

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

FORM 13F INFORMATION TABLE

OMB APPROVAL	
OMB Number:	3235-0006
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COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (x\$1000)	SHRS OR PRN	SH/ PUT/ CALL	INVESTMENT DISCRETION	OTHER MANAGER	SOLE	SHARED	NONE	VOTING AUTHORITY
1 800 FLOWERS.COM INC CL A	COM	68243Q106	298	15,773	SH	SOLE	1	15,773	0	0	
1ST CONSTITUTION BANCORP	COM	31986N102	88	4,769	SH	SOLE	1	4,769	0	0	
1ST SOURCE CORP	COM	336901103	416	8,973	SH	SOLE	1	8,973	0	0	
22ND CENTURY GROUP INC	COM	90137F103	154	73,576	SH	SOLE	1	73,576	0	0	
2U INC	COM	90214J101	40	1,073	SH	SOLE	1	1,073	0	0	
3D SYSTEMS CORP	COM	88554D205	778	85,525	SH	SOLE	1	85,525	0	0	
3M CO	COM	88579Y101	41,889	241,659	SH	SOLE	1	241,659	0	0	
51JOB INC ADR	ADR	316827104	23	300	SH	SOLE	1	300	0	0	
58.COM INC ADR	ADR	31680Q104	81	1,302	SH	SOLE	1	1,302	0	0	
8X8 INC	COM	282914100	1,701	70,579	SH	SOLE	1	70,579	0	0	
A10 NETWORKS INC	COM	002121101	242	35,523	SH	SOLE	1	35,523	0	0	
AARON S INC	COM	002535300	10,691	174,100	SH	SOLE	1	174,100	0	0	
ABBOTT LABORATORIES	COM	002824100	54,757	651,099	SH	SOLE	1	651,099	0	0	
ABBVIE INC	COM	00287Y109	318,678	4,382,261	SH	SOLE	1	4,382,261	0	0	
ABEONA THERAPEUTICS INC	COM	00289Y107	98	20,466	SH	SOLE	1	20,466	0	0	
ABERCROMBIE & FITCH CO CL A	COM	002896207	800	49,896	SH	SOLE	1	49,896	0	0	
ABIOMED INC	COM	003654100	4,251	16,319	SH	SOLE	1	16,319	0	0	
ABM INDUSTRIES INC	COM	000957100	1,996	49,900	SH	SOLE	1	49,900	0	0	
ABRAXAS PETROLEUM CORP	COM	003830106	105	101,842	SH	SOLE	1	101,842	0	0	
ACACIA COMMUNICATIONS INC	COM	00401C108	1,124	23,832	SH	SOLE	1	23,832	0	0	
ACACIA RESEARCH CORP	COM	003881307	91	30,892	SH	SOLE	1	30,892	0	0	
ACADIA HEALTHCARE CO INC	COM	00404A109	6,056	173,272	SH	SOLE	1	173,272	0	0	
ACADIA PHARMACEUTICALS INC	COM	004225108	1,791	66,993	SH	SOLE	1	66,993	0	0	
ACADIA REALTY TRUST	COM	004239109	1,675	61,211	SH	SOLE	1	61,211	0	0	
ACCELERATE DIAGNOSTICS INC	COM	00430H102	397	17,343	SH	SOLE	1	17,343	0	0	
ACCELERON PHARMA INC	COM	00434H108	1,176	28,637	SH	SOLE	1	28,637	0	0	
ACCO BRANDS CORP	COM	00081T108	503	63,913	SH	SOLE	1	63,913	0	0	
ACCURAY INC	COM	004397105	214	55,240	SH	SOLE	1	55,240	0	0	
ACELRX PHARMACEUTICALS INC	COM	00444T100	127	49,824	SH	SOLE	1	49,824	0	0	
ACER THERAPEUTICS INC	COM	00444P108	12	3,192	SH	SOLE	1	3,192	0	0	
ACETO CORP	COM	004446100	0	1	SH	SOLE	1	1	0	0	

ACHILLION PHARMACEUTICALS	COM	00448Q201	232	86,639	SH	SOLE	1	86,639	0	0
ACI WORLDWIDE INC	COM	004498101	9,739	283,603	SH	SOLE	1	283,603	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	43	19,592	SH	SOLE	1	19,592	0	0
ACNB CORP	COM	000868109	172	4,350	SH	SOLE	1	4,350	0	0
ACORDA THERAPEUTICS INC	COM	00484M106	254	33,083	SH	SOLE	1	33,083	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	15,295	324,052	SH	SOLE	1	324,052	0	0
ACTUANT CORP A	COM	00508X203	1,054	42,471	SH	SOLE	1	42,471	0	0
ACUITY BRANDS INC	COM	00508Y102	10,764	78,049	SH	SOLE	1	78,049	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	588	22,376	SH	SOLE	1	22,376	0	0
ADAMAS PHARMACEUTICALS INC	COM	00548A106	89	14,357	SH	SOLE	1	14,357	0	0
ADDUS HOMECARE CORP	COM	006739106	589	7,865	SH	SOLE	1	7,865	0	0
