	SH	SOLE	1	7,821	0	0
Q2 HOLDINGS INC	COM	74736L109	1,009	26,151	SH	SOLE	1	26,151	0	0
QCR HOLDINGS INC	COM	74727A104	419	7,754	SH	SOLE	1	7,754	0	0
QIAGEN N.V.	COM	N72482123	112	2,374	SH	SOLE	1	2,374	0	0
QORVO INC	COM	74736K101	2,907	30,821	SH	SOLE	1	30,821	0	0
QUAD GRAPHICS INC	CL A	747301109	45	16,301	SH	SOLE	1	16,301	0	0
QUAKER CHEMICAL CORPORATION	COM	747316107	1,096	7,332	SH	SOLE	1	7,332	0	0
QUALCOMM INC	COM	747525103	53,939	422,259	SH	SOLE	1	422,259	0	0
QUALYS INC	COM	74758T303	9,221	73,104	SH	SOLE	1	73,104	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	409	17,959	SH	SOLE	1	17,959	0	0
QUANTA SERVICES INC	COM	74762E102	5,179	41,317	SH	SOLE	1	41,317	0	0
QUANTERIX CORP	COM	74766Q101	257	15,888	SH	SOLE	1	15,888	0	0
QUANTUM SI INC	CL A	74765K105	99	42,750	SH	SOLE	1	42,750	0	0
QUANTUMSCAPE CORP	CL A	74767V109	22	2,563	SH	SOLE	1	2,563	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	4,777	35,922	SH	SOLE	1	35,922	0	0
QUIDELORTHO CORP	COM	219798105	8,031	82,641	SH	SOLE	1	82,641	0	0
QUINSTREET INC	COM	74874Q100	282	28,006	SH	SOLE	1	28,006	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	124	41,834	SH	SOLE	1	41,834	0	0
QURATE RETAIL INC	COM	74915M100	470	163,890	SH	SOLE	1	163,890	0	0
R1 RCM INC	COM	77634L105	5,946	283,678	SH	SOLE	1	283,678	0	0
RACKSPACE TECHNOLOGY INC	COM	750102105	193	26,958	SH	SOLE	1	26,958	0	0
RADIAN GROUP INC	COM	750236101	1,594	81,118	SH	SOLE	1	81,118	0	0
RADIANT LOGISTICS INC	COM	75025X100	132	17,737	SH	SOLE	1	17,737	0	0
RADIUS GLOBAL INFRASTRUCTU A	CL A	750481103	533	34,960	SH	SOLE	1	34,960	0	0
RADIUS HEALTH INC	COM	750469207	227	21,871	SH	SOLE	1	21,871	0	0

RADNET INC	COM	750491102	455	26,353	SH	SOLE	1	26,353	0	0
RALLYBIO CORP	COM	75120L100	56	7,466	SH	SOLE	1	7,466	0	0
RALPH LAUREN CORP	COM	751212101	1,156	12,894	SH	SOLE	1	12,894	0	0
RAMACO RESOURCES INC	COM	75134P303	138	10,493	SH	SOLE	1	10,493	0	0
RAMBUS INC	COM	750917106	1,277	59,444	SH	SOLE	1	59,444	0	0
RANGE RESOURCES CORP	COM	75281A109	10,622	429,175	SH	SOLE	1	429,175	0	0
RANGER OIL CORP A	COM	70788V102	379	11,518	SH	SOLE	1	11,518	0	0
RANPAK HOLDINGS CORP	CL A	75321W103	142	20,338	SH	SOLE	1	20,338	0	0
RAPID7 INC	COM	753422104	1,816	27,190	SH	SOLE	1	27,190	0	0
RAPT THERAPEUTICS INC	COM	75382E109	222	12,169	SH	SOLE	1	12,169	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	4,968	55,563	SH	SOLE	1	55,563	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	88	33,616	SH	SOLE	1	33,616	0	0
RAYONIER INC	COM	754907103	9,035	241,699	SH	SOLE	1	241,699	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	38,342	398,939	SH	SOLE	1	398,939	0	0
RBB BANCORP	COM	74930B105	145	7,001	SH	SOLE	1	7,001	0	0
RBC BEARINGS INC	COM	75524B104	2,470	13,353	SH	SOLE	1	13,353	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	200	4,140	SH	SOLE	1	4,140	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	250	10,206	SH	SOLE	1	10,206	0	0
READY CAPITAL CORP	COM	75574U101	472	39,633	SH	SOLE	1	39,633	0	0
REALREAL INC/THE	COM	88339P101	99	39,841	SH	SOLE	1	39,841	0	0
REALTY INCOME CORP	COM	756109104	11,446	167,676	SH	SOLE	1	167,676	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	393	12,941	SH	SOLE	1	12,941	0	0
RECURSION PHARMACEUTICALS A	CL A	75629V104	515	63,291	SH	SOLE	1	63,291	0	0
RED RIVER BANCSHARES INC	COM	75686R202	110	2,041	SH	SOLE	1	2,041	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	833	24,973	SH	SOLE	1	24,973	0	0
RED VIOLET INC	COM	75704L104	84	4,435	SH	SOLE	1	4,435	0	0
REDBOX ENTERTAINMENT INC	CL A	75724T103	23	3,063	SH	SOLE	1	3,063	0	0
REDFIN CORP	COM	75737F108	405	49,161	SH	SOLE	1	49,161	0	0
REDWIRE CORP	COM	75776W103	28	9,057	SH	SOLE	1	9,057	0	0
REDWOOD TRUST INC	COM	758075402	502	65,142	SH	SOLE	1	65,142	0	0
REGAL REXNORD CORP	COM	758750103	12,567	110,704	SH	SOLE	1	110,704	0	0
REGENCY CENTERS CORP	COM	758849103	2,574	43,405	SH	SOLE	1	43,405	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	24,732	41,839	SH	SOLE	1	41,839	0	0
REGENXBIO INC	COM	75901B107	533	21,597	SH	SOLE	1	21,597	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	135	3,602	SH	SOLE	1	3,602	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	4,973	265,221	SH	SOLE	1	265,221	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	12,981	110,678	SH	SOLE	1	110,678	0	0
RELAY THERAPEUTICS INC	COM	75943R102	600	35,807	SH	SOLE	1	35,807	0	0
RELIANCE STEEL ALUMINUM	COM	759509102	17,385	102,347	SH	SOLE	1	102,347	0	0
RELMADA THERAPEUTICS INC	COM	75955J402	243	12,819	SH	SOLE	1	12,819	0	0
REMITLY GLOBAL INC	COM	75960P104	302	39,374	SH	SOLE	1	39,374	0	0

RENAISSANCERE HOLDINGS LTD	COM	G7496G103	11,434	73,124	SH	SOLE	1	73,124	0	0
RENASANT CORP	COM	75970E107	857	29,745	SH	SOLE	1	29,745	0	0
RENT A CENTER INC	COM	76009N100	561	28,819	SH	SOLE	1	28,819	0	0
RENT THE RUNWAY INC A	CL A	76010Y103	67	21,868	SH	SOLE	1	21,868	0	0
REPAY HOLDINGS CORP	CL A	76029L100	527	41,011	SH	SOLE	1	41,011	0	0
REPLIGEN CORP	COM	759916109	13,872	85,418	SH	SOLE	1	85,418	0	0
REPLIMUNE GROUP INC	COM	76029N106	247	14,119	SH	SOLE	1	14,119	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	199	4,131	SH	SOLE	1	4,131	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	86	22,640	SH	SOLE	1	22,640	0	0
REPUBLIC SERVICES INC	COM	760759100	7,746	59,191	SH	SOLE	1	59,191	0	0
RESERVOIR MEDIA INC	COM	76119X105	62	9,574	SH	SOLE	1	9,574	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	1,523	78,420	SH	SOLE	1	78,420	0	0
RESMED INC	COM	761152107	9,534	45,478	SH	SOLE	1	45,478	0	0
RESOLUTE FOREST PRODUCTS	COM	76117W109	274	21,510	SH	SOLE	1	21,510	0	0
RESOURCES CONNECTION INC	COM	76122Q105	350	17,159	SH	SOLE	1	17,159	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	1,035	65,613	SH	SOLE	1	65,613	0	0
REV GROUP INC	COM	749527107	177	16,304	SH	SOLE	1	16,304	0	0
REVANCE THERAPEUTICS INC	COM	761330109	453	32,810	SH	SOLE	1	32,810	0	0
REVOLUTION MEDICINES INC	COM	76155X100	575	29,500	SH	SOLE	1	29,500	0	0
REVOLVE GROUP INC	CL A	76156B107	495	19,115	SH	SOLE	1	19,115	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	242	2,856	SH	SOLE	1	2,856	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	15,702	272,648	SH	SOLE	1	272,648	0	0
REYNOLDS CONSUMER PRODUCTS I	COM	76171L106	15	568	SH	SOLE	1	568	0	0
RH	COM	74967X103	6,173	29,084	SH	SOLE	1	29,084	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	103	33,844	SH	SOLE	1	33,844	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	91	80,771	SH	SOLE	1	80,771	0	0
RIGETTI COMPUTING INC	COM	76655K103	55	15,003	SH	SOLE	1	15,003	0	0
RILEY EXPLORATION PERMIAN IN	COM	76665T102	118	4,864	SH	SOLE	1	4,864	0	0
RIMINI STREET INC	COM	76674Q107	137	22,776	SH	SOLE	1	22,776	0	0
RING ENERGY INC	COM	76680V108	108	40,465	SH	SOLE	1	40,465	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	69	1,316	SH	SOLE	1	1,316	0	0
RIOT BLOCKCHAIN INC	COM	767292105	230	54,812	SH	SOLE	1	54,812	0	0
RITE AID CORP	COM	767754872	172	25,540	SH	SOLE	1	25,540	0	0
RIVIAN AUTOMOTIVE INC A	CL A	76954A103	48	1,865	SH	SOLE	1	1,865	0	0
RLI CORP	COM	749607107	9,764	83,748	SH	SOLE	1	83,748	0	0
RLJ LODGING TRUST	COM	74965L101	849	76,973	SH	SOLE	1	76,973	0	0
RLX TECHNOLOGY INC ADR	SPONS ADS	74969N103	17	7,798	SH	SOLE	1	7,798	0	0
RMR GROUP INC/THE A	COM	74967R106	203	7,163	SH	SOLE	1	7,163	0	0
ROBERT HALF INTL INC	COM	770323103	2,405	32,113	SH	SOLE	1	32,113	0	0
ROBINHOOD MARKETS INC A	CL A	770700102	48	5,814	SH	SOLE	1	5,814	0	0
ROBLOX CORP CLASS A	CL A	771049103	226	6,874	SH	SOLE	1	6,874	0	0

