

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
Estimated average burden hours per response:	23.8

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/ PRN	PUT/ CALL	INVESTMENT DISCRETION	OTHER MANAGER	SOLE	SHARED	NONE
1 800 FLOWERS.COM INC CL A	CL A	68243Q106	225	15,534	SH		SOLE	1	15,534	0	0
1ST CONSTITUTION BANCORP	COM	31986N102	123	5,546	SH		SOLE	1	5,546	0	0
1ST SOURCE CORP	COM	336901103	458	8,836	SH		SOLE	1	8,836	0	0
22ND CENTURY GROUP INC	COM	90137F103	80	72,457	SH		SOLE	1	72,457	0	0
2U INC	COM	90214J101	25	1,035	SH		SOLE	1	1,035	0	0
3D SYSTEMS CORP	COM	88554D205	730	83,379	SH		SOLE	1	83,379	0	0
3M CO	COM	88579Y101	374,530	2,122,944	SH		SOLE	1	2,122,944	0	0
51JOB INC ADR	ADR	316827104	25	300	SH		SOLE	1	300	0	0
58.COM INC ADR	ADR	31680Q104	84	1,302	SH		SOLE	1	1,302	0	0
89BIO INC	COM	282559103	48	1,839	SH		SOLE	1	1,839	0	0
8X8 INC	COM	282914100	1,250	68,312	SH		SOLE	1	68,312	0	0
A10 NETWORKS INC	COM	002121101	212	30,816	SH		SOLE	1	30,816	0	0
AAON INC	COM	000360206	1,463	29,613	SH		SOLE	1	29,613	0	0
AAR CORP	COM	000361105	1,084	24,029	SH		SOLE	1	24,029	0	0
AARON S INC	COM	002535300	9,758	170,864	SH		SOLE	1	170,864	0	0
ABBOTT LABORATORIES	COM	002824100	58,037	668,168	SH		SOLE	1	668,168	0	0
ABBVIE INC	COM	00287Y109	403,388	4,556,000	SH		SOLE	1	4,556,000	0	0
ABEONA THERAPEUTICS INC	COM	00289Y107	69	20,972	SH		SOLE	1	20,972	0	0
ABERCROMBIE & FITCH CO CL A	CL A	002896207	784	45,331	SH		SOLE	1	45,331	0	0
ABIOMED INC	COM	003654100	2,847	16,691	SH		SOLE	1	16,691	0	0
ABM INDUSTRIES INC	COM	000957100	1,812	48,064	SH		SOLE	1	48,064	0	0
ABRAXAS PETROLEUM CORP	COM	003830106	35	100,294	SH		SOLE	1	100,294	0	0
ACACIA COMMUNICATIONS INC	COM	00401C108	1,610	23,748	SH		SOLE	1	23,748	0	0
ACACIA RESEARCH CORP	COM	003881307	82	30,829	SH		SOLE	1	30,829	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	5,677	170,906	SH		SOLE	1	170,906	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	3,015	70,486	SH		SOLE	1	70,486	0	0
ACADIA REALTY TRUST	COM SH BEN INT	004239109	1,605	61,905	SH		SOLE	1	61,905	0	0
ACCELERATE DIAGNOSTICS INC	COM	00430H102	289	17,080	SH		SOLE	1	17,080	0	0
ACCELERON PHARMA INC	COM	00434H108	1,495	28,201	SH		SOLE	1	28,201	0	0
ACCENTURE PLC CL A	SHS CL A	G1151C101	43,872	208,347	SH		SOLE	1	208,347	0	0
ACCO BRANDS CORP	COM	00081T108	565	60,362	SH		SOLE	1	60,362	0	0
ACCURAY INC	COM	004397105	155	55,019	SH		SOLE	1	55,019	0	0
ACELRX PHARMACEUTICALS	COM	00444T100	104	49,067	SH		SOLE	1	49,067	0	0

INC										
ACER THERAPEUTICS INC	COM	00444P108	13	3,142	SH	SOLE	1	3,142	0	0
ACHILLION PHARMACEUTICALS	COM	00448Q201	514	85,322	SH	SOLE	1	85,322	0	0
ACI WORLDWIDE INC	COM	004498101	11,116	293,410	SH	SOLE	1	293,410	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	36	19,294	SH	SOLE	1	19,294	0	0
ACNB CORP	COM	000868109	162	4,284	SH	SOLE	1	4,284	0	0
ACORDA THERAPEUTICS INC	COM	00484M106	67	32,704	SH	SOLE	1	32,704	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	19,118	321,737	SH	SOLE	1	321,737	0	0
ACTUANT CORP A	COM	00508X203	1,031	39,598	SH	SOLE	1	39,598	0	0
ACUITY BRANDS INC	COM	00508Y102	10,564	76,550	SH	SOLE	1	76,550	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	716	22,035	SH	SOLE	1	22,035	0	0
ADAMAS PHARMACEUTICALS INC	COM	00548A106	54	14,305	SH	SOLE	1	14,305	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	10	348	SH	SOLE	1	348	0	0
ADDUS HOMECARE CORP	COM	006739106	884	9,095	SH	SOLE	1	9,095	0	0
ADESTO TECHNOLOGIES CORP	COM	00687D101	144	16,950	SH	SOLE	1	16,950	0	0
ADIANT PLC	COM	G0084W101	4,708	221,554	SH	SOLE	1	221,554	0	0
ADMA BIOLOGICS INC	COM	000899104	126	31,516	SH	SOLE	1	31,516	0	0
ADOBE INC	COM	00724F101	70,418	213,512	SH	SOLE	1	213,512	0	0
ADT INC	COM	00090Q103	14	1,771	SH	SOLE	1	1,771	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	4,795	137,109	SH	SOLE	1	137,109	0	0
ADTRAN INC	COM	00738A106	341	34,433	SH	SOLE	1	34,433	0	0
ADURO BIOTECH INC	COM	00739L101	48	41,017	SH	SOLE	1	41,017	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	3,754	23,437	SH	SOLE	1	23,437	0	0
ADVANCED DISPOSAL SERVICES I	COM	00790X101	1,496	45,508	SH	SOLE	1	45,508	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	1,055	27,172	SH	SOLE	1	27,172	0	0
ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	108	10,305	SH	SOLE	1	10,305	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,959	27,512	SH	SOLE	1	27,512	0	0
ADVANCED MICRO DEVICES	COM	007903107	22,400	488,444	SH	SOLE	1	488,444	0	0
ADVANSIX INC	COM	00773T101	402	20,148	SH	SOLE	1	20,148	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	389	33,801	SH	SOLE	1	33,801	0	0
AECOM	COM	00766T100	14,319	332,006	SH	SOLE	1	332,006	0	0
AEGION CORP	COM	00770F104	493	22,026	SH	SOLE	1	22,026	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	125	16,383	SH	SOLE	1	16,383	0	0
AERCAP HOLDINGS NV	COM	N00985106	1,417	23,055	SH	SOLE	1	23,055	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	639	26,432	SH	SOLE	1	26,432	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	2,406	52,693	SH	SOLE	1	52,693	0	0
AEROVIRONMENT INC	COM	008073108	951	15,402	SH	SOLE	1	15,402	0	0
AES CORP	COM	00130H105	7,755	389,699	SH	SOLE	1	389,699	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	8,060	95,109	SH	SOLE	1	95,109	0	0
AFFIMED NV	COM	N01045108	126	46,050	SH	SOLE	1	46,050	0	0
AFLAC INC	COM	001055102	16,369	309,441	SH	SOLE	1	309,441	0	0

AG MORTGAGE INVESTMENT TRUST	COM	001228105	314	20,380	SH	SOLE	1	20,380	0	0
AGCO CORP	COM	001084102	9,346	120,988	SH	SOLE	1	120,988	0	0
AGENUS INC	COM	00847G705	273	67,012	SH	SOLE	1	67,012	0	0
AGEX THERAPEUTICS INC	COM	00848H108	24	13,319	SH	SOLE	1	13,319	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	10,810	126,713	SH	SOLE	1	126,713	0	0
AGILYSYS INC	COM	00847J105	379	14,907	SH	SOLE	1	14,907	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	41	852	SH	SOLE	1	852	0	0
AGNC INVESTMENT CORP	COM	00123Q104	152	8,597	SH	SOLE	1	8,597	0	0
AGREE REALTY CORP	COM	008492100	2,257	32,158	SH	SOLE	1	32,158	0	0
AIMMUNE THERAPEUTICS INC	COM	00900T107	943	28,179	SH	SOLE	1	28,179	0	0
AIR LEASE CORP	COM	00912X302	80	1,690	SH	SOLE	1	1,690	0	0
AIR PRODUCTS & CHEMICALS INC	COM	009158106	20,200	85,962	SH	SOLE	1	85,962	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	859	36,618	SH	SOLE	1	36,618	0	0
AIRCASTLE LTD	COM	G0129K104	1,050	32,809	SH	SOLE	1	32,809	0	0
AIRGAIN INC	COM	00938A104	60	5,595	SH	SOLE	1	5,595	0	0
AK STEEL HOLDING CORP	COM	001547108	749	227,578	SH	SOLE	1	227,578	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	5,144	59,549	SH	SOLE	1	59,549	0	0
AKCEA THERAPEUTICS INC	COM	00972L107	134	7,882	SH	SOLE	1	7,882	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	467	73,926	SH	SOLE	1	73,926	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	68	3,062	SH	SOLE	1	3,062	0	0
AKORN INC	COM	009728106	101	67,546	SH	SOLE	1	67,546	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	127	15,931	SH	SOLE	1	15,931	0	0
ALAMO GROUP INC	COM	011311107	883	7,033	SH	SOLE	1	7,033	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,139	26,501	SH	SOLE	1	26,501	0	0
ALASKA AIR GROUP INC	COM	011659109	3,982	58,774	SH	SOLE	1	58,774	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,680	22,123	SH	SOLE	1	22,123	0	0
ALBEMARLE CORP	COM	012653101	2,607	35,689	SH	SOLE	1	35,689	0	0
ALBIREO PHARMA INC	COM	01345P106	173	6,814	SH	SOLE	1	6,814	0	0
ALCOA CORP	COM	013872106	63	2,913	SH	SOLE	1	2,913	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	83	14,360	SH	SOLE	1	14,360	0	0
ALECTOR INC	COM	014442107	327	18,969	SH	SOLE	1	18,969	0	0
ALERUS FINANCIAL CORP	COM	01446U103	43	1,870	SH	SOLE	1	1,870	0	0
ALEXANDER & BALDWIN INC	COM	014491104	3,626	172,997	SH	SOLE	1	172,997	0	0
ALEXANDER S INC	COM	014752109	441	1,335	SH	SOLE	1	1,335	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	6,518	40,339	SH	SOLE	1	40,339	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	10,637	98,358	SH	SOLE	1	98,358	0	0
ALIBABA GROUP HOLDING SP ADR	ADR	01609W102	4,275	20,155	SH	SOLE	1	20,155	0	0
ALICO INC	COM	016230104	91	2,528	SH	SOLE	1	2,528	0	0
ALIGN TECHNOLOGY INC	COM	016255101	9,180	32,900	SH	SOLE	1	32,900	0	0

ALKERMES PLC	COM	G01767105	50	2,444	SH	SOLE	1	2,444	0	0
ALLAKOS INC	COM	01671P100	1,163	12,195	SH	SOLE	1	12,195	0	0
ALLEGHANY CORP	COM	017175100	22,214	27,782	SH	SOLE	1	27,782	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	6,614	320,136	SH	SOLE	1	320,136	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	516	13,721	SH	SOLE	1	13,721	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	1,637	9,405	SH	SOLE	1	9,405	0	0
ALLEGION PLC	COM	G0176J109	4,096	32,891	SH	SOLE	1	32,891	0	0
ALLERGAN PLC	COM	G0177J108	20,146	105,382	SH	SOLE	1	105,382	0	0
ALLETE INC	COM	018522300	10,664	131,377	SH	SOLE	1	131,377	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	1,551	13,822	SH	SOLE	1	13,822	0	0
ALLIANT ENERGY CORP	COM	018802108	4,426	80,881	SH	SOLE	1	80,881	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	215	4,428	SH	SOLE	1	4,428	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	125	2,586	SH	SOLE	1	2,586	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	631	24,288	SH	SOLE	1	24,288	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	4,045	412,139	SH	SOLE	1	412,139	0	0
ALLSTATE CORP	COM	020002101	18,438	163,962	SH	SOLE	1	163,962	0	0
ALLY FINANCIAL INC	COM	02005N100	187	6,135	SH	SOLE	1	6,135	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	271	2,351	SH	SOLE	1	2,351	0	0
ALPHA & OMEGA SEMICONDUCTOR	COM	G6331P104	173	12,670	SH	SOLE	1	12,670	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	186,648	139,353	SH	SOLE	1	139,353	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	156,074	116,733	SH	SOLE	1	116,733	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	174	24,476	SH	SOLE	1	24,476	0	0
ALTAIR ENGINEERING INC A	COM	021369103	899	25,048	SH	SOLE	1	25,048	0	0
ALTERYX INC CLASS A	COM	02156B103	107	1,066	SH	SOLE	1	1,066	0	0
ALTICE USA INC A	COM	02156K103	201	7,340	SH	SOLE	1	7,340	0	0
ALTISOURCE PORTFOLIO SOL	COM	L0175J104	68	3,537	SH	SOLE	1	3,537	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	1,459	40,293	SH	SOLE	1	40,293	0	0
ALTRIA GROUP INC	COM	02209S103	376,094	7,535,447	SH	SOLE	1	7,535,447	0	0
ALTUS MIDSTREAM CO A	COM	02215L100	90	31,546	SH	SOLE	1	31,546	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	296	24,334	SH	SOLE	1	24,334	0	0
AMALGAMATED BK OF NEW YORK A	COM	022663108	169	8,677	SH	SOLE	1	8,677	0	0
AMAZON.COM INC	COM	023135106	302,164	163,523	SH	SOLE	1	163,523	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	705	32,666	SH	SOLE	1	32,666	0	0
AMBARELLA INC	COM	G037AX101	1,198	19,777	SH	SOLE	1	19,777	0	0
AMC ENTERTAINMENT HLDS CL A	CL A COM	00165C104	234	32,305	SH	SOLE	1	32,305	0	0
AMC NETWORKS INC A	COM	00164V103	3,372	85,357	SH	SOLE	1	85,357	0	0
AMCOR PLC	COM	G0250X107	5,638	520,095	SH	SOLE	1	520,095	0	0
AMDOCS LTD	COM	G02602103	153	2,126	SH	SOLE	1	2,126	0	0
AMEDISYS INC	COM	023436108	13,585	81,389	SH	SOLE	1	81,389	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	265	6,699	SH	SOLE	1	6,699	0	0
AMERANT BANCORP	COM	023576101	264	12,116	SH	SOLE	1	12,116	0	0

INC										
AMERCO	COM	023586100	52	138	SH	SOLE	1	138	0	0
AMEREN CORPORATION	COM	023608102	6,361	82,823	SH	SOLE	1	82,823	0	0
AMERESCO INC CL A	CL A	02361E108	246	14,069	SH	SOLE	1	14,069	0	0
AMERICA S CAR MART INC	COM	03062T105	429	3,908	SH	SOLE	1	3,908	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	4,807	167,615	SH	SOLE	1	167,615	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	1,601	34,871	SH	SOLE	1	34,871	0	0
AMERICAN AXLE & MFG HOLDINGS	COM	024061103	871	80,924	SH	SOLE	1	80,924	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	12,620	268,332	SH	SOLE	1	268,332	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	5,934	403,664	SH	SOLE	1	403,664	0	0
AMERICAN ELECTRIC POWER	COM	025537101	14,986	158,567	SH	SOLE	1	158,567	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,951	65,185	SH	SOLE	1	65,185	0	0
AMERICAN EXPRESS CO	COM	025816109	33,253	267,113	SH	SOLE	1	267,113	0	0
AMERICAN FINANCE TRUST INC	COM	02607T109	888	66,960	SH	SOLE	1	66,960	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	15,837	144,428	SH	SOLE	1	144,428	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	277	10,554	SH	SOLE	1	10,554	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	14,335	279,270	SH	SOLE	1	279,270	0	0
AMERICAN NATIONAL INSURANCE	COM	028591105	14	116	SH	SOLE	1	116	0	0
AMERICAN OUTDOOR BRANDS CORP	COM	02874P103	314	33,877	SH	SOLE	1	33,877	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	300	10,940	SH	SOLE	1	10,940	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	27	1,560	SH	SOLE	1	1,560	0	0
AMERICAN RENAL ASSOCIATES HO	COM	029227105	119	11,486	SH	SOLE	1	11,486	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	269	18,057	SH	SOLE	1	18,057	0	0
AMERICAN STATES WATER CO	COM	029899101	2,296	26,497	SH	SOLE	1	26,497	0	0
AMERICAN SUPERCONDUCTOR CORP	COM	030111207	105	13,365	SH	SOLE	1	13,365	0	0
AMERICAN TOWER CORP	COM	03027X100	39,217	170,644	SH	SOLE	1	170,644	0	0
AMERICAN VANGUARD CORP	COM	030371108	401	20,609	SH	SOLE	1	20,609	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	11,543	93,962	SH	SOLE	1	93,962	0	0
AMERICAN WOODMARK CORP	COM	030506109	1,259	12,046	SH	SOLE	1	12,046	0	0
AMERICOLD REALTY TRUST	COM	03064D108	157	4,490	SH	SOLE	1	4,490	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	8,526	51,183	SH	SOLE	1	51,183	0	0
AMERIS BANCORP	COM	03076K108	1,895	44,547	SH	SOLE	1	44,547	0	0
AMERISAFE INC	COM	03071H100	912	13,816	SH	SOLE	1	13,816	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	4,405	51,817	SH	SOLE	1	51,817	0	0
AMES NATIONAL CORP	COM	031001100	156	5,558	SH	SOLE	1	5,558	0	0
AMETEK INC	COM	031100100	9,455	94,798	SH	SOLE	1	94,798	0	0
AMGEN INC	COM	031162100	67,637	280,569	SH	SOLE	1	280,569	0	0

AMICUS THERAPEUTICS INC	COM	03152W109	1,561	160,222	SH	SOLE	1	160,222	0	0
AMKOR TECHNOLOGY INC	COM	031652100	800	61,510	SH	SOLE	1	61,510	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	2,076	33,312	SH	SOLE	1	33,312	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	357	74,031	SH	SOLE	1	74,031	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	497	25,752	SH	SOLE	1	25,752	0	0
AMPHENOL CORP CL A	CL A	032095101	11,400	105,333	SH	SOLE	1	105,333	0	0
AMPLIFY ENERGY CORP	COM	03212B103	394	59,537	SH	SOLE	1	59,537	0	0
AMYRIS INC	COM	03236M200	115	37,360	SH	SOLE	1	37,360	0	0
ANALOG DEVICES INC	COM	032654105	19,288	162,301	SH	SOLE	1	162,301	0	0
ANAPLAN INC	COM	03272L108	103	1,962	SH	SOLE	1	1,962	0	0
ANAPTYSBIO INC	COM	032724106	250	15,383	SH	SOLE	1	15,383	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	70	26,881	SH	SOLE	1	26,881	0	0
ANDERSONS INC/THE	COM	034164103	577	22,840	SH	SOLE	1	22,840	0	0
ANGIODYNAMICS INC	COM	03475V101	427	26,702	SH	SOLE	1	26,702	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	408	6,614	SH	SOLE	1	6,614	0	0
ANIKA THERAPEUTICS INC	COM	035255108	506	9,754	SH	SOLE	1	9,754	0	0
ANIXTER INTERNATIONAL INC	COM	035290105	2,024	21,975	SH	SOLE	1	21,975	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	215	22,825	SH	SOLE	1	22,825	0	0
ANSYS INC	COM	03662Q105	9,227	35,844	SH	SOLE	1	35,844	0	0
ANTARES PHARMA INC	COM	036642106	476	101,276	SH	SOLE	1	101,276	0	0
ANTERIX INC	COM	03676C100	291	6,732	SH	SOLE	1	6,732	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	4,342	572,100	SH	SOLE	1	572,100	0	0
ANTERO RESOURCES CORP	COM	03674X106	12	4,139	SH	SOLE	1	4,139	0	0
ANTHEM INC	COM	036752103	24,585	81,398	SH	SOLE	1	81,398	0	0
ANWORTH MORTGAGE ASSET CORP	COM	037347101	215	61,158	SH	SOLE	1	61,158	0	0
AON PLC	COM	G0408V102	18,035	86,587	SH	SOLE	1	86,587	0	0
APACHE CORP	COM	037411105	4,148	162,087	SH	SOLE	1	162,087	0	0
APARTMENT INVT & MGMT CO A	COM	03748R754	2,736	52,963	SH	SOLE	1	52,963	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	936	30,580	SH	SOLE	1	30,580	0	0
APERGY CORP	COM	03755L104	5,050	149,488	SH	SOLE	1	149,488	0	0
APOGEE ENTERPRISES INC	COM	037598109	615	18,931	SH	SOLE	1	18,931	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	2,018	110,331	SH	SOLE	1	110,331	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	71	3,854	SH	SOLE	1	3,854	0	0
APPFOLIO INC A	COM	03783C100	1,082	9,841	SH	SOLE	1	9,841	0	0
APPIAN CORP	COM	03782L101	815	21,329	SH	SOLE	1	21,329	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	202	12,411	SH	SOLE	1	12,411	0	0
APPLE INC	COM	037833100	515,238	1,754,599	SH	SOLE	1	1,754,599	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	1,849	27,723	SH	SOLE	1	27,723	0	0
APPLIED MATERIALS INC	COM	038222105	24,408	399,861	SH	SOLE	1	399,861	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	163	13,734	SH	SOLE	1	13,734	0	0

APPLIED THERAPEUTICS INC	COM	03828A101	109	4,009	SH	SOLE	1	4,009	0	0
APREA THERAPEUTICS INC	COM	03836J102	186	4,043	SH	SOLE	1	4,043	0	0
APTARGROUP INC	COM	038336103	14,288	123,575	SH	SOLE	1	123,575	0	0
APTIV PLC	COM	G6095L109	8,179	86,126	SH	SOLE	1	86,126	0	0
APYX MEDICAL CORP	COM	03837C106	176	20,851	SH	SOLE	1	20,851	0	0
AQUA AMERICA INC	COM	03836W103	19,553	416,558	SH	SOLE	1	416,558	0	0
AQUAVENTURE HOLDINGS LTD	COM	G0443N107	238	8,781	SH	SOLE	1	8,781	0	0
ARAMARK	COM	03852U106	167	3,838	SH	SOLE	1	3,838	0	0
ARCBEST CORP	COM	03937C105	508	18,394	SH	SOLE	1	18,394	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	275	6,415	SH	SOLE	1	6,415	0	0
ARCH COAL INC A	COM	039380407	677	9,441	SH	SOLE	1	9,441	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	8,688	187,445	SH	SOLE	1	187,445	0	0
ARCHROCK INC	COM	03957W106	933	92,924	SH	SOLE	1	92,924	0	0
ARCONIC INC	COM	03965L100	4,082	132,661	SH	SOLE	1	132,661	0	0
ARCOSA INC	COM	039653100	1,565	35,129	SH	SOLE	1	35,129	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	205	20,328	SH	SOLE	1	20,328	0	0
ARDAGH GROUP SA	COM	L0223L101	6	289	SH	SOLE	1	289	0	0
ARDELYX INC	COM	039697107	222	29,533	SH	SOLE	1	29,533	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	189	20,909	SH	SOLE	1	20,909	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	1,436	31,625	SH	SOLE	1	31,625	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	268	16,901	SH	SOLE	1	16,901	0	0
ARES MANAGEMENT CORP A	COM	03990B101	1,598	44,777	SH	SOLE	1	44,777	0	0
ARGAN INC	COM	04010E109	370	9,218	SH	SOLE	1	9,218	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	1,345	20,449	SH	SOLE	1	20,449	0	0
ARISTA NETWORKS INC	COM	040413106	3,948	19,411	SH	SOLE	1	19,411	0	0
ARLINGTON ASSET INVESTMENT A	COM	041356205	126	22,596	SH	SOLE	1	22,596	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	228	54,268	SH	SOLE	1	54,268	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	873	47,579	SH	SOLE	1	47,579	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	760	42,548	SH	SOLE	1	42,548	0	0
ARMSTRONG FLOORING INC	COM	04238R106	47	11,084	SH	SOLE	1	11,084	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	108	1,147	SH	SOLE	1	1,147	0	0
ARQULE INC	COM	04269E107	1,402	70,251	SH	SOLE	1	70,251	0	0
ARROW ELECTRONICS INC	COM	042735100	14,563	171,857	SH	SOLE	1	171,857	0	0
ARROW FINANCIAL CORP	COM	042744102	302	7,989	SH	SOLE	1	7,989	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	15,864	250,099	SH	SOLE	1	250,099	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	186	5,009	SH	SOLE	1	5,009	0	0
ARTHUR J GALLAGHER & CO	COM	363576109	6,107	64,129	SH	SOLE	1	64,129	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	1,013	31,339	SH	SOLE	1	31,339	0	0
ARVINAS INC	COM	04335A105	546	13,284	SH	SOLE	1	13,284	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	1,559	13,944	SH	SOLE	1	13,944	0	0

ASCENA RETAIL GROUP INC	COM	04351G200	38	4,904	SH	SOLE	1	4,904	0	0
ASGN INC	COM	00191U102	9,444	133,076	SH	SOLE	1	133,076	0	0
ASHFORD HOSPITALITY TRUST	COM	044103109	157	56,378	SH	SOLE	1	56,378	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	8,895	116,235	SH	SOLE	1	116,235	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	1,419	4,795	SH	SOLE	1	4,795	0	0
ASPEN TECHNOLOGY INC	COM	045327103	195	1,616	SH	SOLE	1	1,616	0	0
ASSEMBLY BIOSCIENCES INC	COM	045396108	295	14,411	SH	SOLE	1	14,411	0	0
ASSERTIO THERAPEUTICS INC	COM	04545L107	50	40,383	SH	SOLE	1	40,383	0	0
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	250	8,627	SH	SOLE	1	8,627	0	0
ASSOCIATED BANC CORP	COM	045487105	6,779	307,557	SH	SOLE	1	307,557	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	47	1,205	SH	SOLE	1	1,205	0	0
ASSURANT INC	COM	04621X108	4,500	34,329	SH	SOLE	1	34,329	0	0
ASSURED GUARANTY LTD	COM	G0585R106	74	1,513	SH	SOLE	1	1,513	0	0
ASTEC INDUSTRIES INC	COM	046224101	678	16,149	SH	SOLE	1	16,149	0	0
ASTRONICS CORP	COM	046433108	400	14,317	SH	SOLE	1	14,317	0	0
ASTRONOVA INC	COM	04638F108	59	4,281	SH	SOLE	1	4,281	0	0
AT HOME GROUP INC	COM	04650Y100	164	29,849	SH	SOLE	1	29,849	0	0
AT&T INC	COM	00206R102	95,343	2,439,686	SH	SOLE	1	2,439,686	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	531	32,240	SH	SOLE	1	32,240	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	129	2,751	SH	SOLE	1	2,751	0	0
ATHENEX INC	COM	04685N103	653	42,758	SH	SOLE	1	42,758	0	0
ATHERSYS INC	COM	04744L106	103	83,860	SH	SOLE	1	83,860	0	0
ATKORE INTERNATIONAL GROUP I	COM	047649108	1,186	29,314	SH	SOLE	1	29,314	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	246	13,408	SH	SOLE	1	13,408	0	0
ATLANTIC POWER CORP	COM	04878Q863	156	66,937	SH	SOLE	1	66,937	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,879	50,031	SH	SOLE	1	50,031	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	470	17,037	SH	SOLE	1	17,037	0	0
ATLASSIAN CORP PLC CLASS A	COM	G06242104	297	2,469	SH	SOLE	1	2,469	0	0
ATMOS ENERGY CORP	COM	049560105	4,491	40,147	SH	SOLE	1	40,147	0	0
ATN INTERNATIONAL INC	COM	00215F107	442	7,973	SH	SOLE	1	7,973	0	0
ATRECA INC A	COM	04965G109	63	4,076	SH	SOLE	1	4,076	0	0
ATRICURE INC	COM	04963C209	774	23,795	SH	SOLE	1	23,795	0	0
ATRION CORPORATION	COM	049904105	673	896	SH	SOLE	1	896	0	0
AUDENTES THERAPEUTICS INC	COM	05070R104	1,686	28,177	SH	SOLE	1	28,177	0	0
AUTODESK INC	COM	052769106	17,606	95,967	SH	SOLE	1	95,967	0	0
AUTOHOME INC ADR	ADR	05278C107	64	796	SH	SOLE	1	796	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	33,437	196,114	SH	SOLE	1	196,114	0	0
AUTONATION INC	COM	05329W102	5,522	113,554	SH	SOLE	1	113,554	0	0
AUTOZONE INC	COM	053332102	10,113	8,489	SH	SOLE	1	8,489	0	0
AVALARA INC	COM	05338G106	79	1,076	SH	SOLE	1	1,076	0	0
AVALON GLOBOCARE CORP	COM	05344R104	26	13,572	SH	SOLE	1	13,572	0	0

AVALONBAY COMMUNITIES INC	COM	053484101	11,580	55,221	SH	SOLE	1	55,221	0	0
AVANGRID INC	COM	05351W103	45	881	SH	SOLE	1	881	0	0
AVANOS MEDICAL INC	COM	05350V106	4,090	121,370	SH	SOLE	1	121,370	0	0
AVANTOR INC	COM	05352A100	90	4,949	SH	SOLE	1	4,949	0	0
AVAYA HOLDINGS CORP	COM	05351X101	938	69,457	SH	SOLE	1	69,457	0	0
AVERY DENNISON CORP	COM	053611109	3,847	29,404	SH	SOLE	1	29,404	0	0
AVID BIOSERVICES INC	COM	05368M106	269	35,097	SH	SOLE	1	35,097	0	0
AVID TECHNOLOGY INC	COM	05367P100	152	17,745	SH	SOLE	1	17,745	0	0
AVIS BUDGET GROUP INC	COM	053774105	4,670	144,844	SH	SOLE	1	144,844	0	0
AVISTA CORP	COM	05379B107	2,313	48,095	SH	SOLE	1	48,095	0	0
AVNET INC	COM	053807103	8,271	194,877	SH	SOLE	1	194,877	0	0
AVON PRODUCTS INC	COM	054303102	239	42,459	SH	SOLE	1	42,459	0	0
AVROBIO INC	COM	05455M100	260	12,904	SH	SOLE	1	12,904	0	0
AVX CORP	COM	002444107	603	29,477	SH	SOLE	1	29,477	0	0
AXA EQUITABLE HOLDINGS INC	COM	054561105	161	6,500	SH	SOLE	1	6,500	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	113	3,730	SH	SOLE	1	3,730	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	562	23,305	SH	SOLE	1	23,305	0	0
AXCELLA HEALTH INC	COM	05454B105	20	4,884	SH	SOLE	1	4,884	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	81	1,357	SH	SOLE	1	1,357	0	0
AXOGEN INC	COM	05463X106	380	21,239	SH	SOLE	1	21,239	0	0
AXON ENTERPRISE INC	COM	05464C101	11,001	150,127	SH	SOLE	1	150,127	0	0
AXONICS MODULATION TECHNOLOG	COM	05465P101	271	9,788	SH	SOLE	1	9,788	0	0
AXOS FINANCIAL INC	COM	05465C100	1,251	41,318	SH	SOLE	1	41,318	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	1,629	15,758	SH	SOLE	1	15,758	0	0
AXT INC	COM	00246W103	105	24,117	SH	SOLE	1	24,117	0	0
AZZ INC	COM	002474104	863	18,775	SH	SOLE	1	18,775	0	0
B. RILEY FINANCIAL INC	COM	05580M108	324	12,848	SH	SOLE	1	12,848	0	0
B&G FOODS INC	COM	05508R106	823	45,876	SH	SOLE	1	45,876	0	0
BADGER METER INC	COM	056525108	1,344	20,701	SH	SOLE	1	20,701	0	0
BAIDU INC SPON ADR	ADR	056752108	2,753	21,777	SH	SOLE	1	21,777	0	0
BAKER HUGHES CO	COM	05722G100	7,568	295,267	SH	SOLE	1	295,267	0	0
BALCHEM CORP	COM	057665200	2,363	23,249	SH	SOLE	1	23,249	0	0
BALL CORP	COM	058498106	8,576	132,606	SH	SOLE	1	132,606	0	0
BANC OF CALIFORNIA INC	COM	05990K106	561	32,672	SH	SOLE	1	32,672	0	0
BANCFIRST CORP	COM	05945F103	728	11,662	SH	SOLE	1	11,662	0	0
BANCO MACRO SA ADR	ADR	05961W105	20	562	SH	SOLE	1	562	0	0
BANCORP INC/THE	COM	05969A105	1,392	107,344	SH	SOLE	1	107,344	0	0
BANCORPSOUTH BANK	COM	05971J102	7,721	245,819	SH	SOLE	1	245,819	0	0
BANDWIDTH INC CLASS A	COM	05988J103	645	10,066	SH	SOLE	1	10,066	0	0
BANK FIRST CORP	COM	06211J100	253	3,618	SH	SOLE	1	3,618	0	0
BANK OF AMERICA CORP	COM	060505104	92,558	2,628,000	SH	SOLE	1	2,628,000	0	0
BANK OF COMMERCE HOLDINGS	COM	06424J103	126	10,852	SH	SOLE	1	10,852	0	0
BANK OF HAWAII CORP	COM	062540109	7,397	77,727	SH	SOLE	1	77,727	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	373	8,284	SH	SOLE	1	8,284	0	0
BANK OF N.T. BUTTERFIELD&SON	COM	G0772R208	1,286	34,738	SH	SOLE	1	34,738	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	17,512	347,944	SH	SOLE	1	347,944	0	0

BANK OZK	COM	06417N103	7,117	233,307	SH	SOLE	1	233,307	0	0
BANK7 CORP	COM	06652N107	44	2,328	SH	SOLE	1	2,328	0	0
BANKFINANCIAL CORP	COM	06643P104	114	8,728	SH	SOLE	1	8,728	0	0
BANKUNITED INC	COM	06652K103	54	1,472	SH	SOLE	1	1,472	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	120	4,163	SH	SOLE	1	4,163	0	0
BANNER CORPORATION	COM	06652V208	1,446	25,559	SH	SOLE	1	25,559	0	0
BAOZUN INC SPN ADR	ADR	06684L103	13	400	SH	SOLE	1	400	0	0
BAR HARBOR BANKSHARES	COM	066849100	243	9,552	SH	SOLE	1	9,552	0	0
BARNES & NOBLE EDUCATION INC	COM	06777U101	126	29,404	SH	SOLE	1	29,404	0	0
BARNES GROUP INC	COM	067806109	2,112	34,086	SH	SOLE	1	34,086	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	411	4,541	SH	SOLE	1	4,541	0	0
BASSETT FURNITURE INDS	COM	070203104	100	5,975	SH	SOLE	1	5,975	0	0
BAUDAX BIO INC WI	COM	07160F107	34	4,851	SH	SOLE	1	4,851	0	0
BAXTER INTERNATIONAL INC	COM	071813109	16,582	198,303	SH	SOLE	1	198,303	0	0
BAYCOM CORP	COM	07272M107	155	6,810	SH	SOLE	1	6,810	0	0
BBVA ARGENTINA SA ADR	SPONSORED ADS	058934100	3	475	SH	SOLE	1	475	0	0
BBX CAPITAL CORP	COM	05491N104	192	40,255	SH	SOLE	1	40,255	0	0
BCB BANCORP INC	COM	055298103	120	8,734	SH	SOLE	1	8,734	0	0
BCE INC	COM	05534B950	1,103	23,808	SH	SOLE	1	23,808	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,360	42,536	SH	SOLE	1	42,536	0	0
BEAZER HOMES USA INC	COM	07556Q881	254	18,001	SH	SOLE	1	18,001	0	0
BECTON DICKINSON AND CO	COM	075887109	23,613	86,822	SH	SOLE	1	86,822	0	0
BED BATH & BEYOND INC	COM	075896100	5,512	318,634	SH	SOLE	1	318,634	0	0
BEIGENE LTD ADR	ADR	07725L102	669	4,035	SH	SOLE	1	4,035	0	0
BEL FUSE INC CL B	COM	077347300	147	7,152	SH	SOLE	1	7,152	0	0
BELDEN INC	COM	077454106	5,412	98,406	SH	SOLE	1	98,406	0	0
BELLRING BRANDS INC CLASS A	COM CL A	079823100	530	24,908	SH	SOLE	1	24,908	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	918	26,726	SH	SOLE	1	26,726	0	0
BENEFITFOCUS INC	COM	08180D106	407	18,555	SH	SOLE	1	18,555	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	142,225	627,923	SH	SOLE	1	627,923	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	1,063	32,341	SH	SOLE	1	32,341	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	117	2,460	SH	SOLE	1	2,460	0	0
BERRY PETROLEUM CORP	COM	08579X101	370	39,238	SH	SOLE	1	39,238	0	0
BEST BUY CO INC	COM	086516101	362,872	4,132,941	SH	SOLE	1	4,132,941	0	0
BEYOND MEAT INC	COM	08862E109	16	206	SH	SOLE	1	206	0	0
BEYONDSRING INC	COM	G10830100	125	8,044	SH	SOLE	1	8,044	0	0
BG STAFFING INC	COM	05544A109	136	6,217	SH	SOLE	1	6,217	0	0
BGC PARTNERS INC CL A	CL A	05541T101	27	4,489	SH	SOLE	1	4,489	0	0
BIG LOTS INC	COM	089302103	808	28,123	SH	SOLE	1	28,123	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	68	591	SH	SOLE	1	591	0	0
BIO RAD LABORATORIES A	COM	090572207	18,185	49,145	SH	SOLE	1	49,145	0	0
BIO TECHNE CORP	COM	09073M104	16,208	73,835	SH	SOLE	1	73,835	0	0
BIOCRIST PHARMACEUTICALS	COM	09058V103	320	92,742	SH	SOLE	1	92,742	0	0