ADESTO TECHNOLOGIES CORP	COM	00687D101	139	17,010	SH	SOLE	1	17,010	0	0
ADMA BIOLOGICS INC	COM	000899104	67	17,385	SH	SOLE	1	17,385	0	0
ADOBE INC	COM	00724F101	60,823	206,426	SH	SOLE	1	206,426	0	0
ADT INC	COM	00090Q103	11	1,830	SH	SOLE	1	1,830	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	6,557	145,543	SH	SOLE	1	145,543	0	0
ADTRAN INC	COM	00738A106	545	35,754	SH	SOLE	1	35,754	0	0
ADURO BIOTECH INC	COM	00739L101	64	41,650	SH	SOLE	1	41,650	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	3,754	24,357	SH	SOLE	1	24,357	0	0
ADVANCED DISPOSAL SERVICES I	COM	00790X101	1,475	46,211	SH	SOLE	1	46,211	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	759	23,147	SH	SOLE	1	23,147	0	0
ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	132	10,465	SH	SOLE	1	10,465	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,607	28,563	SH	SOLE	1	28,563	0	0
ADVANCED MICRO DEVICES	COM	007903107	12,016	395,658	SH	SOLE	1	395,658	0	0
ADVANSIX INC	COM	00773T101	521	21,322	SH	SOLE	1	21,322	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	402	33,777	SH	SOLE	1	33,777	0	0
AECOM	COM	00766T100	12,792	337,977	SH	SOLE	1	337,977	0	0
AEGION CORP	COM	00770F104	427	23,223	SH	SOLE	1	23,223	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	114	16,636	SH	SOLE	1	16,636	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	793	26,841	SH	SOLE	1	26,841	0	0
AEROHIVE NETWORKS INC	COM	007786106	123	27,797	SH	SOLE	1	27,797	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	2,449	54,701	SH	SOLE	1	54,701	0	0
AEROVIRONMENT INC	COM	008073108	906	15,964	SH	SOLE	1	15,964	0	0
AES CORP	COM	00130H105	6,713	400,511	SH	SOLE	1	400,511	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	1,628	17,673	SH	SOLE	1	17,673	0	0
AFLAC INC	COM	001055102	17,491	319,114	SH	SOLE	1	319,114	0	0
AG MORTGAGE INVESTMENT TRUST	COM	001228105	329	20,694	SH	SOLE	1	20,694	0	0
AGCO CORP	COM	001084102	9,774	126,003	SH	SOLE	1	126,003	0	0
AGENUS INC	COM	00847G705	200	66,534	SH	SOLE	1	66,534	0	0
AGEX THERAPEUTICS	COM	00848H108	50	13,524	SH	SOLE	1	13,524	0	0

INC										
AGILENT TECHNOLOGIES INC	COM	00846U101	9,550	127,896	SH	SOLE	1	127,896	0	0
AGILYSYS INC	COM	00847J105	285	13,254	SH	SOLE	1	13,254	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	44	881	SH	SOLE	1	881	0	0
AGNC INVESTMENT CORP	COM	00123Q104	146	8,692	SH	SOLE	1	8,692	0	0
AGREE REALTY CORP	COM	008492100	1,813	28,301	SH	SOLE	1	28,301	0	0
AIMMUNE THERAPEUTICS INC	COM	00900T107	588	28,249	SH	SOLE	1	28,249	0	0
AIR LEASE CORP	COM	00912X302	72	1,748	SH	SOLE	1	1,748	0	0
AIR PRODUCTS & CHEMICALS INC	COM	009158106	18,750	82,828	SH	SOLE	1	82,828	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	907	37,184	SH	SOLE	1	37,184	0	0
AIRGAIN INC	COM	00938A104	83	5,885	SH	SOLE	1	5,885	0	0
AK STEEL HOLDING CORP	COM	001547108	560	236,320	SH	SOLE	1	236,320	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	4,710	58,776	SH	SOLE	1	58,776	0	0
AKCEA THERAPEUTICS INC	COM	00972L107	185	7,908	SH	SOLE	1	7,908	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	363	75,068	SH	SOLE	1	75,068	0	0
AKORN INC	COM	009728106	361	70,130	SH	SOLE	1	70,130	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	102	15,968	SH	SOLE	1	15,968	0	0