ROCKET COS INC CLASS A	CL A	77311W101	12	1,576	SH	SOLE	1	1,576	0	0
ROCKET LAB USA INC	COM	773122106	378	99,814	SH	SOLE	1	99,814	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	282	20,482	SH	SOLE	1	20,482	0	0
ROCKLEY PHOTONICS HOLDINGS L	LTD ORD SHS	G7614L109	104	47,712	SH	SOLE	1	47,712	0	0
ROCKWELL AUTOMATION INC	COM	773903109	7,156	35,903	SH	SOLE	1	35,903	0	0
ROCKY BRANDS INC	COM	774515100	110	3,224	SH	SOLE	1	3,224	0	0
ROGERS CORP	COM	775133101	2,664	10,164	SH	SOLE	1	10,164	0	0
ROIVANT SCIENCES LTD	SHS	G76279101	7,386	1,814,697	SH	SOLE	2	1,814,697	0	0
ROKU INC	COM	77543R102	117	1,428	SH	SOLE	1	1,428	0	0
ROLLINS INC	COM	775711104	2,285	65,426	SH	SOLE	1	65,426	0	0
ROOT INC/OH CLASS A	CL A	77664L108	78	65,375	SH	SOLE	1	65,375	0	0
ROPER TECHNOLOGIES INC	COM	776696106	11,854	30,038	SH	SOLE	1	30,038	0	0
ROSS STORES INC	COM	778296103	8,991	128,016	SH	SOLE	1	128,016	0	0
ROVER GROUP INC	CL A	77936F103	163	43,406	SH	SOLE	1	43,406	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	2,181	62,488	SH	SOLE	1	62,488	0	0
ROYAL GOLD INC	COM	780287108	11,582	108,469	SH	SOLE	1	108,469	0	0
ROYALTY PHARMA PLC CL A	CL A	G7709Q104	161	3,841	SH	SOLE	1	3,841	0	0
RPC INC	COM	749660106	276	39,992	SH	SOLE	1	39,992	0	0
RPM INTERNATIONAL INC	COM	749685103	16,843	213,967	SH	SOLE	1	213,967	0	0
RPT REALTY	COM	74971D101	446	45,356	SH	SOLE	1	45,356	0	0
RUMBLEON INC B	CL B	781386305	71	4,846	SH	SOLE	1	4,846	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	158	3,192	SH	SOLE	1	3,192	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	958	19,875	SH	SOLE	1	19,875	0	0
RUSH STREET INTERACTIVE INC	COM	782011100	133	28,427	SH	SOLE	1	28,427	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	286	17,592	SH	SOLE	1	17,592	0	0
RXSIGHT INC	COM	78349D107	136	9,638	SH	SOLE	1	9,638	0	0
RYAN SPECIALTY HOLDINGS INC	CL A	78351F107	50	1,284	SH	SOLE	1	1,284	0	0
RYDER SYSTEM INC	COM	783549108	6,002	84,470	SH	SOLE	1	84,470	0	0
RYERSON HOLDING CORP	COM	783754104	165	7,764	SH	SOLE	1	7,764	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	1,915	25,192	SH	SOLE	1	25,192	0	0
S T BANCORP INC	COM	783859101	581	21,183	SH	SOLE	1	21,183	0	0
SP GLOBAL INC	COM	78409V104	40,657	120,621	SH	SOLE	1	120,621	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	6,806	487,217	SH	SOLE	1	487,217	0	0
SABRE CORP	COM	78573M104	4,014	688,501	SH	SOLE	1	688,501	0	0
SAFE BULKERS INC	COM	Y7388L103	131	34,299	SH	SOLE	1	34,299	0	0
SAFEHOLD INC	COM	78645L100	400	11,305	SH	SOLE	1	11,305	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	747	7,694	SH	SOLE	1	7,694	0	0
SAGE THERAPEUTICS INC	COM	78667J108	788	24,381	SH	SOLE	1	24,381	0	0
SAIA INC	COM	78709Y105	10,488	55,789	SH	SOLE	1	55,789	0	0
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	12,434	198,370	SH	SOLE	1	198,370	0	0
SALESFORCE INC	COM	79466L302	51,520	312,168	SH	SOLE	1	312,168	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	692	58,025	SH	SOLE	1	58,025	0	0

SANA BIOTECHNOLOGY INC	COM	799566104	268	41,661	SH	SOLE	1	41,661	0	0
SANDERSON FARMS INC	COM	800013104	9,666	44,846	SH	SOLE	1	44,846	0	0
SANDRIDGE ENERGY INC	COM	80007P869	233	14,876	SH	SOLE	1	14,876	0	0
SANDY SPRING BANCORP INC	COM	800363103	810	20,725	SH	SOLE	1	20,725	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	232	56,061	SH	SOLE	1	56,061	0	0
SANMINA CORP	COM	801056102	1,327	32,588	SH	SOLE	1	32,588	0	0
SAPIENS INTERNATIONAL CORP	V SHS	G7T16G103	348	14,384	SH	SOLE	1	14,384	0	0
SARCOS TECHNOLOGY AND ROBOTI	COM	80359A106	94	35,515	SH	SOLE	1	35,515	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	98	1,314	SH	SOLE	1	1,314	0	0
SAUL CENTERS INC	COM	804395101	306	6,496	SH	SOLE	1	6,496	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	10,385	32,447	SH	SOLE	1	32,447	0	0
SCANSOURCE INC	COM	806037107	431	13,854	SH	SOLE	1	13,854	0	0
SCHLUMBERGER LTD	COM	806857108	14,732	411,960	SH	SOLE	1	411,960	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	13	565	SH	SOLE	1	565	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	398	12,133	SH	SOLE	1	12,133	0	0
SCHOLASTIC CORP	COM	807066105	546	15,173	SH	SOLE	1	15,173	0	0
SCHRODINGER INC	COM	80810D103	667	25,260	SH	SOLE	1	25,260	0	0
SCHWAB (CHARLES) CORP	COM	808513105	31,233	494,354	SH	SOLE	1	494,354	0	0
SCIENCE 37 HOLDINGS INC	COM	808644108	59	29,140	SH	SOLE	1	29,140	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	8,586	92,222	SH	SOLE	1	92,222	0	0
SCORPIO TANKERS INC	COM	Y7542C130	802	23,232	SH	SOLE	1	23,232	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	5,283	66,878	SH	SOLE	1	66,878	0	0
SCULPTOR CAPITAL MANAGEMENT	COM	811246107	103	12,283	SH	SOLE	1	12,283	0	0
SEA LTD ADR	SPONS ADS	81141R100	4,028	60,242	SH	SOLE	1	60,242	0	0
SEABOARD CORP	COM	811543107	12	3	SH	SOLE	1	3	0	0
SEACOAST BANKING CORP/FL	COM	811707801	1,085	32,842	SH	SOLE	1	32,842	0	0
SEAGATE TECHNOLOGY HOLDINGS	ORD SHS	G7997R103	5,363	75,065	SH	SOLE	1	75,065	0	0
SEAGEN INC	COM	81181C104	2,366	13,369	SH	SOLE	1	13,369	0	0
SEALED AIR CORP	COM	81211K100	2,446	42,372	SH	SOLE	1	42,372	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	94	16,596	SH	SOLE	1	16,596	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	935	21,158	SH	SOLE	1	21,158	0	0
SECUREWORKS CORP A	COM	81374A105	50	4,592	SH	SOLE	1	4,592	0	0
SEER INC	CL A	81578P106	216	24,145	SH	SOLE	1	24,145	0	0
SEI INVESTMENTS COMPANY	COM	784117103	9,311	172,359	SH	SOLE	1	172,359	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	228	33,421	SH	SOLE	1	33,421	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,374	58,172	SH	SOLE	1	58,172	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	11,043	127,021	SH	SOLE	1	127,021	0	0
SELECTQUOTE INC	COM	816307300	178	71,797	SH	SOLE	1	71,797	0	0
SEMA4 HOLDINGS CORP	CL A	81663L101	93	73,998	SH	SOLE	1	73,998	0	0
SEMPRA ENERGY	COM	816851109	12,867	85,629	SH	SOLE	1	85,629	0	0