INC										
BIODELIVERY SCIENCES INTL	COM	09060J106	331	52,301	SH	SOLE	1	52,301	0	0
BIOGEN INC	COM	09062X103	24,070	81,119	SH	SOLE	1	81,119	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	1,333	24,491	SH	SOLE	1	24,491	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	74	4,546	SH	SOLE	1	4,546	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,338	15,822	SH	SOLE	1	15,822	0	0
BIOSIG TECHNOLOGIES INC	COM	09073N201	59	9,936	SH	SOLE	1	9,936	0	0
BIOSPECIFICS TECHNOLOGIES	COM	090931106	219	3,841	SH	SOLE	1	3,841	0	0
BIOTELEMETRY INC	COM	090672106	1,113	24,039	SH	SOLE	1	24,039	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	63	4,346	SH	SOLE	1	4,346	0	0
BJ S RESTAURANTS INC	COM	09180C106	524	13,815	SH	SOLE	1	13,815	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	6,907	303,731	SH	SOLE	1	303,731	0	0
BLACK HILLS CORP	COM	092113109	12,243	155,888	SH	SOLE	1	155,888	0	0
BLACK KNIGHT INC	COM	09215C105	217	3,369	SH	SOLE	1	3,369	0	0
BLACKBAUD INC	COM	09227Q100	9,930	124,754	SH	SOLE	1	124,754	0	0
BLACKLINE INC	COM	09239B109	1,396	27,075	SH	SOLE	1	27,075	0	0
BLACKROCK INC	COM	09247X101	24,976	49,684	SH	SOLE	1	49,684	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	2,942	79,051	SH	SOLE	1	79,051	0	0
BLOOM ENERGY CORP A	COM	093712107	258	34,518	SH	SOLE	1	34,518	0	0
BLOOMIN BRANDS INC	COM	094235108	1,387	62,827	SH	SOLE	1	62,827	0	0
BLUCORA INC	COM	095229100	919	35,151	SH	SOLE	1	35,151	0	0
BLUE BIRD CORP	COM	095306106	217	9,480	SH	SOLE	1	9,480	0	0
BLUEBIRD BIO INC	COM	09609G100	76	863	SH	SOLE	1	863	0	0
BLUEGREEN VACATIONS CORP	COM	09629F108	46	4,484	SH	SOLE	1	4,484	0	0
BLUELINX HOLDINGS INC	COM	09624H208	80	5,599	SH	SOLE	1	5,599	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	2,450	30,579	SH	SOLE	1	30,579	0	0
BLUEROCK RESIDENTIAL GROWTH	COM	09627J102	170	14,130	SH	SOLE	1	14,130	0	0
BMC STOCK HOLDINGS INC	COM	05591B109	1,197	41,713	SH	SOLE	1	41,713	0	0
BOEING CO/THE	COM	097023105	57,770	177,338	SH	SOLE	1	177,338	0	0
BOINGO WIRELESS INC	COM	09739C102	298	27,214	SH	SOLE	1	27,214	0	0
BOISE CASCADE CO	COM	09739D100	1,025	28,059	SH	SOLE	1	28,059	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	44	507	SH	SOLE	1	507	0	0
BONANZA CREEK ENERGY INC	COM	097793400	318	13,629	SH	SOLE	1	13,629	0	0
BOOKING HOLDINGS INC	COM	09857L108	40,512	19,726	SH	SOLE	1	19,726	0	0
BOOT BARN HOLDINGS INC	COM	099406100	902	20,262	SH	SOLE	1	20,262	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	227	3,197	SH	SOLE	1	3,197	0	0
BORGWARNER INC	COM	099724106	3,016	69,523	SH	SOLE	1	69,523	0	0
BOSTON BEER COMPANY INC A	COM	100557107	8,643	22,875	SH	SOLE	1	22,875	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	138	6,566	SH	SOLE	1	6,566	0	0
BOSTON PRIVATE FINL HOLDING	COM	101119105	721	59,919	SH	SOLE	1	59,919	0	0
BOSTON PROPERTIES INC	COM	101121101	6,796	49,297	SH	SOLE	1	49,297	0	0

BOSTON SCIENTIFIC CORP	COM	101137107	20,650	456,651	SH	SOLE	1	456,651	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	1,650	30,775	SH	SOLE	1	30,775	0	0
BOX INC CLASS A	COM	10316T104	1,506	89,739	SH	SOLE	1	89,739	0	0
BOYD GAMING CORP	COM	103304101	6,098	203,685	SH	SOLE	1	203,685	0	0
BRADY CORPORATION CL A	CL A	104674106	1,987	34,697	SH	SOLE	1	34,697	0	0
BRAEMAR HOTELS & RESORTS INC	COM	10482B101	168	18,809	SH	SOLE	1	18,809	0	0
BRANDYWINE REALTY TRUST	COM	105368203	43	2,731	SH	SOLE	1	2,731	0	0
BRIDGE BANCORP INC	COM	108035106	342	10,210	SH	SOLE	1	10,210	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	496	14,148	SH	SOLE	1	14,148	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	235,895	6,730,244	SH	SOLE	2	6,730,244	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	193	13,999	SH	SOLE	1	13,999	0	0
BRIDGFORD FOODS CORP	COM	108763103	27	1,084	SH	SOLE	1	1,084	0	0
BRIGGS & STRATTON	COM	109043109	199	29,854	SH	SOLE	1	29,854	0	0
BRIGHAM MINERALS INC CL A	CL A	10918L103	216	10,075	SH	SOLE	1	10,075	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	203	1,348	SH	SOLE	1	1,348	0	0
BRIGHTCOVE	COM	10921T101	212	24,341	SH	SOLE	1	24,341	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	8,274	210,908	SH	SOLE	1	210,908	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	421	41,168	SH	SOLE	1	41,168	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	330	19,539	SH	SOLE	1	19,539	0	0
BRINK S CO/THE	COM	109696104	11,519	127,024	SH	SOLE	1	127,024	0	0
BRINKER INTERNATIONAL INC	COM	109641100	3,988	94,942	SH	SOLE	1	94,942	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	418,089	6,513,304	SH	SOLE	1	6,513,304	0	0
BRISTOL MYERS SQUIBB CO	RIGHT 99/99/9999	110122157	90	29,832	SH	SOLE	1	29,832	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	12,421	574,803	SH	SOLE	1	574,803	0	0
BROADCOM INC	COM	11135F101	55,129	174,447	SH	SOLE	1	174,447	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	4,987	40,365	SH	SOLE	1	40,365	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	840	115,592	SH	SOLE	1	115,592	0	0
BROOKFIELD PROPERTY REIT I A	COM	11282X103	32	1,726	SH	SOLE	1	1,726	0	0
BROOKLINE BANCORP INC	COM	11373M107	934	56,757	SH	SOLE	1	56,757	0	0
BROOKS AUTOMATION INC	COM	114340102	2,156	51,379	SH	SOLE	1	51,379	0	0
BROWN & BROWN INC	COM	115236101	17,823	451,446	SH	SOLE	1	451,446	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	65	1,039	SH	SOLE	1	1,039	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	4,358	64,473	SH	SOLE	1	64,473	0	0
BRP GROUP INC A	COM CL A	05589G102	151	9,427	SH	SOLE	1	9,427	0	0
BRT APARTMENTS CORP	COM	055645303	105	6,171	SH	SOLE	1	6,171	0	0
BRUKER CORP	COM	116794108	122	2,391	SH	SOLE	1	2,391	0	0
BRUNSWICK CORP	COM	117043109	9,446	157,488	SH	SOLE	1	157,488	0	0
BRYN MAWR BANK CORP	COM	117665109	514	12,457	SH	SOLE	1	12,457	0	0
BUCKLE INC/THE	COM	118440106	563	20,829	SH	SOLE	1	20,829	0	0

BUILDERS FIRSTSOURCE INC	COM	12008R107	1,814	71,385	SH	SOLE	1	71,385	0	0
BUNGE LTD	COM	G16962105	124	2,159	SH	SOLE	1	2,159	0	0
BURLINGTON STORES INC	COM	122017106	350	1,533	SH	SOLE	1	1,533	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	195	7,814	SH	SOLE	1	7,814	0	0
BWX TECHNOLOGIES INC	COM	05605H100	127	2,039	SH	SOLE	1	2,039	0	0
BYLINE BANCORP INC	COM	124411109	286	14,589	SH	SOLE	1	14,589	0	0
C & F FINANCIAL CORP	COM	12466Q104	113	2,036	SH	SOLE	1	2,036	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	14,399	184,128	SH	SOLE	1	184,128	0	0
CABALETTA BIO INC	COM	12674W109	57	4,081	SH	SOLE	1	4,081	0	0
CABLE ONE INC	COM	12685J105	14,474	9,724	SH	SOLE	1	9,724	0	0
CABOT CORP	COM	127055101	5,226	109,975	SH	SOLE	1	109,975	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	10,661	73,874	SH	SOLE	1	73,874	0	0
CABOT OIL & GAS CORP	COM	127097103	2,879	165,389	SH	SOLE	1	165,389	0	0
CACI INTERNATIONAL INC CL A	CL A	127190304	12,080	48,322	SH	SOLE	1	48,322	0	0
CACTUS INC A	COM	127203107	1,012	29,486	SH	SOLE	1	29,486	0	0
CADENCE BANCORP	COM	12739A100	1,648	90,914	SH	SOLE	1	90,914	0	0
CADENCE DESIGN SYS INC	COM	127387108	8,178	117,910	SH	SOLE	1	117,910	0	0
CADIZ INC	COM	127537207	91	8,235	SH	SOLE	1	8,235	0	0
CAESARS ENTERTAINMENT CORP	COM	127686103	14,652	1,077,336	SH	SOLE	1	1,077,336	0	0
CAESARSTONE LTD	COM	M20598104	213	14,119	SH	SOLE	1	14,119	0	0
CAI INTERNATIONAL INC	COM	12477X106	298	10,284	SH	SOLE	1	10,284	0	0
CAL MAINE FOODS INC	COM	128030202	968	22,632	SH	SOLE	1	22,632	0	0
CALAMP CORP	COM	128126109	230	24,055	SH	SOLE	1	24,055	0	0
CALAVO GROWERS INC	COM	128246105	1,062	11,718	SH	SOLE	1	11,718	0	0
CALERES INC	COM	129500104	679	28,581	SH	SOLE	1	28,581	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q206	273	30,271	SH	SOLE	1	30,271	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,790	34,720	SH	SOLE	1	34,720	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	169	29,545	SH	SOLE	1	29,545	0	0
CALIX INC	COM	13100M509	234	29,258	SH	SOLE	1	29,258	0	0
CALLAWAY GOLF COMPANY	COM	131193104	1,432	67,557	SH	SOLE	1	67,557	0	0
CALLON PETROLEUM CO	COM	13123X102	1,343	278,124	SH	SOLE	1	278,124	0	0
CALYXT INC	COM	13173L107	41	5,839	SH	SOLE	1	5,839	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	24	2,716	SH	SOLE	1	2,716	0	0
CAMBRIDGE BANCORP	COM	132152109	215	2,686	SH	SOLE	1	2,686	0	0
CAMDEN NATIONAL CORP	COM	133034108	433	9,402	SH	SOLE	1	9,402	0	0
CAMDEN PROPERTY TRUST	COM	133131102	19,969	188,205	SH	SOLE	1	188,205	0	0
CAMPBELL SOUP CO	COM	134429109	4,386	88,754	SH	SOLE	1	88,754	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	304	20,619	SH	SOLE	1	20,619	0	0
CANNAE HOLDINGS INC	COM	13765N107	1,574	42,330	SH	SOLE	1	42,330	0	0
CANTEL MEDICAL CORP	COM	138098108	5,138	72,467	SH	SOLE	1	72,467	0	0
CAPITAL BANCORP INC/MD	COM	139737100	74	4,980	SH	SOLE	1	4,980	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	257	8,412	SH	SOLE	1	8,412	0	0

CAPITAL ONE FINANCIAL CORP	COM	14040H105	15,386	149,505	SH	SOLE	1	149,505	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	1,136	82,711	SH	SOLE	1	82,711	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	2,179	57,109	SH	SOLE	1	57,109	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	152	9,143	SH	SOLE	1	9,143	0	0
CAPSTEAD MORTGAGE CORP	COM	14067E506	536	67,627	SH	SOLE	1	67,627	0	0
CARA THERAPEUTICS INC	COM	140755109	402	24,934	SH	SOLE	1	24,934	0	0
CARDINAL HEALTH INC	COM	14149Y108	290,813	5,749,561	SH	SOLE	1	5,749,561	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	1,215	24,998	SH	SOLE	1	24,998	0	0
CARDLYTICS INC	COM	14161W105	563	8,964	SH	SOLE	1	8,964	0	0
CARDTRONICS PLC A	COM	G1991C105	1,183	26,492	SH	SOLE	1	26,492	0	0
CARE.COM INC	COM	141633107	248	16,484	SH	SOLE	1	16,484	0	0
CAREDX INC	COM	14167L103	555	25,751	SH	SOLE	1	25,751	0	0
CARETRUST REIT INC	COM	14174T107	1,570	76,084	SH	SOLE	1	76,084	0	0
CARGURUS INC	COM	141788109	1,652	46,951	SH	SOLE	1	46,951	0	0
CARLISLE COS INC	COM	142339100	17,761	109,745	SH	SOLE	1	109,745	0	0
CARMAX INC	COM	143130102	5,401	61,604	SH	SOLE	1	61,604	0	0
CARNIVAL CORP	COM	143658300	6,950	136,729	SH	SOLE	1	136,729	0	0
CAROLINA FINANCIAL CORP	COM	143873107	567	13,107	SH	SOLE	1	13,107	0	0
CARPENTER TECHNOLOGY	COM	144285103	6,016	120,846	SH	SOLE	1	120,846	0	0
CARRIAGE SERVICES INC	COM	143905107	263	10,286	SH	SOLE	1	10,286	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	154	21,864	SH	SOLE	1	21,864	0	0
CARS.COM INC	COM	14575E105	513	42,010	SH	SOLE	1	42,010	0	0
CARTER BANK & TRUST	COM	146102108	336	14,181	SH	SOLE	1	14,181	0	0
CARTER S INC	COM	146229109	9,333	85,360	SH	SOLE	1	85,360	0	0
CARVANA CO	COM	146869102	96	1,045	SH	SOLE	1	1,045	0	0
CASA SYSTEMS INC	COM	14713L102	81	19,823	SH	SOLE	1	19,823	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	1,322	28,716	SH	SOLE	1	28,716	0	0
CASEY S GENERAL STORES INC	COM	147528103	11,297	71,057	SH	SOLE	1	71,057	0	0
CASI PHARMACEUTICALS INC	COM	14757U109	98	31,576	SH	SOLE	1	31,576	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	509	8,819	SH	SOLE	1	8,819	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	82	2,372	SH	SOLE	1	2,372	0	0
CASTLIGHT HEALTH INC B	COM	14862Q100	85	63,828	SH	SOLE	1	63,828	0	0
CATALENT INC	COM	148806102	15,896	282,346	SH	SOLE	1	282,346	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	227	60,405	SH	SOLE	1	60,405	0	0
CATASYS INC	COM	149049504	74	4,514	SH	SOLE	1	4,514	0	0
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	352	30,704	SH	SOLE	1	30,704	0	0
CATERPILLAR INC	COM	149123101	370,718	2,510,280	SH	SOLE	1	2,510,280	0	0
CATHAY GENERAL BANCORP	COM	149150104	7,343	192,980	SH	SOLE	1	192,980	0	0
CATO CORP CLASS A	COM	149205106	278	15,970	SH	SOLE	1	15,970	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,215	6,217	SH	SOLE	1	6,217	0	0
CBDMD INC	COM	12482W101	15	6,444	SH	SOLE	1	6,444	0	0
CBIZ INC	COM	124805102	866	32,131	SH	SOLE	1	32,131	0	0
CBL & ASSOCIATES	COM	124830100	129	122,796	SH	SOLE	1	122,796	0	0

PROPERTIES										
CBOE GLOBAL MARKETS INC	COM	12503M108	5,051	42,095	SH	SOLE	1	42,095	0	0
CBRE GROUP INC A	COM	12504L109	7,197	117,420	SH	SOLE	1	117,420	0	0
CBTX INC	COM	12481V104	351	11,272	SH	SOLE	1	11,272	0	0
CDK GLOBAL INC	COM	12508E101	12,863	235,238	SH	SOLE	1	235,238	0	0
CDW CORP/DE	COM	12514G108	8,632	60,429	SH	SOLE	1	60,429	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	147	19,241	SH	SOLE	1	19,241	0	0
CEDAR REALTY TRUST INC	COM	150602209	183	61,941	SH	SOLE	1	61,941	0	0
CEL SCI CORP	COM	150837607	156	17,044	SH	SOLE	1	17,044	0	0
CELANESE CORP	COM	150870103	5,182	42,093	SH	SOLE	1	42,093	0	0
CELCUITY INC	COM	15102K100	39	3,684	SH	SOLE	1	3,684	0	0
CELLULAR BIOMEDICINE GROUP I	COM	15117P102	123	7,577	SH	SOLE	1	7,577	0	0
CELSIUS HOLDINGS INC	COM	15118V207	87	18,024	SH	SOLE	1	18,024	0	0
CENTENE CORP	COM	15135B101	11,568	183,998	SH	SOLE	1	183,998	0	0
CENTENNIAL RESOURCE DEVELO A	COM	15136A102	13	2,865	SH	SOLE	1	2,865	0	0
CENTERPOINT ENERGY INC	COM	15189T107	5,531	202,835	SH	SOLE	1	202,835	0	0
CENTERSTATE BANK CORP	COM	15201P109	1,886	75,508	SH	SOLE	1	75,508	0	0
CENTOGENE NV	COM	N1976T109	12	1,173	SH	SOLE	1	1,173	0	0
CENTRAL EUROPEAN MEDIA ENT A	COM	G20045202	252	55,531	SH	SOLE	1	55,531	0	0
CENTRAL GARDEN & PET CO	COM	153527106	233	7,498	SH	SOLE	1	7,498	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	885	30,160	SH	SOLE	1	30,160	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	597	20,195	SH	SOLE	1	20,195	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	153	7,051	SH	SOLE	1	7,051	0	0
CENTRIC BRANDS INC	COM	15644G104	23	10,461	SH	SOLE	1	10,461	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	272	36,219	SH	SOLE	1	36,219	0	0
CENTURY BANCORP INC CL A	CL A	156432106	160	1,776	SH	SOLE	1	1,776	0	0
CENTURY CASINOS INC	COM	156492100	135	17,066	SH	SOLE	1	17,066	0	0
CENTURY COMMUNITIES INC	COM	156504300	535	19,560	SH	SOLE	1	19,560	0	0
CENTURYLINK INC	COM	156700106	269,576	20,406,991	SH	SOLE	1	20,406,991	0	0
CERECOR INC	COM	15671L109	75	13,860	SH	SOLE	1	13,860	0	0
CERENCE INC	COM	156727109	13	560	SH	SOLE	1	560	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	13,232	194,932	SH	SOLE	1	194,932	0	0
CERNER CORP	COM	156782104	10,647	145,072	SH	SOLE	1	145,072	0	0
CERUS CORP	COM	157085101	371	87,928	SH	SOLE	1	87,928	0	0
CEVA INC	COM	157210105	423	15,707	SH	SOLE	1	15,707	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	3,634	76,122	SH	SOLE	1	76,122	0	0
CHANGE HEALTHCARE INC	COM	15912K100	16	953	SH	SOLE	1	953	0	0
CHANNELADVISOR CORP	COM	159179100	151	16,718	SH	SOLE	1	16,718	0	0
CHAPARRAL ENERGY INC CLASS A	COM	15942R208	34	19,452	SH	SOLE	1	19,452	0	0
CHARAH SOLUTIONS INC	COM	15957P105	14	5,829	SH	SOLE	1	5,829	0	0
CHARLES RIVER LABORATORIES	COM	159864107	14,454	94,619	SH	SOLE	1	94,619	0	0
CHART INDUSTRIES INC	COM	16115Q308	1,754	25,989	SH	SOLE	1	25,989	0	0

CHARTER COMMUNICATIONS INC A	COM	16119P108	32,012	65,994	SH	SOLE	1	65,994	0	0
CHASE CORP	COM	16150R104	543	4,583	SH	SOLE	1	4,583	0	0
CHATHAM LODGING TRUST	COM	16208T102	610	33,238	SH	SOLE	1	33,238	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	3,201	28,846	SH	SOLE	1	28,846	0	0
CHECKPOINT THERAPEUTICS INC	COM	162828107	26	15,321	SH	SOLE	1	15,321	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	4,067	104,655	SH	SOLE	1	104,655	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	676	17,741	SH	SOLE	1	17,741	0	0
CHEGG INC	COM	163092109	2,811	74,157	SH	SOLE	1	74,157	0	0
CHEMED CORP	COM	16359R103	13,621	31,010	SH	SOLE	1	31,010	0	0
CHEMOCENTRYX INC	COM	16383L106	1,009	25,512	SH	SOLE	1	25,512	0	0
CHEMOURS CO/THE	COM	163851108	5,708	315,542	SH	SOLE	1	315,542	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	94	2,223	SH	SOLE	1	2,223	0	0
CHENIERE ENERGY INC	COM	16411R208	287	4,693	SH	SOLE	1	4,693	0	0
CHERRY HILL MORTGAGE INVESTM	COM	164651101	143	9,822	SH	SOLE	1	9,822	0	0
CHESAPEAKE ENERGY CORP	COM	165167107	1,870	2,264,885	SH	SOLE	1	2,264,885	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	959	10,006	SH	SOLE	1	10,006	0	0
CHEVRON CORP	COM	166764100	392,921	3,260,483	SH	SOLE	1	3,260,483	0	0
CHIASMA INC	COM	16706W102	106	21,451	SH	SOLE	1	21,451	0	0
CHICO S FAS INC	COM	168615102	322	84,471	SH	SOLE	1	84,471	0	0
CHILDREN S PLACE INC/THE	COM	168905107	687	10,984	SH	SOLE	1	10,984	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	60	2,919	SH	SOLE	1	2,919	0	0
CHIMERIX INC	COM	16934W106	61	30,018	SH	SOLE	1	30,018	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	8,425	10,064	SH	SOLE	1	10,064	0	0
CHOICE HOTELS INTL INC	COM	169905106	6,356	61,448	SH	SOLE	1	61,448	0	0
CHROMADEX CORP	COM	171077407	111	25,688	SH	SOLE	1	25,688	0	0
CHUBB LTD	COM	H1467J104	28,054	180,224	SH	SOLE	1	180,224	0	0
CHURCH & DWIGHT CO INC	COM	171340102	6,052	86,036	SH	SOLE	1	86,036	0	0
CHURCHILL DOWNS INC	COM	171484108	12,330	89,871	SH	SOLE	1	89,871	0	0
CHUY S HOLDINGS INC	COM	171604101	310	11,979	SH	SOLE	1	11,979	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	39	2,591	SH	SOLE	1	2,591	0	0
CIENA CORP	COM	171779309	12,745	298,555	SH	SOLE	1	298,555	0	0
CIGNA CORP	COM	125523100	24,513	119,876	SH	SOLE	1	119,876	0	0
CIM COMMERCIAL TRUST CORP	COM	125525584	12	841	SH	SOLE	1	841	0	0
CIMAREX ENERGY CO	COM	171798101	1,830	34,867	SH	SOLE	1	34,867	0	0
CIMPRESS PLC	SHS EURO	G2143T103	1,569	12,473	SH	SOLE	1	12,473	0	0
CINCINNATI BELL INC	COM	171871502	376	35,893	SH	SOLE	1	35,893	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	5,462	51,945	SH	SOLE	1	51,945	0	0
CINEMARK HOLDINGS INC	COM	17243V102	7,596	224,396	SH	SOLE	1	224,396	0	0
CINTAS CORP	COM	172908105	10,184	37,849	SH	SOLE	1	37,849	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	654	14,133	SH	SOLE	1	14,133	0	0
CIRRUS LOGIC INC	COM	172755100	12,125	147,132	SH	SOLE	1	147,132	0	0
CISCO SYSTEMS INC	COM	17275R102	396,653	8,270,497	SH	SOLE	1	8,270,497	0	0
CISION LTD	COM	G1992S109	572	57,340	SH	SOLE	1	57,340	0	0

CIT GROUP INC	COM	125581801	71	1,547	SH	SOLE	1	1,547	0	0
CITI TRENDS INC	COM	17306X102	161	6,980	SH	SOLE	1	6,980	0	0
CITIGROUP INC	COM	172967424	55,990	700,844	SH	SOLE	1	700,844	0	0
CITIZENS & NORTHERN CORP	COM	172922106	212	7,511	SH	SOLE	1	7,511	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	8,282	203,948	SH	SOLE	1	203,948	0	0
CITIZENS INC	COM	174740100	209	30,977	SH	SOLE	1	30,977	0	0
CITRIX SYSTEMS INC	COM	177376100	5,994	54,051	SH	SOLE	1	54,051	0	0
CITY HOLDING CO	COM	177835105	944	11,524	SH	SOLE	1	11,524	0	0
CITY OFFICE REIT INC	COM	178587101	452	33,410	SH	SOLE	1	33,410	0	0
CIVISTA BANCSHARES INC	COM	178867107	231	9,605	SH	SOLE	1	9,605	0	0
CLARUS CORP	COM	18270P109	199	14,674	SH	SOLE	1	14,674	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	197	84,127	SH	SOLE	1	84,127	0	0
CLEAN HARBORS INC	COM	184496107	8,497	99,094	SH	SOLE	1	99,094	0	0
CLEAR CHANNEL OUTDOOR HOLDIN	COM	18453H106	88	30,598	SH	SOLE	1	30,598	0	0
CLEARFIELD INC	COM	18482P103	98	7,013	SH	SOLE	1	7,013	0	0
CLEARWATER PAPER CORP	COM	18538R103	248	11,593	SH	SOLE	1	11,593	0	0
CLEARWAY ENERGY INC A	COM	18539C105	417	21,829	SH	SOLE	1	21,829	0	0
CLEARWAY ENERGY INC C	COM	18539C204	921	46,185	SH	SOLE	1	46,185	0	0
CLEVELAND CLIFFS INC	COM	185899101	1,631	194,221	SH	SOLE	1	194,221	0	0
CLIPPER REALTY INC	COM	18885T306	249	23,489	SH	SOLE	1	23,489	0	0
CLOROX COMPANY	COM	189054109	19,549	127,324	SH	SOLE	1	127,324	0	0
CLOUDERA INC	COM	18914U100	1,754	150,781	SH	SOLE	1	150,781	0	0
CLOVIS ONCOLOGY INC	COM	189464100	329	31,528	SH	SOLE	1	31,528	0	0
CME GROUP INC	COM	12572Q105	28,870	143,833	SH	SOLE	1	143,833	0	0
CMS ENERGY CORP	COM	125896100	7,918	125,995	SH	SOLE	1	125,995	0	0
CNA FINANCIAL CORP	COM	126117100	20	442	SH	SOLE	1	442	0	0
CNB FINANCIAL CORP/PA	COM	126128107	297	9,092	SH	SOLE	1	9,092	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	6,963	384,062	SH	SOLE	1	384,062	0	0
CNX RESOURCES CORP	COM	12653C108	4,194	473,933	SH	SOLE	1	473,933	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	80	4,860	SH	SOLE	1	4,860	0	0
COCA COLA CO/THE	COM	191216100	69,521	1,256,022	SH	SOLE	1	1,256,022	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	962	3,388	SH	SOLE	1	3,388	0	0
COCA COLA EUROPEAN PARTNERS	COM	G25839104	1,674	32,897	SH	SOLE	1	32,897	0	0
CODA OCTOPUS GROUP INC	COM	19188U206	24	2,901	SH	SOLE	1	2,901	0	0
CODEXIS INC	COM	192005106	529	33,105	SH	SOLE	1	33,105	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	136	5,904	SH	SOLE	1	5,904	0	0
COEUR MINING INC	COM	192108504	1,205	149,178	SH	SOLE	1	149,178	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	2,012	30,567	SH	SOLE	1	30,567	0	0
COGNEX CORP	COM	192422103	18,548	330,983	SH	SOLE	1	330,983	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	13,100	211,230	SH	SOLE	1	211,230	0	0
COHEN & STEERS INC	COM	19247A100	895	14,265	SH	SOLE	1	14,265	0	0
COHERENT INC	COM	192479103	7,753	46,609	SH	SOLE	1	46,609	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	706	39,184	SH	SOLE	1	39,184	0	0
COHU INC	COM	192576106	666	29,166	SH	SOLE	1	29,166	0	0

COLFAX CORP	COM	194014106	5,875	161,499	SH	SOLE	1	161,499	0	0
COLGATE PALMOLIVE CO	COM	194162103	23,580	342,539	SH	SOLE	1	342,539	0	0
COLLECTORS UNIVERSE	COM	19421R200	130	5,622	SH	SOLE	1	5,622	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	414	20,125	SH	SOLE	1	20,125	0	0
COLONY BANKCORP	COM	19623P101	77	4,651	SH	SOLE	1	4,651	0	0
COLONY CAPITAL INC	COM	19626G108	37	7,694	SH	SOLE	1	7,694	0	0
COLONY CREDIT REAL ESTATE IN	COM	19625T101	667	50,665	SH	SOLE	1	50,665	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	2,118	52,063	SH	SOLE	1	52,063	0	0
COLUMBIA FINANCIAL INC	COM	197641103	553	32,644	SH	SOLE	1	32,644	0	0
COLUMBIA PROPERTY TRUST INC	COM NEW	198287203	189	9,019	SH	SOLE	1	9,019	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	5,631	56,203	SH	SOLE	1	56,203	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	578	14,430	SH	SOLE	1	14,430	0	0
COMCAST CORP CLASS A	COM	20030N101	90,457	2,011,494	SH	SOLE	1	2,011,494	0	0
COMERICA INC	COM	200340107	4,843	67,494	SH	SOLE	1	67,494	0	0
COMFORT SYSTEMS USA INC	COM	199908104	1,311	26,295	SH	SOLE	1	26,295	0	0
COMMERCE BANCSHARES INC	COM	200525103	13,599	200,166	SH	SOLE	1	200,166	0	0
COMMERCIAL METALS CO	COM	201723103	6,703	300,975	SH	SOLE	1	300,975	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	121	19,019	SH	SOLE	1	19,019	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	42	2,993	SH	SOLE	1	2,993	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	2,611	36,801	SH	SOLE	1	36,801	0	0
COMMUNITY BANKERS TRUST CORP	COM	203612106	120	13,529	SH	SOLE	1	13,529	0	0
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	109	3,065	SH	SOLE	1	3,065	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	189	65,245	SH	SOLE	1	65,245	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	593	13,833	SH	SOLE	1	13,833	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	452	9,686	SH	SOLE	1	9,686	0	0
COMMVAULT SYSTEMS INC	COM	204166102	4,738	106,149	SH	SOLE	1	106,149	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	5,257	86,229	SH	SOLE	1	86,229	0	0
COMPUTER PROGRAMS & SYSTEMS	COM	205306103	242	9,151	SH	SOLE	1	9,151	0	0
COMPX INTERNATIONAL INC	COM	20563P101	15	1,034	SH	SOLE	1	1,034	0	0
COMSCORE INC	COM	20564W105	151	30,660	SH	SOLE	1	30,660	0	0
COMSTOCK RESOURCES INC	COM	205768302	80	9,700	SH	SOLE	1	9,700	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	610	17,195	SH	SOLE	1	17,195	0	0
CONAGRA BRANDS INC	COM	205887102	5,608	163,792	SH	SOLE	1	163,792	0	0
CONCERT PHARMACEUTICALS INC	COM	206022105	124	13,490	SH	SOLE	1	13,490	0	0
CONCHO RESOURCES INC	COM	20605P101	6,926	79,092	SH	SOLE	1	79,092	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	55	10,069	SH	SOLE	1	10,069	0	0
CONDUENT INC	COM	206787103	672	108,381	SH	SOLE	1	108,381	0	0

CONFORMIS INC	COM	20717E101	61	40,478	SH	SOLE	1	40,478	0	0
CONMED CORP	COM	207410101	2,212	19,780	SH	SOLE	1	19,780	0	0
CONN S INC	COM	208242107	163	13,130	SH	SOLE	1	13,130	0	0
CONNECTONE BANCORP INC	COM	20786W107	534	20,744	SH	SOLE	1	20,744	0	0
CONOCOPHILLIPS	COM	20825C104	27,377	420,985	SH	SOLE	1	420,985	0	0
CONS TOMOKA LAND CO FLORIDA	COM	210226106	185	3,063	SH	SOLE	1	3,063	0	0
CONSOL ENERGY INC	COM	20854L108	270	18,639	SH	SOLE	1	18,639	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	198	51,052	SH	SOLE	1	51,052	0	0
CONSOLIDATED EDISON INC	COM	209115104	16,238	179,488	SH	SOLE	1	179,488	0	0
CONSOLIDATED WATER CO ORD SH	COM	G23773107	147	9,033	SH	SOLE	1	9,033	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	10,203	53,770	SH	SOLE	1	53,770	0	0
CONSTELLATION PHARMACEUTICAL	COM	210373106	456	9,679	SH	SOLE	1	9,679	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	186	11,020	SH	SOLE	1	11,020	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	42	9,961	SH	SOLE	1	9,961	0	0
CONTINENTAL BUILDING PRODUCT	COM	211171103	794	21,794	SH	SOLE	1	21,794	0	0
CONTINENTAL RESOURCES INC/OK	COM	212015101	47	1,362	SH	SOLE	1	1,362	0	0
CONTURA ENERGY INC	COM	21241B100	103	11,352	SH	SOLE	1	11,352	0	0
COOPER COS INC/THE	COM	216648402	5,814	18,095	SH	SOLE	1	18,095	0	0
COOPER STANDARD HOLDING	COM	21676P103	402	12,114	SH	SOLE	1	12,114	0	0
COOPER TIRE & RUBBER	COM	216831107	1,044	36,298	SH	SOLE	1	36,298	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	53	492	SH	SOLE	1	492	0	0
COPART INC	COM	217204106	7,970	87,642	SH	SOLE	1	87,642	0	0
CORBUS PHARMACEUTICALS HOLDI	COM	21833P103	203	37,171	SH	SOLE	1	37,171	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	845	69,809	SH	SOLE	1	69,809	0	0
CORE LABORATORIES N.V.	COM	N22717107	3,200	84,945	SH	SOLE	1	84,945	0	0
CORE MARK HOLDING CO INC	COM	218681104	890	32,737	SH	SOLE	1	32,737	0	0
CORECIVIC INC	COM	21871N101	5,259	302,599	SH	SOLE	1	302,599	0	0
CORELOGIC INC	COM	21871D103	6,710	153,515	SH	SOLE	1	153,515	0	0
COREENERGY INFRASTRUCTURE TRU	COM	21870U502	360	8,058	SH	SOLE	1	8,058	0	0
COREPOINT LODGING INC	COM	21872L104	267	25,045	SH	SOLE	1	25,045	0	0
CORESITE REALTY CORP	COM	21870Q105	8,323	74,237	SH	SOLE	1	74,237	0	0
CORMEDIX INC	COM	21900C308	116	15,903	SH	SOLE	1	15,903	0	0
CORNERSTONE BUILDING BRANDS	COM	21925D109	245	28,796	SH	SOLE	1	28,796	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	2,089	35,679	SH	SOLE	1	35,679	0	0
CORNING INC	COM	219350105	8,025	275,663	SH	SOLE	1	275,663	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	6,354	216,263	SH	SOLE	1	216,263	0	0
CORTEVA INC	COM	22052L104	7,450	252,024	SH	SOLE	1	252,024	0	0
CORTEXYME INC	COM	22053A107	400	7,126	SH	SOLE	1	7,126	0	0
CORVEL CORP	COM	221006109	559	6,395	SH	SOLE	1	6,395	0	0
COSTAMARE INC	COM	Y1771G102	308	32,346	SH	SOLE	1	32,346	0	0