ALAMO GROUP INC	COM	011311107	729	7,296	SH	SOLE	1	7,296	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,465	27,384	SH	SOLE	1	27,384	0	0
ALASKA AIR GROUP INC	COM	011659109	2,752	43,053	SH	SOLE	1	43,053	0	0
ALBANY INTL CORP CL A	COM	012348108	1,813	21,869	SH	SOLE	1	21,869	0	0
ALBEMARLE CORP	COM	012653101	2,575	36,571	SH	SOLE	1	36,571	0	0
ALBIREO PHARMA INC	COM	01345P106	212	6,566	SH	SOLE	1	6,566	0	0
ALCOA CORP	COM	013872106	70	3,010	SH	SOLE	1	3,010	0	0
ALDER BIOPHARMACEUTICALS INC	COM	014339105	546	46,382	SH	SOLE	1	46,382	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	86	14,340	SH	SOLE	1	14,340	0	0
ALECTOR INC	COM	014442107	119	6,249	SH	SOLE	1	6,249	0	0
ALEXANDER & BALDWIN INC	COM	014491104	4,043	175,023	SH	SOLE	1	175,023	0	0
ALEXANDER S INC	COM	014752109	502	1,355	SH	SOLE	1	1,355	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	5,499	38,972	SH	SOLE	1	38,972	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	12,653	96,606	SH	SOLE	1	96,606	0	0
ALIBABA GROUP HOLDING SP ADR	ADR	01609W102	3,415	20,155	SH	SOLE	1	20,155	0	0
ALICO INC	COM	016230104	78	2,566	SH	SOLE	1	2,566	0	0
ALIGN TECHNOLOGY INC	COM	016255101	8,890	32,481	SH	SOLE	1	32,481	0	0
ALLAKOS INC	COM	01671P100	478	11,031	SH	SOLE	1	11,031	0	0
ALLEGHANY CORP	COM	017175100	19,222	28,221	SH	SOLE	1	28,221	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	8,170	324,195	SH	SOLE	1	324,195	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	413	12,378	SH	SOLE	1	12,378	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	1,397	9,732	SH	SOLE	1	9,732	0	0

ALLETE INC	COM	018522300	11,067	133,000	SH	SOLE	1	133,000	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	2,117	15,106	SH	SOLE	1	15,106	0	0
ALLIANT ENERGY CORP	COM	018802108	3,935	80,174	SH	SOLE	1	80,174	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	170	4,496	SH	SOLE	1	4,496	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	130	2,807	SH	SOLE	1	2,807	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	662	24,664	SH	SOLE	1	24,664	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	4,977	427,960	SH	SOLE	1	427,960	0	0
ALLSTATE CORP	COM	020002101	17,446	171,558	SH	SOLE	1	171,558	0	0
ALLY FINANCIAL INC	COM	02005N100	200	6,445	SH	SOLE	1	6,445	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	178	2,448	SH	SOLE	1	2,448	0	0
ALPHABET INC CL A	COM	02079K305	145,736	134,592	SH	SOLE	1	134,592	0	0
ALPHABET INC CL C	COM	02079K107	126,287	116,834	SH	SOLE	1	116,834	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	86	18,980	SH	SOLE	1	18,980	0	0
ALTAIR ENGINEERING INC A	COM	021369103	990	24,517	SH	SOLE	1	24,517	0	0
ALTERYX INC CLASS A	COM	02156B103	121	1,111	SH	SOLE	1	1,111	0	0
ALTICE USA INC A	COM	02156K103	196	8,038	SH	SOLE	1	8,038	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	1,468	40,915	SH	SOLE	1	40,915	0	0
ALTRIA GROUP INC	COM	02209S103	304,210	6,424,716	SH	SOLE	1	6,424,716	0	0
ALTUS MIDSTREAM CO A	COM	02215L100	119	32,032	SH	SOLE	1	32,032	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	252	25,254	SH	SOLE	1	25,254	0	0
AMALGAMATED BK OF NEW YORK A	COM	022663108	154	8,809	SH	SOLE	1	8,809	0	0