SEMTECH CORP	COM	816850101	7,356	133,824	SH	SOLE	1	133,824	0	0
SENECA FOODS CORP CL A	CL A	817070501	177	3,185	SH	SOLE	1	3,185	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	67	1,623	SH	SOLE	1	1,623	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	221	214,412	SH	SOLE	1	214,412	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	7,141	88,645	SH	SOLE	1	88,645	0	0
SENTINELONE INC CLASS A	CL A	81730H109	56	2,415	SH	SOLE	1	2,415	0	0
SERES THERAPEUTICS INC	COM	81750R102	113	32,978	SH	SOLE	1	32,978	0	0
SERITAGE GROWTH PROP A REIT	COM	81752R100	107	20,568	SH	SOLE	1	20,568	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	18,124	262,217	SH	SOLE	1	262,217	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	466	89,064	SH	SOLE	1	89,064	0	0
SERVICENOW INC	COM	81762P102	32,784	68,944	SH	SOLE	1	68,944	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	2,138	27,088	SH	SOLE	1	27,088	0	0
SFL CORP LTD	SHS	G7738W106	510	53,765	SH	SOLE	1	53,765	0	0
SHAKE SHACK INC CLASS A	COM	819047101	807	20,446	SH	SOLE	1	20,446	0	0
SHARECARE INC	CL A	81948W104	45	28,723	SH	SOLE	1	28,723	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	585	26,361	SH	SOLE	1	26,361	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	16,688	74,528	SH	SOLE	1	74,528	0	0
SHIFT4 PAYMENTS INC CLASS A	CL A	82452J109	27	827	SH	SOLE	1	827	0	0
SHOALS TECHNOLOGIES GROUP A	CL A	82489W107	863	52,357	SH	SOLE	1	52,357	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	14,419	75,426	SH	SOLE	1	75,426	0	0
SHOE CARNIVAL INC	COM	824889109	205	9,509	SH	SOLE	1	9,509	0	0
SHORE BANCSHARES INC	COM	825107105	154	8,329	SH	SOLE	1	8,329	0	0
SHOTSPOTTER INC	COM	82536T107	112	4,179	SH	SOLE	1	4,179	0	0
SHUTTERSTOCK INC	COM	825690100	749	13,062	SH	SOLE	1	13,062	0	0
SHYFT GROUP INC/THE	COM	825698103	300	16,162	SH	SOLE	1	16,162	0	0
SI BONE INC	COM	825704109	207	15,704	SH	SOLE	1	15,704	0	0
SIERRA BANCORP	COM	82620P102	140	6,431	SH	SOLE	1	6,431	0	0
SIERRA ONCOLOGY INC	COM	82640U404	381	6,933	SH	SOLE	1	6,933	0	0
SIGA TECHNOLOGIES INC	COM	826917106	255	22,047	SH	SOLE	1	22,047	0	0
SIGHT SCIENCES INC	COM	82657M105	91	10,079	SH	SOLE	1	10,079	0	0
SIGNATURE BANK	COM	82669G104	3,272	18,256	SH	SOLE	1	18,256	0	0
SIGNET JEWELERS LTD	COM	G81276100	1,354	25,334	SH	SOLE	1	25,334	0	0
SIGNIFY HEALTH INC CLASS A	CL A	82671G100	11	763	SH	SOLE	1	763	0	0
SILGAN HOLDINGS INC	COM	827048109	5,753	139,127	SH	SOLE	1	139,127	0	0
SILICON LABORATORIES INC	COM	826919102	10,804	77,048	SH	SOLE	1	77,048	0	0
SILK ROAD MEDICAL INC	COM	82710M100	589	16,176	SH	SOLE	1	16,176	0	0
SILVERBOW RESOURCES INC	COM	82836G102	156	5,492	SH	SOLE	1	5,492	0	0
SILVERCREST ASSET MANAGEME A	CL A	828359109	76	4,641	SH	SOLE	1	4,641	0	0
SILVERGATE CAPITAL CORP CL A	CL A	82837P408	785	14,672	SH	SOLE	1	14,672	0	0

SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,444	67,924	SH	SOLE	1	67,924	0	0
SIMON PROPERTY GROUP INC	COM	828806109	8,974	94,538	SH	SOLE	1	94,538	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,838	48,670	SH	SOLE	1	48,670	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	9,171	91,152	SH	SOLE	1	91,152	0	0
SIMULATIONS PLUS INC	COM	829214105	418	8,472	SH	SOLE	1	8,472	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	398	19,501	SH	SOLE	1	19,501	0	0
SINGULAR GENOMICS SYSTEMS IN	COM	82933R100	100	26,094	SH	SOLE	1	26,094	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,520	247,907	SH	SOLE	1	247,907	0	0
SIRIUSPOINT LTD	COM	G8192H106	268	49,502	SH	SOLE	1	49,502	0	0
SITE CENTERS CORP	COM	82981J109	1,409	104,581	SH	SOLE	1	104,581	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	72	604	SH	SOLE	1	604	0	0
SITIME CORP	COM	82982T106	5,390	33,062	SH	SOLE	1	33,062	0	0
SITIO ROYALTIES CORP	CL A	82982V101	126	5,457	SH	SOLE	1	5,457	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	2,793	128,730	SH	SOLE	1	128,730	0	0
SJW GROUP	COM	784305104	789	12,645	SH	SOLE	1	12,645	0	0
SKECHERS USA INC CL A	CL A	830566105	7,932	222,943	SH	SOLE	1	222,943	0	0
SKILLSOFT CORP	CL A	83066P200	134	37,995	SH	SOLE	1	37,995	0	0
SKILLZ INC	COM	83067L109	177	143,047	SH	SOLE	1	143,047	0	0
SKYLINE CHAMPION CORP	COM	830830105	1,184	24,969	SH	SOLE	1	24,969	0	0
SKYWATER TECHNOLOGY INC	COM	83089J108	30	5,061	SH	SOLE	1	5,061	0	0
SKYWEST INC	COM	830879102	576	27,090	SH	SOLE	1	27,090	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	5,145	55,539	SH	SOLE	1	55,539	0	0
SL GREEN REALTY CORP	COM	78440X887	4,889	105,932	SH	SOLE	1	105,932	0	0
SLEEP NUMBER CORP	COM	83125X103	363	11,744	SH	SOLE	1	11,744	0	0
SLM CORP	COM	78442P106	7,090	444,799	SH	SOLE	1	444,799	0	0
SM ENERGY CO	COM	78454L100	2,246	65,686	SH	SOLE	1	65,686	0	0
SMART GLOBAL HOLDINGS INC	SHS	G8232Y101	433	26,479	SH	SOLE	1	26,479	0	0
SMARTFINANCIAL INC	COM	83190L208	175	7,262	SH	SOLE	1	7,262	0	0
SMARTRENT INC	CL A	83193G107	252	55,699	SH	SOLE	1	55,699	0	0
SMARTSHEET INC CLASS A	COM	83200N103	62	1,958	SH	SOLE	1	1,958	0	0
SMITH (A.O.) CORP	COM	831865209	2,030	37,118	SH	SOLE	1	37,118	0	0
SMITH WESSON BRANDS INC	COM	831754106	279	21,257	SH	SOLE	1	21,257	0	0
SNAP ON INC	COM	833034101	2,929	14,866	SH	SOLE	1	14,866	0	0
SNAP ONE HOLDINGS CORP	COM	83303Y105	77	8,429	SH	SOLE	1	8,429	0	0
SOFI TECHNOLOGIES INC	COM	83406F102	44	8,319	SH	SOLE	1	8,319	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	4,196	15,330	SH	SOLE	1	15,330	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	161	14,781	SH	SOLE	1	14,781	0	0
SOLARWINDS CORP	COM	83417Q204	232	22,602	SH	SOLE	1	22,602	0	0
SOLID POWER INC	COM	83422N105	143	26,570	SH	SOLE	1	26,570	0	0
SOLO BRANDS INC CLASS A	CL A	83425V104	42	10,287	SH	SOLE	1	10,287	0	0
SOMALOGIC INC	COM	83444K105	317	70,044	SH	SOLE	1	70,044	0	0

SONDER HOLDINGS INC	COM	83542D102	21	20,439	SH	SOLE	1	20,439	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	398	10,874	SH	SOLE	1	10,874	0	0
SONOCO PRODUCTS CO	COM	835495102	9,188	161,075	SH	SOLE	1	161,075	0	0
SONOS INC	COM	83570H108	1,248	69,172	SH	SOLE	1	69,172	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	358	177,955	SH	SOLE	1	177,955	0	0
SOTERA HEALTH CO	COM	83601L102	3,214	164,051	SH	SOLE	1	164,051	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	2,271	66,522	SH	SOLE	1	66,522	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	115	4,753	SH	SOLE	1	4,753	0	0
SOUTHERN CO/THE	COM	842587107	20,325	285,017	SH	SOLE	1	285,017	0	0
SOUTHERN COPPER CORP	COM	84265V105	61	1,232	SH	SOLE	1	1,232	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	155	3,547	SH	SOLE	1	3,547	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	169	3,723	SH	SOLE	1	3,723	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	624	16,684	SH	SOLE	1	16,684	0	0
SOUTHSTATE CORP	COM	840441109	2,708	35,100	SH	SOLE	1	35,100	0	0
SOUTHWEST AIRLINES CO	COM	844741108	8,717	241,346	SH	SOLE	1	241,346	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	12,248	140,657	SH	SOLE	1	140,657	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	590	94,365	SH	SOLE	1	94,365	0	0
SOVOS BRANDS INC	COM	84612U107	211	13,327	SH	SOLE	1	13,327	0	0
SP PLUS CORP	COM	78469C103	334	10,865	SH	SOLE	1	10,865	0	0
SPARTANNASH CO	COM	847215100	585	19,388	SH	SOLE	1	19,388	0	0
SPDR PORTFOLIO SP 500 GROWTH	PRTFLO S&P500 GW	78464A409	15,494	296,374	SH	SOLE	1	296,374	0	0
SPDR SP MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	12,157	29,400	SH	SOLE	1	29,400	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	34	417	SH	SOLE	1	417	0	0
SPIRE GLOBAL INC	CL A	848560108	68	58,542	SH	SOLE	1	58,542	0	0
SPIRE INC	COM	84857L101	8,139	109,439	SH	SOLE	1	109,439	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	47	1,602	SH	SOLE	1	1,602	0	0
SPIRIT AIRLINES INC	COM	848577102	1,217	51,036	SH	SOLE	1	51,036	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	8,383	221,898	SH	SOLE	1	221,898	0	0
SPLUNK INC	COM	848637104	1,092	12,344	SH	SOLE	1	12,344	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	195	20,349	SH	SOLE	1	20,349	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	205	2,186	SH	SOLE	1	2,186	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	400	16,250	SH	SOLE	1	16,250	0	0
SPROUT SOCIAL INC CLASS A	CL A	85209W109	1,249	21,510	SH	SOLE	1	21,510	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	5,858	231,340	SH	SOLE	1	231,340	0	0
SPS COMMERCE INC	COM	78463M107	2,220	19,638	SH	SOLE	1	19,638	0	0
SPX CORP	COM	784635104	1,274	24,102	SH	SOLE	1	24,102	0	0
SQUARESPACE INC CLASS A	CL A	85225A107	307	14,667	SH	SOLE	1	14,667	0	0
SQZ BIOTECHNOLOGIES CO	COM	78472W104	8,005	2,517,173	SH	SOLE	2	2,517,173	0	0
SSC TECHNOLOGIES HOLDINGS	COM	78467J100	136	2,335	SH	SOLE	1	2,335	0	0