COSTAR GROUP INC	COM	22160N109	1,924	3,216	SH	SOLE	1	3,216	0	0
COSTCO WHOLESALE CORP	COM	22160K105	50,948	173,341	SH	SOLE	1	173,341	0	0
COTY INC CL A	CL A	222070203	1,361	120,956	SH	SOLE	1	120,956	0	0
COUPA SOFTWARE INC	COM	22266L106	210	1,434	SH	SOLE	1	1,434	0	0
COUSINS PROPERTIES INC	COM	222795502	11,669	283,222	SH	SOLE	1	283,222	0	0
COVANTA HOLDING CORP	COM	22282E102	1,097	73,902	SH	SOLE	1	73,902	0	0
COVENANT TRANSPORT GRP CL A	CL A	22284P105	102	7,898	SH	SOLE	1	7,898	0	0
COVETRUS INC	COM	22304C100	143	10,868	SH	SOLE	1	10,868	0	0
COVIA HOLDINGS CORP	COM	22305A103	53	26,049	SH	SOLE	1	26,049	0	0
COWEN INC A	COM	223622606	278	17,672	SH	SOLE	1	17,672	0	0
CRA INTERNATIONAL INC	COM	12618T105	257	4,721	SH	SOLE	1	4,721	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	9,395	61,111	SH	SOLE	1	61,111	0	0
CRAFT BREW ALLIANCE INC	COM	224122101	120	7,263	SH	SOLE	1	7,263	0	0
CRANE CO	COM	224399105	8,498	98,379	SH	SOLE	1	98,379	0	0
CRAWFORD & COMPANY CL A	CL A	224633206	117	10,195	SH	SOLE	1	10,195	0	0
CREDICORP LTD	COM	G2519Y108	206	966	SH	SOLE	1	966	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	105	237	SH	SOLE	1	237	0	0
CREE INC	COM	225447101	9,594	207,895	SH	SOLE	1	207,895	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	173	6,914	SH	SOLE	1	6,914	0	0
CROCS INC	COM	227046109	2,086	49,791	SH	SOLE	1	49,791	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	301	25,911	SH	SOLE	1	25,911	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	61	4,229	SH	SOLE	1	4,229	0	0
CROWN CASTLE INTL CORP	COM	22822V101	22,627	159,175	SH	SOLE	1	159,175	0	0
CROWN HOLDINGS INC	COM	228368106	190	2,624	SH	SOLE	1	2,624	0	0
CRYOLIFE INC	COM	228903100	716	26,424	SH	SOLE	1	26,424	0	0
CRYOPORT INC	COM	229050307	325	19,735	SH	SOLE	1	19,735	0	0
CSG SYSTEMS INTL INC	COM	126349109	1,230	23,757	SH	SOLE	1	23,757	0	0
CSW INDUSTRIALS INC	COM	126402106	717	9,309	SH	SOLE	1	9,309	0	0
CSX CORP	COM	126408103	24,741	341,915	SH	SOLE	1	341,915	0	0
CTS CORP	COM	126501105	705	23,477	SH	SOLE	1	23,477	0	0
CUBESMART	COM	229663109	246	7,830	SH	SOLE	1	7,830	0	0
CUBIC CORP	COM	229669106	1,435	22,579	SH	SOLE	1	22,579	0	0
CUE BIOPHARMA INC	COM	22978P106	198	12,500	SH	SOLE	1	12,500	0	0
CULLEN/FROST BANKERS INC	COM	229899109	10,743	109,871	SH	SOLE	1	109,871	0	0
CULP INC	COM	230215105	94	6,903	SH	SOLE	1	6,903	0	0
CUMMINS INC	COM	231021106	309,252	1,728,050	SH	SOLE	1	1,728,050	0	0
CUMULUS MEDIA INC CL A	CL A	231082801	158	9,009	SH	SOLE	1	9,009	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	119	9,733	SH	SOLE	1	9,733	0	0
CURTISS WRIGHT CORP	COM	231561101	11,607	82,384	SH	SOLE	1	82,384	0	0
CUSHMAN & WAKEFIELD PLC	COM	G2717B108	1,442	70,563	SH	SOLE	1	70,563	0	0
CUSTOMERS BANCORP INC	COM	23204G100	489	20,521	SH	SOLE	1	20,521	0	0
CUTERA INC	COM	232109108	363	10,144	SH	SOLE	1	10,144	0	0
CVB FINANCIAL CORP	COM	126600105	2,080	96,384	SH	SOLE	1	96,384	0	0
CVR ENERGY INC	COM	12662P108	749	18,529	SH	SOLE	1	18,529	0	0
CVS HEALTH CORP	COM	126650100	47,168	634,914	SH	SOLE	1	634,914	0	0

CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	492	4,222	SH	SOLE	1	4,222	0	0
CYCLERION THERAPEUTICS INC	COM	23255M105	40	14,786	SH	SOLE	1	14,786	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	85	43,133	SH	SOLE	1	43,133	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	16,628	712,744	SH	SOLE	1	712,744	0	0
CYRUSONE INC	COM	23283R100	14,448	220,816	SH	SOLE	1	220,816	0	0
CYTOKINETICS INC	COM	23282W605	430	40,524	SH	SOLE	1	40,524	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	234	28,195	SH	SOLE	1	28,195	0	0
CYTOSORBENTS CORP	COM	23283X206	74	19,171	SH	SOLE	1	19,171	0	0
DAILY JOURNAL CORP	COM	233912104	206	710	SH	SOLE	1	710	0	0
DAKTRONICS INC	COM	234264109	162	26,537	SH	SOLE	1	26,537	0	0
DANA INC	COM	235825205	6,661	365,984	SH	SOLE	1	365,984	0	0
DANAHER CORP	COM	235851102	37,525	244,494	SH	SOLE	1	244,494	0	0
DARDEN RESTAURANTS INC	COM	237194105	5,245	48,114	SH	SOLE	1	48,114	0	0
DARLING INGREDIENTS INC	COM	237266101	3,329	118,545	SH	SOLE	1	118,545	0	0
DASAN ZHONE SOLUTIONS INC	COM	23305L206	44	4,928	SH	SOLE	1	4,928	0	0
DASEKE INC	COM	23753F107	90	28,632	SH	SOLE	1	28,632	0	0
DAVE & BUSTER S ENTERTAINMEN	COM	238337109	895	22,282	SH	SOLE	1	22,282	0	0
DAVITA INC	COM	23918K108	2,304	30,710	SH	SOLE	1	30,710	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	769	12,361	SH	SOLE	1	12,361	0	0
DECKERS OUTDOOR CORP	COM	243537107	12,014	71,149	SH	SOLE	1	71,149	0	0
DEERE & CO	COM	244199105	20,600	118,897	SH	SOLE	1	118,897	0	0
DEL TACO RESTAURANTS INC	COM	245496104	143	18,073	SH	SOLE	1	18,073	0	0
DELEK US HOLDINGS INC	COM	24665A103	1,554	46,347	SH	SOLE	1	46,347	0	0
DELPHI TECHNOLOGIES PLC	COM	G2709G107	2,114	164,763	SH	SOLE	1	164,763	0	0
DELTA AIR LINES INC	COM	247361702	16,387	280,208	SH	SOLE	1	280,208	0	0
DELTA APPAREL INC	COM	247368103	120	3,869	SH	SOLE	1	3,869	0	0
DELUXE CORP	COM	248019101	5,342	107,020	SH	SOLE	1	107,020	0	0
DENALI THERAPEUTICS INC	COM	24823R105	523	30,025	SH	SOLE	1	30,025	0	0
DENBURY RESOURCES INC	COM	247916208	492	348,938	SH	SOLE	1	348,938	0	0
DENNY S CORP	COM	24869P104	721	36,276	SH	SOLE	1	36,276	0	0
DENTSPLY SIRONA INC	COM	24906P109	4,709	83,221	SH	SOLE	1	83,221	0	0
DERMIRA INC	COM	24983L104	449	29,596	SH	SOLE	1	29,596	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	696	44,240	SH	SOLE	1	44,240	0	0
DEVON ENERGY CORP	COM	25179M103	4,373	168,379	SH	SOLE	1	168,379	0	0
DEXCOM INC	COM	252131107	465	2,124	SH	SOLE	1	2,124	0	0
DHI GROUP INC	COM	23331S100	94	31,362	SH	SOLE	1	31,362	0	0
DHT HOLDINGS INC	COM	Y2065G121	474	57,291	SH	SOLE	1	57,291	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	276	1,967	SH	SOLE	1	1,967	0	0
DIAMOND OFFSHORE DRILLING	COM	25271C102	337	46,847	SH	SOLE	1	46,847	0	0
DIAMOND S SHIPPING INC	COM	Y20676105	233	13,937	SH	SOLE	1	13,937	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	6,113	65,832	SH	SOLE	1	65,832	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,758	158,690	SH	SOLE	1	158,690	0	0

DICERNA PHARMACEUTICALS INC	COM	253031108	714	32,420	SH	SOLE	1	32,420	0	0
DICK S SPORTING GOODS INC	COM	253393102	6,076	122,764	SH	SOLE	1	122,764	0	0
DIEBOLD NIXDORF INC	COM	253651103	586	55,453	SH	SOLE	1	55,453	0	0
DIGI INTERNATIONAL INC	COM	253798102	356	20,097	SH	SOLE	1	20,097	0	0
DIGIMARC CORP	COM	25381B101	246	7,340	SH	SOLE	1	7,340	0	0
DIGITAL REALTY TRUST INC	COM	253868103	9,286	77,552	SH	SOLE	1	77,552	0	0
DIGITAL TURBINE INC	COM	25400W102	350	49,136	SH	SOLE	1	49,136	0	0
DILLARDS INC CL A	CL A	254067101	1,846	25,124	SH	SOLE	1	25,124	0	0
DIME COMMUNITY BANCSHARES	COM	253922108	477	22,812	SH	SOLE	1	22,812	0	0
DINE BRANDS GLOBAL INC	COM	254423106	970	11,613	SH	SOLE	1	11,613	0	0
DIODES INC	COM	254543101	1,673	29,676	SH	SOLE	1	29,676	0	0
DIPLOMAT PHARMACY INC	COM	25456K101	169	42,129	SH	SOLE	1	42,129	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	10,568	124,590	SH	SOLE	1	124,590	0	0
DISCOVERY INC A	COM	25470F104	3,137	95,815	SH	SOLE	1	95,815	0	0
DISCOVERY INC C	COM	25470F302	3,450	113,150	SH	SOLE	1	113,150	0	0
DISH NETWORK CORP A	COM	25470M109	3,363	94,799	SH	SOLE	1	94,799	0	0
DMC GLOBAL INC	COM	23291C103	460	10,245	SH	SOLE	1	10,245	0	0
DOCUSIGN INC	COM	256163106	265	3,582	SH	SOLE	1	3,582	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	72	1,049	SH	SOLE	1	1,049	0	0
DOLLAR GENERAL CORP	COM	256677105	14,122	90,540	SH	SOLE	1	90,540	0	0
DOLLAR TREE INC	COM	256746108	10,464	111,257	SH	SOLE	1	111,257	0	0
DOMINION ENERGY INC	COM	25746U109	21,883	264,227	SH	SOLE	1	264,227	0	0
DOMINO S PIZZA INC	COM	25754A201	23,283	79,254	SH	SOLE	1	79,254	0	0
DOMO INC CLASS B	COM	257554105	238	10,961	SH	SOLE	1	10,961	0	0
DOMTAR CORP	COM	257559203	4,230	110,617	SH	SOLE	1	110,617	0	0
DONALDSON CO INC	COM	257651109	14,132	245,263	SH	SOLE	1	245,263	0	0
DONEGAL GROUP INC CL A	CL A	257701201	96	6,467	SH	SOLE	1	6,467	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	236	22,516	SH	SOLE	1	22,516	0	0
DORIAN LPG LTD	COM	Y2106R110	267	17,224	SH	SOLE	1	17,224	0	0
DORMAN PRODUCTS INC	COM	258278100	1,490	19,675	SH	SOLE	1	19,675	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	772	14,030	SH	SOLE	1	14,030	0	0
DOUGLAS EMMETT INC	COM	25960P109	14,115	321,531	SH	SOLE	1	321,531	0	0
DOVER CORP	COM	260003108	5,804	50,359	SH	SOLE	1	50,359	0	0
DOW INC	COM	260557103	327,416	5,982,384	SH	SOLE	1	5,982,384	0	0
DR HORTON INC	COM	23331A109	6,158	116,738	SH	SOLE	1	116,738	0	0
DR. REDDY S LABORATORIES ADR	ADR	256135203	25	618	SH	SOLE	1	618	0	0
DRIL QUIP INC	COM	262037104	1,226	26,132	SH	SOLE	1	26,132	0	0
DRIVE SHACK INC	COM	262077100	139	37,845	SH	SOLE	1	37,845	0	0
DROPBOX INC CLASS A	COM	26210C104	89	4,960	SH	SOLE	1	4,960	0	0
DSP GROUP INC	COM	23332B106	252	16,020	SH	SOLE	1	16,020	0	0
DTE ENERGY COMPANY	COM	233331107	8,381	64,535	SH	SOLE	1	64,535	0	0
DUCOMMUN INC	COM	264147109	340	6,721	SH	SOLE	1	6,721	0	0
DUKE ENERGY CORP	COM	26441C204	21,346	234,033	SH	SOLE	1	234,033	0	0
DUKE REALTY CORP	COM	264411505	4,518	130,317	SH	SOLE	1	130,317	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	71	6,724	SH	SOLE	1	6,724	0	0
DUNKIN BRANDS	COM	265504100	12,122	160,475	SH	SOLE	1	160,475	0	0

GROUP INC										
DUPONT DE NEMOURS INC	COM	26614N102	15,646	243,708	SH	SOLE	1	243,708	0	0
DXC TECHNOLOGY CO	COM	23355L106	5,383	143,204	SH	SOLE	1	143,204	0	0
DXP ENTERPRISES INC	COM	233377407	467	11,719	SH	SOLE	1	11,719	0	0
DYCOM INDUSTRIES INC	COM	267475101	3,743	79,386	SH	SOLE	1	79,386	0	0
DYNATRACE INC	COM	268150109	20	800	SH	SOLE	1	800	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	299	52,186	SH	SOLE	1	52,186	0	0
DYNEX CAPITAL INC	COM	26817Q886	237	14,009	SH	SOLE	1	14,009	0	0
E TRADE FINANCIAL CORP	COM	269246401	4,046	89,177	SH	SOLE	1	89,177	0	0
EAGLE BANCORP INC	COM	268948106	1,154	23,720	SH	SOLE	1	23,720	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A143	128	27,718	SH	SOLE	1	27,718	0	0
EAGLE MATERIALS INC	COM	26969P108	7,308	80,613	SH	SOLE	1	80,613	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	401	6,672	SH	SOLE	1	6,672	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	78	12,385	SH	SOLE	1	12,385	0	0
EAST WEST BANCORP INC	COM	27579R104	16,260	333,887	SH	SOLE	1	333,887	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	1,426	60,103	SH	SOLE	1	60,103	0	0
EASTERN CO/THE	COM	276317104	103	3,384	SH	SOLE	1	3,384	0	0
EASTGROUP PROPERTIES INC	COM	277276101	12,908	97,292	SH	SOLE	1	97,292	0	0
EASTMAN CHEMICAL CO	COM	277432100	5,377	67,841	SH	SOLE	1	67,841	0	0
EATON CORP PLC	COM	G29183103	32,138	339,300	SH	SOLE	1	339,300	0	0
EATON VANCE CORP	COM	278265103	10,194	218,336	SH	SOLE	1	218,336	0	0
EBAY INC	COM	278642103	14,433	399,694	SH	SOLE	1	399,694	0	0
EBIX INC	COM	278715206	558	16,702	SH	SOLE	1	16,702	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	402	19,403	SH	SOLE	1	19,403	0	0
ECHOSTAR CORP A	COM	278768106	32	743	SH	SOLE	1	743	0	0
ECOLAB INC	COM	278865100	19,001	98,456	SH	SOLE	1	98,456	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	4,261	137,621	SH	SOLE	1	137,621	0	0
EDISON INTERNATIONAL	COM	281020107	9,096	120,616	SH	SOLE	1	120,616	0	0
EDITAS MEDICINE INC	COM	28106W103	959	32,389	SH	SOLE	1	32,389	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	16,165	69,292	SH	SOLE	1	69,292	0	0
EGAIN CORP	COM	28225C806	101	12,762	SH	SOLE	1	12,762	0	0
EHEALTH INC	COM	28238P109	1,559	16,221	SH	SOLE	1	16,221	0	0
EIDOS THERAPEUTICS I	COM	28249H104	11,478	200,000	SH	SOLE	2	200,000	0	0
EIDOS THERAPEUTICS INC	COM	28249H104	405	7,056	SH	SOLE	1	7,056	0	0
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	219	14,678	SH	SOLE	1	14,678	0	0
EL PASO ELECTRIC CO	COM	283677854	1,991	29,329	SH	SOLE	1	29,329	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	214	14,121	SH	SOLE	1	14,121	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	173	5,861	SH	SOLE	1	5,861	0	0
ELASTIC NV	COM	N14506104	67	1,038	SH	SOLE	1	1,038	0	0
ELDORADO RESORTS INC	COM	28470R102	9,919	166,310	SH	SOLE	1	166,310	0	0
ELECTROCORE INC	COM	28531P103	13	8,126	SH	SOLE	1	8,126	0	0

ELECTRONIC ARTS INC	COM	285512109	13,323	123,926	SH	SOLE	1	123,926	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	49	4,215	SH	SOLE	1	4,215	0	0
ELEVATE CREDIT INC	COM	28621V101	63	14,060	SH	SOLE	1	14,060	0	0
ELF BEAUTY INC	COM	26856L103	265	16,431	SH	SOLE	1	16,431	0	0
ELI LILLY & CO	COM	532457108	36,332	276,437	SH	SOLE	1	276,437	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	352	19,177	SH	SOLE	1	19,177	0	0
ELOXX PHARMACEUTICALS INC	COM	29014R103	116	15,754	SH	SOLE	1	15,754	0	0
EMCOR GROUP INC	COM	29084Q100	12,294	142,453	SH	SOLE	1	142,453	0	0
EMERALD EXPOSITIONS EVENTS I	COM	29103B100	163	15,477	SH	SOLE	1	15,477	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	1,768	32,778	SH	SOLE	1	32,778	0	0
EMERSON ELECTRIC CO	COM	291011104	32,444	425,443	SH	SOLE	1	425,443	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	180	12,883	SH	SOLE	1	12,883	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	953	22,820	SH	SOLE	1	22,820	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	758	12,277	SH	SOLE	1	12,277	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	13,207	190,666	SH	SOLE	1	190,666	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	778	21,999	SH	SOLE	1	21,999	0	0
ENCORE WIRE CORP	COM	292562105	847	14,759	SH	SOLE	1	14,759	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	751	160,130	SH	SOLE	1	160,130	0	0
ENDURANCE INTERNATIONAL GROU	COM	29272B105	211	44,830	SH	SOLE	1	44,830	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	6,235	124,152	SH	SOLE	1	124,152	0	0
ENERGOUS CORP	COM	29272C103	32	18,092	SH	SOLE	1	18,092	0	0
ENERGY FUELS INC	COM	292671708	113	58,979	SH	SOLE	1	58,979	0	0
ENERGY RECOVERY INC	COM	29270J100	230	23,533	SH	SOLE	1	23,533	0	0
ENERSYS	COM	29275Y102	8,057	107,673	SH	SOLE	1	107,673	0	0
ENNIS INC	COM	293389102	346	15,964	SH	SOLE	1	15,964	0	0
ENOCHIAN BIOSCIENCES INC	COM	29350E104	43	8,624	SH	SOLE	1	8,624	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	574	23,873	SH	SOLE	1	23,873	0	0
ENPHASE ENERGY INC	COM	29355A107	1,503	57,514	SH	SOLE	1	57,514	0	0
ENPRO INDUSTRIES INC	COM	29355X107	995	14,875	SH	SOLE	1	14,875	0	0
ENSIGN GROUP INC/THE	COM	29358P101	1,656	36,491	SH	SOLE	1	36,491	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,489	7,200	SH	SOLE	1	7,200	0	0
ENTEGRA FINANCIAL CORP	COM	29363J108	127	4,222	SH	SOLE	1	4,222	0	0
ENTEGRIS INC	COM	29362U104	158	3,156	SH	SOLE	1	3,156	0	0
ENTERCOM COMMUNICATIONS CL A	CL A	293639100	346	74,654	SH	SOLE	1	74,654	0	0
ENTERGY CORP	COM	29364G103	8,031	67,037	SH	SOLE	1	67,037	0	0
ENTERPRISE BANCORP INC	COM	293668109	190	5,613	SH	SOLE	1	5,613	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	734	15,220	SH	SOLE	1	15,220	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	98	37,464	SH	SOLE	1	37,464	0	0
ENVESTNET INC	COM	29404K106	2,105	30,229	SH	SOLE	1	30,229	0	0
ENZO BIOCHEM INC	COM	294100102	73	27,633	SH	SOLE	1	27,633	0	0
EOG RESOURCES INC	COM	26875P101	19,084	227,840	SH	SOLE	1	227,840	0	0

EPAM SYSTEMS INC	COM	29414B104	258	1,216	SH	SOLE	1	1,216	0	0
EPIZYME INC	COM	29428V104	1,196	48,626	SH	SOLE	1	48,626	0	0
EPLUS INC	COM	294268107	814	9,655	SH	SOLE	1	9,655	0	0
EPR PROPERTIES	COM	26884U109	10,845	153,524	SH	SOLE	1	153,524	0	0
EQT CORP	COM	26884L109	5,378	493,349	SH	SOLE	1	493,349	0	0
EQUIFAX INC	COM	294429105	5,936	42,363	SH	SOLE	1	42,363	0	0
EQUINIX INC	COM	29444U700	18,296	31,345	SH	SOLE	1	31,345	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	5,257	393,471	SH	SOLE	1	393,471	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	287	9,309	SH	SOLE	1	9,309	0	0
EQUITY COMMONWEALTH	COM	294628102	62	1,887	SH	SOLE	1	1,887	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	432	6,136	SH	SOLE	1	6,136	0	0
EQUITY RESIDENTIAL	COM	29476L107	11,465	141,685	SH	SOLE	1	141,685	0	0
ERA GROUP INC	COM	26885G109	143	14,106	SH	SOLE	1	14,106	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	85	513	SH	SOLE	1	513	0	0
EROS INTERNATIONAL PLC	COM	G3788M114	155	45,696	SH	SOLE	1	45,696	0	0
ESCALADE INC	COM	296056104	65	6,608	SH	SOLE	1	6,608	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,710	18,489	SH	SOLE	1	18,489	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	945	15,851	SH	SOLE	1	15,851	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	104	3,991	SH	SOLE	1	3,991	0	0
ESSA BANCORP INC	COM	29667D104	100	5,923	SH	SOLE	1	5,923	0	0
ESSENT GROUP LTD	COM	G3198U102	4,796	92,252	SH	SOLE	1	92,252	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	1,447	58,312	SH	SOLE	1	58,312	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	6,803	22,611	SH	SOLE	1	22,611	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	17,940	86,861	SH	SOLE	1	86,861	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	331	17,376	SH	SOLE	1	17,376	0	0
ETSY INC	COM	29786A106	10,172	229,616	SH	SOLE	1	229,616	0	0
EURONET WORLDWIDE INC	COM	298736109	185	1,172	SH	SOLE	1	1,172	0	0
EVANS BANCORP INC	COM	29911Q208	119	2,957	SH	SOLE	1	2,957	0	0
EVELO BIOSCIENCES INC	COM	299734103	35	8,608	SH	SOLE	1	8,608	0	0
EVENTBRITE INC CLASS A	COM	29975E109	461	22,880	SH	SOLE	1	22,880	0	0
EVERBRIDGE INC	COM	29978A104	1,626	20,820	SH	SOLE	1	20,820	0	0
EVERCORE INC A	COM	29977A105	5,648	75,549	SH	SOLE	1	75,549	0	0
EVEREST RE GROUP LTD	COM	G3223R108	3,825	13,816	SH	SOLE	1	13,816	0	0
EVERGY INC	COM	30034W106	5,002	76,854	SH	SOLE	1	76,854	0	0
EVERI HOLDINGS INC	COM	30034T103	578	43,031	SH	SOLE	1	43,031	0	0
EVERQUOTE INC CLASS A	COM	30041R108	189	5,506	SH	SOLE	1	5,506	0	0
EVERSOURCE ENERGY	COM	30040W108	12,968	152,444	SH	SOLE	1	152,444	0	0
EVERTEC INC	COM	30040P103	1,488	43,703	SH	SOLE	1	43,703	0	0
EVI INDUSTRIES INC	COM	26929N102	77	2,846	SH	SOLE	1	2,846	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	587	22,210	SH	SOLE	1	22,210	0	0
EVOFEM BIOSCIENCES INC	COM	30048L104	55	8,859	SH	SOLE	1	8,859	0	0
EVOLENT HEALTH INC A	COM	30050B101	420	46,384	SH	SOLE	1	46,384	0	0
EVOLUS INC	COM	30052C107	141	11,568	SH	SOLE	1	11,568	0	0

EVOLUTION PETROLEUM CORP	COM	30049A107	93	17,018	SH	SOLE	1	17,018	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	888	46,884	SH	SOLE	1	46,884	0	0
EW SCRIPPS CO/THE A	COM	811054402	620	39,484	SH	SOLE	1	39,484	0	0
EXACT SCIENCES CORP	COM	30063P105	303	3,281	SH	SOLE	1	3,281	0	0
EXAGEN INC	COM	30068X103	53	2,074	SH	SOLE	1	2,074	0	0
EXANTAS CAPITAL CORP	COM	30068N105	226	19,099	SH	SOLE	1	19,099	0	0
EXELA TECHNOLOGIES INC	COM	30162V102	11	28,076	SH	SOLE	1	28,076	0	0
EXELIXIS INC	COM	30161Q104	10,348	587,265	SH	SOLE	1	587,265	0	0
EXELON CORP	COM	30161N101	17,096	375,001	SH	SOLE	1	375,001	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	1,685	24,263	SH	SOLE	1	24,263	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	146	12,918	SH	SOLE	1	12,918	0	0
EXPEDIA GROUP INC	COM	30212P303	8,805	81,425	SH	SOLE	1	81,425	0	0
EXPEDITORS INTL WASH INC	COM	302130109	4,627	59,299	SH	SOLE	1	59,299	0	0
EXPONENT INC	COM	30214U102	2,579	37,371	SH	SOLE	1	37,371	0	0
EXPRESS INC	COM	30219E103	232	47,655	SH	SOLE	1	47,655	0	0
EXTENDED STAY AMERICA INC	COM UNIT	30224P200	44	2,943	SH	SOLE	1	2,943	0	0
EXTERRAN CORP	COM	30227H106	163	20,856	SH	SOLE	1	20,856	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	4,917	46,555	SH	SOLE	1	46,555	0	0
EXTRACTION OIL & GAS INC	COM	30227M105	112	53,012	SH	SOLE	1	53,012	0	0
EXTREME NETWORKS INC	COM	30226D106	638	86,596	SH	SOLE	1	86,596	0	0
EXXON MOBIL CORP	COM	30231G102	408,434	5,853,161	SH	SOLE	1	5,853,161	0	0
EYEPOINT PHARMACEUTICALS INC	COM	30233G100	61	39,497	SH	SOLE	1	39,497	0	0
EZCORP INC CL A	CL A	302301106	252	36,884	SH	SOLE	1	36,884	0	0
F5 NETWORKS INC	COM	315616102	2,917	20,885	SH	SOLE	1	20,885	0	0
FABRINET	COM	G3323L100	1,710	26,379	SH	SOLE	1	26,379	0	0
FACEBOOK INC CLASS A	COM	30303M102	189,160	921,608	SH	SOLE	1	921,608	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	19,724	73,515	SH	SOLE	1	73,515	0	0
FAIR ISAAC CORP	COM	303250104	21,021	56,105	SH	SOLE	1	56,105	0	0
FALCON MINERALS CORP	COM	30607B109	171	24,161	SH	SOLE	1	24,161	0	0
FARMER BROS CO	COM	307675108	100	6,629	SH	SOLE	1	6,629	0	0
FARMERS & MERCHANTS BANCO/OH	COM	30779N105	190	6,313	SH	SOLE	1	6,313	0	0
FARMERS NATL BANC CORP	COM	309627107	262	16,036	SH	SOLE	1	16,036	0	0
FARMLAND PARTNERS INC	COM	31154R109	118	17,408	SH	SOLE	1	17,408	0	0
FARO TECHNOLOGIES INC	COM	311642102	627	12,457	SH	SOLE	1	12,457	0	0
FASTENAL CO	COM	311900104	24,337	658,642	SH	SOLE	1	658,642	0	0
FATE THERAPEUTICS INC	COM	31189P102	743	37,988	SH	SOLE	1	37,988	0	0
FB FINANCIAL CORP	COM	30257X104	422	10,656	SH	SOLE	1	10,656	0	0
FBL FINANCIAL GROUP INC CL A	CL A	30239F106	357	6,063	SH	SOLE	1	6,063	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	472	5,649	SH	SOLE	1	5,649	0	0
FEDERAL REALTY INVS TRUST	COM	313747206	3,095	24,046	SH	SOLE	1	24,046	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,394	43,219	SH	SOLE	1	43,219	0	0

FEDERATED INVESTORS INC CL B	COM	314211103	7,962	244,297	SH	SOLE	1	244,297	0	0
FEDEX CORP	COM	31428X106	11,651	77,055	SH	SOLE	1	77,055	0	0
FEDNAT HOLDING CO	COM	31431B109	120	7,230	SH	SOLE	1	7,230	0	0
FERRO CORP	COM	315405100	874	58,968	SH	SOLE	1	58,968	0	0
FGL HOLDINGS	COM	G3402M102	1,106	103,848	SH	SOLE	1	103,848	0	0
FIBROGEN INC	COM	31572Q808	2,110	49,192	SH	SOLE	1	49,192	0	0
FIDELITY D&D BANCORP INC	COM	31609R100	109	1,749	SH	SOLE	1	1,749	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	188	4,143	SH	SOLE	1	4,143	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	30,493	219,231	SH	SOLE	1	219,231	0	0
FIESTA RESTAURANT GROUP	COM	31660B101	166	16,739	SH	SOLE	1	16,739	0	0
FIFTH THIRD BANCORP	COM	316773100	9,613	312,730	SH	SOLE	1	312,730	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	311	9,690	SH	SOLE	1	9,690	0	0
FIREEYE INC	COM	31816Q101	77	4,673	SH	SOLE	1	4,673	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	13,480	231,138	SH	SOLE	1	231,138	0	0
FIRST BANCORP INC/ME	COM	31866P102	194	6,417	SH	SOLE	1	6,417	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,644	155,274	SH	SOLE	1	155,274	0	0
FIRST BANCORP/NC	COM	318910106	732	18,351	SH	SOLE	1	18,351	0	0
FIRST BANCSHARES INC/MS	COM	318916103	369	10,384	SH	SOLE	1	10,384	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	115	10,400	SH	SOLE	1	10,400	0	0
FIRST BUSEY CORP	COM	319383204	885	32,168	SH	SOLE	1	32,168	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	136	5,168	SH	SOLE	1	5,168	0	0
FIRST CAPITAL INC	COM	31942S104	148	2,028	SH	SOLE	1	2,028	0	0
FIRST CHOICE BANCORP	COM	31948P104	170	6,316	SH	SOLE	1	6,316	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	61	114	SH	SOLE	1	114	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	1,026	70,712	SH	SOLE	1	70,712	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	295	9,505	SH	SOLE	1	9,505	0	0
FIRST DEFIANCE FINL CORP	COM	32006W106	383	12,164	SH	SOLE	1	12,164	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,795	70,571	SH	SOLE	1	70,571	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	375	8,201	SH	SOLE	1	8,201	0	0
FIRST FINANCIAL NORTHWEST	COM	32022K102	74	4,963	SH	SOLE	1	4,963	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	11,987	341,519	SH	SOLE	1	341,519	0	0
FIRST FOUNDATION INC	COM	32026V104	426	24,483	SH	SOLE	1	24,483	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	70	3,227	SH	SOLE	1	3,227	0	0
FIRST HAWAIIAN INC	COM	32051X108	61	2,119	SH	SOLE	1	2,119	0	0
FIRST HORIZON NATIONAL CORP	COM	320517105	9,945	600,565	SH	SOLE	1	600,565	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	13,514	325,559	SH	SOLE	1	325,559	0	0
FIRST INTERNET BANCORP	COM	320557101	140	5,921	SH	SOLE	1	5,921	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	994	23,704	SH	SOLE	1	23,704	0	0
FIRST MERCHANTS	COM	320817109	1,422	34,186	SH	SOLE	1	34,186	0	0

CORP										
FIRST MID BANCSHARES INC	COM	320866106	321	9,111	SH	SOLE	1	9,111	0	0
FIRST MIDWEST BANCORP INC/IL	COM	320867104	1,782	77,267	SH	SOLE	1	77,267	0	0
FIRST NORTHWEST BANCORP	COM	335834107	99	5,485	SH	SOLE	1	5,485	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	366	14,575	SH	SOLE	1	14,575	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	7,407	63,065	SH	SOLE	1	63,065	0	0
FIRST SOLAR INC	COM	336433107	8,202	146,570	SH	SOLE	1	146,570	0	0
FIRSTCASH INC	COM	33767D105	8,705	107,957	SH	SOLE	1	107,957	0	0
FIRSTENERGY CORP	COM	337932107	16,581	341,169	SH	SOLE	1	341,169	0	0
FISERV INC	COM	337738108	30,729	265,753	SH	SOLE	1	265,753	0	0
FITBIT INC A	COM	33812L102	925	140,757	SH	SOLE	1	140,757	0	0
FIVE BELOW	COM	33829M101	13,790	107,855	SH	SOLE	1	107,855	0	0
FIVE PRIME THERAPEUTICS INC	COM	33830X104	98	21,357	SH	SOLE	1	21,357	0	0
FIVE9 INC	COM	338307101	2,457	37,462	SH	SOLE	1	37,462	0	0
FLAGSTAR BANCORP INC	COM	337930705	957	25,022	SH	SOLE	1	25,022	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	9,786	34,013	SH	SOLE	1	34,013	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	438	21,150	SH	SOLE	1	21,150	0	0
FLEXSTEEL INDS	COM	339382103	93	4,679	SH	SOLE	1	4,679	0	0
FLIR SYSTEMS INC	COM	302445101	2,395	45,990	SH	SOLE	1	45,990	0	0
FLOOR & DECOR HOLDINGS INC A	COM	339750101	80	1,580	SH	SOLE	1	1,580	0	0
FLOTEK INDUSTRIES INC	COM	343389102	67	33,666	SH	SOLE	1	33,666	0	0
FLOWERS FOODS INC	COM	343498101	8,076	371,504	SH	SOLE	1	371,504	0	0
FLOWERVE CORP	COM	34354P105	2,204	44,284	SH	SOLE	1	44,284	0	0
FLUENT INC	COM	34380C102	67	26,702	SH	SOLE	1	26,702	0	0
FLUIDIGM CORP	COM	34385P108	151	43,294	SH	SOLE	1	43,294	0	0
FLUOR CORP	COM	343412102	5,489	290,734	SH	SOLE	1	290,734	0	0
FLUSHING FINANCIAL CORP	COM	343873105	366	16,929	SH	SOLE	1	16,929	0	0
FMC CORP	COM	302491303	6,530	65,421	SH	SOLE	1	65,421	0	0
FNB CORP	COM	302520101	7,964	627,063	SH	SOLE	1	627,063	0	0
FNCB BANCORP INC	COM	302578109	91	10,712	SH	SOLE	1	10,712	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	566	19,206	SH	SOLE	1	19,206	0	0
FOOT LOCKER INC	COM	344849104	20,720	531,419	SH	SOLE	1	531,419	0	0
FORD MOTOR CO	COM	345370860	13,206	1,419,964	SH	SOLE	1	1,419,964	0	0
FORESCOUT TECHNOLOGIES INC	COM	34553D101	870	26,511	SH	SOLE	1	26,511	0	0
FORESTAR GROUP INC	COM	346232101	157	7,546	SH	SOLE	1	7,546	0	0
FORMFACTOR INC	COM	346375108	1,416	54,517	SH	SOLE	1	54,517	0	0
FORRESTER RESEARCH INC	COM	346563109	323	7,750	SH	SOLE	1	7,750	0	0
FORTERRA INC	COM	34960W106	134	11,631	SH	SOLE	1	11,631	0	0
FORTINET INC	COM	34959E109	5,393	50,519	SH	SOLE	1	50,519	0	0
FORTIVE CORP	COM	34959J108	8,986	117,635	SH	SOLE	1	117,635	0	0
FORTUNE BRANDS HOME & SECURI	COM	34964C106	3,186	48,760	SH	SOLE	1	48,760	0	0
FORTY SEVEN INC	COM	34983P104	548	13,922	SH	SOLE	1	13,922	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V100	87	51,820	SH	SOLE	1	51,820	0	0
FORWARD AIR CORP	COM	349853101	1,424	20,359	SH	SOLE	1	20,359	0	0
FOSSIL GROUP INC	COM	34988V106	266	33,755	SH	SOLE	1	33,755	0	0
FOSTER (LB) CO A	COM	350060109	121	6,267	SH	SOLE	1	6,267	0	0