AMAZON.COM INC	COM	023135106	300,506	158,693	SH	SOLE	1	158,693	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	572	33,921	SH	SOLE	1	33,921	0	0
AMBER ROAD INC	COM	02318Y108	208	15,896	SH	SOLE	1	15,896	0	0
AMC ENTERTAINMENT HLDS CL A	COM	00165C104	306	32,804	SH	SOLE	1	32,804	0	0
AMC NETWORKS INC A	COM	00164V103	4,843	88,882	SH	SOLE	1	88,882	0	0
AMEDISYS INC	COM	023436108	9,282	76,449	SH	SOLE	1	76,449	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	264	6,803	SH	SOLE	1	6,803	0	0
AMERANT BANCORP INC	COM	023576101	243	12,302	SH	SOLE	1	12,302	0	0
AMERCO	COM	023586100	54	143	SH	SOLE	1	143	0	0
AMEREN CORPORATION	COM	023608102	6,172	82,178	SH	SOLE	1	82,178	0	0
AMERESCO INC CL A	COM	02361E108	206	13,965	SH	SOLE	1	13,965	0	0
AMERICA S CAR MART INC	COM	03062T105	342	3,969	SH	SOLE	1	3,969	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	5,598	171,674	SH	SOLE	1	171,674	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	1,648	34,969	SH	SOLE	1	34,969	0	0
AMERICAN AXLE & MFG HOLDINGS	COM	024061103	1,072	84,035	SH	SOLE	1	84,035	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	12,378	268,165	SH	SOLE	1	268,165	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	7,097	419,923	SH	SOLE	1	419,923	0	0
AMERICAN ELECTRIC	COM	025537101	14,290	162,370	SH	SOLE	1	162,370	0	0

POWER										
AMERICAN EQUITY INVNT LIFE HL	COM	025676206	1,838	67,681	SH	SOLE	1	67,681	0	0
AMERICAN EXPRESS CO	COM	025816109	33,193	268,900	SH	SOLE	1	268,900	0	0
AMERICAN FINANCE TRUST INC	COM	02607T109	742	67,993	SH	SOLE	1	67,993	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	14,190	138,475	SH	SOLE	1	138,475	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	123	5,073	SH	SOLE	1	5,073	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	15,249	286,203	SH	SOLE	1	286,203	0	0
AMERICAN NATIONAL INSURANCE	COM	028591105	14	120	SH	SOLE	1	120	0	0
AMERICAN OUTDOOR BRANDS CORP	COM	02874P103	310	34,400	SH	SOLE	1	34,400	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	362	12,241	SH	SOLE	1	12,241	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	22	1,584	SH	SOLE	1	1,584	0	0
AMERICAN RENAL ASSOCIATES HO	COM	029227105	87	11,664	SH	SOLE	1	11,664	0	0
AMERICAN SOFTWARE INC CL A	COM	029683109	241	18,336	SH	SOLE	1	18,336	0	0
AMERICAN STATES WATER CO	COM	029899101	2,070	27,509	SH	SOLE	1	27,509	0	0
AMERICAN SUPERCONDUCTOR CORP	COM	030111207	124	13,354	SH	SOLE	1	13,354	0	0
AMERICAN TOWER CORP	COM	03027X100	33,441	163,568	SH	SOLE	1	163,568	0	0
AMERICAN VANGUARD CORP	COM	030371108	324	21,029	SH	SOLE	1	21,029	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	10,812	93,207	SH	SOLE	1	93,207	0	0
AMERICAN WOODMARK CORP	COM	030506109	961	11,355	SH	SOLE	1	11,355	0	0
AMERICOLD REALTY TRUST	COM	03064D108	152	4,681	SH	SOLE	1	4,681	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	7,696	53,014	SH	SOLE	1	53,014	0	0
AMERIS BANCORP	COM	03076K108	1,808	46,146	SH	SOLE	1	46,146	0	0
AMERISAFE INC	COM	03071H100	915	14,347	SH	SOLE	1	14,347	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	4,680	54,893	SH	SOLE	1	54,893	0	0
AMES NATIONAL CORP	COM	031001100	153	5,643	SH	SOLE	1	5,643	0	0
AMETEK INC	COM	031100100	8,322	91,613	SH	SOLE	1	91,613	0	0