SSR MINING INC	COM	784730103	37	2,218	SH	SOLE	1	2,218	0	0
ST JOE CO/THE	COM	790148100	734	18,563	SH	SOLE	1	18,563	0	0
STAAR SURGICAL CO	COM	852312305	7,160	100,940	SH	SOLE	1	100,940	0	0
STAG INDUSTRIAL INC	COM	85254J102	2,608	84,458	SH	SOLE	1	84,458	0	0
STAGWELL INC	CL A	85256A109	199	36,557	SH	SOLE	1	36,557	0	0
STANDARD MOTOR PRODS	COM	853666105	496	11,027	SH	SOLE	1	11,027	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	549	6,477	SH	SOLE	1	6,477	0	0
STANLEY BLACK DECKER INC	COM	854502101	4,808	45,848	SH	SOLE	1	45,848	0	0
STARBUCKS CORP	COM	855244109	34,184	447,487	SH	SOLE	1	447,487	0	0
STARRY GROUP HOLDINGS INC A	CL A	85572U102	46	11,132	SH	SOLE	1	11,132	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	64	3,056	SH	SOLE	1	3,056	0	0
STATE STREET CORP	COM	857477103	7,239	117,413	SH	SOLE	1	117,413	0	0
STEEL DYNAMICS INC	COM	858119100	19,591	296,161	SH	SOLE	1	296,161	0	0
STEELCASE INC CL A	CL A	858155203	433	40,337	SH	SOLE	1	40,337	0	0
STEM INC	COM	85859N102	483	67,460	SH	SOLE	1	67,460	0	0
STEPAN CO	COM	858586100	1,172	11,565	SH	SOLE	1	11,565	0	0
STEPSTONE GROUP INC CLASS A	CL A	85914M107	642	24,673	SH	SOLE	1	24,673	0	0
STERICYCLE INC	COM	858912108	6,671	152,143	SH	SOLE	1	152,143	0	0
STERIS PLC	COM	G8473T100	5,819	28,229	SH	SOLE	1	28,229	0	0
STERLING BANCORP INC/MI	COM	85917W102	46	8,013	SH	SOLE	1	8,013	0	0
STERLING CHECK CORP	COM	85917T109	181	11,082	SH	SOLE	1	11,082	0	0
STERLING INFRASTRUCTURE INC	COM	859241101	300	13,708	SH	SOLE	1	13,708	0	0
STEVEN MADDEN LTD	COM	556269108	1,368	42,481	SH	SOLE	1	42,481	0	0
STEWART INFORMATION SERVICES	COM	860372101	724	14,551	SH	SOLE	1	14,551	0	0
STIFEL FINANCIAL CORP	COM	860630102	9,862	176,052	SH	SOLE	1	176,052	0	0
STITCH FIX INC CLASS A	COM	860897107	188	38,044	SH	SOLE	1	38,044	0	0
STOCK YARDS BANCORP INC	COM	861025104	802	13,402	SH	SOLE	1	13,402	0	0
STOKE THERAPEUTICS INC	COM	86150R107	139	10,506	SH	SOLE	1	10,506	0	0
STONECO LTD A	CL A	G85158106	999	129,738	SH	SOLE	1	129,738	0	0
STONEMOR INC	COM	86184W106	44	12,812	SH	SOLE	1	12,812	0	0
STONERIDGE INC	COM	86183P102	211	12,325	SH	SOLE	1	12,325	0	0
STONEX GROUP INC	COM	861896108	728	9,320	SH	SOLE	1	9,320	0	0
STORE CAPITAL CORP	COM	862121100	10,881	417,214	SH	SOLE	1	417,214	0	0
STRATEGIC EDUCATION INC	COM	86272C103	880	12,462	SH	SOLE	1	12,462	0	0
STRATUS PROPERTIES INC	COM	863167201	89	2,760	SH	SOLE	1	2,760	0	0
STRIDE INC	COM	86333M108	775	19,002	SH	SOLE	1	19,002	0	0
STRYKER CORP	COM	863667101	21,398	107,566	SH	SOLE	1	107,566	0	0
STURM RUGER CO INC	COM	864159108	596	9,369	SH	SOLE	1	9,369	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	145	5,209	SH	SOLE	1	5,209	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	414	56,931	SH	SOLE	1	56,931	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	1,293	55,515	SH	SOLE	1	55,515	0	0
SUMO LOGIC INC	COM	86646P103	300	39,999	SH	SOLE	1	39,999	0	0
SUN COMMUNITIES INC	COM	866674104	200	1,255	SH	SOLE	1	1,255	0	0
SUN COUNTRY	COM	866683105	284	15,502	SH	SOLE	1	15,502	0	0

AIRLINES HOLDING										
SUNCOKE ENERGY INC	COM	86722A103	308	45,157	SH	SOLE	1	45,157	0	0
SUNLIGHT FINANCIAL HOLDINGS	COM	86738J106	34	11,376	SH	SOLE	1	11,376	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	857	46,475	SH	SOLE	1	46,475	0	0
SUNOPTA INC	COM	8676EP108	356	45,713	SH	SOLE	1	45,713	0	0
SUNPOWER CORP	COM	867652406	2,772	175,311	SH	SOLE	1	175,311	0	0
SUNRUN INC	COM	86771W105	8,108	347,098	SH	SOLE	1	347,098	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	999	100,656	SH	SOLE	1	100,656	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	858	21,254	SH	SOLE	1	21,254	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	97	5,469	SH	SOLE	1	5,469	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	777	26,877	SH	SOLE	1	26,877	0	0
SURGERY PARTNERS INC	COM	86881A100	537	18,572	SH	SOLE	1	18,572	0	0
SURMODICS INC	COM	868873100	276	7,412	SH	SOLE	1	7,412	0	0
SUTRO BIOPHARMA INC	COM	869367102	107	20,602	SH	SOLE	1	20,602	0	0
SVB FINANCIAL GROUP	COM	78486Q101	6,818	17,260	SH	SOLE	1	17,260	0	0
SWEETGREEN INC CLASS A	CL A	87043Q108	73	6,303	SH	SOLE	1	6,303	0	0
SWITCH INC A	COM	87105L104	65	1,953	SH	SOLE	1	1,953	0	0
SWK HOLDINGS CORP	COM	78501P203	29	1,666	SH	SOLE	1	1,666	0	0
SYLVAMO CORP	COM	871332102	628	19,222	SH	SOLE	1	19,222	0	0
SYNAPTICS INC	COM	87157D109	9,868	83,594	SH	SOLE	1	83,594	0	0
SYNCHRONY FINANCIAL	COM	87165B103	3,949	142,993	SH	SOLE	1	142,993	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	466	24,221	SH	SOLE	1	24,221	0	0
SYNEOS HEALTH INC	COM	87166B102	12,154	169,566	SH	SOLE	1	169,566	0	0
SYNOPSIS INC	COM	871607107	20,068	66,077	SH	SOLE	1	66,077	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	8,656	240,117	SH	SOLE	1	240,117	0	0
SYSCO CORP	COM	871829107	11,577	136,664	SH	SOLE	1	136,664	0	0
T MOBILE US INC	COM	872590104	31,568	234,635	SH	SOLE	1	234,635	0	0
T ROWE PRICE GROUP INC	COM	74144T108	8,898	78,321	SH	SOLE	1	78,321	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	66	9,077	SH	SOLE	1	9,077	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	6,642	54,204	SH	SOLE	1	54,204	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	26	5,319	SH	SOLE	1	5,319	0	0
TALARIS THERAPEUTICS INC	COM	87410C104	47	10,495	SH	SOLE	1	10,495	0	0
TALOS ENERGY INC	COM	87484T108	526	34,007	SH	SOLE	1	34,007	0	0
TANDEM DIABETES CARE INC	COM	875372203	6,273	105,984	SH	SOLE	1	105,984	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	784	55,168	SH	SOLE	1	55,168	0	0
TANGO THERAPEUTICS INC	COM	87583X109	99	21,828	SH	SOLE	1	21,828	0	0
TAPESTRY INC	COM	876030107	2,151	70,493	SH	SOLE	1	70,493	0	0
TARGA RESOURCES CORP	COM	87612G101	22,545	377,823	SH	SOLE	1	377,823	0	0
TARGET CORP	COM	87612E106	20,334	143,976	SH	SOLE	1	143,976	0	0
TARGET HOSPITALITY CORP	COM	87615L107	82	14,298	SH	SOLE	1	14,298	0	0
TARSUS	COM	87650L103	124	8,486	SH	SOLE	1	8,486	0	0