FOUNDATION BUILDING MATERIAL	COM	350392106	279	14,431	SH	SOLE	1	14,431	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,546	54,832	SH	SOLE	1	54,832	0	0
FOX CORP CLASS A	COM	35137L105	6,329	170,732	SH	SOLE	1	170,732	0	0
FOX CORP CLASS B	COM	35137L204	2,622	72,034	SH	SOLE	1	72,034	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	1,896	27,257	SH	SOLE	1	27,257	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	345	66,761	SH	SOLE	1	66,761	0	0
FRANKLIN COVEY CO	COM	353469109	197	6,100	SH	SOLE	1	6,100	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	1,871	32,636	SH	SOLE	1	32,636	0	0
FRANKLIN FINANCIAL NETWORK	COM	35352P104	326	9,496	SH	SOLE	1	9,496	0	0
FRANKLIN FINANCIAL SERVICES	COM	353525108	100	2,594	SH	SOLE	1	2,594	0	0
FRANKLIN RESOURCES INC	COM	354613101	7,407	285,085	SH	SOLE	1	285,085	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	644	75,289	SH	SOLE	1	75,289	0	0
FREEPORT MCMORAN INC	COM	35671D857	6,526	497,437	SH	SOLE	1	497,437	0	0
FREQUENCY THERAPEUTICS INC	COM	35803L108	63	3,601	SH	SOLE	1	3,601	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	774	22,114	SH	SOLE	1	22,114	0	0
FRESHPET INC	COM	358039105	1,274	21,555	SH	SOLE	1	21,555	0	0
FRONT YARD RESIDENTIAL CORP	COM	35904G107	383	31,014	SH	SOLE	1	31,014	0	0
FRONTDOOR INC	COM	35905A109	63	1,331	SH	SOLE	1	1,331	0	0
FRONTIER COMMUNICATIONS CORP	COM	35906A306	58	65,694	SH	SOLE	1	65,694	0	0
FRP HOLDINGS INC	COM	30292L107	217	4,359	SH	SOLE	1	4,359	0	0
FS BANCORP INC	COM	30263Y104	160	2,504	SH	SOLE	1	2,504	0	0
FTI CONSULTING INC	COM	302941109	10,552	95,359	SH	SOLE	1	95,359	0	0
FTS INTERNATIONAL INC	COM	30283W104	21	20,302	SH	SOLE	1	20,302	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	47	2,843	SH	SOLE	1	2,843	0	0
FULTON FINANCIAL CORP	COM	360271100	7,228	414,663	SH	SOLE	1	414,663	0	0
FUNKO INC CLASS A	COM	361008105	235	13,710	SH	SOLE	1	13,710	0	0
FUTUREFUEL CORP	COM	36116M106	611	49,297	SH	SOLE	1	49,297	0	0
FVCBANKCORP INC	COM	36120Q101	133	7,599	SH	SOLE	1	7,599	0	0
G III APPAREL GROUP LTD	COM	36237H101	1,064	31,762	SH	SOLE	1	31,762	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	560	21,186	SH	SOLE	1	21,186	0	0
GAIA INC	COM	36269P104	53	6,578	SH	SOLE	1	6,578	0	0
GAIN CAPITAL HOLDINGS INC	COM	36268W100	48	12,104	SH	SOLE	1	12,104	0	0
GALECTIN THERAPEUTICS INC	COM	363225202	72	25,082	SH	SOLE	1	25,082	0	0
GALERA THERAPEUTICS INC	COM	36338D108	14	1,052	SH	SOLE	1	1,052	0	0
GAMCO INVESTORS INC A	COM	361438104	63	3,242	SH	SOLE	1	3,242	0	0
GAMESTOP CORP CLASS A	COM	36467W109	638	104,972	SH	SOLE	1	104,972	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	288	6,686	SH	SOLE	1	6,686	0	0
GANNETT CO INC	COM	36472T109	544	85,297	SH	SOLE	1	85,297	0	0
GAP INC/THE	COM	364760108	27,142	1,535,206	SH	SOLE	1	1,535,206	0	0
GARDNER DENVER	COM	36555P107	75	2,044	SH	SOLE	1	2,044	0	0

HOLDINGS INC										
GARMIN LTD	COM	H2906T109	4,905	50,274	SH	SOLE	1	50,274	0	0
GARRETT MOTION INC	COM	366505105	72	7,171	SH	SOLE	1	7,171	0	0
GARTNER INC	COM	366651107	4,895	31,767	SH	SOLE	1	31,767	0	0
GASLOG LTD	COM	G37585109	248	25,336	SH	SOLE	1	25,336	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	10	719	SH	SOLE	1	719	0	0
GATX CORP	COM	361448103	7,384	89,125	SH	SOLE	1	89,125	0	0
GCI LIBERTY INC CLASS A	COM	36164V305	109	1,539	SH	SOLE	1	1,539	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	886	39,032	SH	SOLE	1	39,032	0	0
GDS HOLDINGS LTD ADR	ADR	36165L108	41	800	SH	SOLE	1	800	0	0
GENCO SHIPPING & TRADING LTD	COM	Y2685T131	101	9,499	SH	SOLE	1	9,499	0	0
GENCOR INDUSTRIES INC	COM	368678108	66	5,689	SH	SOLE	1	5,689	0	0
GENERAC HOLDINGS INC	COM	368736104	3,854	38,313	SH	SOLE	1	38,313	0	0
GENERAL DYNAMICS CORP	COM	369550108	24,691	140,014	SH	SOLE	1	140,014	0	0
GENERAL ELECTRIC CO	COM	369604103	31,288	2,803,623	SH	SOLE	1	2,803,623	0	0
GENERAL FINANCE CORP	COM	369822101	80	7,271	SH	SOLE	1	7,271	0	0
GENERAL MILLS INC	COM	370334104	302,736	5,652,277	SH	SOLE	1	5,652,277	0	0
GENERAL MOTORS CO	COM	37045V100	14,773	403,624	SH	SOLE	1	403,624	0	0
GENESCO INC	COM	371532102	500	10,436	SH	SOLE	1	10,436	0	0
GENESIS HEALTHCARE INC	COM	37185X106	86	52,447	SH	SOLE	1	52,447	0	0
GENIE ENERGY LTD B	COM	372284208	69	8,886	SH	SOLE	1	8,886	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	167	34,724	SH	SOLE	1	34,724	0	0
GENPACT LTD	COM	G3922B107	185	4,383	SH	SOLE	1	4,383	0	0
GENTEX CORP	COM	371901109	14,150	488,264	SH	SOLE	1	488,264	0	0
GENTHERM INC	COM	37253A103	1,058	23,841	SH	SOLE	1	23,841	0	0
GENUINE PARTS CO	COM	372460105	18,707	176,099	SH	SOLE	1	176,099	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	5,634	1,280,467	SH	SOLE	1	1,280,467	0	0
GEO GROUP INC/THE	COM	36162J106	5,251	316,111	SH	SOLE	1	316,111	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	161	9,590	SH	SOLE	1	9,590	0	0
GERMAN AMERICAN BANCORP	COM	373865104	552	15,510	SH	SOLE	1	15,510	0	0
GERON CORP	COM	374163103	158	116,012	SH	SOLE	1	116,012	0	0
GETTY REALTY CORP	COM	374297109	795	24,176	SH	SOLE	1	24,176	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,827	36,226	SH	SOLE	1	36,226	0	0
GILEAD SCIENCES INC	COM	375558103	336,994	5,186,113	SH	SOLE	1	5,186,113	0	0
GLACIER BANCORP INC	COM	37637Q105	2,880	62,622	SH	SOLE	1	62,622	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	420	19,192	SH	SOLE	1	19,192	0	0
GLADSTONE LAND CORP	COM	376549101	149	11,514	SH	SOLE	1	11,514	0	0
GLATFELTER	COM	377316104	577	31,504	SH	SOLE	1	31,504	0	0
GLAUKOS CORP	COM	377322102	1,327	24,362	SH	SOLE	1	24,362	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	2,884	36,275	SH	SOLE	1	36,275	0	0
GLOBAL INDEMNITY LTD	COM	G3933F105	154	5,207	SH	SOLE	1	5,207	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	268	20,281	SH	SOLE	1	20,281	0	0
GLOBAL NET LEASE INC	COM	379378201	1,318	64,972	SH	SOLE	1	64,972	0	0

GLOBAL PAYMENTS INC	COM	37940X102	20,107	110,137	SH	SOLE	1	110,137	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	97	7,386	SH	SOLE	1	7,386	0	0
GLOBANT SA	COM	L44385109	51	485	SH	SOLE	1	485	0	0
GLOBE LIFE INC	COM	37959E102	3,545	33,681	SH	SOLE	1	33,681	0	0
GLOBUS MEDICAL INC A	COM	379577208	11,479	194,961	SH	SOLE	1	194,961	0	0
GLU MOBILE INC	COM	379890106	506	83,567	SH	SOLE	1	83,567	0	0
GLYCOMIMETICS INC	COM	38000Q102	112	21,176	SH	SOLE	1	21,176	0	0
GMS INC	COM	36251C103	785	28,998	SH	SOLE	1	28,998	0	0
GNC HOLDINGS INC CL A	CL A	36191G107	138	51,209	SH	SOLE	1	51,209	0	0
GODADDY INC CLASS A	COM	380237107	280	4,124	SH	SOLE	1	4,124	0	0
GOGO INC	COM	38046C109	220	34,390	SH	SOLE	1	34,390	0	0
GOLAR LNG LTD	COM	G9456A100	844	59,337	SH	SOLE	1	59,337	0	0
GOLD RESOURCE CORP	COM	38068T105	211	38,013	SH	SOLE	1	38,013	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	206	10,710	SH	SOLE	1	10,710	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	23,522	102,302	SH	SOLE	1	102,302	0	0
GOODRICH PETROLEUM CORP	COM	382410843	57	5,690	SH	SOLE	1	5,690	0	0
GOODYEAR TIRE & RUBBER CO	COM	382550101	6,982	448,829	SH	SOLE	1	448,829	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	303	7,157	SH	SOLE	1	7,157	0	0
GOPRO INC CLASS A	COM	38268T103	347	79,882	SH	SOLE	1	79,882	0	0
GORMAN RUPP CO	COM	383082104	414	11,033	SH	SOLE	1	11,033	0	0
GOSSAMER BIO INC	COM	38341P102	420	26,854	SH	SOLE	1	26,854	0	0
GP STRATEGIES CORP	COM	36225V104	106	8,004	SH	SOLE	1	8,004	0	0
GRACO INC	COM	384109104	16,803	323,125	SH	SOLE	1	323,125	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	11	961	SH	SOLE	1	961	0	0
GRAHAM CORP	COM	384556106	131	6,009	SH	SOLE	1	6,009	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	6,270	9,812	SH	SOLE	1	9,812	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	8,917	93,092	SH	SOLE	1	93,092	0	0
GRANITE CONSTRUCTION INC	COM	387328107	937	33,853	SH	SOLE	1	33,853	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	721	39,214	SH	SOLE	1	39,214	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	77	4,611	SH	SOLE	1	4,611	0	0
GRAY TELEVISION INC	COM	389375106	1,223	57,025	SH	SOLE	1	57,025	0	0
GREAT AJAX CORP	COM	38983D300	160	10,791	SH	SOLE	1	10,791	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	432	38,164	SH	SOLE	1	38,164	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	439	6,934	SH	SOLE	1	6,934	0	0
GREAT WESTERN BANCORP INC	COM	391416104	1,418	40,819	SH	SOLE	1	40,819	0	0
GREEN BRICK PARTNERS INC	COM	392709101	175	15,227	SH	SOLE	1	15,227	0	0
GREEN DOT CORP CLASS A	COM	39304D102	2,819	120,987	SH	SOLE	1	120,987	0	0
GREEN PLAINS INC	COM	393222104	382	24,726	SH	SOLE	1	24,726	0	0
GREENBRIER COMPANIES INC	COM	393657101	754	23,235	SH	SOLE	1	23,235	0	0
GREENE COUNTY BANCORP INC	COM	394357107	60	2,071	SH	SOLE	1	2,071	0	0
GREENHILL & CO INC	COM	395259104	187	10,968	SH	SOLE	1	10,968	0	0
GREENLANE HOLDINGS INC A	COM	395330103	21	6,306	SH	SOLE	1	6,306	0	0

GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	185	18,263	SH	SOLE	1	18,263	0	0
GREIF INC CL A	CL A	397624107	4,252	96,208	SH	SOLE	1	96,208	0	0
GREIF INC CL B	COM	397624206	195	3,774	SH	SOLE	1	3,774	0	0
GRIFFIN INDUSTRIAL REALTY IN	COM	398231100	24	604	SH	SOLE	1	604	0	0
GRIFFON CORP	COM	398433102	548	26,934	SH	SOLE	1	26,934	0	0
GRITSTONE ONCOLOGY INC	COM	39868T105	140	15,605	SH	SOLE	1	15,605	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	18	542	SH	SOLE	1	542	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	1,272	12,723	SH	SOLE	1	12,723	0	0
GROUPON INC	COM	399473107	676	282,914	SH	SOLE	1	282,914	0	0
GRUBHUB INC	COM	400110102	8,619	177,194	SH	SOLE	1	177,194	0	0
GRUPO FINANCIERO GALICIA ADR	ADR	399909100	21	1,291	SH	SOLE	1	1,291	0	0
GSI TECHNOLOGY INC	COM	36241U106	70	9,942	SH	SOLE	1	9,942	0	0
GTT COMMUNICATIONS INC	COM	362393100	240	21,134	SH	SOLE	1	21,134	0	0
GTY TECHNOLOGY HOLDINGS INC	COM	362409104	146	24,817	SH	SOLE	1	24,817	0	0
GUARANTY BANCSHARES INC	COM	400764106	167	5,091	SH	SOLE	1	5,091	0	0
GUARDANT HEALTH INC	COM	40131M109	67	856	SH	SOLE	1	856	0	0
GUESS INC	COM	401617105	736	32,893	SH	SOLE	1	32,893	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	210	1,913	SH	SOLE	1	1,913	0	0
GULFPORT ENERGY CORP	COM	402635304	347	114,233	SH	SOLE	1	114,233	0	0
GWG HOLDINGS INC	COM	36192A109	11	1,139	SH	SOLE	1	1,139	0	0
H.B. FULLER CO.	COM	359694106	1,897	36,780	SH	SOLE	1	36,780	0	0
H&E EQUIPMENT SERVICES INC	COM	404030108	669	19,999	SH	SOLE	1	19,999	0	0
H&R BLOCK INC	COM	093671105	14,146	602,462	SH	SOLE	1	602,462	0	0
HABIT RESTAURANTS INC/THE A	COM	40449J103	134	12,890	SH	SOLE	1	12,890	0	0
HACKETT GROUP INC/THE	COM	404609109	247	15,311	SH	SOLE	1	15,311	0	0
HAEMONETICS CORP/MASS	COM	405024100	14,833	129,096	SH	SOLE	1	129,096	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	4,029	155,211	SH	SOLE	1	155,211	0	0
HALLADOR ENERGY CO	COM	40609P105	38	12,730	SH	SOLE	1	12,730	0	0
HALLIBURTON CO	COM	406216101	7,230	295,452	SH	SOLE	1	295,452	0	0
HALLMARK FINL SERVICES INC	COM	40624Q203	144	8,180	SH	SOLE	1	8,180	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	1,589	89,637	SH	SOLE	1	89,637	0	0
HAMILTON BEACH BRAND A	COM	40701T104	77	4,045	SH	SOLE	1	4,045	0	0
HAMILTON LANE INC CLASS A	COM	407497106	822	13,795	SH	SOLE	1	13,795	0	0
HANCOCK WHITNEY CORP	COM	410120109	9,711	221,305	SH	SOLE	1	221,305	0	0
HANESBRANDS INC	COM	410345102	16,043	1,080,366	SH	SOLE	1	1,080,366	0	0
HANGER INC	COM	41043F208	725	26,265	SH	SOLE	1	26,265	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	439	21,952	SH	SOLE	1	21,952	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	1,276	39,660	SH	SOLE	1	39,660	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	13,059	95,548	SH	SOLE	1	95,548	0	0
HARBORONE BANCORP	COM	41165Y100	180	16,418	SH	SOLE	1	16,418	0	0

INC										
HARLEY DAVIDSON INC	COM	412822108	1,933	51,977	SH	SOLE	1	51,977	0	0
HARMONIC INC	COM	413160102	496	63,545	SH	SOLE	1	63,545	0	0
HARPOON THERAPEUTICS INC	COM	41358P106	68	4,593	SH	SOLE	1	4,593	0	0
HARSCO CORP	COM	415864107	1,297	56,377	SH	SOLE	1	56,377	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	7,375	121,354	SH	SOLE	1	121,354	0	0
HASBRO INC	COM	418056107	4,623	43,771	SH	SOLE	1	43,771	0	0
HAVERTY FURNITURE	COM	419596101	260	12,905	SH	SOLE	1	12,905	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	9,855	210,298	SH	SOLE	1	210,298	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	978	33,400	SH	SOLE	1	33,400	0	0
HAWKINS INC	COM	420261109	321	7,013	SH	SOLE	1	7,013	0	0
HAWTHORN BANCSHARES INC	COM	420476103	90	3,543	SH	SOLE	1	3,543	0	0
HAYNES INTERNATIONAL INC	COM	420877201	321	8,979	SH	SOLE	1	8,979	0	0
HBT FINANCIAL INC/DE	COM	404111106	108	5,695	SH	SOLE	1	5,695	0	0
HCA HEALTHCARE INC	COM	40412C101	16,742	113,266	SH	SOLE	1	113,266	0	0
HCI GROUP INC	COM	40416E103	203	4,453	SH	SOLE	1	4,453	0	0
HD SUPPLY HOLDINGS INC	COM	40416M105	1,213	30,163	SH	SOLE	1	30,163	0	0
HDFC BANK LTD ADR	ADR	40415F101	65	1,024	SH	SOLE	1	1,024	0	0
HEALTH CATALYST INC	COM	42225T107	179	5,147	SH	SOLE	1	5,147	0	0
HEALTH INSURANCE INNOVATIO A	COM	42225K106	118	6,109	SH	SOLE	1	6,109	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	11,311	338,952	SH	SOLE	1	338,952	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	4,583	188,461	SH	SOLE	1	188,461	0	0
HEALTHCARE TRUST OF AME CL A	CL A	42225P501	249	8,210	SH	SOLE	1	8,210	0	0
HEALTHQUITY INC	COM	42226A107	13,262	179,051	SH	SOLE	1	179,051	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	5,833	169,214	SH	SOLE	1	169,214	0	0
HEALTHSTREAM INC	COM	42222N103	510	18,765	SH	SOLE	1	18,765	0	0
HEARTLAND EXPRESS INC	COM	422347104	700	33,243	SH	SOLE	1	33,243	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	1,083	21,774	SH	SOLE	1	21,774	0	0
HECLA MINING CO	COM	422704106	1,042	307,471	SH	SOLE	1	307,471	0	0
HEICO CORP	COM	422806109	104	914	SH	SOLE	1	914	0	0
HEICO CORP CLASS A	COM	422806208	160	1,789	SH	SOLE	1	1,789	0	0
HEIDRICK & STRUGGLES INTL	COM	422819102	443	13,624	SH	SOLE	1	13,624	0	0
HELEN OF TROY LTD	COM	G4388N106	11,488	63,897	SH	SOLE	1	63,897	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	848	18,345	SH	SOLE	1	18,345	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	986	102,417	SH	SOLE	1	102,417	0	0
HELMERICH & PAYNE	COM	423452101	1,657	36,483	SH	SOLE	1	36,483	0	0
HEMISPHERE MEDIA GRO	CL A	42365Q103	14,377	968,149	SH	SOLE	2	968,149	0	0
HEMISPHERE MEDIA GROUP INC	CL A	42365Q103	162	10,898	SH	SOLE	1	10,898	0	0
HENRY SCHEIN INC	COM	806407102	4,935	73,961	SH	SOLE	1	73,961	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	82	1,723	SH	SOLE	1	1,723	0	0
HERC HOLDINGS INC	COM	42704L104	739	15,095	SH	SOLE	1	15,095	0	0
HERITAGE COMMERCE CORP	COM	426927109	440	34,272	SH	SOLE	1	34,272	0	0
HERITAGE CRYSTAL	COM	42726M106	295	9,407	SH	SOLE	1	9,407	0	0

CLEAN INC										
HERITAGE FINANCIAL CORP	COM	42722X106	749	26,461	SH	SOLE	1	26,461	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	218	16,418	SH	SOLE	1	16,418	0	0
HERMAN MILLER INC	COM	600544100	6,246	149,954	SH	SOLE	1	149,954	0	0
HERON THERAPEUTICS INC	COM	427746102	1,237	52,634	SH	SOLE	1	52,634	0	0
HERSHA HOSPITALITY TRUST	COM	427825500	363	24,958	SH	SOLE	1	24,958	0	0
HERSHEY CO/THE	COM	427866108	7,638	51,963	SH	SOLE	1	51,963	0	0
HERTZ GLOBAL HOLDINGS INC	COM	42806J106	1,001	63,554	SH	SOLE	1	63,554	0	0
HESKA CORP	COM	42805E306	486	5,063	SH	SOLE	1	5,063	0	0
HESS CORP	COM	42809H107	7,530	112,703	SH	SOLE	1	112,703	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	9,136	576,067	SH	SOLE	1	576,067	0	0
HEXCEL CORP	COM	428291108	142	1,943	SH	SOLE	1	1,943	0	0
HF FOODS GROUP INC	COM	40417F109	92	4,711	SH	SOLE	1	4,711	0	0
HIBBETT SPORTS INC	COM	428567101	356	12,682	SH	SOLE	1	12,682	0	0
HIGHPOINT RESOURCES CORP	COM	43114K108	429	253,573	SH	SOLE	1	253,573	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	9,791	200,191	SH	SOLE	1	200,191	0	0
HILL ROM HOLDINGS INC	COM	431475102	14,659	129,116	SH	SOLE	1	129,116	0	0
HILLENBRAND INC	COM	431571108	1,760	52,837	SH	SOLE	1	52,837	0	0
HILLTOP HOLDINGS INC	COM	432748101	1,092	43,789	SH	SOLE	1	43,789	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	50	1,452	SH	SOLE	1	1,452	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	11,132	100,374	SH	SOLE	1	100,374	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	183	869	SH	SOLE	1	869	0	0
HMS HOLDINGS CORP	COM	40425J101	1,877	63,427	SH	SOLE	1	63,427	0	0
HNI CORP	COM	404251100	4,076	108,807	SH	SOLE	1	108,807	0	0
HOLLYFRONTIER CORP	COM	436106108	3,330	65,669	SH	SOLE	1	65,669	0	0
HOLOGIC INC	COM	436440101	5,061	96,929	SH	SOLE	1	96,929	0	0
HOME BANCORP INC	COM	43689E107	187	4,770	SH	SOLE	1	4,770	0	0
HOME BANCSHARES INC	COM	436893200	9,276	471,842	SH	SOLE	1	471,842	0	0
HOME DEPOT INC	COM	437076102	100,052	458,154	SH	SOLE	1	458,154	0	0
HOMESTREET INC	COM	43785V102	557	16,384	SH	SOLE	1	16,384	0	0
HOMETRUST BANCSHARES INC	COM	437872104	263	9,800	SH	SOLE	1	9,800	0	0
HOMOLOGY MEDICINES INC	COM	438083107	321	15,525	SH	SOLE	1	15,525	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	48,531	274,185	SH	SOLE	1	274,185	0	0
HOOKER FURNITURE CORP	COM	439038100	187	7,279	SH	SOLE	1	7,279	0	0
HOOKIPA PHARMA INC	COM	43906K100	76	6,240	SH	SOLE	1	6,240	0	0
HOPE BANCORP INC	COM	43940T109	2,774	186,671	SH	SOLE	1	186,671	0	0
HORACE MANN EDUCATORS	COM	440327104	1,303	29,851	SH	SOLE	1	29,851	0	0
HORIZON BANCORP INC/IN	COM	440407104	444	23,371	SH	SOLE	1	23,371	0	0
HORIZON THERAPEUTICS PLC	COM	G46188101	110	3,042	SH	SOLE	1	3,042	0	0
HORMEL FOODS CORP	COM	440452100	5,429	120,345	SH	SOLE	1	120,345	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	4,834	260,604	SH	SOLE	1	260,604	0	0
HOSTESS BRANDS INC	COM	44109J106	1,088	74,836	SH	SOLE	1	74,836	0	0
HOUGHTON MIFFLIN	COM	44157R109	409	65,382	SH	SOLE	1	65,382	0	0

HARCOURT CO										
HOULIHAN LOKEY INC	COM	441593100	1,288	26,359	SH	SOLE	1	26,359	0	0
HOWARD BANCORP INC	COM	442496105	136	8,068	SH	SOLE	1	8,068	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	92	725	SH	SOLE	1	725	0	0
HP INC	COM	40434L105	355,860	17,316,790	SH	SOLE	1	17,316,790	0	0
HUAZHU GROUP LTD ADR	ADR	44332N106	72	1,800	SH	SOLE	1	1,800	0	0
HUB GROUP INC CL A	CL A	443320106	1,202	23,440	SH	SOLE	1	23,440	0	0
HUBBELL INC	COM	443510607	15,549	105,191	SH	SOLE	1	105,191	0	0
HUBSPOT INC	COM	443573100	148	933	SH	SOLE	1	933	0	0
HUDSON LTD CLASS A	COM	G46408103	381	24,840	SH	SOLE	1	24,840	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	243	6,463	SH	SOLE	1	6,463	0	0
HUMANA INC	COM	444859102	21,004	57,307	SH	SOLE	1	57,307	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	3,442	29,471	SH	SOLE	1	29,471	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	6,398	424,275	SH	SOLE	1	424,275	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	3,585	14,289	SH	SOLE	1	14,289	0	0
HUNTSMAN CORP	COM	447011107	83	3,446	SH	SOLE	1	3,446	0	0
HURCO COMPANIES INC	COM	447324104	152	3,974	SH	SOLE	1	3,974	0	0
HURON CONSULTING GROUP INC	COM	447462102	965	14,042	SH	SOLE	1	14,042	0	0
HUTCHISON CHINA MEDITECH ADR	ADR	44842L103	15	600	SH	SOLE	1	600	0	0
HYATT HOTELS CORP CL A	CL A	448579102	53	592	SH	SOLE	1	592	0	0
HYSTER YALE MATERIALS	COM	449172105	374	6,336	SH	SOLE	1	6,336	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	256	9,067	SH	SOLE	1	9,067	0	0
IAA INC	COM	449253103	142	3,021	SH	SOLE	1	3,021	0	0
IAC/INTERACTIVECORP	COM	44919P508	374	1,502	SH	SOLE	1	1,502	0	0
IBERIABANK CORP	COM	450828108	2,446	32,692	SH	SOLE	1	32,692	0	0
ICF INTERNATIONAL INC	COM	44925C103	1,041	11,366	SH	SOLE	1	11,366	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	530	15,938	SH	SOLE	1	15,938	0	0
ICICI BANK LTD SPON ADR	ADR	45104G104	238	15,774	SH	SOLE	1	15,774	0	0
ICU MEDICAL INC	COM	44930G107	6,952	37,150	SH	SOLE	1	37,150	0	0
IDACORP INC	COM	451107106	10,387	97,261	SH	SOLE	1	97,261	0	0
IDEANOMICS INC	COM	45166V106	27	31,109	SH	SOLE	1	31,109	0	0
IDEX CORP	COM	45167R104	4,537	26,379	SH	SOLE	1	26,379	0	0
IDEXX LABORATORIES INC	COM	45168D104	10,179	38,979	SH	SOLE	1	38,979	0	0
IDT CORP CLASS B	COM	448947507	75	10,428	SH	SOLE	1	10,428	0	0
IES HOLDINGS INC	COM	44951W106	133	5,168	SH	SOLE	1	5,168	0	0
IGM BIOSCIENCES INC	COM	449585108	118	3,102	SH	SOLE	1	3,102	0	0
IHS MARKIT LTD	COM	G47567105	12,191	161,792	SH	SOLE	1	161,792	0	0
II VI INC	COM	902104108	7,506	222,937	SH	SOLE	1	222,937	0	0
ILLINOIS TOOL WORKS	COM	452308109	36,082	200,867	SH	SOLE	1	200,867	0	0
ILLUMINA INC	COM	452327109	21,067	63,506	SH	SOLE	1	63,506	0	0
IMAX CORP	COM	45245E109	669	32,760	SH	SOLE	1	32,760	0	0
IMMERSION CORPORATION	COM	452521107	145	19,523	SH	SOLE	1	19,523	0	0
IMMUNOGEN INC	COM	45253H101	464	90,816	SH	SOLE	1	90,816	0	0
IMMUNOMEDICS INC	COM	452907108	2,319	109,598	SH	SOLE	1	109,598	0	0
IMPINJ INC	COM	453204109	272	10,511	SH	SOLE	1	10,511	0	0
INCYTE CORP	COM	45337C102	7,313	83,752	SH	SOLE	1	83,752	0	0
INDEPENDENCE	COM	453415309	30	29,740	SH	SOLE	1	29,740	0	0

CONTRACT DRILLI										
INDEPENDENCE HOLDING CO	COM	453440307	131	3,111	SH	SOLE	1	3,111	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	926	65,734	SH	SOLE	1	65,734	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	307	13,551	SH	SOLE	1	13,551	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	2,006	24,092	SH	SOLE	1	24,092	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,238	22,329	SH	SOLE	1	22,329	0	0
INDUSTRIAL LOGISTICS PROPERT	COM SHS BEN INT	456237106	1,050	46,840	SH	SOLE	1	46,840	0	0
INFINERA CORP	COM	45667G103	887	111,734	SH	SOLE	1	111,734	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	57	22,340	SH	SOLE	1	22,340	0	0
INFOSYS LTD SP ADR	ADR	456788108	500	48,463	SH	SOLE	1	48,463	0	0
INGERSOLL RAND PLC	COM	G47791101	12,683	95,421	SH	SOLE	1	95,421	0	0
INGEVITY CORP	COM	45688C107	9,297	106,395	SH	SOLE	1	106,395	0	0
INGLES MARKETS INC CLASS A	COM	457030104	421	8,859	SH	SOLE	1	8,859	0	0
INGREDION INC	COM	457187102	11,977	128,850	SH	SOLE	1	128,850	0	0
INNERWORKINGS INC	COM	45773Y105	152	27,642	SH	SOLE	1	27,642	0	0
INNOPHOS HOLDINGS INC	COM	45774N108	453	14,167	SH	SOLE	1	14,167	0	0
INNOSPEC INC	COM	45768S105	1,818	17,571	SH	SOLE	1	17,571	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	625	8,233	SH	SOLE	1	8,233	0	0
INNOVIVA INC	COM	45781M101	657	46,407	SH	SOLE	1	46,407	0	0
INOGEN INC	COM	45780L104	901	13,191	SH	SOLE	1	13,191	0	0
INOVALON HOLDINGS INC A	COM	45781D101	858	45,570	SH	SOLE	1	45,570	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	192	58,047	SH	SOLE	1	58,047	0	0
INPHI CORP	COM	45772F107	2,084	28,154	SH	SOLE	1	28,154	0	0
INSEEGO CORP	COM	45782B104	207	28,190	SH	SOLE	1	28,190	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,779	25,312	SH	SOLE	1	25,312	0	0
INSMED INC	COM	457669307	1,332	55,759	SH	SOLE	1	55,759	0	0
INSPERITY INC	COM	45778Q107	8,217	95,505	SH	SOLE	1	95,505	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	626	8,433	SH	SOLE	1	8,433	0	0
INSPIRED ENTERTAINMENT INC	COM	45782N108	37	5,539	SH	SOLE	1	5,539	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	1,118	16,228	SH	SOLE	1	16,228	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	286	13,305	SH	SOLE	1	13,305	0	0
INSTRUCTURE INC	COM	45781U103	1,043	21,644	SH	SOLE	1	21,644	0	0
INSULET CORP	COM	45784P101	238	1,392	SH	SOLE	1	1,392	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,889	23,485	SH	SOLE	1	23,485	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	8,016	137,537	SH	SOLE	1	137,537	0	0
INTEL CORP	COM	458140100	108,007	1,804,623	SH	SOLE	1	1,804,623	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	355	24,209	SH	SOLE	1	24,209	0	0
INTELLIGENT SYSTEMS CORP	COM	45816D100	171	4,270	SH	SOLE	1	4,270	0	0
INTELSAT SA	COM	L5140P101	295	41,985	SH	SOLE	1	41,985	0	0
INTER PARFUMS INC	COM	458334109	924	12,712	SH	SOLE	1	12,712	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	6,911	148,231	SH	SOLE	1	148,231	0	0

INTERCEPT PHARMACEUTICALS IN	COM	45845P108	1,952	15,755	SH	SOLE	1	15,755	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	22,228	240,177	SH	SOLE	1	240,177	0	0
INTERDIGITAL INC	COM	45867G101	4,312	79,132	SH	SOLE	1	79,132	0	0
INTERFACE INC	COM	458665304	694	41,837	SH	SOLE	1	41,837	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	6,231	144,663	SH	SOLE	1	144,663	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	23	1,539	SH	SOLE	1	1,539	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	136	11,290	SH	SOLE	1	11,290	0	0
INTERNATIONAL PAPER CO	COM	460146103	7,504	162,952	SH	SOLE	1	162,952	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	470	15,790	SH	SOLE	1	15,790	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	18,345	794,164	SH	SOLE	1	794,164	0	0
INTERSECT ENT INC	COM	46071F103	479	19,232	SH	SOLE	1	19,232	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	329,159	2,455,675	SH	SOLE	1	2,455,675	0	0
INTL FCSTONE INC	COM	46116V105	564	11,547	SH	SOLE	1	11,547	0	0
INTL FLAVORS & FRAGRANCES	COM	459506101	5,081	39,379	SH	SOLE	1	39,379	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	957	27,885	SH	SOLE	1	27,885	0	0
INTREPID POTASH INC	COM	46121Y102	162	59,700	SH	SOLE	1	59,700	0	0
INTREXON CORP	COM	46122T102	249	45,471	SH	SOLE	1	45,471	0	0
INTRICON CORP	COM	46121H109	92	5,138	SH	SOLE	1	5,138	0	0
INTUIT INC	COM	461202103	29,953	114,356	SH	SOLE	1	114,356	0	0
INTUITIVE SURGICAL INC	COM	46120E602	27,121	45,878	SH	SOLE	1	45,878	0	0
INVACARE CORP	COM	461203101	219	24,284	SH	SOLE	1	24,284	0	0
INVESCO LTD	COM	G491BT108	3,258	181,185	SH	SOLE	1	181,185	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B100	1,726	103,662	SH	SOLE	1	103,662	0	0
INVESTAR HOLDING CORP	COM	46134L105	138	5,768	SH	SOLE	1	5,768	0	0
INVESTORS BANCORP INC	COM	46146L101	1,696	142,365	SH	SOLE	1	142,365	0	0
INVESTORS REAL ESTATE TRUST	COM	461730509	529	7,295	SH	SOLE	1	7,295	0	0
INVESTORS TITLE CO	COM	461804106	139	872	SH	SOLE	1	872	0	0
INVITAE CORP	COM	46185L103	875	54,261	SH	SOLE	1	54,261	0	0
INVITATION HOMES INC	COM	46187W107	402	13,398	SH	SOLE	1	13,398	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	181	3,002	SH	SOLE	1	3,002	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	2,031	73,368	SH	SOLE	1	73,368	0	0
IPG PHOTONICS CORP	COM	44980X109	1,766	12,188	SH	SOLE	1	12,188	0	0
IQIYI INC ADR	ADR	46267X108	32	1,500	SH	SOLE	1	1,500	0	0
IQVIA HOLDINGS INC	COM	46266C105	11,286	73,041	SH	SOLE	1	73,041	0	0
IRADIMED CORP	COM	46266A109	67	2,846	SH	SOLE	1	2,846	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,129	16,579	SH	SOLE	1	16,579	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	1,757	71,323	SH	SOLE	1	71,323	0	0
IROBOT CORP	COM	462726100	1,007	19,897	SH	SOLE	1	19,897	0	0
IRON MOUNTAIN INC	COM	46284V101	4,362	136,853	SH	SOLE	1	136,853	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	1,281	96,237	SH	SOLE	1	96,237	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	9,115	107,700	SH	SOLE	1	107,700	0	0

ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	158	1,100	SH	SOLE	1	1,100	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	1,639	12,100	SH	SOLE	1	12,100	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	10,047	79,900	SH	SOLE	1	79,900	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,656	24,100	SH	SOLE	1	24,100	0	0
ISHARES CORE S&P SMALL CAP ETF	CORE S&P SCP ETF	464287804	3,290	39,231	SH	SOLE	1	39,231	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	13,743	107,400	SH	SOLE	1	107,400	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	81,217	1,169,600	SH	SOLE	1	1,169,600	0	0
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	4,093	91,217	SH	SOLE	1	91,217	0	0
ISHARES MSCI INDIA ETF	MSCI INDIA ETF	46429B598	4,161	118,386	SH	SOLE	1	118,386	0	0
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	8,930	53,900	SH	SOLE	1	53,900	0	0
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	1,571	10,294	SH	SOLE	1	10,294	0	0
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	1,535	16,200	SH	SOLE	1	16,200	0	0
ISHARES S&P 500 GROWTH ETF	S&P 500 GRWT ETF	464287309	14,737	76,104	SH	SOLE	1	76,104	0	0
ISHARES S&P 500 VALUE ETF	S&P 500 VAL ETF	464287408	7,371	56,660	SH	SOLE	1	56,660	0	0
ISTAR INC	COM	45031U101	622	42,870	SH	SOLE	1	42,870	0	0
ITERIS INC	COM	46564T107	125	25,138	SH	SOLE	1	25,138	0	0
ITRON INC	COM	465741106	2,086	24,853	SH	SOLE	1	24,853	0	0
ITT INC	COM	45073V108	12,510	169,254	SH	SOLE	1	169,254	0	0
J & J SNACK FOODS CORP	COM	466032109	2,009	10,900	SH	SOLE	1	10,900	0	0
J ALEXANDER S HOLDINGS	COM	46609J106	78	8,184	SH	SOLE	1	8,184	0	0
J. JILL INC	COM	46620W102	12	10,555	SH	SOLE	1	10,555	0	0
J.C. PENNEY CO INC	COM	708160106	258	230,349	SH	SOLE	1	230,349	0	0
J2 GLOBAL INC	COM	48123V102	11,041	117,825	SH	SOLE	1	117,825	0	0
JABIL INC	COM	466313103	11,097	268,505	SH	SOLE	1	268,505	0	0
JACK HENRY & ASSOCIATES INC	COM	426281101	3,915	26,878	SH	SOLE	1	26,878	0	0
JACK IN THE BOX INC	COM	466367109	4,794	61,437	SH	SOLE	1	61,437	0	0
JACOBS ENGINEERING GROUP INC	COM	469814107	4,093	45,565	SH	SOLE	1	45,565	0	0
JAGGED PEAK ENERGY INC	COM	47009K107	397	46,743	SH	SOLE	1	46,743	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	884	21,458	SH	SOLE	1	21,458	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	7,345	300,407	SH	SOLE	1	300,407	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	187	1,250	SH	SOLE	1	1,250	0	0
JBG SMITH PROPERTIES	COM	46590V100	9,089	227,857	SH	SOLE	1	227,857	0	0
JD.COM INC ADR	ADR	47215P106	2,474	70,236	SH	SOLE	1	70,236	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	13,913	651,030	SH	SOLE	1	651,030	0	0
JELD WEN HOLDING INC	COM	47580P103	990	42,296	SH	SOLE	1	42,296	0	0
JERNIGAN CAPITAL INC	COM	476405105	256	13,362	SH	SOLE	1	13,362	0	0
JETBLUE AIRWAYS CORP	COM	477143101	10,436	557,484	SH	SOLE	1	557,484	0	0
JM SMUCKER CO/THE	COM	832696405	4,675	44,895	SH	SOLE	1	44,895	0	0
JOHN B. SANFILIPPO & SON INC	COM	800422107	570	6,245	SH	SOLE	1	6,245	0	0

JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2,543	22,570	SH	SOLE	1	22,570	0	0
JOHNSON & JOHNSON	COM	478160104	143,486	983,658	SH	SOLE	1	983,658	0	0
JOHNSON CONTROLS INTERNATION	COM	G51502105	12,838	315,356	SH	SOLE	1	315,356	0	0
JOHNSON OUTDOORS INC A	COM	479167108	237	3,088	SH	SOLE	1	3,088	0	0
JOINT CORP/THE	COM	47973J102	132	8,177	SH	SOLE	1	8,177	0	0
JONES LANG LASALLE INC	COM	48020Q107	18,302	105,129	SH	SOLE	1	105,129	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	88	10,132	SH	SOLE	1	10,132	0	0
JOYY INC	ADS RESTG COM A	46591M109	35	656	SH	SOLE	1	656	0	0
JPMORGAN CHASE & CO	COM	46625H100	510,331	3,660,909	SH	SOLE	1	3,660,909	0	0
JUNIPER NETWORKS INC	COM	48203R104	3,822	155,190	SH	SOLE	1	155,190	0	0
K12 INC	COM	48273U102	501	24,600	SH	SOLE	1	24,600	0	0
KADANT INC	COM	48282T104	725	6,882	SH	SOLE	1	6,882	0	0
KADMON HOLDINGS INC	COM	48283N106	444	97,995	SH	SOLE	1	97,995	0	0
KAISER ALUMINUM CORP	COM	483007704	1,263	11,386	SH	SOLE	1	11,386	0	0
KALA PHARMACEUTICALS INC	COM	483119103	51	13,942	SH	SOLE	1	13,942	0	0
KALEIDO BIOSCIENCES INC	COM	483347100	36	7,114	SH	SOLE	1	7,114	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	141	7,903	SH	SOLE	1	7,903	0	0
KAMAN CORP	COM	483548103	1,319	20,002	SH	SOLE	1	20,002	0	0
KANSAS CITY SOUTHERN	COM	485170302	5,284	34,503	SH	SOLE	1	34,503	0	0
KAR AUCTION SERVICES INC	COM	48238T109	6,175	283,407	SH	SOLE	1	283,407	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	216	2,867	SH	SOLE	1	2,867	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	715	37,310	SH	SOLE	1	37,310	0	0
KB HOME	COM	48666K109	7,460	217,691	SH	SOLE	1	217,691	0	0
KBR INC	COM	48242W106	10,979	359,968	SH	SOLE	1	359,968	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	686	49,615	SH	SOLE	1	49,615	0	0
KELLOGG CO	COM	487836108	8,163	118,027	SH	SOLE	1	118,027	0	0
KELLY SERVICES INC A	COM	488152208	540	23,923	SH	SOLE	1	23,923	0	0
KEMET CORP	COM	488360207	1,115	41,219	SH	SOLE	1	41,219	0	0
KEMPER CORP	COM	488401100	9,377	120,995	SH	SOLE	1	120,995	0	0
KENNAMETAL INC	COM	489170100	7,748	210,043	SH	SOLE	1	210,043	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,714	76,848	SH	SOLE	1	76,848	0	0
KEYCORP	COM	493267108	8,246	407,417	SH	SOLE	1	407,417	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	6,847	66,711	SH	SOLE	1	66,711	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	39	9,741	SH	SOLE	1	9,741	0	0
KFORCE INC	COM	493732101	503	12,668	SH	SOLE	1	12,668	0	0
KILROY REALTY CORP	COM	49427F108	15,794	188,249	SH	SOLE	1	188,249	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	270	15,366	SH	SOLE	1	15,366	0	0
KIMBALL INTERNATIONAL B	COM	494274103	462	22,334	SH	SOLE	1	22,334	0	0
KIMBERLY CLARK CORP	COM	494368103	18,269	132,815	SH	SOLE	1	132,815	0	0
KIMCO REALTY CORP	COM	49446R109	3,086	149,032	SH	SOLE	1	149,032	0	0

KINDER MORGAN INC	COM	49456B101	17,461	824,793	SH	SOLE	1	824,793	0	0
KINDRED BIOSCIENCES INC	COM	494577109	197	23,194	SH	SOLE	1	23,194	0	0
KINIKSA PHARMACEUTICALS A	COM	G5269C101	97	8,737	SH	SOLE	1	8,737	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	1,501	14,769	SH	SOLE	1	14,769	0	0
KIRBY CORP	COM	497266106	10,357	115,684	SH	SOLE	1	115,684	0	0
KITE REALTY GROUP TRUST	COM	49803T300	1,171	59,945	SH	SOLE	1	59,945	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	370	18,129	SH	SOLE	1	18,129	0	0
KLA CORP	COM	482480100	12,253	68,774	SH	SOLE	1	68,774	0	0
KLX ENERGY SERVICES HOLDING	COM	48253L106	99	15,316	SH	SOLE	1	15,316	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	9,290	259,209	SH	SOLE	1	259,209	0	0
KNOLL INC	COM	498904200	776	30,706	SH	SOLE	1	30,706	0	0
KNOWLES CORP	COM	49926D109	1,252	59,192	SH	SOLE	1	59,192	0	0
KODIAK SCIENCES INC	COM	50015M109	1,062	14,764	SH	SOLE	1	14,764	0	0
KOHL'S CORP	COM	500255104	263,991	5,181,378	SH	SOLE	1	5,181,378	0	0
KONTOOR BRANDS INC	COM	50050N103	1,351	32,178	SH	SOLE	1	32,178	0	0
KOPPERS HOLDINGS INC	COM	50060P106	526	13,769	SH	SOLE	1	13,769	0	0
KORN FERRY	COM	500643200	1,723	40,636	SH	SOLE	1	40,636	0	0
KOSMOS ENERGY LTD	COM	500688106	32	5,672	SH	SOLE	1	5,672	0	0
KRAFT HEINZ CO/THE	COM	500754106	325,230	10,122,319	SH	SOLE	1	10,122,319	0	0
KRATON CORP	COM	50077C106	573	22,641	SH	SOLE	1	22,641	0	0
KRATOS DEFENSE & SECURITY	COM	50077B207	1,016	56,436	SH	SOLE	1	56,436	0	0
KROGER CO	COM	501044101	9,498	327,641	SH	SOLE	1	327,641	0	0
KRONOS WORLDWIDE INC	COM	50105F105	190	14,186	SH	SOLE	1	14,186	0	0
KRYSTAL BIOTECH INC	COM	501147102	364	6,573	SH	SOLE	1	6,573	0	0
KULICKE & SOFFA INDUSTRIES	COM	501242101	165	6,077	SH	SOLE	1	6,077	0	0
KURA ONCOLOGY INC	COM	50127T109	295	21,489	SH	SOLE	1	21,489	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	54	2,106	SH	SOLE	1	2,106	0	0
KVH INDUSTRIES INC	COM	482738101	114	10,278	SH	SOLE	1	10,278	0	0
L BRANDS INC	COM	501797104	1,451	80,088	SH	SOLE	1	80,088	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	15,388	77,768	SH	SOLE	1	77,768	0	0
LA JOLLA PHARMACEUTICAL CO	COM	503459604	51	12,970	SH	SOLE	1	12,970	0	0
LA Z BOY INC	COM	505336107	1,024	32,539	SH	SOLE	1	32,539	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	8,136	48,096	SH	SOLE	1	48,096	0	0
LADDER CAPITAL CORP REIT	COM	505743104	1,163	64,475	SH	SOLE	1	64,475	0	0
LADENBURG THALMANN FINANCIAL	COM	50575Q102	259	74,387	SH	SOLE	1	74,387	0	0
LAKELAND BANCORP INC	COM	511637100	530	30,518	SH	SOLE	1	30,518	0	0
LAKELAND FINANCIAL CORP	COM	511656100	755	15,432	SH	SOLE	1	15,432	0	0
LAM RESEARCH CORP	COM	512807108	19,134	65,438	SH	SOLE	1	65,438	0	0
LAMAR ADVERTISING CO A	COM	512816109	18,109	202,876	SH	SOLE	1	202,876	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	4,741	55,106	SH	SOLE	1	55,106	0	0
LANCASTER COLONY CORP	COM	513847103	7,960	49,720	SH	SOLE	1	49,720	0	0
LANDEC CORP	COM	514766104	183	16,217	SH	SOLE	1	16,217	0	0

LANDS END INC	COM	51509F105	112	6,651	SH	SOLE	1	6,651	0	0
LANDSTAR SYSTEM INC	COM	515098101	8,704	76,435	SH	SOLE	1	76,435	0	0
LANNETT CO INC	COM	516012101	208	23,552	SH	SOLE	1	23,552	0	0
LANTHEUS HOLDINGS INC	COM	516544103	573	27,918	SH	SOLE	1	27,918	0	0
LAREDO PETROLEUM INC	COM	516806106	374	130,261	SH	SOLE	1	130,261	0	0
LAS VEGAS SANDS CORP	COM	517834107	347,234	5,029,459	SH	SOLE	1	5,029,459	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	1,512	79,005	SH	SOLE	1	79,005	0	0
LAUREATE EDUCATION INC A	COM	518613203	2,258	128,218	SH	SOLE	1	128,218	0	0
LAWSON PRODUCTS INC	COM	520776105	136	2,615	SH	SOLE	1	2,615	0	0
LAZARD LTD CL A	CL A	G54050102	77	1,925	SH	SOLE	1	1,925	0	0
LCI INDUSTRIES	COM	50189K103	1,894	17,680	SH	SOLE	1	17,680	0	0
LCNB CORPORATION	COM	50181P100	147	7,611	SH	SOLE	1	7,611	0	0
LEAF GROUP LTD	COM	52177G102	44	10,968	SH	SOLE	1	10,968	0	0
LEAR CORP	COM	521865204	16,754	122,117	SH	SOLE	1	122,117	0	0
LEE ENTERPRISES	COM	523768109	48	33,528	SH	SOLE	1	33,528	0	0
LEGACY HOUSING CORP	COM	52472M101	60	3,615	SH	SOLE	1	3,615	0	0
LEGG MASON INC	COM	524901105	9,956	277,256	SH	SOLE	1	277,256	0	0
LEGGETT & PLATT INC	COM	524660107	2,301	45,274	SH	SOLE	1	45,274	0	0
LEIDOS HOLDINGS INC	COM	525327102	4,464	45,599	SH	SOLE	1	45,599	0	0
LEMAITRE VASCULAR INC	COM	525558201	427	11,869	SH	SOLE	1	11,869	0	0
LENDINGCLUB CORP	COM	52603A208	1,162	92,099	SH	SOLE	1	92,099	0	0
LENDINGTREE INC	COM	52603B107	4,509	14,861	SH	SOLE	1	14,861	0	0
LENNAR CORP B SHS	COM	526057302	13	296	SH	SOLE	1	296	0	0
LENNAR CORP A	COM	526057104	6,180	110,773	SH	SOLE	1	110,773	0	0
LENNOX INTERNATIONAL INC	COM	526107107	16,570	67,918	SH	SOLE	1	67,918	0	0
LEVEL ONE BANCORP INC	COM	52730D208	81	3,223	SH	SOLE	1	3,223	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	108	25,988	SH	SOLE	1	25,988	0	0
LEXINGTON REALTY TRUST	COM	529043101	1,861	175,191	SH	SOLE	1	175,191	0	0
LGI HOMES INC	COM	50187T106	1,022	14,459	SH	SOLE	1	14,459	0	0
LHC GROUP INC	COM	50187A107	2,988	21,690	SH	SOLE	1	21,690	0	0
LIBERTY BROADBAND A	COM	530307107	48	385	SH	SOLE	1	385	0	0
LIBERTY BROADBAND C	COM	530307305	208	1,655	SH	SOLE	1	1,655	0	0
LIBERTY GLOBAL PLC C	COM	G5480U120	619	28,408	SH	SOLE	1	28,408	0	0
LIBERTY GLOBAL PLC A	COM	G5480U104	267	11,752	SH	SOLE	1	11,752	0	0
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	559	28,961	SH	SOLE	1	28,961	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	1,387	71,291	SH	SOLE	1	71,291	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	64	1,324	SH	SOLE	1	1,324	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	117	2,421	SH	SOLE	1	2,421	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	185	6,229	SH	SOLE	1	6,229	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	667	22,567	SH	SOLE	1	22,567	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	17	390	SH	SOLE	1	390	0	0
LIBERTY MEDIA CORP	COM	531229854	142	3,096	SH	SOLE	1	3,096	0	0

LIBERTY C										
LIBERTY OILFIELD SERVICES A	COM	53115L104	371	33,327	SH	SOLE	1	33,327	0	0
LIBERTY PROPERTY TRUST	COM	531172104	18,283	304,455	SH	SOLE	1	304,455	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	334	45,474	SH	SOLE	1	45,474	0	0
LIFE STORAGE INC	COM	53223X107	9,748	90,028	SH	SOLE	1	90,028	0	0
LIFETIME BRANDS INC	COM	53222Q103	52	7,428	SH	SOLE	1	7,428	0	0
LIFEVANTAGE CORP	COM	53222K205	134	8,614	SH	SOLE	1	8,614	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	4,624	44,339	SH	SOLE	1	44,339	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	289	70,923	SH	SOLE	1	70,923	0	0
LIMONEIRA CO	COM	532746104	188	9,793	SH	SOLE	1	9,793	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	11,454	118,417	SH	SOLE	1	118,417	0	0
LINCOLN NATIONAL CORP	COM	534187109	4,779	80,984	SH	SOLE	1	80,984	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	235	14,374	SH	SOLE	1	14,374	0	0
LINDE PLC	COM	G5494J103	42,361	198,973	SH	SOLE	1	198,973	0	0
LINDSAY CORP	COM	535555106	749	7,798	SH	SOLE	1	7,798	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	60	67,720	SH	SOLE	1	67,720	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	8	788	SH	SOLE	1	788	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	18	1,780	SH	SOLE	1	1,780	0	0
LIQUIDIA TECHNOLOGIES INC	COM	53635D202	36	8,404	SH	SOLE	1	8,404	0	0
LIQUIDITY SERVICES INC	COM	53635B107	118	19,732	SH	SOLE	1	19,732	0	0
LITHIA MOTORS INC CL A	CL A	536797103	2,384	16,215	SH	SOLE	1	16,215	0	0
LITTELFUSE INC	COM	537008104	8,991	47,002	SH	SOLE	1	47,002	0	0
LIVANOVA PLC	COM	G5509L101	9,282	123,057	SH	SOLE	1	123,057	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	3,525	49,320	SH	SOLE	1	49,320	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	311	16,366	SH	SOLE	1	16,366	0	0
LIVENT CORP	COM	53814L108	905	105,844	SH	SOLE	1	105,844	0	0
LIVEPERSON INC	COM	538146101	1,657	44,790	SH	SOLE	1	44,790	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	8,247	171,566	SH	SOLE	1	171,566	0	0
LIVEXLIVE MEDIA INC	COM	53839L208	32	20,450	SH	SOLE	1	20,450	0	0
LIVONGO HEALTH INC	COM	539183103	232	9,239	SH	SOLE	1	9,239	0	0
LKQ CORP	COM	501889208	4,456	124,811	SH	SOLE	1	124,811	0	0
LOCKHEED MARTIN CORP	COM	539830109	44,815	115,094	SH	SOLE	1	115,094	0	0
LOEWS CORP	COM	540424108	6,476	123,375	SH	SOLE	1	123,375	0	0
LOGICBIO THERAPEUTICS INC	COM	54142F102	37	5,201	SH	SOLE	1	5,201	0	0
LOGMEIN INC	COM	54142L109	8,078	94,213	SH	SOLE	1	94,213	0	0
LORAL SPACE & COMMUNICATIONS	COM	543881106	260	8,038	SH	SOLE	1	8,038	0	0
LOUISIANA PACIFIC CORP	COM	546347105	8,866	298,831	SH	SOLE	1	298,831	0	0
LOVESAC CO/THE	COM	54738L109	88	5,500	SH	SOLE	1	5,500	0	0
LOWE S COS INC	COM	548661107	34,057	284,376	SH	SOLE	1	284,376	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	177	1,919	SH	SOLE	1	1,919	0	0
LSB INDUSTRIES INC	COM	502160104	68	16,178	SH	SOLE	1	16,178	0	0
LTC PROPERTIES INC	COM	502175102	1,275	28,468	SH	SOLE	1	28,468	0	0

LULULEMON ATHLETICA INC	COM	550021109	2,488	10,738	SH	SOLE	1	10,738	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	201	20,612	SH	SOLE	1	20,612	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	15,558	196,196	SH	SOLE	1	196,196	0	0
LUMINEX CORP	COM	55027E102	702	30,331	SH	SOLE	1	30,331	0	0
LUTHER BURBANK CORP	COM	550550107	144	12,498	SH	SOLE	1	12,498	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	318	17,171	SH	SOLE	1	17,171	0	0
LYDALL INC	COM	550819106	254	12,357	SH	SOLE	1	12,357	0	0
LYFT INC A	COM	55087P104	23	538	SH	SOLE	1	538	0	0
LYONDELLBASELL INDU CL A	CL A	N53745100	329,476	3,487,255	SH	SOLE	1	3,487,255	0	0
M & T BANK CORP	COM	55261F104	9,473	55,805	SH	SOLE	1	55,805	0	0
M/I HOMES INC	COM	55305B101	774	19,672	SH	SOLE	1	19,672	0	0
MACATAWA BANK CORP	COM	554225102	181	16,287	SH	SOLE	1	16,287	0	0
MACERICH CO/THE	COM	554382101	5,738	213,139	SH	SOLE	1	213,139	0	0
MACK CALI REALTY CORP	COM	554489104	5,264	227,596	SH	SOLE	1	227,596	0	0
MACKINAC FINANCIAL CORP	COM	554571109	101	5,773	SH	SOLE	1	5,773	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	765	28,773	SH	SOLE	1	28,773	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	49	1,151	SH	SOLE	1	1,151	0	0
MACROGENICS INC	COM	556099109	325	29,846	SH	SOLE	1	29,846	0	0
MACY S INC	COM	55616P104	321,259	18,897,586	SH	SOLE	1	18,897,586	0	0
MADISON SQUARE GARDEN CO A	COM	55825T103	89	304	SH	SOLE	1	304	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	446	4,893	SH	SOLE	1	4,893	0	0
MAGELLAN HEALTH INC	COM	559079207	1,239	15,830	SH	SOLE	1	15,830	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	182	12,030	SH	SOLE	1	12,030	0	0
MAGNOLIA OIL & GAS CORP A	COM	559663109	796	63,285	SH	SOLE	1	63,285	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	102	4,446	SH	SOLE	1	4,446	0	0
MAJESCO	COM	56068V102	39	4,750	SH	SOLE	1	4,750	0	0
MALIBU BOATS INC A	COM	56117J100	523	12,778	SH	SOLE	1	12,778	0	0
MALLINCKRODT PLC	COM	G5785G107	184	52,622	SH	SOLE	1	52,622	0	0
MALVERN BANCORP INC	COM	561409103	109	4,730	SH	SOLE	1	4,730	0	0
MAMMOTH ENERGY SERVICES INC	COM	56155L108	18	8,138	SH	SOLE	1	8,138	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	9,876	123,831	SH	SOLE	1	123,831	0	0
MANITOWOC COMPANY INC	COM	563571405	385	21,972	SH	SOLE	1	21,972	0	0
MANNKIND CORP	COM	56400P706	151	117,413	SH	SOLE	1	117,413	0	0
MANPOWERGROUP INC	COM	56418H100	11,949	123,058	SH	SOLE	1	123,058	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	1,546	19,351	SH	SOLE	1	19,351	0	0
MARATHON OIL CORP	COM	565849106	4,843	356,655	SH	SOLE	1	356,655	0	0
MARATHON PETROLEUM CORP	COM	56585A102	12,559	208,444	SH	SOLE	1	208,444	0	0
MARCHEX INC CLASS B	COM	56624R108	85	22,478	SH	SOLE	1	22,478	0	0
MARCUS & MILLICHAP INC	COM	566324109	620	16,631	SH	SOLE	1	16,631	0	0
MARCUS CORPORATION	COM	566330106	515	16,212	SH	SOLE	1	16,212	0	0
MARINE PRODUCTS	COM	568427108	67	4,626	SH	SOLE	1	4,626	0	0

CORP										
MARINEMAX INC	COM	567908108	255	15,257	SH	SOLE	1	15,257	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q101	70	32,207	SH	SOLE	1	32,207	0	0
MARKEL CORP	COM	570535104	262	229	SH	SOLE	1	229	0	0
MARKER THERAPEUTICS INC	COM	57055L107	49	16,968	SH	SOLE	1	16,968	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	5,104	13,462	SH	SOLE	1	13,462	0	0
MARLIN BUSINESS SERVICES INC	COM	571157106	119	5,403	SH	SOLE	1	5,403	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	16,857	111,316	SH	SOLE	1	111,316	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	12,562	97,564	SH	SOLE	1	97,564	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	33	32,490	SH	SOLE	1	32,490	0	0
MARSH & MCLENNAN COS	COM	571748102	21,200	190,285	SH	SOLE	1	190,285	0	0
MARTEN TRANSPORT LTD	COM	573075108	608	28,290	SH	SOLE	1	28,290	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	7,197	25,735	SH	SOLE	1	25,735	0	0
MARVELL TECHNOLOGY GROUP LTD	COM	G5876H105	273	10,284	SH	SOLE	1	10,284	0	0
MASCO CORP	COM	574599106	4,747	98,912	SH	SOLE	1	98,912	0	0
MASIMO CORP	COM	574795100	15,018	95,016	SH	SOLE	1	95,016	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	1,114	15,426	SH	SOLE	1	15,426	0	0
MASTEC INC	COM	576323109	9,818	153,024	SH	SOLE	1	153,024	0	0
MASTERCARD INC A	COM	57636Q104	100,421	336,316	SH	SOLE	1	336,316	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	182	11,528	SH	SOLE	1	11,528	0	0
MATADOR RESOURCES CO	COM	576485205	5,021	279,425	SH	SOLE	1	279,425	0	0
MATCH GROUP INC	COM	57665R106	105	1,284	SH	SOLE	1	1,284	0	0
MATERION CORP	COM	576690101	872	14,668	SH	SOLE	1	14,668	0	0
MATRIX SERVICE CO	COM	576853105	445	19,438	SH	SOLE	1	19,438	0	0
MATSON INC	COM	57686G105	1,254	30,729	SH	SOLE	1	30,729	0	0
MATTEL INC	COM	577081102	9,091	670,917	SH	SOLE	1	670,917	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	852	22,313	SH	SOLE	1	22,313	0	0
MAUI LAND & PINEAPPLE CO	COM	577345101	48	4,228	SH	SOLE	1	4,228	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	586	37,425	SH	SOLE	1	37,425	0	0
MAXIM INTEGRATED PRODUCTS	COM	57772K101	6,814	110,773	SH	SOLE	1	110,773	0	0
MAXIMUS INC	COM	577933104	12,074	162,310	SH	SOLE	1	162,310	0	0
MAXLINEAR INC	COM	57776J100	1,011	47,622	SH	SOLE	1	47,622	0	0
MAYVILLE ENGINEERING CO INC	COM	578605107	37	3,949	SH	SOLE	1	3,949	0	0
MBIA INC	COM	55262C100	438	47,114	SH	SOLE	1	47,114	0	0
MCCORMICK & CO NON VTG SHRS	COM	579780206	8,425	49,639	SH	SOLE	1	49,639	0	0
MCDERMOTT INTL INC	COM	580037703	89	131,071	SH	SOLE	1	131,071	0	0
MCDONALD S CORP	COM	580135101	62,781	317,703	SH	SOLE	1	317,703	0	0
MCGRATH RENTCORP	COM	580589109	1,160	15,161	SH	SOLE	1	15,161	0	0
MCKESSON CORP	COM	58155Q103	10,029	72,509	SH	SOLE	1	72,509	0	0
MDC HOLDINGS INC	COM	552676108	1,390	36,429	SH	SOLE	1	36,429	0	0
MDC PARTNERS INC A	COM	552697104	98	35,425	SH	SOLE	1	35,425	0	0
MDU RESOURCES	COM	552690109	11,488	386,667	SH	SOLE	1	386,667	0	0

GROUP INC										
MEDALLIA INC	COM	584021109	11	342	SH	SOLE	1	342	0	0
MEDALLION FINANCIAL CORP	COM	583928106	94	12,920	SH	SOLE	1	12,920	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	21,073	998,231	SH	SOLE	1	998,231	0	0
MEDICINES COMPANY	COM	584688105	4,625	54,445	SH	SOLE	1	54,445	0	0
MEDICINOVA INC	COM	58468P206	177	26,245	SH	SOLE	1	26,245	0	0
MEDIFAST INC	COM	58470H101	882	8,053	SH	SOLE	1	8,053	0	0
MEDNAX INC	COM	58502B106	4,520	162,649	SH	SOLE	1	162,649	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	1,674	19,909	SH	SOLE	1	19,909	0	0
MEDTRONIC PLC	COM	G5960L103	53,978	475,783	SH	SOLE	1	475,783	0	0
MEET GROUP INC/THE	COM	58513U101	217	43,276	SH	SOLE	1	43,276	0	0
MEI PHARMA INC	COM	55279B202	109	44,089	SH	SOLE	1	44,089	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	215	10,721	SH	SOLE	1	10,721	0	0
MELCO RESORTS & ENTERT ADR	ADR	585464100	568	23,513	SH	SOLE	1	23,513	0	0
MENLO THERAPEUTICS INC	COM	586858102	45	9,699	SH	SOLE	1	9,699	0	0
MERCADOLIBRE INC	COM	58733R102	1,841	3,218	SH	SOLE	1	3,218	0	0
MERCANTILE BANK CORP	COM	587376104	366	10,047	SH	SOLE	1	10,047	0	0
MERCER INTERNATIONAL INC	COM	588056101	47	3,837	SH	SOLE	1	3,837	0	0
MERCHANTS BANCORP/IN	COM	58844R108	106	5,398	SH	SOLE	1	5,398	0	0
MERCK & CO. INC.	COM	58933Y105	75,760	832,988	SH	SOLE	1	832,988	0	0
MERCURY GENERAL CORP	COM	589400100	2,551	52,351	SH	SOLE	1	52,351	0	0
MERCURY SYSTEMS INC	COM	589378108	9,695	140,288	SH	SOLE	1	140,288	0	0
MEREDITH CORP	COM	589433101	3,308	101,879	SH	SOLE	1	101,879	0	0
MERIDIAN BANCORP INC	COM	58958U103	604	30,044	SH	SOLE	1	30,044	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	298	30,469	SH	SOLE	1	30,469	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	1,213	38,844	SH	SOLE	1	38,844	0	0
MERITAGE HOMES CORP	COM	59001A102	1,597	26,139	SH	SOLE	1	26,139	0	0
MERITOR INC	COM	59001K100	1,231	47,012	SH	SOLE	1	47,012	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	129	22,488	SH	SOLE	1	22,488	0	0
MESA AIR GROUP INC	COM	590479135	116	13,029	SH	SOLE	1	13,029	0	0
MESA LABORATORIES INC	COM	59064R109	720	2,888	SH	SOLE	1	2,888	0	0
META FINANCIAL GROUP INC	COM	59100U108	928	25,425	SH	SOLE	1	25,425	0	0
METHODE ELECTRONICS INC	COM	591520200	1,040	26,442	SH	SOLE	1	26,442	0	0
METLIFE INC	COM	59156R108	12,790	250,935	SH	SOLE	1	250,935	0	0
METROCITY BANKSHARES INC	COM	59165J105	174	9,945	SH	SOLE	1	9,945	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	212	4,393	SH	SOLE	1	4,393	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	7,475	9,423	SH	SOLE	1	9,423	0	0
MFA FINANCIAL INC	COM	55272X102	54	7,035	SH	SOLE	1	7,035	0	0
MGE ENERGY INC	COM	55277P104	1,723	21,859	SH	SOLE	1	21,859	0	0
MGIC INVESTMENT CORP	COM	552848103	1,969	138,959	SH	SOLE	1	138,959	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	5,892	177,087	SH	SOLE	1	177,087	0	0

MGP INGREDIENTS INC	COM	55303J106	455	9,401	SH	SOLE	1	9,401	0	0
MICHAELS COS INC/THE	COM	59408Q106	484	59,859	SH	SOLE	1	59,859	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	10,981	104,861	SH	SOLE	1	104,861	0	0
MICRON TECHNOLOGY INC	COM	595112103	26,718	496,806	SH	SOLE	1	496,806	0	0
MICROSOFT CORP	COM	594918104	500,610	3,174,447	SH	SOLE	1	3,174,447	0	0
MICROSTRATEGY INC CL A	CL A	594972408	852	5,970	SH	SOLE	1	5,970	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	5,287	40,092	SH	SOLE	1	40,092	0	0
MID PENN BANCORP INC	COM	59540G107	124	4,316	SH	SOLE	1	4,316	0	0
MIDDLEBY CORP	COM	596278101	142	1,299	SH	SOLE	1	1,299	0	0
MIDDLESEX WATER CO	COM	596680108	646	10,163	SH	SOLE	1	10,163	0	0
MIDLAND STATES BANCORP INC	COM	597742105	398	13,736	SH	SOLE	1	13,736	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	269	7,431	SH	SOLE	1	7,431	0	0
MILLENDO THERAPEUTICS INC	COM	60040X103	40	5,881	SH	SOLE	1	5,881	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	257	6,920	SH	SOLE	1	6,920	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	5,103	88,544	SH	SOLE	1	88,544	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	132	18,516	SH	SOLE	1	18,516	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	2,198	17,056	SH	SOLE	1	17,056	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	41	1,684	SH	SOLE	1	1,684	0	0
MISONIX INC	COM	604871103	94	5,027	SH	SOLE	1	5,027	0	0
MISTRAS GROUP INC	COM	60649T107	161	11,271	SH	SOLE	1	11,271	0	0
MITEK SYSTEMS INC	COM	606710200	179	23,404	SH	SOLE	1	23,404	0	0
MKS INSTRUMENTS INC	COM	55306N104	11,572	105,193	SH	SOLE	1	105,193	0	0
MMA CAPITAL HOLDINGS INC	COM	55315D105	96	3,011	SH	SOLE	1	3,011	0	0
MOBILE MINI INC	COM	60740F105	1,202	31,712	SH	SOLE	1	31,712	0	0
MOBILE TELESYSTEMS SP ADR	ADR	607409109	67	6,595	SH	SOLE	1	6,595	0	0
MOBILEIRON INC	COM	60739U204	300	61,711	SH	SOLE	1	61,711	0	0
MODEL N INC	COM	607525102	724	20,649	SH	SOLE	1	20,649	0	0
MODERNA INC	COM	60770K107	90	4,625	SH	SOLE	1	4,625	0	0
MODINE MANUFACTURING CO	COM	607828100	239	31,013	SH	SOLE	1	31,013	0	0
MOELIS & CO CLASS A	COM	60786M105	949	29,737	SH	SOLE	1	29,737	0	0
MOHAWK INDUSTRIES INC	COM	608190104	2,730	20,017	SH	SOLE	1	20,017	0	0
MOLECULAR TEMPLATES INC	COM	608550109	149	10,661	SH	SOLE	1	10,661	0	0
MOLINA HEALTHCARE INC	COM	60855R100	17,007	125,334	SH	SOLE	1	125,334	0	0
MOLSON COORS BREWING CO B	COM	60871R209	3,398	63,036	SH	SOLE	1	63,036	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	1,432	72,578	SH	SOLE	1	72,578	0	0
MOMO INC SPON ADR	ADR	60879B107	60	1,780	SH	SOLE	1	1,780	0	0
MONARCH CASINO & RESORT INC	COM	609027107	400	8,244	SH	SOLE	1	8,244	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	30,593	555,427	SH	SOLE	1	555,427	0	0
MONEYGRAM INTL INC	COM NEW	60935Y208	49	23,384	SH	SOLE	2	23,384	0	0
MONGODB INC	COM	60937P106	129	978	SH	SOLE	1	978	0	0

MONMOUTH REAL ESTATE INV COR	COM	609720107	980	67,685	SH	SOLE	1	67,685	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	13,941	78,312	SH	SOLE	1	78,312	0	0
MONRO INC	COM	610236101	1,848	23,635	SH	SOLE	1	23,635	0	0
MONSTER BEVERAGE CORP	COM	61174X109	11,382	179,110	SH	SOLE	1	179,110	0	0
MONTAGE RESOURCES CORP	COM	61179L100	106	13,395	SH	SOLE	1	13,395	0	0
MOODY S CORP	COM	615369105	15,825	66,655	SH	SOLE	1	66,655	0	0
MOOG INC CLASS A	COM	615394202	1,982	23,226	SH	SOLE	1	23,226	0	0
MORGAN STANLEY	COM	617446448	20,187	394,894	SH	SOLE	1	394,894	0	0
MORNINGSTAR INC	COM	617700109	70	460	SH	SOLE	1	460	0	0
MORPHIC HOLDING INC	COM	61775R105	53	3,096	SH	SOLE	1	3,096	0	0
MOSAIC CO/THE	COM	61945C103	2,962	136,857	SH	SOLE	1	136,857	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	298	13,524	SH	SOLE	1	13,524	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	10,303	63,941	SH	SOLE	1	63,941	0	0
MOVADO GROUP INC	COM	624580106	248	11,430	SH	SOLE	1	11,430	0	0
MR COOPER GROUP INC	COM	62482R107	596	47,662	SH	SOLE	1	47,662	0	0
MRC GLOBAL INC	COM	55345K103	672	49,271	SH	SOLE	1	49,271	0	0
MSA SAFETY INC	COM	553498106	11,414	90,333	SH	SOLE	1	90,333	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	6,820	86,911	SH	SOLE	1	86,911	0	0
MSCI INC	COM	55354G100	8,868	34,350	SH	SOLE	1	34,350	0	0
MSG NETWORKS INC A	COM	553573106	468	26,905	SH	SOLE	1	26,905	0	0
MTS SYSTEMS CORP	COM	553777103	622	12,953	SH	SOLE	1	12,953	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,276	40,195	SH	SOLE	1	40,195	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	1,178	98,296	SH	SOLE	1	98,296	0	0
MURPHY OIL CORP	COM	626717102	7,728	288,346	SH	SOLE	1	288,346	0	0
MURPHY USA INC	COM	626755102	8,612	73,607	SH	SOLE	1	73,607	0	0
MUSTANG BIO INC	COM	62818Q104	71	17,432	SH	SOLE	1	17,432	0	0
MUTUALFIRST FINANCIAL INC	COM	62845B104	145	3,667	SH	SOLE	1	3,667	0	0
MVB FINANCIAL CORP	COM	553810102	150	6,001	SH	SOLE	1	6,001	0	0
MYERS INDUSTRIES INC	COM	628464109	427	25,617	SH	SOLE	1	25,617	0	0
MYLAN NV	COM	N59465109	3,493	173,757	SH	SOLE	1	173,757	0	0
MYOKARDIA INC	COM	62857M105	2,028	27,822	SH	SOLE	1	27,822	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	381	11,677	SH	SOLE	1	11,677	0	0
MYRIAD GENETICS INC	COM	62855J104	1,407	51,664	SH	SOLE	1	51,664	0	0
N B T BANCORP INC	COM	628778102	1,255	30,933	SH	SOLE	1	30,933	0	0
NABORS INDUSTRIES LTD	COM	G6359F103	729	253,223	SH	SOLE	1	253,223	0	0
NACCO INDUSTRIES CL A	CL A	629579103	108	2,310	SH	SOLE	1	2,310	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	582	20,932	SH	SOLE	1	20,932	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	213	7,244	SH	SOLE	1	7,244	0	0
NASDAQ INC	COM	631103108	8,210	76,658	SH	SOLE	1	76,658	0	0
NATERA INC	COM	632307104	1,315	39,029	SH	SOLE	1	39,029	0	0
NATHAN S FAMOUS INC	COM	632347100	130	1,834	SH	SOLE	1	1,834	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	756	21,462	SH	SOLE	1	21,462	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	178	3,956	SH	SOLE	1	3,956	0	0
NATIONAL BEVERAGE CORP	COM	635017106	434	8,511	SH	SOLE	1	8,511	0	0
NATIONAL CINEMEDIA	COM	635309107	284	39,017	SH	SOLE	1	39,017	0	0