AMGEN INC	COM	031162100	51,997	282,163	SH	SOLE	1	282,163	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,838	147,248	SH	SOLE	1	147,248	0	0
AMKOR TECHNOLOGY INC	COM	031652100	466	62,459	SH	SOLE	1	62,459	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	1,877	34,591	SH	SOLE	1	34,591	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	427	59,576	SH	SOLE	1	59,576	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	566	26,835	SH	SOLE	1	26,835	0	0
AMPHENOL CORP CL A	COM	032095101	10,000	104,230	SH	SOLE	1	104,230	0	0
AMYRIS INC	COM	03236M200	84	23,687	SH	SOLE	1	23,687	0	0
ANADARKO PETROLEUM CORP	COM	032511107	12,823	181,731	SH	SOLE	1	181,731	0	0
ANALOG DEVICES INC	COM	032654105	17,851	158,153	SH	SOLE	1	158,153	0	0
ANAPLAN INC	COM	03272L108	101	2,004	SH	SOLE	1	2,004	0	0

ANAPTYSBIO INC	COM	032724106	881	15,621	SH	SOLE	1	15,621	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	92	27,296	SH	SOLE	1	27,296	0	0
ANDERSONS INC/THE	COM	034164103	627	23,017	SH	SOLE	1	23,017	0	0
ANGIODYNAMICS INC	COM	03475V101	540	27,439	SH	SOLE	1	27,439	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	557	6,772	SH	SOLE	1	6,772	0	0
ANIKA THERAPEUTICS INC	COM	035255108	422	10,397	SH	SOLE	1	10,397	0	0
ANIXTER INTERNATIONAL INC	COM	035290105	1,354	22,683	SH	SOLE	1	22,683	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	215	23,588	SH	SOLE	1	23,588	0	0
ANSYS INC	COM	03662Q105	5,892	28,769	SH	SOLE	1	28,769	0	0
ANTARES PHARMA INC	COM	036642106	338	102,840	SH	SOLE	1	102,840	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	42	3,653	SH	SOLE	1	3,653	0	0
ANTERO RESOURCES CORP	COM	03674X106	24	4,277	SH	SOLE	1	4,277	0	0
ANTHEM INC	COM	036752103	23,885	84,634	SH	SOLE	1	84,634	0	0
ANWORTH MORTGAGE ASSET CORP	COM	037347101	235	62,102	SH	SOLE	1	62,102	0	0
APACHE CORP	COM	037411105	4,596	158,664	SH	SOLE	1	158,664	0	0
APARTMENT INVT & MGMT CO A	COM	03748R754	2,495	49,785	SH	SOLE	1	49,785	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	779	30,734	SH	SOLE	1	30,734	0	0
APERGY CORP	COM	03755L104	5,071	151,204	SH	SOLE	1	151,204	0	0
APOGEE ENTERPRISES INC	COM	037598109	854	19,667	SH	SOLE	1	19,667	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	2,067	112,377	SH	SOLE	1	112,377	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	67	4,013	SH	SOLE	1	4,013	0	0
APPFOLIO INC A	COM	03783C100	996	9,741	SH	SOLE	1	9,741	0	0
APPIAN CORP	COM	03782L101	715	19,830	SH	SOLE	1	19,830	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	54	3,401	SH	SOLE	1	3,401	0	0
APPLE INC	COM	037833100	362,623	1,832,171	SH	SOLE	1	1,832,171	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	1,771	28,784	SH	SOLE	1	28,784	0	0
APPLIED MATERIALS INC	COM	038222105	17,882	398,172	SH	SOLE	1	398,172	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	146	14,243	SH	SOLE	1	14,243	0	0
APTARGROUP INC	COM	038336103	15,377	123,671	SH	SOLE	1	123,671	0	0
APYX MEDICAL CORP	COM	03837C106	143	21,174	SH	SOLE	1	21,174	0	0
AQUA AMERICA INC	COM	03836W103	17,438	421,508	SH	SOLE	1	421,508	0	0
AQUANTIA CORP	COM	03842Q108	233	17,886	SH	SOLE	1	17,886	0	0
ARAMARK	COM	03852U106	143	3,966	SH	SOLE	1	3,966	0	0
ARATANA THERAPEUTICS INC	COM	03874P101	159	30,759	SH	SOLE	1	30,759	0	0