PHARMACEUTICALS INC										
TATTOOED CHEF INC	CL A	87663X102	144	22,915	SH	SOLE	1	22,915	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	5,852	250,499	SH	SOLE	1	250,499	0	0
TD SYNnex CORP	COM	87162W100	6,221	68,290	SH	SOLE	1	68,290	0	0
TE CONNECTIVITY LTD	COM	H84989104	10,480	92,618	SH	SOLE	1	92,618	0	0
TECHTARGET	COM	87874R100	972	14,793	SH	SOLE	1	14,793	0	0
TEEKAY CORP	COM	Y8564W103	94	32,667	SH	SOLE	1	32,667	0	0
TEEKAY TANKERS LTD CLASS A	CL A	Y8565N300	189	10,701	SH	SOLE	1	10,701	0	0
TEGNA INC	COM	87901J105	9,805	467,586	SH	SOLE	1	467,586	0	0
TEJON RANCH CO	COM	879080109	151	9,729	SH	SOLE	1	9,729	0	0
TELADOC HEALTH INC	COM	87918A105	58	1,760	SH	SOLE	1	1,760	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	4,896	13,051	SH	SOLE	1	13,051	0	0
TELEFLEX INC	COM	879369106	3,214	13,072	SH	SOLE	1	13,072	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	860	54,479	SH	SOLE	1	54,479	0	0
TELLURIAN INC	COM	87968A104	712	238,835	SH	SOLE	1	238,835	0	0
TELOS CORPORATION	COM	87969B101	204	25,214	SH	SOLE	1	25,214	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	6,197	289,988	SH	SOLE	1	289,988	0	0
TENABLE HOLDINGS INC	COM	88025T102	2,337	51,456	SH	SOLE	1	51,456	0	0
TENAYA THERAPEUTICS INC	COM	87990A106	74	13,080	SH	SOLE	1	13,080	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	45	8,901	SH	SOLE	1	8,901	0	0
TENET HEALTHCARE CORP	COM	88033G407	9,354	177,964	SH	SOLE	1	177,964	0	0
TENNANT CO	COM	880345103	595	10,044	SH	SOLE	1	10,044	0	0
TENNECO INC CLASS A	COM	880349105	663	38,632	SH	SOLE	1	38,632	0	0
TENON MEDICAL INC	COM	88066N105	3	1,510	SH	SOLE	1	1,510	0	0
TERADATA CORP	COM	88076W103	6,413	173,270	SH	SOLE	1	173,270	0	0
TERADYNE INC	COM	880770102	4,228	47,211	SH	SOLE	1	47,211	0	0
TERAWULF INC	COM	88080T104	12	10,005	SH	SOLE	1	10,005	0	0
TEREX CORP	COM	880779103	3,987	145,678	SH	SOLE	1	145,678	0	0
TERMINIX GLOBAL HOLDINGS INC	COM	88087E100	52	1,272	SH	SOLE	1	1,272	0	0
TERRAN ORBITAL CORP	COM	88105P103	51	11,209	SH	SOLE	1	11,209	0	0
TERRENO REALTY CORP	COM	88146M101	1,939	34,796	SH	SOLE	1	34,796	0	0
TESLA INC	COM	88160R101	183,686	272,766	SH	SOLE	1	272,766	0	0
TETRA TECH INC	COM	88162G103	12,126	88,803	SH	SOLE	1	88,803	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	237	58,264	SH	SOLE	1	58,264	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,225	162,907	SH	SOLE	1	162,907	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	5,637	107,078	SH	SOLE	1	107,078	0	0
TEXAS INSTRUMENTS INC	COM	882508104	55,330	360,106	SH	SOLE	1	360,106	0	0
TEXAS PACIFIC LAND CORP	COM	88262P102	132	89	SH	SOLE	1	89	0	0
TEXAS ROADHOUSE INC	COM	882681109	10,535	143,919	SH	SOLE	1	143,919	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	596	21,735	SH	SOLE	1	21,735	0	0
TEXTRON INC	COM	883203101	3,661	59,944	SH	SOLE	1	59,944	0	0
TFS FINANCIAL CORP	COM	87240R107	7	524	SH	SOLE	1	524	0	0
TG THERAPEUTICS INC	COM	88322Q108	265	62,345	SH	SOLE	1	62,345	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	273	30,136	SH	SOLE	1	30,136	0	0

THERMO FISHER SCIENTIFIC INC	COM	883556102	68,771	126,584	SH	SOLE	1	126,584	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	218	15,504	SH	SOLE	1	15,504	0	0
THESEUS PHARMACEUTICALS INC	COM	88369M101	44	7,952	SH	SOLE	1	7,952	0	0
THIRD COAST BANCSHARES INC	COM	88422P109	131	5,980	SH	SOLE	1	5,980	0	0
THOR INDUSTRIES INC	COM	885160101	6,793	90,898	SH	SOLE	1	90,898	0	0
THORNE HEALTHTECH INC	COM	885260109	31	6,436	SH	SOLE	1	6,436	0	0
THOUGHTWORKS HOLDING INC	COM	88546E105	19	1,329	SH	SOLE	1	1,329	0	0
THREDUP INC CLASS A	CL A	88556E102	69	27,477	SH	SOLE	1	27,477	0	0
THRYV HOLDINGS INC	COM	886029206	295	13,157	SH	SOLE	1	13,157	0	0
TIDEWATER INC	COM	88642R109	376	17,840	SH	SOLE	1	17,840	0	0
TIDEWATER INC NEW	COM	88642R109	49,376	2,341,223	SH	SOLE	2	2,341,223	0	0
TILE SHOP HLDGS INC	COM	88677Q109	52	17,032	SH	SOLE	1	17,032	0	0
TILLY S INC CLASS A SHRS	COM	886885102	76	10,785	SH	SOLE	1	10,785	0	0
TIMKEN CO	COM	887389104	5,910	111,402	SH	SOLE	1	111,402	0	0
TIMKENSTEEL CORP	COM	887399103	464	24,775	SH	SOLE	1	24,775	0	0
TIPTREE INC	COM	88822Q103	118	11,144	SH	SOLE	1	11,144	0	0
TITAN INTERNATIONAL INC	COM	88830M102	419	27,740	SH	SOLE	1	27,740	0	0
TITAN MACHINERY INC	COM	88830R101	212	9,475	SH	SOLE	1	9,475	0	0
TJX COMPANIES INC	COM	872540109	20,065	359,262	SH	SOLE	1	359,262	0	0
TOAST INC CLASS A	CL A	888787108	46	3,530	SH	SOLE	1	3,530	0	0
TOLL BROTHERS INC	COM	889478103	8,138	182,462	SH	SOLE	1	182,462	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	537	7,445	SH	SOLE	1	7,445	0	0
TOOTSIE ROLL INDS	COM	890516107	298	8,436	SH	SOLE	1	8,436	0	0
TOPBUILD CORP	COM	89055F103	9,076	54,296	SH	SOLE	1	54,296	0	0
TORO CO	COM	891092108	13,131	173,252	SH	SOLE	1	173,252	0	0
TORRID HOLDINGS INC	COM	89142B107	30	6,964	SH	SOLE	1	6,964	0	0
TOWNE BANK	COM	89214P109	856	31,525	SH	SOLE	1	31,525	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	291	32,269	SH	SOLE	1	32,269	0	0
TPI COMPOSITES INC	COM	87266J104	214	17,123	SH	SOLE	1	17,123	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	6,402	33,026	SH	SOLE	1	33,026	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	287	6,853	SH	SOLE	1	6,853	0	0
TRADEWEB MARKETS INC CLASS A	CL A	892672106	101	1,478	SH	SOLE	1	1,478	0	0
TRAEGER INC	COM	89269P103	64	14,989	SH	SOLE	1	14,989	0	0
TRANE TECHNOLOGIES PLC	PLC SHS	G8994E103	9,161	70,539	SH	SOLE	1	70,539	0	0
TRANSCAT INC	COM	893529107	189	3,333	SH	SOLE	1	3,333	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	23	588	SH	SOLE	1	588	0	0
TRANSDIGM GROUP INC	COM	893641100	7,956	14,824	SH	SOLE	1	14,824	0	0
TRANSMEDICS GROUP INC	COM	89377M109	396	12,581	SH	SOLE	1	12,581	0	0
TRANSPHORM INC	COM	89386L100	38	10,037	SH	SOLE	1	10,037	0	0
TRANSUNION	COM	89400J107	219	2,741	SH	SOLE	1	2,741	0	0
TRAVEL LEISURE CO	COM	894164102	5,490	141,417	SH	SOLE	1	141,417	0	0
TRAVELCENTERS OF AMERICA INC	COM	89421B109	204	5,909	SH	SOLE	1	5,909	0	0
TRAVELERS COS INC/THE	COM	89417E109	14,169	83,778	SH	SOLE	1	83,778	0	0

TRAVERE THERAPEUTICS INC	COM	89422G107	691	28,505	SH	SOLE	1	28,505	0	0
TREACE MEDICAL CONCEPTS INC	COM	89455T109	224	15,610	SH	SOLE	1	15,610	0	0
TREAN INSURANCE GROUP INC	COM	89457R101	66	10,578	SH	SOLE	1	10,578	0	0
TREDEGAR CORP	COM	894650100	146	14,622	SH	SOLE	1	14,622	0	0
TREEHOUSE FOODS INC	COM	89469A104	1,168	27,939	SH	SOLE	1	27,939	0	0
TREX COMPANY INC	COM	89531P105	10,211	187,626	SH	SOLE	1	187,626	0	0
TRI POINTE HOMES INC	COM	87265H109	940	55,691	SH	SOLE	1	55,691	0	0
TRICIDA INC	COM	89610F101	151	15,584	SH	SOLE	1	15,584	0	0
TRICO BANCSHARES	COM	896095106	676	14,817	SH	SOLE	1	14,817	0	0
TRIMAS CORP	COM	896215209	549	19,836	SH	SOLE	1	19,836	0	0
TRIMBLE INC	COM	896239100	4,152	71,301	SH	SOLE	1	71,301	0	0
TRINET GROUP INC	COM	896288107	1,361	17,528	SH	SOLE	1	17,528	0	0
TRINITY INDUSTRIES INC	COM	896522109	1,072	44,247	SH	SOLE	1	44,247	0	0
TRINSEO PLC	COM	G9059U107	754	19,593	SH	SOLE	1	19,593	0	0
TRIP.COM GROUP LTD ADR	ADS	89677Q107	179	6,529	SH	SOLE	1	6,529	0	0
TRIPADVISOR INC	COM	896945201	2,948	165,591	SH	SOLE	1	165,591	0	0
TRITON INTERNATIONAL LTD	COM	G9078F107	1,568	29,787	SH	SOLE	1	29,787	0	0
TRIUMPH BANCORP INC	COM	89679E300	812	12,983	SH	SOLE	1	12,983	0	0
TRIUMPH GROUP INC	COM	896818101	462	34,750	SH	SOLE	1	34,750	0	0
TRONOX HOLDINGS PLC A	COM	G9087Q102	920	54,763	SH	SOLE	1	54,763	0	0
TRUEBLUE INC	COM	89785X101	318	17,785	SH	SOLE	1	17,785	0	0
TRUECAR INC	COM	89785L107	112	43,429	SH	SOLE	1	43,429	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	21,345	450,027	SH	SOLE	1	450,027	0	0
TRUPANION INC	COM	898202106	1,254	20,806	SH	SOLE	1	20,806	0	0
TRUSTCO BANK CORP NY	COM	898349204	314	10,194	SH	SOLE	1	10,194	0	0
TRUSTMARK CORP	COM	898402102	969	33,209	SH	SOLE	1	33,209	0	0
TTEC HOLDINGS INC	COM	89854H102	691	10,177	SH	SOLE	1	10,177	0	0
TTM TECHNOLOGIES	COM	87305R109	686	54,887	SH	SOLE	1	54,887	0	0
TUCOWS INC CLASS A	COM	898697206	206	4,637	SH	SOLE	1	4,637	0	0
TUPPERWARE BRANDS CORP	COM	899896104	156	24,675	SH	SOLE	1	24,675	0	0
TURNING POINT BRANDS INC	COM	90041L105	194	7,154	SH	SOLE	1	7,154	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	1,612	21,424	SH	SOLE	1	21,424	0	0
TURTLE BEACH CORP	COM	900450206	89	7,249	SH	SOLE	1	7,249	0	0
TUSIMPLE HOLDINGS INC A	CL A	90089L108	474	65,494	SH	SOLE	1	65,494	0	0
TUTOR PERINI CORP	COM	901109108	173	19,688	SH	SOLE	1	19,688	0	0
TWILIO INC A	CL A	90138F102	178	2,129	SH	SOLE	1	2,129	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	918	26,272	SH	SOLE	1	26,272	0	0
TWITTER INC	COM	90184L102	11,323	302,836	SH	SOLE	1	302,836	0	0
TWO HARBORS INVESTMENT CORP	COM	90187B408	932	187,106	SH	SOLE	1	187,106	0	0
TYLER TECHNOLOGIES INC	COM	902252105	4,355	13,100	SH	SOLE	1	13,100	0	0
TYRA BIOSCIENCES INC	COM	90240B106	44	6,142	SH	SOLE	1	6,142	0	0
TYSON FOODS INC CL A	CL A	902494103	6,987	81,186	SH	SOLE	1	81,186	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	762	6,974	SH	SOLE	1	6,974	0	0
UBIQUITI INC	COM	90353W103	18	71	SH	SOLE	1	71	0	0
UDEMY INC	COM	902685106	345	33,775	SH	SOLE	1	33,775	0	0