INC										
NATIONAL ENERGY SERVICES REU	COM	G6375R107	135	14,855	SH	SOLE	1	14,855	0	0
NATIONAL FUEL GAS CO	COM	636180101	7,750	166,530	SH	SOLE	1	166,530	0	0
NATIONAL GENERAL HLDGS	COM	636220303	938	42,446	SH	SOLE	1	42,446	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	662	7,654	SH	SOLE	1	7,654	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	9,649	227,887	SH	SOLE	1	227,887	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	3,867	154,373	SH	SOLE	1	154,373	0	0
NATIONAL PRESTO INDS INC	COM	637215104	318	3,598	SH	SOLE	1	3,598	0	0
NATIONAL RESEARCH CORP	COM	637372202	497	7,533	SH	SOLE	1	7,533	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	17,905	333,915	SH	SOLE	1	333,915	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	1,441	42,852	SH	SOLE	1	42,852	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	1,591	49,065	SH	SOLE	1	49,065	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	416	1,429	SH	SOLE	1	1,429	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	2,325	28,533	SH	SOLE	1	28,533	0	0
NATURAL GAS SERVICES GROUP	COM	63886Q109	98	8,021	SH	SOLE	1	8,021	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	56	5,676	SH	SOLE	1	5,676	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	49	5,477	SH	SOLE	1	5,477	0	0
NATUS MEDICAL INC	COM	639050103	805	24,393	SH	SOLE	1	24,393	0	0
NAVIENT CORP	COM	63938C108	5,137	375,525	SH	SOLE	1	375,525	0	0
NAVISTAR INTERNATIONAL CORP	COM	63934E108	899	31,053	SH	SOLE	1	31,053	0	0
NCR CORPORATION	COM	62886E108	8,687	247,069	SH	SOLE	1	247,069	0	0
NCS MULTISTAGE HOLDINGS INC	COM	628877102	15	7,193	SH	SOLE	1	7,193	0	0
NEENAH INC	COM	640079109	852	12,095	SH	SOLE	1	12,095	0	0
NEKTAR THERAPEUTICS	COM	640268108	7,655	354,662	SH	SOLE	1	354,662	0	0
NELNET INC CL A	CL A	64031N108	653	11,210	SH	SOLE	1	11,210	0	0
NEOGEN CORP	COM	640491106	2,423	37,131	SH	SOLE	1	37,131	0	0
NEOGENOMICS INC	COM	64049M209	2,039	69,709	SH	SOLE	1	69,709	0	0
NEON THERAPEUTICS INC	COM	64050Y100	10	8,854	SH	SOLE	1	8,854	0	0
NEOPHOTONICS CORP	COM	64051T100	217	24,652	SH	SOLE	1	24,652	0	0
NETAPP INC	COM	64110D104	316,966	5,091,816	SH	SOLE	1	5,091,816	0	0
NETEASE INC ADR	ADR	64110W102	1,749	5,703	SH	SOLE	1	5,703	0	0
NETFLIX INC	COM	64110L106	62,130	192,014	SH	SOLE	1	192,014	0	0
NETGEAR INC	COM	64111Q104	528	21,546	SH	SOLE	1	21,546	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	4,117	171,047	SH	SOLE	1	171,047	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	228	2,119	SH	SOLE	1	2,119	0	0
NEURONETICS INC	COM	64131A105	38	8,354	SH	SOLE	1	8,354	0	0
NEVRO CORP	COM	64157F103	2,202	18,730	SH	SOLE	1	18,730	0	0
NEW AGE BEVERAGES CORP	COM	64157V108	85	46,963	SH	SOLE	1	46,963	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	10,627	238,431	SH	SOLE	1	238,431	0	0
NEW ORIENTAL EDUC SP ADR	ADR	647581107	243	2,001	SH	SOLE	1	2,001	0	0
NEW RELIC INC	COM	64829B100	76	1,162	SH	SOLE	1	1,162	0	0

NEW RESIDENTIAL INVESTMENT	COM	64828T201	105	6,504	SH	SOLE	1	6,504	0	0
NEW SENIOR INVESTMENT GROUP	COM	648691103	401	52,433	SH	SOLE	1	52,433	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	10,839	901,730	SH	SOLE	1	901,730	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	1,201	192,712	SH	SOLE	1	192,712	0	0
NEW YORK TIMES CO A	COM	650111107	8,942	277,957	SH	SOLE	1	277,957	0	0
NEWELL BRANDS INC	COM	651229106	2,865	149,059	SH	SOLE	1	149,059	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	1,210	89,929	SH	SOLE	1	89,929	0	0
NEWMARKET CORP	COM	651587107	6,954	14,293	SH	SOLE	1	14,293	0	0
NEWMONT GOLDCORP CORP	COM	651639106	11,993	276,015	SH	SOLE	1	276,015	0	0
NEWPARK RESOURCES INC	COM	651718504	403	64,310	SH	SOLE	1	64,310	0	0
NEWS CORP CLASS A	COM	65249B109	1,849	130,762	SH	SOLE	1	130,762	0	0
NEWS CORP CLASS B	COM	65249B208	595	40,992	SH	SOLE	1	40,992	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	559	12,415	SH	SOLE	1	12,415	0	0
NEXSTAR MEDIA GROUP INC CL A	CL A	65336K103	114	971	SH	SOLE	1	971	0	0
NEXTCURE INC	COM	65343E108	497	8,817	SH	SOLE	1	8,817	0	0
NEXTDECADE CORP	COM	65342K105	48	7,859	SH	SOLE	1	7,859	0	0
NEXTERA ENERGY INC	COM	65339F101	38,699	159,806	SH	SOLE	1	159,806	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	625	38,885	SH	SOLE	1	38,885	0	0
NEXTIER OILFIELD SOLUTIONS I	COM	65290C105	669	99,779	SH	SOLE	1	99,779	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	283	15,289	SH	SOLE	1	15,289	0	0
NI HOLDINGS INC	COM	65342T106	103	5,975	SH	SOLE	1	5,975	0	0
NIC INC	COM	62914B100	1,064	47,595	SH	SOLE	1	47,595	0	0
NICOLET BANKSHARES INC	COM	65406E102	432	5,856	SH	SOLE	1	5,856	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	2,981	146,831	SH	SOLE	1	146,831	0	0
NIKE INC CL B	COM	654106103	41,471	409,348	SH	SOLE	1	409,348	0	0
NINE ENERGY SERVICE INC	COM	65441V101	78	9,952	SH	SOLE	1	9,952	0	0
NIO INC ADR	ADR	62914V106	30	7,500	SH	SOLE	1	7,500	0	0
NISOURCE INC	COM	65473P105	3,821	137,265	SH	SOLE	1	137,265	0	0
NL INDUSTRIES	COM	629156407	20	5,239	SH	SOLE	1	5,239	0	0
NLIGHT INC	COM	65487K100	420	20,695	SH	SOLE	1	20,695	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,570	47,306	SH	SOLE	1	47,306	0	0
NN INC	COM	629337106	243	26,271	SH	SOLE	1	26,271	0	0
NOAH HOLDINGS LTD SPON ADS	ADR	65487X102	11	300	SH	SOLE	1	300	0	0
NOBLE CORP PLC	COM	G65431101	219	179,259	SH	SOLE	1	179,259	0	0
NOBLE ENERGY INC	COM	655044105	4,995	201,096	SH	SOLE	1	201,096	0	0
NOODLES & CO	COM	65540B105	99	17,879	SH	SOLE	1	17,879	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	429	87,246	SH	SOLE	1	87,246	0	0
NORDSON CORP	COM	655663102	16,161	99,247	SH	SOLE	1	99,247	0	0
NORDSTROM INC	COM	655664100	2,584	63,124	SH	SOLE	1	63,124	0	0
NORFOLK SOUTHERN CORP	COM	655844108	18,900	97,360	SH	SOLE	1	97,360	0	0
NORTHEAST BANK	COM	66405S100	114	5,172	SH	SOLE	1	5,172	0	0
NORTHERN OIL AND GAS INC	COM	665531109	435	185,723	SH	SOLE	1	185,723	0	0
NORTHERN TRUST CORP	COM	665859104	9,221	86,798	SH	SOLE	1	86,798	0	0

NORTHFIELD BANCORP INC	COM	66611T108	534	31,485	SH	SOLE	1	31,485	0	0
NORTHRIM BANCORP INC	COM	666762109	155	4,039	SH	SOLE	1	4,039	0	0
NORTHROP GRUMMAN CORP	COM	666807102	17,911	52,070	SH	SOLE	1	52,070	0	0
NORTHWEST BANCSHARES INC	COM	667340103	1,205	72,469	SH	SOLE	1	72,469	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	1,612	21,864	SH	SOLE	1	21,864	0	0
NORTHWEST PIPE CO	COM	667746101	200	5,992	SH	SOLE	1	5,992	0	0
NORTHWESTERN CORP	COM	668074305	9,195	128,294	SH	SOLE	1	128,294	0	0
NORTONLIFELOCK INC	COM	668771108	5,031	197,138	SH	SOLE	1	197,138	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	4,206	72,005	SH	SOLE	1	72,005	0	0
NORWOOD FINANCIAL CORP	COM	669549107	141	3,615	SH	SOLE	1	3,615	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	1,299	144,944	SH	SOLE	1	144,944	0	0
NOVANTA INC	COM	67000B104	1,865	21,089	SH	SOLE	1	21,089	0	0
NOVAVAX INC	COM	670002401	66	16,638	SH	SOLE	1	16,638	0	0
NOVOCURE LTD	COM	G6674U108	4,584	54,400	SH	SOLE	1	54,400	0	0
NOW INC	COM	67011P100	3,103	276,096	SH	SOLE	1	276,096	0	0
NRG ENERGY INC	COM	629377508	4,959	124,743	SH	SOLE	1	124,743	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	4,393	107,190	SH	SOLE	1	107,190	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	80	4,485	SH	SOLE	1	4,485	0	0
NUCOR CORP	COM	670346105	10,463	185,911	SH	SOLE	1	185,911	0	0
NUTANIX INC A	COM	67059N108	103	3,282	SH	SOLE	1	3,282	0	0
NUVASIVE INC	COM	670704105	10,225	132,204	SH	SOLE	1	132,204	0	0
NV5 GLOBAL INC	COM	62945V109	327	6,485	SH	SOLE	1	6,485	0	0
NVE CORP	COM	629445206	213	2,988	SH	SOLE	1	2,988	0	0
NVENT ELECTRIC PLC	COM	G6700G107	7,681	300,268	SH	SOLE	1	300,268	0	0
NVIDIA CORP	COM	67066G104	61,770	262,518	SH	SOLE	1	262,518	0	0
NVR INC	COM	62944T105	4,696	1,233	SH	SOLE	1	1,233	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	7,411	58,235	SH	SOLE	1	58,235	0	0
O I GLASS INC	COM	67098H104	3,583	300,343	SH	SOLE	1	300,343	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	15,256	34,810	SH	SOLE	1	34,810	0	0
OAK VALLEY BANCORP	COM	671807105	83	4,285	SH	SOLE	1	4,285	0	0
OASIS PETROLEUM INC	COM	674215108	742	227,715	SH	SOLE	1	227,715	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	298,358	7,239,952	SH	SOLE	1	7,239,952	0	0
OCEANEERING INTL INC	COM	675232102	1,066	71,527	SH	SOLE	1	71,527	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	794	31,105	SH	SOLE	1	31,105	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	104	26,448	SH	SOLE	1	26,448	0	0
OCWEN FINANCIAL CORP	COM	675746309	116	84,336	SH	SOLE	1	84,336	0	0
ODONATE THERAPEUTICS INC	COM	676079106	238	7,343	SH	SOLE	1	7,343	0	0
OFFICE DEPOT INC	COM	676220106	1,403	512,111	SH	SOLE	1	512,111	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	1,109	34,499	SH	SOLE	1	34,499	0	0
OFG BANCORP	COM	67103X102	1,960	83,025	SH	SOLE	1	83,025	0	0
OGE ENERGY CORP	COM	670837103	17,180	386,319	SH	SOLE	1	386,319	0	0
OHIO VALLEY BANC CORP	COM	677719106	103	2,593	SH	SOLE	1	2,593	0	0
OIL DRI CORP OF AMERICA	COM	677864100	119	3,293	SH	SOLE	1	3,293	0	0

OIL STATES INTERNATIONAL INC	COM	678026105	707	43,318	SH	SOLE	1	43,318	0	0
OKTA INC	COM	679295105	276	2,394	SH	SOLE	1	2,394	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	4,260	22,445	SH	SOLE	1	22,445	0	0
OLD NATIONAL BANCORP	COM	680033107	2,235	122,191	SH	SOLE	1	122,191	0	0
OLD REPUBLIC INTL CORP	COM	680223104	12,318	550,661	SH	SOLE	1	550,661	0	0
OLD SECOND BANCORP INC	COM	680277100	245	18,162	SH	SOLE	1	18,162	0	0
OLIN CORP	COM	680665205	5,317	308,229	SH	SOLE	1	308,229	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	6,917	105,917	SH	SOLE	1	105,917	0	0
OLYMPIC STEEL INC	COM	68162K106	119	6,651	SH	SOLE	1	6,651	0	0
OMEGA FLEX INC	COM	682095104	195	1,815	SH	SOLE	1	1,815	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	18,006	425,166	SH	SOLE	1	425,166	0	0
OMEROS CORP	COM	682143102	416	29,558	SH	SOLE	1	29,558	0	0
OMNICELL INC	COM	68213N109	2,449	29,967	SH	SOLE	1	29,967	0	0
OMNICOM GROUP	COM	681919106	339,805	4,194,088	SH	SOLE	1	4,194,088	0	0
OMNOVA SOLUTIONS INC	COM	682129101	277	27,437	SH	SOLE	1	27,437	0	0
ON DECK CAPITAL INC	COM	682163100	163	39,399	SH	SOLE	1	39,399	0	0
ON SEMICONDUCTOR CORP	COM	682189105	156	6,394	SH	SOLE	1	6,394	0	0
ONCOCYTE CORP	COM	68235C107	30	13,460	SH	SOLE	1	13,460	0	0
ONE GAS INC	COM	68235P108	12,508	133,676	SH	SOLE	1	133,676	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	265	9,738	SH	SOLE	1	9,738	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	43	1,022	SH	SOLE	1	1,022	0	0
ONEOK INC	COM	682680103	13,715	181,250	SH	SOLE	1	181,250	0	0
ONESPAN INC	COM	68287N100	405	23,634	SH	SOLE	1	23,634	0	0
ONESPAWORLD HOLDINGS LTD	COM	P73684113	479	28,439	SH	SOLE	1	28,439	0	0
ONTO INNOVATION INC	COM	683344105	1,273	34,843	SH	SOLE	1	34,843	0	0
OOMA INC	COM	683416101	164	12,428	SH	SOLE	1	12,428	0	0
OP BANCORP	COM	67109R109	85	8,217	SH	SOLE	1	8,217	0	0
OPKO HEALTH INC	COM	68375N103	355	241,456	SH	SOLE	1	241,456	0	0
OPORTUN FINANCIAL CORP	COM	68376D104	108	4,540	SH	SOLE	1	4,540	0	0
OPPENHEIMER HOLDINGS CL A	CL A	683797104	164	5,977	SH	SOLE	1	5,977	0	0
OPTIMIZERX CORP	COM	68401U204	89	8,640	SH	SOLE	1	8,640	0	0
OPTINOSE INC	COM	68404V100	144	15,605	SH	SOLE	1	15,605	0	0
OPTION CARE HEALTH INC	COM	68404L102	288	77,136	SH	SOLE	1	77,136	0	0
OPUS BANK	COM	684000102	408	15,778	SH	SOLE	1	15,778	0	0
ORACLE CORP	COM	68389X105	40,970	773,318	SH	SOLE	1	773,318	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	357	44,431	SH	SOLE	1	44,431	0	0
ORBCOMM INC	COM	68555P100	193	45,782	SH	SOLE	1	45,782	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X103	232	39,656	SH	SOLE	1	39,656	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	33	6,844	SH	SOLE	1	6,844	0	0
ORIGIN BANCORP INC	COM	68621T102	453	11,964	SH	SOLE	1	11,964	0	0
ORION ENGINEERED CARBONS SA	COM	L72967109	728	37,741	SH	SOLE	1	37,741	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	1,852	24,854	SH	SOLE	1	24,854	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	143	6,336	SH	SOLE	1	6,336	0	0

ORTHOFIX MEDICAL INC	COM	68752M108	607	13,141	SH	SOLE	1	13,141	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	263	5,592	SH	SOLE	1	5,592	0	0
OSHKOSH CORP	COM	688239201	12,432	131,344	SH	SOLE	1	131,344	0	0
OSI SYSTEMS INC	COM	671044105	1,230	12,207	SH	SOLE	1	12,207	0	0
OSMOTICA PHARMACEUTICALS PLC	COM	G6S41R101	35	4,946	SH	SOLE	1	4,946	0	0
OTTER TAIL CORP	COM	689648103	1,267	24,694	SH	SOLE	1	24,694	0	0
OUTFRONT MEDIA INC	COM	69007J106	1,525	56,869	SH	SOLE	1	56,869	0	0
OVERSEAS SHIPHOLDING GROUP A	COM	69036R863	93	40,519	SH	SOLE	1	40,519	0	0
OVERSTOCK.COM INC	COM	690370101	119	16,837	SH	SOLE	1	16,837	0	0
OWENS & MINOR INC	COM	690732102	231	44,625	SH	SOLE	1	44,625	0	0
OWENS CORNING	COM	690742101	13,671	209,929	SH	SOLE	1	209,929	0	0
OXFORD INDUSTRIES INC	COM	691497309	909	12,052	SH	SOLE	1	12,052	0	0
OYSTER POINT PHARMA INC	COM	69242L106	86	3,523	SH	SOLE	1	3,523	0	0
P G & E CORP	COM	69331C108	90	8,314	SH	SOLE	1	8,314	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	69	1,193	SH	SOLE	1	1,193	0	0
PACCAR INC	COM	693718108	13,115	165,802	SH	SOLE	1	165,802	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	458	89,129	SH	SOLE	1	89,129	0	0
PACIFIC DRILLING SA	COM	L7257P205	76	18,693	SH	SOLE	1	18,693	0	0
PACIFIC MERCANTILE BANCORP	COM	694552100	99	12,180	SH	SOLE	1	12,180	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,373	42,105	SH	SOLE	1	42,105	0	0
PACIRA BIOSCIENCES INC	COM	695127100	1,344	29,662	SH	SOLE	1	29,662	0	0
PACKAGING CORP OF AMERICA	COM	695156109	5,184	46,289	SH	SOLE	1	46,289	0	0
PACWEST BANCORP	COM	695263103	11,406	298,036	SH	SOLE	1	298,036	0	0
PAGERDUTY INC	COM	69553P100	5	235	SH	SOLE	1	235	0	0
PALATIN TECHNOLOGIES INC	COM	696077403	112	142,983	SH	SOLE	1	142,983	0	0
PALO ALTO NETWORKS INC	COM	697435105	508	2,197	SH	SOLE	1	2,197	0	0
PALOMAR HOLDINGS INC	COM	69753M105	396	7,842	SH	SOLE	1	7,842	0	0
PAMPA ENERGIA SA SPON ADR	ADR	697660207	12	719	SH	SOLE	1	719	0	0
PANHANDLE OIL AND GAS INC A	COM	698477106	108	9,605	SH	SOLE	1	9,605	0	0
PAPA JOHN S INTL INC	COM	698813102	3,539	56,045	SH	SOLE	1	56,045	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	598	25,713	SH	SOLE	1	25,713	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	223	7,242	SH	SOLE	1	7,242	0	0
PARAMOUNT GROUP INC	COM	69924R108	44	3,156	SH	SOLE	1	3,156	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	83	20,582	SH	SOLE	1	20,582	0	0
PARETEUM CORP	COM	69946T207	35	80,623	SH	SOLE	1	80,623	0	0
PARK AEROSPACE CORP	COM	70014A104	221	13,564	SH	SOLE	1	13,564	0	0
PARK HOTELS & RESORTS INC	COM	700517105	11,953	462,037	SH	SOLE	1	462,037	0	0
PARK NATIONAL CORP	COM	700658107	851	8,309	SH	SOLE	1	8,309	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	183	5,452	SH	SOLE	1	5,452	0	0
PARKE BANCORP INC	COM	700885106	143	5,638	SH	SOLE	1	5,638	0	0

PARKER DRILLING CO POST BANK	COM	701081507	131	5,838	SH	SOLE	1	5,838	0	0
PARKER HANNIFIN CORP	COM	701094104	13,200	64,136	SH	SOLE	1	64,136	0	0
PARSLEY ENERGY INC CLASS A	COM	701877102	102	5,412	SH	SOLE	1	5,412	0	0
PARSONS CORP	COM	70202L102	497	12,033	SH	SOLE	1	12,033	0	0
PARTY CITY HOLDCO IN	COM	702149105	65	27,956	SH	SOLE	2	27,956	0	0
PARTY CITY HOLDCO INC	COM	702149105	79	33,777	SH	SOLE	1	33,777	0	0
PATRICK INDUSTRIES INC	COM	703343103	853	16,266	SH	SOLE	1	16,266	0	0
PATTERN ENERGY GROUP INC A	COM	70338P100	1,480	55,313	SH	SOLE	1	55,313	0	0
PATTERSON COS INC	COM	703395103	4,450	217,264	SH	SOLE	1	217,264	0	0
PATTERSON UTI ENERGY INC	COM	703481101	3,943	375,526	SH	SOLE	1	375,526	0	0
PAYCHEX INC	COM	704326107	26,081	306,618	SH	SOLE	1	306,618	0	0
PAYCOM SOFTWARE INC	COM	70432V102	306	1,155	SH	SOLE	1	1,155	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	92	760	SH	SOLE	1	760	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	55,325	511,465	SH	SOLE	1	511,465	0	0
PAYSIGN INC	COM	70451A104	192	18,919	SH	SOLE	1	18,919	0	0
PBF ENERGY INC CLASS A	COM	69318G106	6,176	196,870	SH	SOLE	1	196,870	0	0
PC CONNECTION INC	COM	69318J100	350	7,048	SH	SOLE	1	7,048	0	0
PCB BANCORP	COM	69320M109	132	7,615	SH	SOLE	1	7,615	0	0
PCSB FINANCIAL CORP	COM	69324R104	205	10,142	SH	SOLE	1	10,142	0	0
PDC ENERGY INC	COM	69327R101	1,160	44,337	SH	SOLE	1	44,337	0	0
PDF SOLUTIONS INC	COM	693282105	344	20,367	SH	SOLE	1	20,367	0	0
PDL BIOPHARMA INC	COM	69329Y104	229	70,546	SH	SOLE	1	70,546	0	0
PDL COMMUNITY BANCORP	COM	69290X101	77	5,226	SH	SOLE	1	5,226	0	0
PEABODY ENERGY CORP	COM	704551100	366	40,098	SH	SOLE	1	40,098	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	358	11,597	SH	SOLE	1	11,597	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	8,888	331,526	SH	SOLE	1	331,526	0	0
PEGASYSTEMS INC	COM	705573103	71	893	SH	SOLE	1	893	0	0
PENN NATIONAL GAMING INC	COM	707569109	7,090	277,372	SH	SOLE	1	277,372	0	0
PENN REAL ESTATE INVEST TST	COM	709102107	262	49,209	SH	SOLE	1	49,209	0	0
PENN VIRGINIA CORP	COM	70788V102	297	9,778	SH	SOLE	1	9,778	0	0
PENNANT GROUP INC/THE	COM	70805E109	607	18,351	SH	SOLE	1	18,351	0	0
PENNS WOODS BANCORP INC	COM	708430103	153	4,295	SH	SOLE	1	4,295	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	532	15,642	SH	SOLE	1	15,642	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	1,467	65,817	SH	SOLE	1	65,817	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	27	546	SH	SOLE	1	546	0	0
PENTAIR PLC	COM	G7S00T104	2,596	56,586	SH	SOLE	1	56,586	0	0
PENUMBRA INC	COM	70975L107	10,222	62,225	SH	SOLE	1	62,225	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	2,526	149,481	SH	SOLE	1	149,481	0	0
PEOPLE S UTAH BANCORP	COM	712706209	296	9,818	SH	SOLE	1	9,818	0	0
PEOPLES BANCORP INC	COM	709789101	391	11,270	SH	SOLE	1	11,270	0	0
PEOPLES BANCORP OF NC	COM	710577107	95	2,882	SH	SOLE	1	2,882	0	0

PEOPLES FINANCIAL SERVICES	COM	711040105	217	4,315	SH	SOLE	1	4,315	0	0
PEPSICO INC	COM	713448108	89,506	654,906	SH	SOLE	1	654,906	0	0
PERFICIENT INC	COM	71375U101	1,066	23,132	SH	SOLE	1	23,132	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	3,319	64,466	SH	SOLE	1	64,466	0	0
PERKINELMER INC	COM	714046109	3,718	38,292	SH	SOLE	1	38,292	0	0
PERRIGO CO PLC	COM	G97822103	3,764	72,867	SH	SOLE	1	72,867	0	0
PERSONALIS INC	COM	71535D106	61	5,576	SH	SOLE	1	5,576	0	0
PERSPECTA INC	COM	715347100	9,276	350,840	SH	SOLE	1	350,840	0	0
PETIQ INC	COM	71639T106	310	12,384	SH	SOLE	1	12,384	0	0
PETMED EXPRESS INC	COM	716382106	334	14,205	SH	SOLE	1	14,205	0	0
PFENEX INC	COM	717071104	205	18,681	SH	SOLE	1	18,681	0	0
PFIZER INC	COM	717081103	406,857	10,384,297	SH	SOLE	1	10,384,297	0	0
PGT INNOVATIONS INC	COM	69336V101	613	41,136	SH	SOLE	1	41,136	0	0
PHASEBIO PHARMACEUTICALS INC	COM	717224109	52	8,592	SH	SOLE	1	8,592	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	210	6,738	SH	SOLE	1	6,738	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	365	14,716	SH	SOLE	1	14,716	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	368,778	4,333,974	SH	SOLE	1	4,333,974	0	0
PHILLIPS 66	COM	718546104	19,039	170,890	SH	SOLE	1	170,890	0	0
PHOTRONICS INC	COM	719405102	745	47,280	SH	SOLE	1	47,280	0	0
PHREESIA INC	COM	71944F106	166	6,213	SH	SOLE	1	6,213	0	0
PHUNWARE INC	COM	71948P100	23	19,322	SH	SOLE	1	19,322	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	2,389	126,153	SH	SOLE	1	126,153	0	0
PICO HOLDINGS INC	COM	693366205	125	11,253	SH	SOLE	1	11,253	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	1,744	78,432	SH	SOLE	1	78,432	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	105	28,980	SH	SOLE	1	28,980	0	0
PILGRIM S PRIDE CORP	COM	72147K108	3,314	101,306	SH	SOLE	1	101,306	0	0
PINDUODUO INC ADR	ADR	722304102	95	2,500	SH	SOLE	1	2,500	0	0
PING IDENTITY HOLDING CORP	COM	72341T103	210	8,627	SH	SOLE	1	8,627	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	8,893	138,946	SH	SOLE	1	138,946	0	0
PINNACLE WEST CAPITAL	COM	723484101	3,403	37,844	SH	SOLE	1	37,844	0	0
PIONEER BANCORP INC/NY	COM	723561106	106	6,916	SH	SOLE	1	6,916	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	10,391	68,646	SH	SOLE	1	68,646	0	0
PIPER JAFFRAY COS	COM	724078100	799	9,994	SH	SOLE	1	9,994	0	0
PITNEY BOWES INC	COM	724479100	498	123,678	SH	SOLE	1	123,678	0	0
PJT PARTNERS INC A	COM	69343T107	639	14,161	SH	SOLE	1	14,161	0	0
PLANET FITNESS INC CL A	CL A	72703H101	148	1,986	SH	SOLE	1	1,986	0	0
PLANTRONICS INC	COM	727493108	665	24,308	SH	SOLE	1	24,308	0	0
PLAYAGS INC	COM	72814N104	202	16,661	SH	SOLE	1	16,661	0	0
PLEXUS CORP	COM	729132100	1,608	20,900	SH	SOLE	1	20,900	0	0
PLUG POWER INC	COM	72919P202	485	153,354	SH	SOLE	1	153,354	0	0
PLURALSIGHT INC A	COM	72941B106	25	1,459	SH	SOLE	1	1,459	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	29,776	186,533	SH	SOLE	1	186,533	0	0
PNM RESOURCES INC	COM	69349H107	10,257	202,276	SH	SOLE	1	202,276	0	0
POLARIS INC	COM	731068102	11,327	111,376	SH	SOLE	1	111,376	0	0

POLARITYTE INC	COM	731094108	25	9,592	SH	SOLE	1	9,592	0	0
POLYONE CORPORATION	COM	73179P106	7,185	195,294	SH	SOLE	1	195,294	0	0
POOL CORP	COM	73278L105	16,469	77,545	SH	SOLE	1	77,545	0	0
POPULAR INC	COM	733174700	88	1,493	SH	SOLE	1	1,493	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	3,137	56,236	SH	SOLE	1	56,236	0	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	1,140	47,741	SH	SOLE	1	47,741	0	0
POST HOLDINGS INC	COM	737446104	14,017	128,474	SH	SOLE	1	128,474	0	0
POTBELLY CORP	COM	73754Y100	55	13,017	SH	SOLE	1	13,017	0	0
POTLATCHDELTA CORP	COM	737630103	7,360	170,105	SH	SOLE	1	170,105	0	0
POWELL INDUSTRIES INC	COM	739128106	315	6,429	SH	SOLE	1	6,429	0	0
POWER INTEGRATIONS INC	COM	739276103	2,033	20,557	SH	SOLE	1	20,557	0	0
PPG INDUSTRIES INC	COM	693506107	11,819	88,538	SH	SOLE	1	88,538	0	0
PPL CORP	COM	69351T106	10,595	295,279	SH	SOLE	1	295,279	0	0
PQ GROUP HOLDINGS INC	COM	73943T103	408	23,721	SH	SOLE	1	23,721	0	0
PRA GROUP INC	COM	69354N106	1,181	32,540	SH	SOLE	1	32,540	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	13,619	122,529	SH	SOLE	1	122,529	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	312	22,497	SH	SOLE	1	22,497	0	0
PREFERRED APARTMENT COMMUN A	COM	74039L103	382	28,665	SH	SOLE	1	28,665	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	600	9,983	SH	SOLE	1	9,983	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	116	1,924	SH	SOLE	1	1,924	0	0
PREMIER FINANCIAL BANCORP	COM	74050M105	148	8,165	SH	SOLE	1	8,165	0	0
PREMIER INC CLASS A	COM	74051N102	31	813	SH	SOLE	1	813	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	5,173	127,737	SH	SOLE	1	127,737	0	0
PREVAIL THERAPEUTICS INC	COM	74140Y101	74	4,645	SH	SOLE	1	4,645	0	0
PRGX GLOBAL INC	COM	69357C503	63	12,794	SH	SOLE	1	12,794	0	0
PRICESMART INC	COM	741511109	1,151	16,208	SH	SOLE	1	16,208	0	0
PRIMEENERGY RESOURCES CORP	COM	74158E104	49	322	SH	SOLE	1	322	0	0
PRIMERICA INC	COM	74164M108	10,453	80,061	SH	SOLE	1	80,061	0	0
PRIMO WATER CORP	COM	74165N105	246	21,940	SH	SOLE	1	21,940	0	0
PRIMORIS SERVICES CORP	COM	74164F103	617	27,752	SH	SOLE	1	27,752	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	5,233	95,142	SH	SOLE	1	95,142	0	0
PRINCIPIA BIOPHARMA INC	COM	74257L108	631	11,521	SH	SOLE	1	11,521	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	10	4,104	SH	SOLE	1	4,104	0	0
PROASSURANCE CORP	COM	74267C106	1,393	38,534	SH	SOLE	1	38,534	0	0
PROCTER & GAMBLE CO/THE	COM	742718109	123,789	991,106	SH	SOLE	1	991,106	0	0
PROGENICS PHARMACEUTICALS	COM	743187106	319	62,724	SH	SOLE	1	62,724	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,335	32,140	SH	SOLE	1	32,140	0	0
PROGRESSIVE CORP	COM	743315103	16,357	225,955	SH	SOLE	1	225,955	0	0
PROGYNY INC	COM	74340E103	199	7,265	SH	SOLE	1	7,265	0	0
PROLOGIS INC	COM	74340W103	22,053	247,396	SH	SOLE	1	247,396	0	0

PROOFPOINT INC	COM	743424103	148	1,287	SH	SOLE	1	1,287	0	0
PROPETRO HOLDING CORP	COM	74347M108	652	57,941	SH	SOLE	1	57,941	0	0
PROS HOLDINGS INC	COM	74346Y103	1,235	20,605	SH	SOLE	1	20,605	0	0
PROSIGHT GLOBAL INC	COM	74349J103	90	5,556	SH	SOLE	1	5,556	0	0
PROSPERITY BANCSHARES INC	COM	743606105	13,100	182,220	SH	SOLE	1	182,220	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	78	11,041	SH	SOLE	1	11,041	0	0
PROTECTIVE INSURANCE CORP B	COM	74368L203	92	5,738	SH	SOLE	1	5,738	0	0
PROTHENA CORP PLC	COM	G72800108	399	25,174	SH	SOLE	1	25,174	0	0
PROTO LABS INC	COM	743713109	1,976	19,456	SH	SOLE	1	19,456	0	0
PROVIDENCE SERVICE CORP	COM	743815102	497	8,402	SH	SOLE	1	8,402	0	0
PROVIDENT BANCORP INC	COM	74383L105	67	5,398	SH	SOLE	1	5,398	0	0
PROVIDENT FINANCIAL HLDGS	COM	743868101	80	3,669	SH	SOLE	1	3,669	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	1,084	43,983	SH	SOLE	1	43,983	0	0
PRUDENTIAL BANCORP INC	COM	74431A101	101	5,477	SH	SOLE	1	5,477	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	16,126	172,024	SH	SOLE	1	172,024	0	0
PS BUSINESS PARKS INC/CA	COM	69360J107	8,388	50,876	SH	SOLE	1	50,876	0	0
PTC INC	COM	69370C100	15,084	201,412	SH	SOLE	1	201,412	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,817	37,825	SH	SOLE	1	37,825	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	10,054	170,268	SH	SOLE	1	170,268	0	0
PUBLIC STORAGE	COM	74460D109	11,659	54,746	SH	SOLE	1	54,746	0	0
PULSE BIOSCIENCES INC	COM	74587B101	94	7,041	SH	SOLE	1	7,041	0	0
PULTEGROUP INC	COM	745867101	3,439	88,631	SH	SOLE	1	88,631	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	169	19,262	SH	SOLE	1	19,262	0	0
PURE CYCLE CORP	COM	746228303	135	10,719	SH	SOLE	1	10,719	0	0
PURE STORAGE INC CLASS A	COM	74624M102	92	5,359	SH	SOLE	1	5,359	0	0
PURPLE INNOVATION INC	COM	74640Y106	42	4,856	SH	SOLE	1	4,856	0	0
PVH CORP	COM	693656100	3,287	31,263	SH	SOLE	1	31,263	0	0
PYXUS INTERNATIONAL INC	COM	74737V106	47	5,283	SH	SOLE	1	5,283	0	0
PZENA INVESTMENT MANAGM CL A	CL A	74731Q103	95	11,058	SH	SOLE	1	11,058	0	0
Q2 HOLDINGS INC	COM	74736L109	2,217	27,343	SH	SOLE	1	27,343	0	0
QAD INC A	COM	74727D306	366	7,179	SH	SOLE	1	7,179	0	0
QCR HOLDINGS INC	COM	74727A104	405	9,239	SH	SOLE	1	9,239	0	0
QEP RESOURCES INC	COM	74733V100	777	172,632	SH	SOLE	1	172,632	0	0
QIAGEN N.V.	COM	N72482123	117	3,469	SH	SOLE	1	3,469	0	0
QORVO INC	COM	74736K101	4,700	40,441	SH	SOLE	1	40,441	0	0
QTS REALTY TRUST INC CL A	CL A	74736A103	2,109	38,858	SH	SOLE	1	38,858	0	0
QUAD GRAPHICS INC	COM	747301109	94	20,133	SH	SOLE	1	20,133	0	0
QUAKER CHEMICAL CORP	COM	747316107	1,556	9,458	SH	SOLE	1	9,458	0	0
QUALCOMM INC	COM	747525103	44,554	504,974	SH	SOLE	1	504,974	0	0
QUALYS INC	COM	74758T303	2,024	24,277	SH	SOLE	1	24,277	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	407	23,840	SH	SOLE	1	23,840	0	0
QUANTA SERVICES INC	COM	74762E102	1,989	48,866	SH	SOLE	1	48,866	0	0
QUANTERIX CORP	COM	74766Q101	198	8,361	SH	SOLE	1	8,361	0	0