ARCBEST CORP	COM	03937C105	537	19,102	SH	SOLE	1	19,102	0	0
ARCH COAL INC A	COM	039380407	1,009	10,715	SH	SOLE	1	10,715	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	7,889	193,361	SH	SOLE	1	193,361	0	0
ARCHROCK INC	COM	03957W106	1,026	96,783	SH	SOLE	1	96,783	0	0
ARCONIC INC	COM	03965L100	3,559	137,850	SH	SOLE	1	137,850	0	0
ARCOSA INC	COM	039653100	1,373	36,467	SH	SOLE	1	36,467	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	159	20,050	SH	SOLE	1	20,050	0	0

ARDELYX INC	COM	039697107	81	29,988	SH	SOLE	1	29,988	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	1,863	31,769	SH	SOLE	1	31,769	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	255	17,162	SH	SOLE	1	17,162	0	0
ARES MANAGEMENT CORP A	COM	03990B101	1,072	40,944	SH	SOLE	1	40,944	0	0
ARGAN INC	COM	04010E109	380	9,360	SH	SOLE	1	9,360	0	0
ARISTA NETWORKS INC	COM	040413106	4,747	18,284	SH	SOLE	1	18,284	0	0
ARLINGTON ASSET INVESTMENT A	COM	041356205	158	22,945	SH	SOLE	1	22,945	0	0
ARLO TECHNOLOGIES INC W/I	COM	04206A101	223	55,496	SH	SOLE	1	55,496	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	647	39,086	SH	SOLE	1	39,086	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	817	43,822	SH	SOLE	1	43,822	0	0
ARMSTRONG FLOORING INC	COM	04238R106	134	13,583	SH	SOLE	1	13,583	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	116	1,196	SH	SOLE	1	1,196	0	0
ARQULE INC	COM	04269E107	714	64,840	SH	SOLE	1	64,840	0	0
ARRAY BIOPHARMA INC	COM	04269X105	6,565	141,711	SH	SOLE	1	141,711	0	0
ARROW ELECTRONICS INC	COM	042735100	12,903	181,047	SH	SOLE	1	181,047	0	0
ARROW FINANCIAL CORP	COM	042744102	274	7,876	SH	SOLE	1	7,876	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	1,860	70,173	SH	SOLE	1	70,173	0	0
ARTESIAN RESOURCES CORP CL A	COM	043113208	189	5,086	SH	SOLE	1	5,086	0	0
ARTHUR J GALLAGHER & CO	COM	363576109	5,513	62,941	SH	SOLE	1	62,941	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	876	31,823	SH	SOLE	1	31,823	0	0
ARVINAS INC	COM	04335A105	246	11,186	SH	SOLE	1	11,186	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	1,223	14,499	SH	SOLE	1	14,499	0	0
ASCENA RETAIL GROUP INC	COM	04351G101	73	119,384	SH	SOLE	1	119,384	0	0
ASGN INC	COM	00191U102	8,169	134,803	SH	SOLE	1	134,803	0	0
ASHFORD HOSPITALITY TRUST	COM	044103109	170	57,247	SH	SOLE	1	57,247	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	9,800	122,549	SH	SOLE	1	122,549	0	0
ASPEN TECHNOLOGY INC	COM	045327103	209	1,685	SH	SOLE	1	1,685	0	0
ASSEMBLY BIOSCIENCES INC	COM	045396108	194	14,383	SH	SOLE	1	14,383	0	0
ASSERTIO THERAPEUTICS INC	COM	04545L107	167	48,340	SH	SOLE	1	48,340	0	0
ASSOCIATED BANC CORP	COM	045487105	6,769	320,198	SH	SOLE	1	320,198	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	46	1,236	SH	SOLE	1	1,236	0	0
ASSURANT INC	COM	04621X108	4,964	46,664	SH	SOLE	1	46,664	0	0
ASTEC INDUSTRIES INC	COM	046224101	546	16,770	SH	SOLE	1	16,770	0	0
ASTRONICS CORP	COM	046433108	620	15,416	SH	SOLE	1	15,416	0	0
ASTRONOVA INC	COM	04638F108	112	4,348	SH	SOLE	1	4,348	0	0
AT HOME GROUP INC	COM	04650Y100	202	30,311	SH	SOLE	1	30,311	0	0
AT&T INC	COM	00206R102	83,735	2,498,811	SH	SOLE	1	2,498,811	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	567	28,209	SH	SOLE	1	28,209	0	0