UDR INC	COM	902653104	3,935	85,472	SH	SOLE	1	85,472	0	0
UFP INDUSTRIES INC	COM	90278Q108	2,257	33,123	SH	SOLE	1	33,123	0	0
UFP TECHNOLOGIES INC	COM	902673102	254	3,198	SH	SOLE	1	3,198	0	0
UGI CORP	COM	902681105	13,396	346,944	SH	SOLE	1	346,944	0	0
UIPATH INC CLASS A	CL A	90364P105	74	4,081	SH	SOLE	1	4,081	0	0
ULTA BEAUTY INC	COM	90384S303	6,266	16,256	SH	SOLE	1	16,256	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	728	24,466	SH	SOLE	1	24,466	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	58	966	SH	SOLE	1	966	0	0
UMB FINANCIAL CORP	COM	902788108	7,864	91,337	SH	SOLE	1	91,337	0	0
UMH PROPERTIES INC	COM	903002103	409	23,181	SH	SOLE	1	23,181	0	0
UMPQUA HOLDINGS CORP	COM	904214103	6,014	358,592	SH	SOLE	1	358,592	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	2,597	311,715	SH	SOLE	1	311,715	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	2,540	335,095	SH	SOLE	1	335,095	0	0
UNIFI INC	COM	904677200	106	7,545	SH	SOLE	1	7,545	0	0
UNIFIRST CORP/MA	COM	904708104	1,399	8,128	SH	SOLE	1	8,128	0	0
UNION PACIFIC CORP	COM	907818108	36,553	171,383	SH	SOLE	1	171,383	0	0
UNIQUIRE NV	COM	N90064101	50	2,683	SH	SOLE	1	2,683	0	0
UNISYS CORP	COM	909214306	433	35,987	SH	SOLE	1	35,987	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	3,225	91,057	SH	SOLE	1	91,057	0	0
UNITED BANKSHARES INC	COM	909907107	9,989	284,834	SH	SOLE	1	284,834	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,736	57,508	SH	SOLE	1	57,508	0	0
UNITED FIRE GROUP INC	COM	910340108	397	11,589	SH	SOLE	1	11,589	0	0
UNITED NATURAL FOODS INC	COM	911163103	1,241	31,502	SH	SOLE	1	31,502	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	36,615	200,588	SH	SOLE	1	200,588	0	0
UNITED RENTALS INC	COM	911363109	5,007	20,612	SH	SOLE	1	20,612	0	0
UNITED STATES LIME MINERAL	COM	911922102	100	950	SH	SOLE	1	950	0	0
UNITED STATES STEEL CORP	COM	912909108	7,712	430,595	SH	SOLE	1	430,595	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	17,635	74,838	SH	SOLE	1	74,838	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	131,555	256,127	SH	SOLE	1	256,127	0	0
UNITI GROUP INC	COM	91325V108	1,211	128,574	SH	SOLE	1	128,574	0	0
UNITIL CORP	COM	913259107	506	8,620	SH	SOLE	1	8,620	0	0
UNITY BANCORP INC	COM	913290102	87	3,296	SH	SOLE	1	3,296	0	0
UNITY SOFTWARE INC	COM	91332U101	107	2,902	SH	SOLE	1	2,902	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	6,953	279,586	SH	SOLE	1	279,586	0	0
UNIVERSAL CORP/VA	COM	913456109	794	13,128	SH	SOLE	1	13,128	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	7,281	71,990	SH	SOLE	1	71,990	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	169	6,600	SH	SOLE	1	6,600	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	369	6,943	SH	SOLE	1	6,943	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	1,882	18,686	SH	SOLE	1	18,686	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	186	14,300	SH	SOLE	1	14,300	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	93	3,409	SH	SOLE	1	3,409	0	0
UNIVERSAL TECHNICAL	COM	913915104	108	15,164	SH	SOLE	1	15,164	0	0

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UNIVEST FINANCIAL CORP	COM	915271100	347	13,655	SH	SOLE	1	13,655	0	0
UNUM GROUP	COM	91529Y106	11,303	332,240	SH	SOLE	1	332,240	0	0
UPLAND SOFTWARE INC	COM	91544A109	198	13,635	SH	SOLE	1	13,635	0	0
UPSTART HOLDINGS INC	COM	91680M107	27	840	SH	SOLE	1	840	0	0
UPWORK INC	COM	91688F104	1,161	56,121	SH	SOLE	1	56,121	0	0
UR ENERGY INC	COM	91688R108	104	98,020	SH	SOLE	1	98,020	0	0
URANIUM ENERGY CORP	COM	916896103	403	130,815	SH	SOLE	1	130,815	0	0
URBAN EDGE PROPERTIES	COM	91704F104	938	61,702	SH	SOLE	1	61,702	0	0
URBAN ONE INC	CL A	91705J105	21	3,875	SH	SOLE	1	3,875	0	0
URBAN ONE INC	CL D NON VTG	91705J204	24	5,618	SH	SOLE	1	5,618	0	0
URBAN OUTFITTERS INC	COM	917047102	664	35,588	SH	SOLE	1	35,588	0	0
URSTADT BIDDLE CLASS A	COM	917286205	261	16,141	SH	SOLE	1	16,141	0	0
US BANCORP	COM	902973304	21,738	472,355	SH	SOLE	1	472,355	0	0
US CELLULAR CORP	COM	911684108	202	6,987	SH	SOLE	1	6,987	0	0
US FOODS HOLDING CORP	COM	912008109	71	2,329	SH	SOLE	1	2,329	0	0
US SILICA HOLDINGS INC	COM	90346E103	460	40,256	SH	SOLE	1	40,256	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	442	6,107	SH	SOLE	1	6,107	0	0
USCB FINANCIAL HOLDINGS INC	CL A	90355N101	58	5,046	SH	SOLE	1	5,046	0	0
USERTESTING INC	COM	91734E101	111	22,144	SH	SOLE	1	22,144	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	138	1,612	SH	SOLE	1	1,612	0	0
UTZ BRANDS INC	CL A	918090101	425	30,761	SH	SOLE	1	30,761	0	0
UWM HOLDINGS CORP	CL A	91823B109	5	1,403	SH	SOLE	1	1,403	0	0
V2X INC	COM	92242T101	180	5,389	SH	SOLE	1	5,389	0	0
VAALCO ENERGY INC	COM	91851C201	190	27,360	SH	SOLE	1	27,360	0	0
VACASA INC CL A	CL A	91854V107	55	19,150	SH	SOLE	1	19,150	0	0
VAIL RESORTS INC	COM	91879Q109	135	617	SH	SOLE	1	617	0	0
VALARIS LTD	CL A	G9460G101	1,205	28,518	SH	SOLE	1	28,518	0	0
VALERO ENERGY CORP	COM	91913Y100	13,643	128,371	SH	SOLE	1	128,371	0	0
VALHI INC	COM	918905209	51	1,127	SH	SOLE	1	1,127	0	0
VALLEY NATIONAL BANCORP	COM	919794107	9,281	891,583	SH	SOLE	1	891,583	0	0
VALMONT INDUSTRIES	COM	920253101	7,912	35,222	SH	SOLE	1	35,222	0	0
VALUE LINE INC	COM	920437100	29	432	SH	SOLE	1	432	0	0
VALVOLINE INC	COM	92047W101	8,515	295,350	SH	SOLE	1	295,350	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	329	30,148	SH	SOLE	1	30,148	0	0
VAREX IMAGING CORP	COM	92214X106	449	21,014	SH	SOLE	1	21,014	0	0
VARONIS SYSTEMS INC	COM	922280102	1,495	50,998	SH	SOLE	1	50,998	0	0
VAXART INC	COM	92243A200	203	57,961	SH	SOLE	1	57,961	0	0
VAXCYTE INC	COM	92243G108	537	24,672	SH	SOLE	1	24,672	0	0
VBI VACCINES INC	COM	91822J103	73	90,242	SH	SOLE	1	90,242	0	0
VECTOR GROUP LTD	COM	92240M108	809	77,009	SH	SOLE	1	77,009	0	0
VEECO INSTRUMENTS INC	COM	922417100	526	27,137	SH	SOLE	1	27,137	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	431	2,176	SH	SOLE	1	2,176	0	0
VELO3D INC	COM	92259N104	36	26,389	SH	SOLE	1	26,389	0	0
VELOCITY FINANCIAL	COM	92262D101	44	4,029	SH	SOLE	1	4,029	0	0