QUEST DIAGNOSTICS INC	COM	74834L100	8,451	79,134	SH	SOLE	1	79,134	0	0
QUIDEL CORP	COM	74838J101	1,664	22,172	SH	SOLE	1	22,172	0	0
QUINSTREET INC	COM	74874Q100	511	33,393	SH	SOLE	1	33,393	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	463	46,984	SH	SOLE	1	46,984	0	0
QURATE RETAIL INC SERIES A	COM	74915M100	51	6,008	SH	SOLE	1	6,008	0	0
R1 RCM INC	COM	749397105	844	64,996	SH	SOLE	1	64,996	0	0
RA PHARMACEUTICALS INC	COM	74933V108	1,023	21,793	SH	SOLE	1	21,793	0	0
RADIAN GROUP INC	COM	750236101	4,563	181,347	SH	SOLE	1	181,347	0	0
RADIANT LOGISTICS INC	COM	75025X100	136	24,476	SH	SOLE	1	24,476	0	0
RADIUS HEALTH INC	COM	750469207	569	28,219	SH	SOLE	1	28,219	0	0
RADNET INC	COM	750491102	615	30,312	SH	SOLE	1	30,312	0	0
RAFAEL HOLDINGS INC CLASS B	COM	75062E106	118	6,601	SH	SOLE	1	6,601	0	0
RALPH LAUREN CORP	COM	751212101	17,564	149,841	SH	SOLE	1	149,841	0	0
RAMACO RESOURCES INC	COM	75134P303	18	5,123	SH	SOLE	1	5,123	0	0
RAMBUS INC	COM	750917106	1,100	79,849	SH	SOLE	1	79,849	0	0
RANGE RESOURCES CORP	COM	75281A109	113	23,253	SH	SOLE	1	23,253	0	0
RAPID7 INC	COM	753422104	1,729	30,865	SH	SOLE	1	30,865	0	0
RAPT THERAPEUTICS INC	COM	75382E109	27	974	SH	SOLE	1	974	0	0
RAVEN INDUSTRIES INC	COM	754212108	892	25,891	SH	SOLE	1	25,891	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	3,740	41,809	SH	SOLE	1	41,809	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	136	35,347	SH	SOLE	1	35,347	0	0
RAYONIER INC	COM	754907103	8,176	249,566	SH	SOLE	1	249,566	0	0
RAYTHEON COMPANY	COM	755111507	20,055	91,269	SH	SOLE	1	91,269	0	0
RBB BANCORP	COM	74930B105	215	10,165	SH	SOLE	1	10,165	0	0
RBC BEARINGS INC	COM	75524B104	2,405	15,190	SH	SOLE	1	15,190	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	116	5,663	SH	SOLE	1	5,663	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	496	12,899	SH	SOLE	1	12,899	0	0
READING INTERNATIONAL INC A	COM	755408101	114	10,191	SH	SOLE	1	10,191	0	0
READY CAPITAL CORP	COM	75574U101	358	23,220	SH	SOLE	1	23,220	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	796	82,222	SH	SOLE	1	82,222	0	0
REALPAGE INC	COM	75606N109	100	1,861	SH	SOLE	1	1,861	0	0
REALREAL INC/THE	COM	88339P101	206	10,944	SH	SOLE	1	10,944	0	0
REALTY INCOME CORP	COM	756109104	8,630	117,213	SH	SOLE	1	117,213	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	2,863	14,005	SH	SOLE	1	14,005	0	0
RECRO PHARMA INC	COM	75629F109	225	12,291	SH	SOLE	1	12,291	0	0
RED LION HOTELS CORP	COM	756764106	56	15,093	SH	SOLE	1	15,093	0	0
RED RIVER BANCSHARES INC	COM	75686R202	172	3,075	SH	SOLE	1	3,075	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	309	9,364	SH	SOLE	1	9,364	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,047	43,724	SH	SOLE	1	43,724	0	0
REDFIN CORP	COM	75737F108	1,185	56,060	SH	SOLE	1	56,060	0	0
REDWOOD TRUST INC	COM	758075402	1,337	80,847	SH	SOLE	1	80,847	0	0
REGAL BELOIT CORP	COM	758750103	6,766	79,028	SH	SOLE	1	79,028	0	0
REGENCY CENTERS CORP	COM	758849103	3,558	56,399	SH	SOLE	1	56,399	0	0

REGENERON PHARMACEUTICALS	COM	75886F107	13,994	37,269	SH	SOLE	1	37,269	0	0
REGENXBIO INC	COM	75901B107	980	23,908	SH	SOLE	1	23,908	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	161	5,363	SH	SOLE	1	5,363	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	7,391	430,723	SH	SOLE	1	430,723	0	0
REGIS CORP	COM	758932107	303	16,930	SH	SOLE	1	16,930	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	19,703	120,833	SH	SOLE	1	120,833	0	0
RELIANCE STEEL & ALUMINUM	COM	759509102	15,403	128,619	SH	SOLE	1	128,619	0	0
RELIANT BANCORP INC	COM	75956B101	142	6,393	SH	SOLE	1	6,393	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	16,730	85,350	SH	SOLE	1	85,350	0	0
RENASANT CORP	COM	75970E107	1,235	34,859	SH	SOLE	1	34,859	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	722	26,782	SH	SOLE	1	26,782	0	0
RENT A CENTER INC	COM	76009N100	1,027	35,619	SH	SOLE	1	35,619	0	0
REPLIGEN CORP	COM	759916109	11,324	122,421	SH	SOLE	1	122,421	0	0
REPLIMUNE GROUP INC	COM	76029N106	117	8,124	SH	SOLE	1	8,124	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	284	6,068	SH	SOLE	1	6,068	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	114	27,349	SH	SOLE	1	27,349	0	0
REPUBLIC SERVICES INC	COM	760759100	7,707	85,992	SH	SOLE	1	85,992	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	2,828	237,033	SH	SOLE	1	237,033	0	0
RESMED INC	COM	761152107	8,462	54,607	SH	SOLE	1	54,607	0	0
RESOURCES CONNECTION INC	COM	76122Q105	360	22,035	SH	SOLE	1	22,035	0	0
RESTORBIO INC	COM	76133L103	14	9,621	SH	SOLE	1	9,621	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	1,460	82,687	SH	SOLE	1	82,687	0	0
RETAIL PROPERTIES OF AME A	COM	76131V202	45	3,338	SH	SOLE	1	3,338	0	0
RETAIL VALUE INC	COM	76133Q102	344	9,342	SH	SOLE	1	9,342	0	0
RETROPHIN INC	COM	761299106	368	25,929	SH	SOLE	1	25,929	0	0
REV GROUP INC	COM	749527107	208	17,008	SH	SOLE	1	17,008	0	0
REVANCE THERAPEUTICS INC	COM	761330109	459	28,263	SH	SOLE	1	28,263	0	0
REVLON INC CLASS A	COM	761525609	93	4,323	SH	SOLE	1	4,323	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	332	4,048	SH	SOLE	1	4,048	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	3,314	72,554	SH	SOLE	1	72,554	0	0
REXNORD CORP	COM	76169B102	2,174	66,644	SH	SOLE	1	66,644	0	0
RGC RESOURCES INC	COM	74955L103	135	4,710	SH	SOLE	1	4,710	0	0
RH	COM	74967X103	8,890	41,635	SH	SOLE	1	41,635	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	421	18,353	SH	SOLE	1	18,353	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	116	37,370	SH	SOLE	1	37,370	0	0
RICHMOND MUTUAL BANCORPORATI	COM	76525P100	131	8,229	SH	SOLE	1	8,229	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	225	105,335	SH	SOLE	1	105,335	0	0
RIGNET INC	COM	766582100	60	9,096	SH	SOLE	1	9,096	0	0
RIMINI STREET INC	COM	76674Q107	49	12,725	SH	SOLE	1	12,725	0	0
RING ENERGY INC	COM	76680V108	115	43,430	SH	SOLE	1	43,430	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	282	1,671	SH	SOLE	1	1,671	0	0

RITE AID CORP	COM	767754872	534	34,547	SH	SOLE	1	34,547	0	0
RIVERVIEW BANCORP INC	COM	769397100	109	13,316	SH	SOLE	1	13,316	0	0
RLI CORP	COM	749607107	9,128	101,403	SH	SOLE	1	101,403	0	0
RLJ LODGING TRUST	COM	74965L101	1,876	105,896	SH	SOLE	1	105,896	0	0
RMR GROUP INC/THE A	COM	74967R106	433	9,493	SH	SOLE	1	9,493	0	0
ROADRUNNER TRANSPORTATION SY	COM	76973Q204	21	2,234	SH	SOLE	1	2,234	0	0
ROBERT HALF INTL INC	COM	770323103	2,555	40,456	SH	SOLE	1	40,456	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	424	18,621	SH	SOLE	1	18,621	0	0
ROCKWELL AUTOMATION INC	COM	773903109	10,661	52,602	SH	SOLE	1	52,602	0	0
ROCKWELL MEDICAL INC	COM	774374102	95	38,730	SH	SOLE	1	38,730	0	0
ROCKY BRANDS INC	COM	774515100	128	4,341	SH	SOLE	1	4,341	0	0
ROGERS CORP	COM	775133101	1,668	13,369	SH	SOLE	1	13,369	0	0
ROKU INC	COM	77543R102	268	1,998	SH	SOLE	1	1,998	0	0
ROLLINS INC	COM	775711104	1,633	49,261	SH	SOLE	1	49,261	0	0
ROPER TECHNOLOGIES INC	COM	776696106	16,091	45,426	SH	SOLE	1	45,426	0	0
ROSEHILL RESOURCES INC	COM	777385105	8	6,609	SH	SOLE	1	6,609	0	0
ROSETTA STONE INC	COM	777780107	236	12,997	SH	SOLE	1	12,997	0	0
ROSS STORES INC	COM	778296103	18,266	156,897	SH	SOLE	1	156,897	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	7,727	57,873	SH	SOLE	1	57,873	0	0
ROYAL GOLD INC	COM	780287108	15,495	126,745	SH	SOLE	1	126,745	0	0
RPC INC	COM	749660106	216	41,305	SH	SOLE	1	41,305	0	0
RPM INTERNATIONAL INC	COM	749685103	19,222	250,415	SH	SOLE	1	250,415	0	0
RPT REALTY	COM	74971D101	852	56,618	SH	SOLE	1	56,618	0	0
RR DONNELLEY & SONS CO	COM	257867200	202	51,019	SH	SOLE	1	51,019	0	0
RTI SURGICAL HDS INC	COM	74975N105	97	35,570	SH	SOLE	1	35,570	0	0
RTW RETAILWINDS INC	COM	74980D100	15	18,998	SH	SOLE	1	18,998	0	0
RUBICON PROJECT INC/THE	COM	78112V102	251	30,714	SH	SOLE	1	30,714	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	208	21,880	SH	SOLE	1	21,880	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	130	2,853	SH	SOLE	1	2,853	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	792	17,037	SH	SOLE	1	17,037	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	433	19,895	SH	SOLE	1	19,895	0	0
RYDER SYSTEM INC	COM	783549108	5,585	102,829	SH	SOLE	1	102,829	0	0
RYERSON HOLDING CORP	COM	783754104	120	10,133	SH	SOLE	1	10,133	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	2,491	28,744	SH	SOLE	1	28,744	0	0
S & T BANCORP INC	COM	783859101	1,108	27,492	SH	SOLE	1	27,492	0	0
S&P GLOBAL INC	COM	78409V104	27,481	100,646	SH	SOLE	1	100,646	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	10,494	491,740	SH	SOLE	1	491,740	0	0
SABRE CORP	COM	78573M104	11,870	528,969	SH	SOLE	1	528,969	0	0
SAFE BULKERS INC	COM	Y7388L103	54	31,869	SH	SOLE	1	31,869	0	0
SAFEGUARD SCIENTIFICS INC	COM	786449207	134	12,206	SH	SOLE	1	12,206	0	0
SAFEHOLD INC	COM	78645L100	320	7,932	SH	SOLE	1	7,932	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	985	10,649	SH	SOLE	1	10,649	0	0
SAGA	CL A	786598300	72	2,379	SH	SOLE	1	2,379	0	0

COMMUNICATIONS INC CL A										
SAGE THERAPEUTICS INC	COM	78667J108	85	1,183	SH	SOLE	1	1,183	0	0
SAIA INC	COM	78709Y105	1,744	18,728	SH	SOLE	1	18,728	0	0
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	1,267	53,698	SH	SOLE	1	53,698	0	0
SALESFORCE.COM INC	COM	79466L302	53,207	327,148	SH	SOLE	1	327,148	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	5,443	298,259	SH	SOLE	1	298,259	0	0
SANDERSON FARMS INC	COM	800013104	8,846	50,201	SH	SOLE	1	50,201	0	0
SANDRIDGE ENERGY INC	COM	80007P869	82	19,301	SH	SOLE	1	19,301	0	0
SANDY SPRING BANCORP INC	COM	800363103	834	22,022	SH	SOLE	1	22,022	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	602	71,932	SH	SOLE	1	71,932	0	0
SANMINA CORP	COM	801056102	1,702	49,696	SH	SOLE	1	49,696	0	0
SANTANDER CONSUMER USA HOLDI	COM	80283M101	39	1,663	SH	SOLE	1	1,663	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	214	1,655	SH	SOLE	1	1,655	0	0
SATSUMA PHARMACEUTICALS INC	COM	80405P107	55	2,770	SH	SOLE	1	2,770	0	0
SAUL CENTERS INC	COM	804395101	458	8,669	SH	SOLE	1	8,669	0	0
SAVARA INC	COM	805111101	97	21,725	SH	SOLE	1	21,725	0	0
SB ONE BANCORP	COM	78413T103	128	5,126	SH	SOLE	1	5,126	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	10,221	42,411	SH	SOLE	1	42,411	0	0
SCANSOURCE INC	COM	806037107	676	18,306	SH	SOLE	1	18,306	0	0
SCHLUMBERGER LTD	COM	806857108	21,250	528,602	SH	SOLE	1	528,602	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	19	868	SH	SOLE	1	868	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	349	16,089	SH	SOLE	1	16,089	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	145	10,990	SH	SOLE	1	10,990	0	0
SCHOLASTIC CORP	COM	807066105	824	21,429	SH	SOLE	1	21,429	0	0
SCHWAB (CHARLES) CORP	COM	808513105	21,513	452,332	SH	SOLE	1	452,332	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	936	22,302	SH	SOLE	1	22,302	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	11,328	130,181	SH	SOLE	1	130,181	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	3,708	138,466	SH	SOLE	1	138,466	0	0
SCORPIO BULKERS INC	COM	Y7546A122	218	34,153	SH	SOLE	1	34,153	0	0
SCORPIO TANKERS INC	COM	Y7542C130	1,086	27,616	SH	SOLE	1	27,616	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	8,152	76,771	SH	SOLE	1	76,771	0	0
SCULPTOR CAPITAL MANAGEMENT	COM	811246107	233	10,549	SH	SOLE	1	10,549	0	0
SEABOARD CORP	COM	811543107	17	4	SH	SOLE	1	4	0	0
SEACOAST BANKING CORP/FL	COM	811707801	1,117	36,550	SH	SOLE	1	36,550	0	0
SEACOR HOLDINGS INC	COM	811904101	543	12,577	SH	SOLE	1	12,577	0	0
SEACOR MARINE HOLDINGS INC	COM	78413P101	170	12,334	SH	SOLE	1	12,334	0	0
SEADRILL LTD	COM	G7998G106	93	36,710	SH	SOLE	1	36,710	0	0
SEAGATE TECHNOLOGY	COM	G7945M107	5,264	88,476	SH	SOLE	1	88,476	0	0
SEALED AIR CORP	COM	81211K100	2,076	52,128	SH	SOLE	1	52,128	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	119	9,932	SH	SOLE	1	9,932	0	0
SEATTLE GENETICS INC	COM	812578102	1,575	13,787	SH	SOLE	1	13,787	0	0

SEAWORLD ENTERTAINMENT INC	COM	81282V100	937	29,536	SH	SOLE	1	29,536	0	0
SECUREWORKS CORP A	COM	81374A105	85	5,109	SH	SOLE	1	5,109	0	0
SEI INVESTMENTS COMPANY	COM	784117103	15,984	244,109	SH	SOLE	1	244,109	0	0
SELECT BANCORP INC	COM	81617L108	121	9,833	SH	SOLE	1	9,833	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	344	37,107	SH	SOLE	1	37,107	0	0
SELECT INTERIOR CONCEPTS A	COM	816120307	117	12,991	SH	SOLE	1	12,991	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,848	79,194	SH	SOLE	1	79,194	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	9,802	150,368	SH	SOLE	1	150,368	0	0
SEMPRA ENERGY	COM	816851109	14,576	96,224	SH	SOLE	1	96,224	0	0
SEMTECH CORP	COM	816850101	8,892	168,085	SH	SOLE	1	168,085	0	0
SENECA FOODS CORP CL A	CL A	817070501	196	4,802	SH	SOLE	1	4,802	0	0
SENIOR HOUSING PROP TRUST	COM	81721M109	5,095	603,668	SH	SOLE	1	603,668	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	162	3,013	SH	SOLE	1	3,013	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	70	76,681	SH	SOLE	1	76,681	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	7,108	107,543	SH	SOLE	1	107,543	0	0
SERES THERAPEUTICS INC	COM	81750R102	79	22,843	SH	SOLE	1	22,843	0	0
SERITAGE GROWTH PROP A REIT	COM	81752R100	846	21,119	SH	SOLE	1	21,119	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	16,256	353,168	SH	SOLE	1	353,168	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	7,726	317,570	SH	SOLE	1	317,570	0	0
SERVICEMASTER GLOBAL HOLDING	COM	81761R109	89	2,305	SH	SOLE	1	2,305	0	0
SERVICENOW INC	COM	81762P102	17,689	62,657	SH	SOLE	1	62,657	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,289	34,208	SH	SOLE	1	34,208	0	0
SFL CORP LTD	SHS	G7738W106	740	50,914	SH	SOLE	1	50,914	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,259	21,143	SH	SOLE	1	21,143	0	0
SHARPSRING INC	COM	820054104	73	6,404	SH	SOLE	1	6,404	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	1,436	34,520	SH	SOLE	1	34,520	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	15,927	27,294	SH	SOLE	1	27,294	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	701	15,958	SH	SOLE	1	15,958	0	0
SHOE CARNIVAL INC	COM	824889109	251	6,740	SH	SOLE	1	6,740	0	0
SHORE BANCSHARES INC	COM	825107105	137	7,917	SH	SOLE	1	7,917	0	0
SHOTSPOTTER INC	COM	82536T107	130	5,093	SH	SOLE	1	5,093	0	0
SHUTTERSTOCK INC	COM	825690100	591	13,790	SH	SOLE	1	13,790	0	0
SI BONE INC	COM	825704109	220	10,250	SH	SOLE	1	10,250	0	0
SIEBERT FINANCIAL CORP	COM	826176109	41	4,751	SH	SOLE	1	4,751	0	0
SIENTRA INC	COM	82621J105	216	24,141	SH	SOLE	1	24,141	0	0
SIERRA BANCORP	COM	82620P102	258	8,861	SH	SOLE	1	8,861	0	0
SIGA TECHNOLOGIES INC	COM	826917106	165	34,495	SH	SOLE	1	34,495	0	0
SIGNATURE BANK	COM	82669G104	14,262	104,401	SH	SOLE	1	104,401	0	0
SIGNET JEWELERS LTD	COM	G81276100	815	37,479	SH	SOLE	1	37,479	0	0
SILGAN HOLDINGS INC	COM	827048109	4,651	149,644	SH	SOLE	1	149,644	0	0

SILICON LABORATORIES INC	COM	826919102	12,752	109,950	SH	SOLE	1	109,950	0	0
SILK ROAD MEDICAL INC	COM	82710M100	407	10,070	SH	SOLE	1	10,070	0	0
SILVERBOW RESOURCES INC	COM	82836G102	44	4,431	SH	SOLE	1	4,431	0	0
SILVERCREST ASSET MANAGEME A	COM	828359109	68	5,419	SH	SOLE	1	5,419	0	0
SILVERGATE CAPITAL CORP CL A	CL A	82837P408	32	2,001	SH	SOLE	1	2,001	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,892	70,629	SH	SOLE	1	70,629	0	0
SIMON PROPERTY GROUP INC	COM	828806109	19,046	127,863	SH	SOLE	1	127,863	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,475	51,675	SH	SOLE	1	51,675	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	2,561	31,920	SH	SOLE	1	31,920	0	0
SIMULATIONS PLUS INC	COM	829214105	217	7,480	SH	SOLE	1	7,480	0	0
SINA CORP	COM	G81477104	31	765	SH	SOLE	1	765	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	47	1,403	SH	SOLE	1	1,403	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	2,277	318,454	SH	SOLE	1	318,454	0	0
SITE CENTERS CORP	COM	82981J109	31	2,190	SH	SOLE	1	2,190	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	2,320	25,593	SH	SOLE	1	25,593	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	20,433	452,963	SH	SOLE	1	452,963	0	0
SJW GROUP	COM	784305104	1,171	16,485	SH	SOLE	1	16,485	0	0
SKECHERS USA INC CL A	CL A	830566105	11,177	258,776	SH	SOLE	1	258,776	0	0
SKYLINE CHAMPION CORP	COM	830830105	999	31,525	SH	SOLE	1	31,525	0	0
SKYWEST INC	COM	830879102	2,306	35,686	SH	SOLE	1	35,686	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	9,241	76,451	SH	SOLE	1	76,451	0	0
SL GREEN REALTY CORP	COM	78440X101	2,523	27,456	SH	SOLE	1	27,456	0	0
SLEEP NUMBER CORP	COM	83125X103	995	20,215	SH	SOLE	1	20,215	0	0
SLM CORP	COM	78442P106	7,260	814,822	SH	SOLE	1	814,822	0	0
SM ENERGY CO	COM	78454L100	903	80,342	SH	SOLE	1	80,342	0	0
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	370	9,746	SH	SOLE	1	9,746	0	0
SMART SAND INC	COM	83191H107	34	13,505	SH	SOLE	1	13,505	0	0
SMARTFINANCIAL INC	COM	83190L208	188	7,970	SH	SOLE	1	7,970	0	0
SMARTSHEET INC CLASS A	COM	83200N103	92	2,043	SH	SOLE	1	2,043	0	0
SMITH (A.O.) CORP	COM	831865209	2,206	46,312	SH	SOLE	1	46,312	0	0
SNAP ON INC	COM	833034101	16,870	99,586	SH	SOLE	1	99,586	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	8,849	93,054	SH	SOLE	1	93,054	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	273	19,474	SH	SOLE	1	19,474	0	0
SOLARWINDS CORP	COM	83417Q105	15	804	SH	SOLE	1	804	0	0
SOLID BIOSCIENCES INC	COM	83422E105	55	12,307	SH	SOLE	1	12,307	0	0
SOLITON INC	COM	834251100	38	3,483	SH	SOLE	1	3,483	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	545	17,577	SH	SOLE	1	17,577	0	0
SONIM TECHNOLOGIES INC	COM	83548F101	23	6,229	SH	SOLE	1	6,229	0	0
SONOCO PRODUCTS CO	COM	835495102	11,922	193,168	SH	SOLE	1	193,168	0	0
SONOS INC	COM	83570H108	691	44,228	SH	SOLE	1	44,228	0	0
SORRENTO	COM	83587F202	265	78,346	SH	SOLE	1	78,346	0	0

THERAPEUTICS INC										
SOUTH JERSEY INDUSTRIES	COM	838518108	2,205	66,872	SH	SOLE	1	66,872	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	132	6,336	SH	SOLE	1	6,336	0	0
SOUTH STATE CORP	COM	840441109	1,818	20,959	SH	SOLE	1	20,959	0	0
SOUTHERN CO/THE	COM	842587107	21,445	336,663	SH	SOLE	1	336,663	0	0
SOUTHERN COPPER CORP	COM	84265V105	46	1,074	SH	SOLE	1	1,074	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	188	4,435	SH	SOLE	1	4,435	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	187	4,864	SH	SOLE	1	4,864	0	0
SOUTHERN NATL BANCORP OF VA	COM	843395104	202	12,343	SH	SOLE	1	12,343	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	859	23,122	SH	SOLE	1	23,122	0	0
SOUTHWEST AIRLINES CO	COM	844741108	9,495	175,897	SH	SOLE	1	175,897	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	10,528	138,583	SH	SOLE	1	138,583	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	949	392,331	SH	SOLE	1	392,331	0	0
SP PLUS CORP	COM	78469C103	606	14,284	SH	SOLE	1	14,284	0	0
SPARK ENERGY INC CLASS A	COM	846511103	68	7,411	SH	SOLE	1	7,411	0	0
SPARTAN MOTORS INC	COM	846819100	382	21,109	SH	SOLE	1	21,109	0	0
SPARTANNASH CO	COM	847215100	369	25,938	SH	SOLE	1	25,938	0	0
SPDR PORTFOLIO S&P 500 GROWTH	PRTFLO S&P500 GW	78464A409	12,519	298,720	SH	SOLE	1	298,720	0	0
SPDR S&P 500 ETF TRUST	TR UNIT	78462F103	108,692	337,700	SH	SOLE	1	337,700	0	0
SPDR S&P MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	14,077	37,500	SH	SOLE	1	37,500	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	308	4,798	SH	SOLE	1	4,798	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	294	80,643	SH	SOLE	1	80,643	0	0
SPERO THERAPEUTICS INC	COM	84833T103	67	7,003	SH	SOLE	1	7,003	0	0
SPIRE INC	COM	84857L101	10,724	128,722	SH	SOLE	1	128,722	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	170	2,334	SH	SOLE	1	2,334	0	0
SPIRIT AIRLINES INC	COM	848577102	1,732	42,959	SH	SOLE	1	42,959	0	0
SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	198	8,606	SH	SOLE	1	8,606	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	9,458	192,312	SH	SOLE	1	192,312	0	0
SPLUNK INC	COM	848637104	1,994	13,313	SH	SOLE	1	13,313	0	0
SPOK HOLDINGS INC	COM	84863T106	155	12,697	SH	SOLE	1	12,697	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	213	26,572	SH	SOLE	1	26,572	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	414	2,768	SH	SOLE	1	2,768	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	252	6,538	SH	SOLE	1	6,538	0	0
SPRINT CORP	COM	85207U105	46	8,885	SH	SOLE	1	8,885	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	4,420	228,420	SH	SOLE	1	228,420	0	0
SPS COMMERCE INC	COM	78463M107	1,399	25,246	SH	SOLE	1	25,246	0	0
SPX CORP	COM	784635104	1,607	31,590	SH	SOLE	1	31,590	0	0
SPX FLOW INC	COM	78469X107	1,481	30,307	SH	SOLE	1	30,307	0	0
SQUARE INC A	COM	852234103	497	7,948	SH	SOLE	1	7,948	0	0
SRC ENERGY INC	COM	78470V108	721	174,921	SH	SOLE	1	174,921	0	0

SS&C TECHNOLOGIES HOLDINGS	COM	78467J100	309	5,026	SH	SOLE	1	5,026	0	0
ST JOE CO/THE	COM	790148100	474	23,928	SH	SOLE	1	23,928	0	0
STAAR SURGICAL CO	COM	852312305	979	27,829	SH	SOLE	1	27,829	0	0
STAG INDUSTRIAL INC	COM	85254J102	2,796	88,577	SH	SOLE	1	88,577	0	0
STAMPS.COM INC	COM	852857200	994	11,898	SH	SOLE	1	11,898	0	0
STANDARD MOTOR PRODS	COM	853666105	805	15,124	SH	SOLE	1	15,124	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	708	8,923	SH	SOLE	1	8,923	0	0
STANLEY BLACK & DECKER INC	COM	854502101	9,544	57,586	SH	SOLE	1	57,586	0	0
STARBUCKS CORP	COM	855244109	46,945	533,950	SH	SOLE	1	533,950	0	0
STARTEK INC	COM	85569C107	83	10,393	SH	SOLE	1	10,393	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	106	4,269	SH	SOLE	1	4,269	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	334	10,779	SH	SOLE	1	10,779	0	0
STATE STREET CORP	COM	857477103	12,194	154,157	SH	SOLE	1	154,157	0	0
STEEL DYNAMICS INC	COM	858119100	30,527	896,793	SH	SOLE	1	896,793	0	0
STEELCASE INC CL A	CL A	858155203	1,114	54,456	SH	SOLE	1	54,456	0	0
STEMLINE THERAPEUTICS INC	COM	85858C107	306	28,785	SH	SOLE	1	28,785	0	0
STEPAN CO	COM	858586100	1,510	14,738	SH	SOLE	1	14,738	0	0
STERICYCLE INC	COM	858912108	11,220	175,840	SH	SOLE	1	175,840	0	0
STERIS PLC	COM	G8473T100	4,433	29,083	SH	SOLE	1	29,083	0	0
STERLING BANCORP INC/MI	COM	85917W102	84	10,358	SH	SOLE	1	10,358	0	0
STERLING BANCORP/DE	COM	85917A100	9,389	445,394	SH	SOLE	1	445,394	0	0
STERLING CONSTRUCTION CO	COM	859241101	230	16,350	SH	SOLE	1	16,350	0	0
STEVEN MADDEN LTD	COM	556269108	2,581	60,019	SH	SOLE	1	60,019	0	0
STEWART INFORMATION SERVICES	COM	860372101	692	16,958	SH	SOLE	1	16,958	0	0
STIFEL FINANCIAL CORP	COM	860630102	10,463	172,508	SH	SOLE	1	172,508	0	0
STITCH FIX INC CLASS A	COM	860897107	664	25,892	SH	SOLE	1	25,892	0	0
STOCK YARDS BANCORP INC	COM	861025104	521	12,691	SH	SOLE	1	12,691	0	0
STOKE THERAPEUTICS INC	COM	86150R107	162	5,732	SH	SOLE	1	5,732	0	0
STONERIDGE INC	COM	86183P102	486	16,569	SH	SOLE	1	16,569	0	0
STORE CAPITAL CORP	COM	862121100	269	7,221	SH	SOLE	1	7,221	0	0
STRATASYS LTD	COM	M85548101	651	32,199	SH	SOLE	1	32,199	0	0
STRATEGIC EDUCATION INC	COM	86272C103	2,457	15,462	SH	SOLE	1	15,462	0	0
STRATUS PROPERTIES INC	COM	863167201	114	3,676	SH	SOLE	1	3,676	0	0
STRONGBRIDGE BIOPHARMA PLC	COM	G85347105	47	22,662	SH	SOLE	1	22,662	0	0
STRYKER CORP	COM	863667101	25,821	122,991	SH	SOLE	1	122,991	0	0
STURM RUGER & CO INC	COM	864159108	567	12,064	SH	SOLE	1	12,064	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	185	6,839	SH	SOLE	1	6,839	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	924	74,916	SH	SOLE	1	74,916	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	1,684	70,473	SH	SOLE	1	70,473	0	0
SUN COMMUNITIES INC	COM	866674104	376	2,504	SH	SOLE	1	2,504	0	0
SUNCOKE ENERGY INC	COM	86722A103	336	54,004	SH	SOLE	1	54,004	0	0
SUNNOVA ENERGY	COM	86745K104	95	8,489	SH	SOLE	1	8,489	0	0

INTERNATIONAL										
SUNPOWER CORP	COM	867652406	307	39,392	SH	SOLE	1	39,392	0	0
SUNRUN INC	COM	86771W105	977	70,765	SH	SOLE	1	70,765	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	2,100	150,863	SH	SOLE	1	150,863	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	90	6,669	SH	SOLE	1	6,669	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	852	35,907	SH	SOLE	1	35,907	0	0
SURGERY PARTNERS INC	COM	86881A100	236	15,050	SH	SOLE	1	15,050	0	0
SURMODICS INC	COM	868873100	394	9,506	SH	SOLE	1	9,506	0	0
SUTRO BIOPHARMA INC	COM	869367102	75	6,814	SH	SOLE	1	6,814	0	0
SVB FINANCIAL GROUP	COM	78486Q101	5,315	21,173	SH	SOLE	1	21,173	0	0
SVMK INC	COM	78489X103	972	54,369	SH	SOLE	1	54,369	0	0
SWITCH INC A	COM	87105L104	20	1,376	SH	SOLE	1	1,376	0	0
SYKES ENTERPRISES INC	COM	871237103	1,022	27,637	SH	SOLE	1	27,637	0	0
SYNALLOY CORP	COM	871565107	67	5,207	SH	SOLE	1	5,207	0	0
SYNAPTICS INC	COM	87157D109	5,599	85,127	SH	SOLE	1	85,127	0	0
SYNCHRONOSS TECHNOLOGIES INC	COM	87157B103	116	24,329	SH	SOLE	1	24,329	0	0
SYNCHRONY FINANCIAL	COM	87165B103	8,620	239,370	SH	SOLE	1	239,370	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	111	12,587	SH	SOLE	1	12,587	0	0
SYNEOS HEALTH INC	COM	87166B102	9,410	158,212	SH	SOLE	1	158,212	0	0
SYNOLOGIC INC	COM	87166L100	25	9,826	SH	SOLE	1	9,826	0	0
SYNNEX CORP	COM	87162W100	10,158	78,863	SH	SOLE	1	78,863	0	0
SYNOPSIS INC	COM	871607107	9,117	65,493	SH	SOLE	1	65,493	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	11,091	282,927	SH	SOLE	1	282,927	0	0
SYNTHORX INC	COM	87167A103	419	5,990	SH	SOLE	1	5,990	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	150	21,699	SH	SOLE	1	21,699	0	0
SYSCO CORP	COM	871829107	14,231	166,362	SH	SOLE	1	166,362	0	0
SYSTEMAX INC	COM	871851101	195	7,745	SH	SOLE	1	7,745	0	0
T MOBILE US INC	COM	872590104	12,313	157,014	SH	SOLE	1	157,014	0	0
T ROWE PRICE GROUP INC	COM	74144T108	17,338	142,299	SH	SOLE	1	142,299	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	686	14,099	SH	SOLE	1	14,099	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	899	13,318	SH	SOLE	1	13,318	0	0
TAILORED BRANDS INC	COM	87403A107	150	36,157	SH	SOLE	1	36,157	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	5,767	47,101	SH	SOLE	1	47,101	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	239	4,963	SH	SOLE	1	4,963	0	0
TALOS ENERGY INC	COM	87484T108	438	14,527	SH	SOLE	1	14,527	0	0
TANDEM DIABETES CARE INC	COM	875372203	2,093	35,106	SH	SOLE	1	35,106	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	3,451	234,314	SH	SOLE	1	234,314	0	0
TAPESTRY INC	COM	876030107	18,338	679,933	SH	SOLE	1	679,933	0	0
TARGA RESOURCES CORP	COM	87612G101	146	3,588	SH	SOLE	1	3,588	0	0
TARGET CORP	COM	87612E106	21,322	166,303	SH	SOLE	1	166,303	0	0
TARGET HOSPITALITY CORP	COM	87615L107	102	20,346	SH	SOLE	1	20,346	0	0
TATA MOTORS LTD	ADR	876568502	11	824	SH	SOLE	1	824	0	0