ATHENEX INC	COM	04685N103	746	37,672	SH	SOLE	1	37,672	0	0
ATHERSYS INC	COM	04744L106	137	81,409	SH	SOLE	1	81,409	0	0
ATKORE INTERNATIONAL GROUP I	COM	047649108	761	29,410	SH	SOLE	1	29,410	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	257	14,993	SH	SOLE	1	14,993	0	0
ATLANTIC POWER CORP	COM	04878Q863	164	67,971	SH	SOLE	1	67,971	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,826	51,688	SH	SOLE	1	51,688	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	791	17,727	SH	SOLE	1	17,727	0	0
ATMOS ENERGY CORP	COM	049560105	4,184	39,637	SH	SOLE	1	39,637	0	0
ATN INTERNATIONAL INC	COM	00215F107	478	8,276	SH	SOLE	1	8,276	0	0
ATRICURE INC	COM	04963C209	704	23,595	SH	SOLE	1	23,595	0	0
ATRION CORPORATION	COM	049904105	776	910	SH	SOLE	1	910	0	0
AUDENTES THERAPEUTICS INC	COM	05070R104	1,056	27,887	SH	SOLE	1	27,887	0	0
AUTODESK INC	COM	052769106	14,985	91,986	SH	SOLE	1	91,986	0	0
AUTOHOME INC ADR	ADR	05278C107	68	796	SH	SOLE	1	796	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	31,622	191,268	SH	SOLE	1	191,268	0	0
AUTONATION INC	COM	05329W102	4,676	111,496	SH	SOLE	1	111,496	0	0
AUTOZONE INC	COM	053332102	9,253	8,416	SH	SOLE	1	8,416	0	0
AVALARA INC	COM	05338G106	75	1,042	SH	SOLE	1	1,042	0	0
AVALON GLOBOCARE CORP	COM	05344R104	36	13,781	SH	SOLE	1	13,781	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	11,241	55,325	SH	SOLE	1	55,325	0	0
AVANGRID INC	COM	05351W103	46	910	SH	SOLE	1	910	0	0
AVANOS MEDICAL INC	COM	05350V106	5,326	122,124	SH	SOLE	1	122,124	0	0
AVAYA HOLDINGS CORP	COM	05351X101	840	70,530	SH	SOLE	1	70,530	0	0
AVEDRO INC	COM	05355N109	63	3,207	SH	SOLE	1	3,207	0	0
AVERY DENNISON CORP	COM	053611109	3,400	29,389	SH	SOLE	1	29,389	0	0
AVID BIOSERVICES INC	COM	05368M106	200	35,639	SH	SOLE	1	35,639	0	0
AVID TECHNOLOGY INC	COM	05367P100	162	17,792	SH	SOLE	1	17,792	0	0
AVIS BUDGET GROUP INC	COM	053774105	5,667	161,170	SH	SOLE	1	161,170	0	0
AVISTA CORP	COM	05379B107	2,195	49,224	SH	SOLE	1	49,224	0	0
AVNET INC	COM	053807103	9,401	207,663	SH	SOLE	1	207,663	0	0
AVON PRODUCTS INC	COM	054303102	196	50,477	SH	SOLE	1	50,477	0	0
AVROBIO INC	COM	05455M100	162	9,972	SH	SOLE	1	9,972	0	0
AVX CORP	COM	002444107	497	29,933	SH	SOLE	1	29,933	0	0
AXA EQUITABLE HOLDINGS INC	COM	054561105	100	4,767	SH	SOLE	1	4,767	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	371	24,649	SH	SOLE	1	24,649	0	0
AXCELLA HEALTH INC	COM	05454B105	10	1,040	SH	SOLE	1	1,040	0	0
AXOGEN INC	COM	05463X106	427	21,567	SH	SOLE	1	21,567	0	0
AXON ENTERPRISE INC	COM	05464C101	9,739	151,660	SH	SOLE	1	151,660	0	0
AXONICS MODULATION TECHNOLOG	COM	05465P101	402	9,822	SH	SOLE	1	9,822	0	0
AXOS FINANCIAL INC	COM	05465C100	1,169	42,908	SH	SOLE	1	42,908	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	399	15,484	SH	SOLE	1	15,484	0	0
AXT INC	COM	00246W103	97	24,489	SH	SOLE	1	24,489	0	0
AZZ INC	COM	002474104	897	19,496	SH	SOLE	1	19,496	0	0
B. RILEY FINANCIAL INC	COM	05580M108	268	12,834	SH	SOLE	1	12,834	0	0
B&G FOODS INC	COM	05508R106	1,011	48,602	SH	SOLE	1	48,602	0	0
BADGER METER INC	COM	056525108	1,284	21,505	SH	SOLE	1	21,505	0	0

BAIDU INC SPON ADR	ADR	056752108	2,445	20,834	SH	SOLE	1	20,834	0	0