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VELOCITYNE LIDAR INC	COM	92259F101	86	90,379	SH	SOLE	1	90,379	0	0
VENTAS INC	COM	92276F100	5,729	111,395	SH	SOLE	1	111,395	0	0
VENTYX BIOSCIENCES INC	COM	92332V107	128	10,490	SH	SOLE	1	10,490	0	0
VERA THERAPEUTICS INC	CL A	92337R101	88	6,488	SH	SOLE	1	6,488	0	0
VERACYTE INC	COM	92337F107	667	33,539	SH	SOLE	1	33,539	0	0
VERICEL CORP	COM	92346J108	644	25,562	SH	SOLE	1	25,562	0	0
VERINT SYSTEMS INC	COM	92343X100	1,261	29,784	SH	SOLE	1	29,784	0	0
VERIS RESIDENTIAL INC	COM	554489104	612	46,230	SH	SOLE	1	46,230	0	0
VERISIGN INC	COM	92343E102	6,416	38,341	SH	SOLE	1	38,341	0	0
VERISK ANALYTICS INC	COM	92345Y106	11,815	68,258	SH	SOLE	1	68,258	0	0
VERITEX HOLDINGS INC	COM	923451108	836	28,562	SH	SOLE	1	28,562	0	0
VERITIV CORP	COM	923454102	852	7,849	SH	SOLE	1	7,849	0	0
VERITONE INC	COM	92347M100	96	14,641	SH	SOLE	1	14,641	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	69,402	1,367,533	SH	SOLE	1	1,367,533	0	0
VERRA MOBILITY CORP	COM	92511U102	1,075	68,404	SH	SOLE	1	68,404	0	0
VERTEX ENERGY INC	COM	92534K107	266	25,313	SH	SOLE	1	25,313	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	28,133	99,835	SH	SOLE	1	99,835	0	0
VERTIV HOLDINGS CO	CL A	92537N108	28	3,423	SH	SOLE	1	3,423	0	0
VERU INC	COM	92536C103	344	30,416	SH	SOLE	1	30,416	0	0
VERVE THERAPEUTICS INC	COM	92539P101	264	17,288	SH	SOLE	1	17,288	0	0
VF CORP	COM	918204108	4,963	112,368	SH	SOLE	1	112,368	0	0
VIA RENEWABLES INC	CL A	92556D106	44	5,684	SH	SOLE	1	5,684	0	0
VIAD CORP	COM	92552R406	305	11,031	SH	SOLE	1	11,031	0	0
VIAANT TECHNOLOGY INC A	CL A	92557A101	33	6,554	SH	SOLE	1	6,554	0	0
VIASAT INC	COM	92552V100	3,766	122,946	SH	SOLE	1	122,946	0	0
VIATRIS INC	COM	92556V106	3,538	337,882	SH	SOLE	1	337,882	0	0
VIAVI SOLUTIONS INC	COM	925550105	1,632	123,340	SH	SOLE	1	123,340	0	0
VICARIOUS SURGICAL INC	CL A	92561V109	75	25,533	SH	SOLE	1	25,533	0	0
VICI PROPERTIES INC	COM	925652109	7,995	268,388	SH	SOLE	1	268,388	0	0
VICOR CORP	COM	925815102	2,503	45,733	SH	SOLE	1	45,733	0	0
VICTORIA S SECRET CO	COM	926400102	3,151	112,673	SH	SOLE	1	112,673	0	0
VICTORY CAPITAL HOLDING A	CL A	92645B103	186	7,723	SH	SOLE	1	7,723	0	0
VIEW INC	CL A	92671V106	85	52,338	SH	SOLE	1	52,338	0	0
VIEWRAY INC	COM	92672L107	184	69,297	SH	SOLE	1	69,297	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	90	3,963	SH	SOLE	1	3,963	0	0
VIMEO INC	COM	92719V100	403	67,012	SH	SOLE	1	67,012	0	0
VINCO VENTURES INC	COM	927330100	119	85,909	SH	SOLE	1	85,909	0	0
VINTAGE WINE ESTATES INC	COM	92747V106	119	15,158	SH	SOLE	1	15,158	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	60	6,113	SH	SOLE	1	6,113	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	1,004	39,408	SH	SOLE	1	39,408	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	643	106,841	SH	SOLE	1	106,841	0	0
VIRIDIAN THERAPEUTICS INC	COM	92790C104	140	12,078	SH	SOLE	1	12,078	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	24	1,042	SH	SOLE	1	1,042	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	660	3,858	SH	SOLE	1	3,858	0	0

VISA INC CLASS A SHARES	COM	92826C839	100,637	511,131	SH	SOLE	1	511,131	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	4,963	278,491	SH	SOLE	1	278,491	0	0
VISHAY PRECISION GROUP	COM	92835K103	169	5,814	SH	SOLE	1	5,814	0	0
VISTA OUTDOOR INC	COM	928377100	845	30,293	SH	SOLE	1	30,293	0	0
VISTAGEN THERAPEUTICS INC	COM	92840H202	80	91,146	SH	SOLE	1	91,146	0	0
VISTEON CORP	COM	92839U206	6,129	59,173	SH	SOLE	1	59,173	0	0
VISTRA CORP	COM	92840M102	131	5,728	SH	SOLE	1	5,728	0	0
VITA COCO CO INC/THE	COM	92846Q107	128	13,049	SH	SOLE	1	13,049	0	0
VITAL FARMS INC	COM	92847W103	122	13,981	SH	SOLE	1	13,981	0	0
VIVID SEATS INC CLASS A	CL A	92854T100	86	11,579	SH	SOLE	1	11,579	0	0
VIVINT SMART HOME INC	CL A	928542109	155	44,430	SH	SOLE	1	44,430	0	0
VIZIO HOLDING CORP A	CL A	92858V101	217	31,760	SH	SOLE	1	31,760	0	0
VOLTA INC	CL A	92873V102	74	57,195	SH	SOLE	1	57,195	0	0
VONAGE HOLDINGS CORP	COM	92886T201	2,617	138,917	SH	SOLE	1	138,917	0	0
VONTIER CORP	COM	928881101	6,128	266,530	SH	SOLE	1	266,530	0	0
VORNADO REALTY TRUST	COM	929042109	1,273	44,537	SH	SOLE	1	44,537	0	0
VOYA FINANCIAL INC	COM	929089100	10,049	168,807	SH	SOLE	1	168,807	0	0
VSE CORP	COM	918284100	187	4,963	SH	SOLE	1	4,963	0	0
VULCAN MATERIALS CO	COM	929160109	5,413	38,090	SH	SOLE	1	38,090	0	0
VUZIX CORP	COM	92921W300	197	27,759	SH	SOLE	1	27,759	0	0
WT OFFSHORE INC	COM	92922P106	191	44,254	SH	SOLE	1	44,254	0	0
WABASH NATIONAL CORP	COM	929566107	358	26,379	SH	SOLE	1	26,379	0	0
WABTEC CORP	COM	929740108	4,233	51,569	SH	SOLE	1	51,569	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	9,289	245,088	SH	SOLE	1	245,088	0	0
WALKER DUNLOP INC	COM	93148P102	1,601	16,616	SH	SOLE	1	16,616	0	0
WALMART INC	COM	931142103	45,786	376,595	SH	SOLE	1	376,595	0	0
WALT DISNEY CO/THE	COM	254687106	51,428	544,783	SH	SOLE	1	544,783	0	0
WARBY PARKER INC CLASS A	CL A	93403J106	440	39,069	SH	SOLE	1	39,069	0	0
WARNER BROS DISCOVERY INC	COM	934423104	8,401	626,012	SH	SOLE	1	626,012	0	0
WARRIOR MET COAL INC	COM	93627C101	854	27,914	SH	SOLE	1	27,914	0	0
WASHINGTON FEDERAL INC	COM	938824109	4,129	137,555	SH	SOLE	1	137,555	0	0
WASHINGTON REIT	COM	939653101	1,009	47,370	SH	SOLE	1	47,370	0	0
WASHINGTON TRUST BANCORP	COM	940610108	391	8,086	SH	SOLE	1	8,086	0	0
WASTE MANAGEMENT INC	COM	94106L109	19,541	127,733	SH	SOLE	1	127,733	0	0
WATERS CORP	COM	941848103	5,915	17,872	SH	SOLE	1	17,872	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	161	9,421	SH	SOLE	1	9,421	0	0
WATSCO INC	COM	942622200	13,107	54,882	SH	SOLE	1	54,882	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	7,105	57,839	SH	SOLE	1	57,839	0	0
WAYFAIR INC CLASS A	COM	94419L101	46	1,058	SH	SOLE	1	1,058	0	0
WD 40 CO	COM	929236107	1,490	7,401	SH	SOLE	1	7,401	0	0
WEATHERFORD INTERNATIONAL PL	ORD SHS	G48833118	700	33,086	SH	SOLE	1	33,086	0	0
WEAVE COMMUNICATIONS INC	COM	94724R108	7	2,359	SH	SOLE	1	2,359	0	0