SPON ADR										
TAUBMAN CENTERS INC	COM	876664103	3,672	118,105	SH	SOLE	1	118,105	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	1,441	65,911	SH	SOLE	1	65,911	0	0
TCF FINANCIAL CORP	COM	872307103	13,855	296,055	SH	SOLE	1	296,055	0	0
TCR2 THERAPEUTICS INC	COM	87808K106	105	7,335	SH	SOLE	1	7,335	0	0
TD AMERITRADE HOLDING CORP	COM	87236Y108	1,163	23,398	SH	SOLE	1	23,398	0	0
TE CONNECTIVITY LTD	COM	H84989104	11,139	116,224	SH	SOLE	1	116,224	0	0
TEAM INC	COM	878155100	344	21,562	SH	SOLE	1	21,562	0	0
TECH DATA CORP	COM	878237106	12,931	90,051	SH	SOLE	1	90,051	0	0
TECHNIPFMC PLC	COM	G87110105	3,183	148,453	SH	SOLE	1	148,453	0	0
TECHTARGET	COM	87874R100	434	16,624	SH	SOLE	1	16,624	0	0
TEEKAY CORP	COM	Y8564W103	229	42,996	SH	SOLE	1	42,996	0	0
TEEKAY TANKERS LTD CLASS A	CL A	Y8565N300	357	14,909	SH	SOLE	1	14,909	0	0
TEGNA INC	COM	87901J105	9,203	551,383	SH	SOLE	1	551,383	0	0
TEJON RANCH CO	COM	879080109	210	13,149	SH	SOLE	1	13,149	0	0
TELADOC HEALTH INC	COM	87918A105	3,786	45,223	SH	SOLE	1	45,223	0	0
TELARIA INC	COM	879181105	243	27,630	SH	SOLE	1	27,630	0	0
TELECOM ARGENTINA SA SP ADR	ADR	879273209	11	994	SH	SOLE	1	994	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	24,387	70,373	SH	SOLE	1	70,373	0	0
TELEFLEX INC	COM	879369106	6,565	17,439	SH	SOLE	1	17,439	0	0
TELENAV INC	COM	879455103	102	21,085	SH	SOLE	1	21,085	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	4,801	188,790	SH	SOLE	1	188,790	0	0
TELLURIAN INC	COM	87968A104	430	59,132	SH	SOLE	1	59,132	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	7,666	88,050	SH	SOLE	1	88,050	0	0
TENABLE HOLDINGS INC	COM	88025T102	565	23,597	SH	SOLE	1	23,597	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	12	1,000	SH	SOLE	1	1,000	0	0
TENET HEALTHCARE CORP	COM	88033G407	10,013	263,298	SH	SOLE	1	263,298	0	0
TENNANT CO	COM	880345103	1,014	13,018	SH	SOLE	1	13,018	0	0
TENNECO INC CLASS A	COM	880349105	416	31,780	SH	SOLE	1	31,780	0	0
TERADATA CORP	COM	88076W103	5,836	218,010	SH	SOLE	1	218,010	0	0
TERADYNE INC	COM	880770102	22,147	324,791	SH	SOLE	1	324,791	0	0
TEREX CORP	COM	880779103	4,921	165,255	SH	SOLE	1	165,255	0	0
TERRAFORM POWER INC A	COM	88104R209	765	49,689	SH	SOLE	1	49,689	0	0
TERRENO REALTY CORP	COM	88146M101	2,383	44,017	SH	SOLE	1	44,017	0	0
TERRITORIAL BANCORP INC	COM	88145X108	151	4,876	SH	SOLE	1	4,876	0	0
TESLA INC	COM	88160R101	4,882	11,670	SH	SOLE	1	11,670	0	0
TESSCO TECHNOLOGIES INC	COM	872386107	46	4,083	SH	SOLE	1	4,083	0	0
TETRA TECH INC	COM	88162G103	11,948	138,676	SH	SOLE	1	138,676	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	172	87,919	SH	SOLE	1	87,919	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,199	122,298	SH	SOLE	1	122,298	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	5,513	97,114	SH	SOLE	1	97,114	0	0
TEXAS INSTRUMENTS INC	COM	882508104	66,516	518,485	SH	SOLE	1	518,485	0	0
TEXAS ROADHOUSE INC	COM	882681109	9,364	166,256	SH	SOLE	1	166,256	0	0

TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	353	32,967	SH	SOLE	1	32,967	0	0
TEXTRON INC	COM	883203101	3,429	76,890	SH	SOLE	1	76,890	0	0
TFS FINANCIAL CORP	COM	87240R107	15	763	SH	SOLE	1	763	0	0
TG THERAPEUTICS INC	COM	88322Q108	599	53,961	SH	SOLE	1	53,961	0	0
THE BANK OF PRINCETON	COM	064520109	111	3,517	SH	SOLE	1	3,517	0	0
THERAPEUTICSMD INC	COM	88338N107	336	138,668	SH	SOLE	1	138,668	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	725	27,998	SH	SOLE	1	27,998	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	50,951	156,834	SH	SOLE	1	156,834	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	546	20,359	SH	SOLE	1	20,359	0	0
THIRD POINT REINSURANCE LTD	COM	G8827U100	568	53,961	SH	SOLE	1	53,961	0	0
THOR INDUSTRIES INC	COM	885160101	8,316	111,940	SH	SOLE	1	111,940	0	0
TIDEWATER INC	COM	88642R109	476	24,688	SH	SOLE	1	24,688	0	0
TIDEWATER INC NEW	COM	88642R109	45,138	2,341,223	SH	SOLE	2	2,341,223	0	0
TIFFANY & CO	COM	886547108	5,258	39,340	SH	SOLE	1	39,340	0	0
TILLY S INC CLASS A SHRS	COM	886885102	169	13,764	SH	SOLE	1	13,764	0	0
TIMBERLAND BANCORP INC	COM	887098101	138	4,645	SH	SOLE	1	4,645	0	0
TIMKEN CO	COM	887389104	7,367	130,822	SH	SOLE	1	130,822	0	0
TIMKENSTEEL CORP	COM	887399103	228	29,024	SH	SOLE	1	29,024	0	0
TIPTREE INC	COM	88822Q103	127	15,574	SH	SOLE	1	15,574	0	0
TITAN INTERNATIONAL INC	COM	88830M102	131	36,203	SH	SOLE	1	36,203	0	0
TITAN MACHINERY INC	COM	88830R101	175	11,861	SH	SOLE	1	11,861	0	0
TIVITY HEALTH INC	COM	88870R102	689	33,864	SH	SOLE	1	33,864	0	0
TIVO CORP	COM	88870P106	763	90,004	SH	SOLE	1	90,004	0	0
TJX COMPANIES INC	COM	872540109	28,558	467,704	SH	SOLE	1	467,704	0	0
TOCAGEN INC	COM	888846102	7	13,286	SH	SOLE	1	13,286	0	0
TOLL BROTHERS INC	COM	889478103	9,853	249,392	SH	SOLE	1	249,392	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	931	10,180	SH	SOLE	1	10,180	0	0
TOOTSIE ROLL INDS	COM	890516107	1,445	42,319	SH	SOLE	1	42,319	0	0
TOPBUILD CORP	COM	89055F103	2,496	24,213	SH	SOLE	1	24,213	0	0
TORO CO	COM	891092108	16,455	206,541	SH	SOLE	1	206,541	0	0
TOWNE BANK	COM	89214P109	1,161	41,741	SH	SOLE	1	41,741	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	629	31,045	SH	SOLE	1	31,045	0	0
TPI COMPOSITES INC	COM	87266J104	335	18,086	SH	SOLE	1	18,086	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	3,873	41,445	SH	SOLE	1	41,445	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	234	900	SH	SOLE	1	900	0	0
TRANSCAT INC	COM	893529107	138	4,327	SH	SOLE	1	4,327	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	26	664	SH	SOLE	1	664	0	0
TRANSDIGM GROUP INC	COM	893641100	9,871	17,626	SH	SOLE	1	17,626	0	0
TRANSENTERIX INC	COM	89366M300	16	11,038	SH	SOLE	1	11,038	0	0
TRANSLATE BIO INC	COM	89374L104	177	21,688	SH	SOLE	1	21,688	0	0
TRANSMEDICS GROUP INC	COM	89377M109	170	8,917	SH	SOLE	1	8,917	0	0
TRANSOCEAN LTD	COM	H8817H100	7,637	1,110,052	SH	SOLE	1	1,110,052	0	0
TRANSPORTADOR GAS SUR SP B	ADR	893870204	5	688	SH	SOLE	1	688	0	0
TRANSUNION	COM	89400J107	376	4,389	SH	SOLE	1	4,389	0	0
TRAVELERS COS INC/THE	COM	89417E109	17,471	127,572	SH	SOLE	1	127,572	0	0
TRAVELZOO	COM	89421Q205	35	3,293	SH	SOLE	1	3,293	0	0

TRECORA RESOURCES	COM	894648104	96	13,365	SH	SOLE	1	13,365	0	0
TREDEGAR CORP	COM	894650100	418	18,681	SH	SOLE	1	18,681	0	0
TREEHOUSE FOODS INC	COM	89469A104	5,265	108,549	SH	SOLE	1	108,549	0	0
TREX COMPANY INC	COM	89531P105	13,345	148,475	SH	SOLE	1	148,475	0	0
TRI POINTE GROUP INC	COM	87265H109	5,503	353,209	SH	SOLE	1	353,209	0	0
TRIBUNE PUBLISHING CO	COM	89609W107	144	10,967	SH	SOLE	1	10,967	0	0
TRICIDA INC	COM	89610F101	516	13,670	SH	SOLE	1	13,670	0	0
TRICO BANCSHARES	COM	896095106	684	16,759	SH	SOLE	1	16,759	0	0
TRIMAS CORP	COM	896215209	882	28,076	SH	SOLE	1	28,076	0	0
TRIMBLE INC	COM	896239100	20,060	481,181	SH	SOLE	1	481,181	0	0
TRINET GROUP INC	COM	896288107	1,584	27,987	SH	SOLE	1	27,987	0	0
TRINITY INDUSTRIES INC	COM	896522109	4,199	189,549	SH	SOLE	1	189,549	0	0
TRINSEO SA	COM	L9340P101	1,055	28,354	SH	SOLE	1	28,354	0	0
TRIP.COM GROUP LTD ADR	ADS	89677Q107	1,327	39,561	SH	SOLE	1	39,561	0	0
TRIPADVISOR INC	COM	896945201	6,769	222,815	SH	SOLE	1	222,815	0	0
TRIPLE S MANAGEMENT CORP B	COM	896749108	265	14,338	SH	SOLE	1	14,338	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	400	15,296	SH	SOLE	1	15,296	0	0
TRITON INTERNATIONAL LTD/BER	COM	G9078F107	1,362	33,878	SH	SOLE	1	33,878	0	0
TRIUMPH BANCORP INC	COM	89679E300	642	16,878	SH	SOLE	1	16,878	0	0
TRIUMPH GROUP INC	COM	896818101	906	35,862	SH	SOLE	1	35,862	0	0
TRONOX HOLDINGS PLC A	COM	G9087Q102	653	57,164	SH	SOLE	1	57,164	0	0
TRUEBLUE INC	COM	89785X101	673	27,953	SH	SOLE	1	27,953	0	0
TRUECAR INC	COM	89785L107	312	65,661	SH	SOLE	1	65,661	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	30,984	550,137	SH	SOLE	1	550,137	0	0
TRUPANION INC	COM	898202106	676	18,040	SH	SOLE	1	18,040	0	0
TRUSTCO BANK CORP NY	COM	898349105	597	68,842	SH	SOLE	1	68,842	0	0
TRUSTMARK CORP	COM	898402102	5,635	163,300	SH	SOLE	1	163,300	0	0
TTEC HOLDINGS INC	COM	89854H102	422	10,662	SH	SOLE	1	10,662	0	0
TTM TECHNOLOGIES	COM	87305R109	1,075	71,434	SH	SOLE	1	71,434	0	0
TUCOWS INC CLASS A	COM	898697206	365	5,911	SH	SOLE	1	5,911	0	0
TUPPERWARE BRANDS CORP	COM	899896104	302	35,245	SH	SOLE	1	35,245	0	0
TURNING POINT BRANDS INC	COM	90041L105	148	5,183	SH	SOLE	1	5,183	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	1,080	17,342	SH	SOLE	1	17,342	0	0
TUTOR PERINI CORP	COM	901109108	321	24,980	SH	SOLE	1	24,980	0	0
TWILIO INC A	COM	90138F102	275	2,801	SH	SOLE	1	2,801	0	0
TWIN DISC INC	COM	901476101	71	6,462	SH	SOLE	1	6,462	0	0
TWIN RIVER WORLDWIDE HOLDING	COM	90171V204	280	10,924	SH	SOLE	1	10,924	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	289	13,775	SH	SOLE	1	13,775	0	0
TWITTER INC	COM	90184L102	9,532	297,403	SH	SOLE	1	297,403	0	0
TWO HARBORS INVESTMENT CORP	COM	90187B408	62	4,254	SH	SOLE	1	4,254	0	0
TYLER TECHNOLOGIES INC	COM	902252105	22,655	75,513	SH	SOLE	1	75,513	0	0
TYME TECHNOLOGIES INC	COM	90238J103	52	36,960	SH	SOLE	1	36,960	0	0
TYSON FOODS INC CL A	CL A	902494103	10,516	115,510	SH	SOLE	1	115,510	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	1,040	9,093	SH	SOLE	1	9,093	0	0

UBIQUITI INC	COM	90353W103	67	353	SH	SOLE	1	353	0	0
UDR INC	COM	902653104	4,831	103,437	SH	SOLE	1	103,437	0	0
UFP TECHNOLOGIES INC	COM	902673102	210	4,231	SH	SOLE	1	4,231	0	0
UGI CORP	COM	902681105	18,216	403,367	SH	SOLE	1	403,367	0	0
ULTA BEAUTY INC	COM	90384S303	6,292	24,854	SH	SOLE	1	24,854	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	670	28,565	SH	SOLE	1	28,565	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	1,461	34,219	SH	SOLE	1	34,219	0	0
UMB FINANCIAL CORP	COM	902788108	7,582	110,454	SH	SOLE	1	110,454	0	0
UMH PROPERTIES INC	COM	903002103	357	22,681	SH	SOLE	1	22,681	0	0
UMPQUA HOLDINGS CORP	COM	904214103	7,523	425,002	SH	SOLE	1	425,002	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	1,389	64,319	SH	SOLE	1	64,319	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	1,540	80,313	SH	SOLE	1	80,313	0	0
UNIFI INC	COM	904677200	263	10,430	SH	SOLE	1	10,430	0	0
UNIFIRST CORP/MA	COM	904708104	2,211	10,948	SH	SOLE	1	10,948	0	0
UNION BANKSHARES INC /VT	COM	905400107	88	2,437	SH	SOLE	1	2,437	0	0
UNION PACIFIC CORP	COM	907818108	54,537	301,659	SH	SOLE	1	301,659	0	0
UNISYS CORP	COM	909214306	437	36,862	SH	SOLE	1	36,862	0	0
UNIT CORP	COM	909218109	23	33,264	SH	SOLE	1	33,264	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	8,995	102,117	SH	SOLE	1	102,117	0	0
UNITED BANKSHARES INC	COM	909907107	9,877	255,478	SH	SOLE	1	255,478	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,757	56,908	SH	SOLE	1	56,908	0	0
UNITED COMMUNITY FINANCIAL	COM	909839102	344	29,481	SH	SOLE	1	29,481	0	0
UNITED FIRE GROUP INC	COM	910340108	669	15,302	SH	SOLE	1	15,302	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	188	14,901	SH	SOLE	1	14,901	0	0
UNITED NATURAL FOODS INC	COM	911163103	337	38,499	SH	SOLE	1	38,499	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	31,107	265,739	SH	SOLE	1	265,739	0	0
UNITED RENTALS INC	COM	911363109	4,937	29,604	SH	SOLE	1	29,604	0	0
UNITED SECURITY BANCSHARE/CA	COM	911460103	90	8,433	SH	SOLE	1	8,433	0	0
UNITED STATES LIME & MINERAL	COM	911922102	113	1,256	SH	SOLE	1	1,256	0	0
UNITED STATES STEEL CORP	COM	912909108	3,745	328,189	SH	SOLE	1	328,189	0	0
UNITED TECHNOLOGIES CORP	COM	913017109	41,078	274,294	SH	SOLE	1	274,294	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	7,458	84,676	SH	SOLE	1	84,676	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	89,410	304,137	SH	SOLE	1	304,137	0	0
UNITI GROUP INC	COM	91325V108	1,263	153,895	SH	SOLE	1	153,895	0	0
UNITIL CORP	COM	913259107	565	9,142	SH	SOLE	1	9,142	0	0
UNITY BANCORP INC	COM	913290102	111	4,938	SH	SOLE	1	4,938	0	0
UNITY BIOTECHNOLOGY INC	COM	91381U101	129	17,894	SH	SOLE	1	17,894	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	60	2,473	SH	SOLE	1	2,473	0	0
UNIVERSAL CORP/VA	COM	913456109	1,013	17,749	SH	SOLE	1	17,749	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	16,932	82,164	SH	SOLE	1	82,164	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	510	9,752	SH	SOLE	1	9,752	0	0

UNIVERSAL FOREST PRODUCTS	COM	913543104	2,059	43,176	SH	SOLE	1	43,176	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	1,085	9,244	SH	SOLE	1	9,244	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	3,877	27,028	SH	SOLE	1	27,028	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	603	21,544	SH	SOLE	1	21,544	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	95	4,991	SH	SOLE	1	4,991	0	0
UNIVEST FINANCIAL CORP	COM	915271100	482	18,014	SH	SOLE	1	18,014	0	0
UNUM GROUP	COM	91529Y106	2,026	69,488	SH	SOLE	1	69,488	0	0
UPLAND SOFTWARE INC	COM	91544A109	512	14,337	SH	SOLE	1	14,337	0	0
UPWORK INC	COM	91688F104	384	35,950	SH	SOLE	1	35,950	0	0
URANIUM ENERGY CORP	COM	916896103	103	111,615	SH	SOLE	1	111,615	0	0
URBAN EDGE PROPERTIES	COM	91704F104	5,611	292,545	SH	SOLE	1	292,545	0	0
URBAN OUTFITTERS INC	COM	917047102	3,780	136,112	SH	SOLE	1	136,112	0	0
UROGEN PHARMA LTD	COM	M96088105	392	11,733	SH	SOLE	1	11,733	0	0
URSTADT BIDDLE CLASS A	COM	917286205	531	21,387	SH	SOLE	1	21,387	0	0
US BANCORP	COM	902973304	35,250	594,536	SH	SOLE	1	594,536	0	0
US CELLULAR CORP	COM	911684108	9	238	SH	SOLE	1	238	0	0
US CONCRETE INC	COM	90333L201	480	11,525	SH	SOLE	1	11,525	0	0
US ECOLOGY INC	COM	91734M103	1,016	17,539	SH	SOLE	1	17,539	0	0
US FOODS HOLDING CORP	COM	912008109	143	3,422	SH	SOLE	1	3,422	0	0
US SILICA HOLDINGS INC	COM	90346E103	326	52,956	SH	SOLE	1	52,956	0	0
US WELL SERVICES INC	COM	91274U101	24	12,568	SH	SOLE	1	12,568	0	0
US XPRESS ENTERPRISES INC A	COM	90338N202	69	13,674	SH	SOLE	1	13,674	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	711	9,055	SH	SOLE	1	9,055	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	235	2,180	SH	SOLE	1	2,180	0	0
VAIL RESORTS INC	COM	91879Q109	1,238	5,161	SH	SOLE	1	5,161	0	0
VALARIS PLC	COM	G9402V109	124	18,965	SH	SOLE	1	18,965	0	0
VALERO ENERGY CORP	COM	91913Y100	15,921	170,006	SH	SOLE	1	170,006	0	0
VALHI INC	COM	918905100	34	18,134	SH	SOLE	1	18,134	0	0
VALLEY NATIONAL BANCORP	COM	919794107	11,365	992,589	SH	SOLE	1	992,589	0	0
VALMONT INDUSTRIES	COM	920253101	6,222	41,542	SH	SOLE	1	41,542	0	0
VALUE LINE INC	COM	920437100	19	663	SH	SOLE	1	663	0	0
VALVOLINE INC	COM	92047W101	7,784	363,591	SH	SOLE	1	363,591	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	619	37,719	SH	SOLE	1	37,719	0	0
VAPOTHERM INC	COM	922107107	114	9,406	SH	SOLE	1	9,406	0	0
VAREX IMAGING CORP	COM	92214X106	813	27,256	SH	SOLE	1	27,256	0	0
VARIAN MEDICAL SYSTEMS INC	COM	92220P105	4,526	31,873	SH	SOLE	1	31,873	0	0
VARONIS SYSTEMS INC	COM	922280102	1,443	18,569	SH	SOLE	1	18,569	0	0
VBI VACCINES INC	COM	91822J103	132	95,902	SH	SOLE	1	95,902	0	0
VECTOR GROUP LTD	COM	92240M108	1,078	80,541	SH	SOLE	1	80,541	0	0
VECTRUS INC	COM	92242T101	362	7,071	SH	SOLE	1	7,071	0	0
VEDANTA LTD ADR	ADR	92242Y100	22	2,524	SH	SOLE	1	2,524	0	0
VEECO INSTRUMENTS INC	COM	922417100	512	34,835	SH	SOLE	1	34,835	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	427	3,034	SH	SOLE	1	3,034	0	0

VENTAS INC	COM	92276F100	8,031	139,094	SH	SOLE	1	139,094	0	0
VERA BRADLEY INC	COM	92335C106	178	15,064	SH	SOLE	1	15,064	0	0
VERACYTE INC	COM	92337F107	825	29,544	SH	SOLE	1	29,544	0	0
VEREIT INC	COM	92339V100	153	16,560	SH	SOLE	1	16,560	0	0
VERICEL CORP	COM	92346J108	488	28,025	SH	SOLE	1	28,025	0	0
VERINT SYSTEMS INC	COM	92343X100	2,303	41,600	SH	SOLE	1	41,600	0	0
VERISIGN INC	COM	92343E102	9,236	47,932	SH	SOLE	1	47,932	0	0
VERISK ANALYTICS INC	COM	92345Y106	11,239	75,260	SH	SOLE	1	75,260	0	0
VERITEX HOLDINGS INC	COM	923451108	1,050	36,029	SH	SOLE	1	36,029	0	0
VERITIV CORP	COM	923454102	184	9,334	SH	SOLE	1	9,334	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	412,088	6,711,529	SH	SOLE	1	6,711,529	0	0
VERRA MOBILITY CORP	COM	92511U102	1,118	79,900	SH	SOLE	1	79,900	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	128	8,073	SH	SOLE	1	8,073	0	0
VERSO CORP A	COM	92531L207	394	21,833	SH	SOLE	1	21,833	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	24,938	113,896	SH	SOLE	1	113,896	0	0
VF CORP	COM	918204108	11,948	119,883	SH	SOLE	1	119,883	0	0
VIACOMCBS INC CLASS A	CL A	92556H107	4	93	SH	SOLE	1	93	0	0
VIACOMCBS INC CLASS B	CL B	92556H206	7,735	184,293	SH	SOLE	1	184,293	0	0
VIAD CORP	COM	92552R406	980	14,515	SH	SOLE	1	14,515	0	0
VIASAT INC	COM	92552V100	8,145	111,282	SH	SOLE	1	111,282	0	0
VIAVI SOLUTIONS INC	COM	925550105	2,490	166,000	SH	SOLE	1	166,000	0	0
VICI PROPERTIES INC	COM	925652109	185	7,246	SH	SOLE	1	7,246	0	0
VICOR CORP	COM	925815102	603	12,905	SH	SOLE	1	12,905	0	0
VIELA BIO INC	COM	926613100	93	3,420	SH	SOLE	1	3,420	0	0
VIEWRAY INC	COM	92672L107	186	44,161	SH	SOLE	1	44,161	0	0
VIKING THERAPEUTICS INC	COM	92686J106	326	40,634	SH	SOLE	1	40,634	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	120	5,168	SH	SOLE	1	5,168	0	0
VINCE HOLDING CORP	COM	92719W207	33	1,931	SH	SOLE	1	1,931	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	78	5,533	SH	SOLE	1	5,533	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	57	4,512	SH	SOLE	1	4,512	0	0
VIRNETX HOLDING CORP	COM	92823T108	146	38,419	SH	SOLE	1	38,419	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	15	931	SH	SOLE	1	931	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	575	4,722	SH	SOLE	1	4,722	0	0
VIRTUSA CORP	COM	92827P102	944	20,827	SH	SOLE	1	20,827	0	0
VISA INC CLASS A SHARES	COM	92826C839	123,347	656,448	SH	SOLE	1	656,448	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	7,163	336,439	SH	SOLE	1	336,439	0	0
VISHAY PRECISION GROUP	COM	92835K103	222	6,531	SH	SOLE	1	6,531	0	0
VISTA OUTDOOR INC	COM	928377100	312	41,750	SH	SOLE	1	41,750	0	0
VISTEON CORP	COM	92839U206	6,150	71,022	SH	SOLE	1	71,022	0	0
VISTRA ENERGY CORP	COM	92840M102	153	6,650	SH	SOLE	1	6,650	0	0
VIVINT SOLAR INC	COM	92854Q106	201	27,641	SH	SOLE	1	27,641	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	405	19,500	SH	SOLE	1	19,500	0	0
VONAGE HOLDINGS CORP	COM	92886T201	1,213	163,671	SH	SOLE	1	163,671	0	0

VORNADO REALTY TRUST	COM	929042109	3,562	53,561	SH	SOLE	1	53,561	0	0
VOYA FINANCIAL INC	COM	929089100	139	2,278	SH	SOLE	1	2,278	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	211	15,117	SH	SOLE	1	15,117	0	0
VSE CORP	COM	918284100	208	5,460	SH	SOLE	1	5,460	0	0
VULCAN MATERIALS CO	COM	929160109	7,852	54,534	SH	SOLE	1	54,534	0	0
W&T OFFSHORE INC	COM	92922P106	328	58,958	SH	SOLE	1	58,958	0	0
WABASH NATIONAL CORP	COM	929566107	570	38,796	SH	SOLE	1	38,796	0	0
WABCO HOLDINGS INC	COM	92927K102	154	1,134	SH	SOLE	1	1,134	0	0
WABTEC CORP	COM	929740108	5,320	68,379	SH	SOLE	1	68,379	0	0
WADDELL & REED FINANCIAL A	COM	930059100	840	50,220	SH	SOLE	1	50,220	0	0
WAITR HOLDINGS INC	COM	930752100	12	36,149	SH	SOLE	1	36,149	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	324,980	5,511,875	SH	SOLE	1	5,511,875	0	0
WALKER & DUNLOP INC	COM	93148P102	1,300	20,092	SH	SOLE	1	20,092	0	0
WALMART INC	COM	931142103	54,119	455,391	SH	SOLE	1	455,391	0	0
WALT DISNEY CO/THE	COM	254687106	100,265	693,250	SH	SOLE	1	693,250	0	0
WARRIOR MET COAL INC	COM	93627C101	787	37,269	SH	SOLE	1	37,269	0	0
WASHINGTON FEDERAL INC	COM	938824109	7,312	199,512	SH	SOLE	1	199,512	0	0
WASHINGTON PRIME GROUP INC	COM	93964W108	491	134,900	SH	SOLE	1	134,900	0	0
WASHINGTON REIT	COM	939653101	1,691	57,965	SH	SOLE	1	57,965	0	0
WASHINGTON TRUST BANCORP	COM	940610108	509	9,469	SH	SOLE	1	9,469	0	0
WASTE MANAGEMENT INC	COM	94106L109	17,528	153,807	SH	SOLE	1	153,807	0	0
WATERS CORP	COM	941848103	5,841	24,997	SH	SOLE	1	24,997	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	281	14,779	SH	SOLE	1	14,779	0	0
WATFORD HOLDINGS LTD	COM	G94787101	301	11,970	SH	SOLE	1	11,970	0	0
WATSCO INC	COM	942622200	11,350	63,005	SH	SOLE	1	63,005	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	1,988	19,932	SH	SOLE	1	19,932	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	113	14,100	SH	SOLE	1	14,100	0	0
WAYFAIR INC CLASS A	COM	94419L101	132	1,457	SH	SOLE	1	1,457	0	0
WD 40 CO	COM	929236107	1,926	9,919	SH	SOLE	1	9,919	0	0
WEBSTER FINANCIAL CORP	COM	947890109	9,477	177,604	SH	SOLE	1	177,604	0	0
WEC ENERGY GROUP INC	COM	92939U106	15,113	163,867	SH	SOLE	1	163,867	0	0
WEIBO CORP SPON ADR	ADR	948596101	32	693	SH	SOLE	1	693	0	0
WEINGARTEN REALTY INVESTORS	COM	948741103	7,292	233,430	SH	SOLE	1	233,430	0	0
WEIS MARKETS INC	COM	948849104	242	5,975	SH	SOLE	1	5,975	0	0
WELBILT INC	COM	949090104	1,270	81,329	SH	SOLE	1	81,329	0	0
WELLCARE HEALTH PLANS INC	COM	94946T106	9,934	30,084	SH	SOLE	1	30,084	0	0
WELLS FARGO & CO	COM	949746101	66,470	1,235,505	SH	SOLE	1	1,235,505	0	0
WELLTOWER INC	COM	95040Q104	12,881	157,508	SH	SOLE	1	157,508	0	0
WENDY S CO/THE	COM	95058W100	7,921	356,644	SH	SOLE	1	356,644	0	0
WERNER ENTERPRISES INC	COM	950755108	4,117	113,127	SH	SOLE	1	113,127	0	0
WESBANCO INC	COM	950810101	1,533	40,578	SH	SOLE	1	40,578	0	0
WESCO AIRCRAFT HOLDINGS INC	COM	950814103	368	33,349	SH	SOLE	1	33,349	0	0
WESCO	COM	95082P105	39	664	SH	SOLE	1	664	0	0

INTERNATIONAL INC										
WEST BANCORPORATION	COM	95123P106	257	10,015	SH	SOLE	1	10,015	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	21,530	143,215	SH	SOLE	1	143,215	0	0
WESTAMERICA BANCORPORATION	COM	957090103	1,282	18,920	SH	SOLE	1	18,920	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	91	1,597	SH	SOLE	1	1,597	0	0
WESTERN ASSET MORTGAGE CAPIT	COM	95790D105	336	32,551	SH	SOLE	1	32,551	0	0
WESTERN DIGITAL CORP	COM	958102105	8,243	129,873	SH	SOLE	1	129,873	0	0
WESTERN NEW ENGLAND BANCORP	COM	958892101	144	14,924	SH	SOLE	1	14,924	0	0
WESTERN UNION CO	COM	959802109	4,980	185,947	SH	SOLE	1	185,947	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	39	553	SH	SOLE	1	553	0	0
WESTROCK CO	COM	96145D105	6,580	153,335	SH	SOLE	1	153,335	0	0
WESTWOOD HOLDINGS GROUP INC	COM	961765104	150	5,053	SH	SOLE	1	5,053	0	0
WEX INC	COM	96208T104	17,569	83,877	SH	SOLE	1	83,877	0	0
WEYCO GROUP INC	COM	962149100	101	3,803	SH	SOLE	1	3,803	0	0
WEYERHAEUSER CO	COM	962166104	8,200	271,534	SH	SOLE	1	271,534	0	0
WHIRLPOOL CORP	COM	963320106	3,938	26,694	SH	SOLE	1	26,694	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	54	48	SH	SOLE	1	48	0	0
WHITESTONE REIT	COM	966084204	380	27,891	SH	SOLE	1	27,891	0	0
WHITING PETROLEUM CORP	COM	966387409	482	65,729	SH	SOLE	1	65,729	0	0
WIDOPENWEST INC	COM	96758W101	114	15,429	SH	SOLE	1	15,429	0	0
WILEY (JOHN) & SONS CLASS A	COM	968223206	4,097	84,438	SH	SOLE	1	84,438	0	0
WILLDAN GROUP INC	COM	96924N100	200	6,292	SH	SOLE	1	6,292	0	0
WILLIAM LYON HOMES CL A	CL A	552074700	461	23,066	SH	SOLE	1	23,066	0	0
WILLIAMS COS INC	COM	969457100	9,681	408,134	SH	SOLE	1	408,134	0	0
WILLIAMS SONOMA INC	COM	969904101	11,999	163,380	SH	SOLE	1	163,380	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	108	1,827	SH	SOLE	1	1,827	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	11,386	56,385	SH	SOLE	1	56,385	0	0
WILLSCOT CORP	COM	971375126	598	32,344	SH	SOLE	1	32,344	0	0
WINGSTOP INC	COM	974155103	1,828	21,201	SH	SOLE	1	21,201	0	0
WINMARK CORP	COM	974250102	309	1,559	SH	SOLE	1	1,559	0	0
WINNEBAGO INDUSTRIES	COM	974637100	1,203	22,709	SH	SOLE	1	22,709	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	7,808	110,130	SH	SOLE	1	110,130	0	0
WIPRO LTD ADR	ADR	97651M109	43	11,420	SH	SOLE	1	11,420	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	459	94,776	SH	SOLE	1	94,776	0	0
WIX.COM LTD	COM	M98068105	649	5,300	SH	SOLE	1	5,300	0	0
WNS HOLDINGS LTD ADR	ADR	92932M101	43	651	SH	SOLE	1	651	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	1,944	57,614	SH	SOLE	1	57,614	0	0
WOODWARD INC	COM	980745103	12,928	109,154	SH	SOLE	1	109,154	0	0
WORKDAY INC CLASS A	COM	98138H101	1,746	10,618	SH	SOLE	1	10,618	0	0
WORKIVA INC	COM	98139A105	968	23,010	SH	SOLE	1	23,010	0	0
WORLD ACCEPTANCE CORP	COM	981419104	342	3,961	SH	SOLE	1	3,961	0	0
WORLD FUEL SERVICES	COM	981475106	7,189	165,579	SH	SOLE	1	165,579	0	0

CORP										
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	5,960	91,875	SH	SOLE	1	91,875	0	0
WORTHINGTON INDUSTRIES	COM	981811102	4,002	94,873	SH	SOLE	1	94,873	0	0
WP CAREY INC	COM	92936U109	212	2,651	SH	SOLE	1	2,651	0	0
WPX ENERGY INC	COM	98212B103	11,051	804,319	SH	SOLE	1	804,319	0	0
WR BERKLEY CORP	COM	084423102	3,375	48,837	SH	SOLE	1	48,837	0	0
WR GRACE & CO	COM	38388F108	94	1,340	SH	SOLE	1	1,340	0	0
WRAP TECHNOLOGIES INC	COM	98212N107	33	5,125	SH	SOLE	1	5,125	0	0
WRIGHT MEDICAL GROUP NV	COM	N96617118	2,409	79,020	SH	SOLE	1	79,020	0	0
WSFS FINANCIAL CORP	COM	929328102	1,414	32,146	SH	SOLE	1	32,146	0	0
WW GRAINGER INC	COM	384802104	5,680	16,780	SH	SOLE	1	16,780	0	0
WW INTERNATIONAL INC	COM	98262P101	4,516	118,186	SH	SOLE	1	118,186	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	9,049	175,057	SH	SOLE	1	175,057	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	11,550	183,895	SH	SOLE	1	183,895	0	0
WYNN RESORTS LTD	COM	983134107	4,758	34,262	SH	SOLE	1	34,262	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	80	7,431	SH	SOLE	1	7,431	0	0
XBIOTECH INC	COM	98400H102	222	11,880	SH	SOLE	1	11,880	0	0
XCEL ENERGY INC	COM	98389B100	13,405	211,131	SH	SOLE	1	211,131	0	0
XENCOR INC	COM	98401F105	1,181	34,355	SH	SOLE	1	34,355	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	1,768	81,793	SH	SOLE	1	81,793	0	0
XERIS PHARMACEUTICALS INC	COM	98422L107	118	16,696	SH	SOLE	1	16,696	0	0
XEROX HOLDINGS CORP	COM	98421M106	2,452	66,500	SH	SOLE	1	66,500	0	0
XILINX INC	COM	983919101	10,783	110,292	SH	SOLE	1	110,292	0	0
XPERI CORP	COM	98421B100	658	35,591	SH	SOLE	1	35,591	0	0
XPO LOGISTICS INC	COM	983793100	14,229	178,535	SH	SOLE	1	178,535	0	0
XYLEM INC	COM	98419M100	4,980	63,200	SH	SOLE	1	63,200	0	0
Y MABS THERAPEUTICS INC	COM	984241109	463	14,805	SH	SOLE	1	14,805	0	0
YELP INC	COM	985817105	5,755	165,221	SH	SOLE	1	165,221	0	0
YETI HOLDINGS INC	COM	98585X104	898	25,821	SH	SOLE	1	25,821	0	0
YEXT INC	COM	98585N106	853	59,188	SH	SOLE	1	59,188	0	0
YORK WATER CO	COM	987184108	373	8,087	SH	SOLE	1	8,087	0	0
YOUNGEVITY INTERNATIONAL INC	COM	987537206	18	5,396	SH	SOLE	1	5,396	0	0
YPF S.A. SPONSORED ADR	ADR	984245100	24	2,106	SH	SOLE	1	2,106	0	0
YRC WORLDWIDE INC	COM	984249607	53	20,884	SH	SOLE	1	20,884	0	0
YUM BRANDS INC	COM	988498101	13,168	130,724	SH	SOLE	1	130,724	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	625	13,023	SH	SOLE	1	13,023	0	0
ZAGG INC	COM	98884U108	142	17,565	SH	SOLE	1	17,565	0	0
ZAYO GROUP HOLDINGS INC	COM	98919V105	184	5,296	SH	SOLE	1	5,296	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	4,896	19,167	SH	SOLE	1	19,167	0	0
ZENDESK INC	COM	98936J101	196	2,560	SH	SOLE	1	2,560	0	0
ZILLOW GROUP INC A	COM	98954M101	40	883	SH	SOLE	1	883	0	0
ZILLOW GROUP INC C	COM	98954M200	89	1,936	SH	SOLE	1	1,936	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	10,365	69,248	SH	SOLE	1	69,248	0	0
ZIONS BANCORP NA	COM	989701107	3,179	61,238	SH	SOLE	1	61,238	0	0

ZIOPHARM ONCOLOGY INC	COM	98973P101	474	100,512	SH	SOLE	1	100,512	0	0
ZIX CORP	COM	98974P100	227	33,472	SH	SOLE	1	33,472	0	0
ZOETIS INC	COM	98978V103	30,181	228,037	SH	SOLE	1	228,037	0	0
ZOGENIX INC	COM	98978L204	1,392	26,710	SH	SOLE	1	26,710	0	0
ZSCALER INC	COM	98980G102	68	1,456	SH	SOLE	1	1,456	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	98	4,200	SH	SOLE	1	4,200	0	0
ZUMIEZ INC	COM	989817101	499	14,452	SH	SOLE	1	14,452	0	0
ZUORA INC CLASS A	COM	98983V106	794	55,380	SH	SOLE	1	55,380	0	0
ZYNERBA PHARMACEUTICALS INC	COM	98986X109	87	14,331	SH	SOLE	1	14,331	0	0
ZYNEX INC	COM	98986M103	78	9,902	SH	SOLE	1	9,902	0	0
ZYNGA INC CL A	CL A	98986T108	90	14,728	SH	SOLE	1	14,728	0	0