WEBER INC CLASS A	CL A	94770D102	91	12,652	SH	SOLE	1	12,652	0	0
WEBSTER FINANCIAL CORP	COM	947890109	12,403	294,257	SH	SOLE	1	294,257	0	0
WEC ENERGY GROUP INC	COM	92939U106	13,009	129,266	SH	SOLE	1	129,266	0	0
WEIBO CORP SPON ADR	ADR	948596101	16	688	SH	SOLE	1	688	0	0
WEIS MARKETS INC	COM	948849104	573	7,693	SH	SOLE	1	7,693	0	0
WEJO GROUP LTD	LTD ORD SHS	G9525W109	13	10,734	SH	SOLE	1	10,734	0	0
WELBILT INC	COM	949090104	1,466	61,560	SH	SOLE	1	61,560	0	0
WELLS FARGO CO	COM	949746101	39,826	1,016,744	SH	SOLE	1	1,016,744	0	0
WELLTOWER INC	COM	95040Q104	10,420	126,531	SH	SOLE	1	126,531	0	0
WENDY S CO/THE	COM	95058W100	5,364	284,084	SH	SOLE	1	284,084	0	0
WERNER ENTERPRISES INC	COM	950755108	4,919	127,623	SH	SOLE	1	127,623	0	0
WESBANCO INC	COM	950810101	867	27,328	SH	SOLE	1	27,328	0	0
WESCO INTERNATIONAL INC	COM	95082P105	63	588	SH	SOLE	1	588	0	0
WEST BANCORPORATION	COM	95123P106	185	7,583	SH	SOLE	1	7,583	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	6,611	21,865	SH	SOLE	1	21,865	0	0
WESTAMERICA BANCORPORATION	COM	957090103	789	14,177	SH	SOLE	1	14,177	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	102	1,439	SH	SOLE	1	1,439	0	0
WESTERN DIGITAL CORP	COM	958102105	6,047	134,884	SH	SOLE	1	134,884	0	0
WESTERN UNION CO	COM	959802109	10,515	638,456	SH	SOLE	1	638,456	0	0
WESTLAKE CORP	COM	960413102	34	345	SH	SOLE	1	345	0	0
WESTROCK CO	COM	96145D105	3,257	81,740	SH	SOLE	1	81,740	0	0
WEWORK INC CL A	CL A	96209A104	7	1,360	SH	SOLE	1	1,360	0	0
WEX INC	COM	96208T104	11,589	74,499	SH	SOLE	1	74,499	0	0
WEYCO GROUP INC	COM	962149100	68	2,762	SH	SOLE	1	2,762	0	0
WEYERHAEUSER CO	COM	962166104	6,990	211,045	SH	SOLE	1	211,045	0	0
WHEELS UP EXPERIENCE INC	CL A	96328L106	145	74,502	SH	SOLE	1	74,502	0	0
WHIRLPOOL CORP	COM	963320106	2,424	15,651	SH	SOLE	1	15,651	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	37	30	SH	SOLE	1	30	0	0
WHITESTONE REIT	COM	966084204	272	25,300	SH	SOLE	1	25,300	0	0
WHITING PETROLEUM CORP	COM	966387508	1,253	18,418	SH	SOLE	1	18,418	0	0
WHOLE EARTH BRANDS INC	CL A	96684W100	118	19,029	SH	SOLE	1	19,029	0	0
WIDOPENWEST INC	COM	96758W101	457	25,090	SH	SOLE	1	25,090	0	0
WILEY (JOHN) SONS CLASS A	COM	968223206	4,363	91,363	SH	SOLE	1	91,363	0	0
WILLDAN GROUP INC	COM	96924N100	150	5,435	SH	SOLE	1	5,435	0	0
WILLIAMS COS INC	COM	969457100	13,039	417,796	SH	SOLE	1	417,796	0	0
WILLIAMS SONOMA INC	COM	969904101	12,868	115,983	SH	SOLE	1	115,983	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	6,845	34,680	SH	SOLE	1	34,680	0	0
WILLSCOT MOBILE MINI HOLDING	COM CL A	971378104	93	2,861	SH	SOLE	1	2,861	0	0
WINGSTOP INC	COM	974155103	4,717	63,082	SH	SOLE	1	63,082	0	0
WINMARK CORP	COM	974250102	261	1,334	SH	SOLE	1	1,334	0	0
WINNEBAGO INDUSTRIES	COM	974637100	846	17,414	SH	SOLE	1	17,414	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	7,981	99,571	SH	SOLE	1	99,571	0	0
WISDOMTREE	COM	97717P104	364	71,873	SH	SOLE	1	71,873	0	0

INVESTMENTS INC										
WIX.COM LTD	COM	M98068105	663	10,110	SH	SOLE	1	10,110	0	0
WM TECHNOLOGY INC	COM	92971A109	111	33,592	SH	SOLE	1	33,592	0	0
WOLFSPEED INC	COM	977852102	12,955	204,184	SH	SOLE	1	204,184	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	875	43,410	SH	SOLE	1	43,410	0	0
WOODWARD INC	COM	980745103	9,266	100,179	SH	SOLE	1	100,179	0	0
WORKDAY INC CLASS A	COM	98138H101	1,697	12,158	SH	SOLE	1	12,158	0	0
WORKHORSE GROUP INC	COM	98138J206	179	68,655	SH	SOLE	1	68,655	0	0
WORKIVA INC	COM	98139A105	1,473	22,318	SH	SOLE	1	22,318	0	0
WORLD ACCEPTANCE CORP	COM	981419104	244	2,172	SH	SOLE	1	2,172	0	0
WORLD FUEL SERVICES CORP	COM	981475106	693	33,860	SH	SOLE	1	33,860	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	4,479	71,671	SH	SOLE	1	71,671	0	0
WORTHINGTON INDUSTRIES	COM	981811102	2,980	67,566	SH	SOLE	1	67,566	0	0
WP CAREY INC	COM	92936U109	164	1,978	SH	SOLE	1	1,978	0	0
WR BERKLEY CORP	COM	084423102	3,983	58,352	SH	SOLE	1	58,352	0	0
WSFS FINANCIAL CORP	COM	929328102	1,400	34,927	SH	SOLE	1	34,927	0	0
WW GRAINGER INC	COM	384802104	5,556	12,227	SH	SOLE	1	12,227	0	0
WW INTERNATIONAL INC	COM	98262P101	187	29,329	SH	SOLE	1	29,329	0	0
WYNDHAM HOTELS RESORTS INC	COM	98311A105	10,021	152,474	SH	SOLE	1	152,474	0	0
WYNN RESORTS LTD	COM	983134107	1,680	29,489	SH	SOLE	1	29,489	0	0
XCEL ENERGY INC	COM	98389B100	13,097	185,087	SH	SOLE	1	185,087	0	0
XENCOR INC	COM	98401F105	856	31,260	SH	SOLE	1	31,260	0	0
XENIA HOTELS RESORTS INC	COM	984017103	901	61,980	SH	SOLE	1	61,980	0	0
XERIS BIOPHARMA HOLDINGS INC	COM	98422E103	95	61,968	SH	SOLE	1	61,968	0	0
XEROX HOLDINGS CORP	COM	98421M106	3,702	249,292	SH	SOLE	1	249,292	0	0
XOMETRY INC A	CL A	98423F109	537	15,814	SH	SOLE	1	15,814	0	0
XOS INC	COM	98423B108	47	25,613	SH	SOLE	1	25,613	0	0
XPEL INC	COM	98379L100	519	11,302	SH	SOLE	1	11,302	0	0
XPENG INC ADR	ADS	98422D105	165	5,200	SH	SOLE	1	5,200	0	0
XPERI HOLDING CORP	COM	98390M103	815	56,448	SH	SOLE	1	56,448	0	0
XPO LOGISTICS INC	COM	983793100	7,874	163,504	SH	SOLE	1	163,504	0	0
XPONENTIAL FITNESS INC A	CL A	98422X101	100	7,939	SH	SOLE	1	7,939	0	0
XYLEM INC	COM	98419M100	3,999	51,151	SH	SOLE	1	51,151	0	0
Y MABS THERAPEUTICS INC	COM	984241109	260	17,184	SH	SOLE	1	17,184	0	0
YANDEX NV A	CL A	N97284108	0	4,192	SH	SOLE	1	4,192	0	0
YELP INC	COM	985817105	1,030	37,105	SH	SOLE	1	37,105	0	0
YETI HOLDINGS INC	COM	98585X104	6,179	142,812	SH	SOLE	1	142,812	0	0
YEXT INC	COM	98585N106	269	56,245	SH	SOLE	1	56,245	0	0
YORK WATER CO	COM	987184108	268	6,640	SH	SOLE	1	6,640	0	0
YUM BRANDS INC	COM	988498101	10,070	88,712	SH	SOLE	1	88,712	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	268	5,535	SH	SOLE	1	5,535	0	0
ZAI LAB LTD ADR	ADR	98887Q104	33	953	SH	SOLE	1	953	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	4,994	16,988	SH	SOLE	1	16,988	0	0
ZENDESK INC	COM	98936J101	141	1,898	SH	SOLE	1	1,898	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	505	17,982	SH	SOLE	1	17,982	0	0

ZETA GLOBAL HOLDINGS CORP A	CL A	98956A105	66	14,571	SH	SOLE	1	14,571	0	0
ZIFF DAVIS INC	COM	48123V102	7,381	99,035	SH	SOLE	1	99,035	0	0
ZILLOW GROUP INC A	COM	98954M101	20	627	SH	SOLE	1	627	0	0
ZILLOW GROUP INC C	COM	98954M200	56	1,767	SH	SOLE	1	1,767	0	0
ZIM INTEGRATED SHIPPING SERV	COM	M9T951109	728	15,417	SH	SOLE	1	15,417	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	6,137	58,415	SH	SOLE	1	58,415	0	0
ZIMVIE INC	COM	98888T107	181	11,279	SH	SOLE	1	11,279	0	0
ZIONS BANCORP NA	COM	989701107	2,188	42,982	SH	SOLE	1	42,982	0	0
ZIPRECRUITER INC A	CL A	98980B103	554	37,403	SH	SOLE	1	37,403	0	0
ZOETIS INC	COM	98978V103	26,899	156,489	SH	SOLE	1	156,489	0	0
ZOOM VIDEO COMMUNICATIONS A	CL A	98980L101	2,017	18,677	SH	SOLE	1	18,677	0	0
ZOOMINFO TECHNOLOGIES INC	COM	98980F104	143	4,292	SH	SOLE	1	4,292	0	0
ZSCALER INC	COM	98980G102	1,483	9,920	SH	SOLE	1	9,920	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	152	5,548	SH	SOLE	1	5,548	0	0
ZUMIEZ INC	COM	989817101	222	8,541	SH	SOLE	1	8,541	0	0
ZUORA INC CLASS A	COM	98983V106	473	52,845	SH	SOLE	1	52,845	0	0
ZURN ELKAY WATER SOLUTIONS C	COM	98983L108	1,584	58,135	SH	SOLE	1	58,135	0	0
ZYNEX INC	COM	98986M103	97	12,160	SH	SOLE	1	12,160	0	0