BAKER HUGHES A GE CO	COM	05722G100	6,303	255,925	SH	SOLE	1	255,925	0	0
BALCHEM CORP	COM	057665200	2,415	24,159	SH	SOLE	1	24,159	0	0
BALL CORP	COM	058498106	9,316	133,101	SH	SOLE	1	133,101	0	0
BANC OF CALIFORNIA INC	COM	05990K106	471	33,686	SH	SOLE	1	33,686	0	0
BANCFIRST CORP	COM	05945F103	659	11,841	SH	SOLE	1	11,841	0	0
BANCO MACRO SA ADR	ADR	05961W105	41	562	SH	SOLE	1	562	0	0
BANCORP INC/THE	COM	05969A105	1,002	112,372	SH	SOLE	1	112,372	0	0
BANCORPSOUTH BANK	COM	05971J102	6,942	239,066	SH	SOLE	1	239,066	0	0
BANDWIDTH INC CLASS A	COM	05988J103	767	10,222	SH	SOLE	1	10,222	0	0
BANK FIRST CORP	COM	06211J100	253	3,674	SH	SOLE	1	3,674	0	0
BANK OF AMERICA CORP	COM	060505104	85,280	2,940,689	SH	SOLE	1	2,940,689	0	0
BANK OF COMMERCE HOLDINGS	COM	06424J103	118	11,020	SH	SOLE	1	11,020	0	0
BANK OF HAWAII CORP	COM	062540109	6,639	80,072	SH	SOLE	1	80,072	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	349	8,511	SH	SOLE	1	8,511	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	16,266	368,422	SH	SOLE	1	368,422	0	0
BANK OZK	COM	06417N103	7,107	236,191	SH	SOLE	1	236,191	0	0
BANK7 CORP	COM	06652N107	44	2,394	SH	SOLE	1	2,394	0	0
BANKFINANCIAL CORP	COM	06643P104	124	8,864	SH	SOLE	1	8,864	0	0
BANKUNITED INC	COM	06652K103	53	1,572	SH	SOLE	1	1,572	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	121	4,228	SH	SOLE	1	4,228	0	0
BANNER CORPORATION	COM	06652V208	1,382	25,522	SH	SOLE	1	25,522	0	0
BAOZUN INC SPN ADR	ADR	06684L103	20	400	SH	SOLE	1	400	0	0
BAR HARBOR BANKSHARES	COM	066849100	258	9,699	SH	SOLE	1	9,699	0	0
BARNES & NOBLE EDUCATION INC	COM	06777U101	97	28,971	SH	SOLE	1	28,971	0	0
BARNES & NOBLE INC	COM	067774109	294	43,893	SH	SOLE	1	43,893	0	0
BARNES GROUP INC	COM	067806109	2,017	35,809	SH	SOLE	1	35,809	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	377	4,559	SH	SOLE	1	4,559	0	0
BASSETT FURNITURE INDS	COM	070203104	96	6,313	SH	SOLE	1	6,313	0	0
BAXTER INTERNATIONAL INC	COM	071813109	15,216	185,789	SH	SOLE	1	185,789	0	0
BAYCOM CORP	COM	07272M107	144	6,593	SH	SOLE	1	6,593	0	0
BB&T CORP	COM	054937107	16,069	327,067	SH	SOLE	1	327,067	0	0
BBVA ARGENTINA SA ADR	ADR	07329M100	5	475	SH	SOLE	1	475	0	0
BBX CAPITAL CORP	COM	05491N104	204	41,646	SH	SOLE	1	41,646	0	0
BCB BANCORP INC	COM	055298103	123	8,869	SH	SOLE	1	8,869	0	0
BCE INC	COM	05534B950	1,466	32,232	SH	SOLE	1	32,232	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,586	43,192	SH	SOLE	1	43,192	0	0
BEAZER HOMES USA INC	COM	07556Q881	182	18,922	SH	SOLE	1	18,922	0	0
BECTON DICKINSON AND CO	COM	075887109	21,913	86,952	SH	SOLE	1	86,952	0	0
BED BATH & BEYOND INC	COM	075896100	3,905	336,086	SH	SOLE	1	336,086	0	0
BEIGENE LTD ADR	ADR	07725L102	437	3,526	SH	SOLE	1	3,526	0	0
BEL FUSE INC CL B	COM	077347300	127	7,423	SH	SOLE	1	7,423	0	0
BELDEN INC	COM	077454106	6,032	101,264	SH	SOLE	1	101,264	0	0
BENCHMARK	COM	08160H101	726	28,918	SH	SOLE	1	28,918	0	0

ELECTRONICS INC										
BENEFITFOCUS INC	COM	08180D106	512	18,842	SH	SOLE	1	18,842	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	133,822	627,771	SH	SOLE	1	627,771	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	1,086	34,596	SH	SOLE	1	34,596	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	134	2,553	SH	SOLE	1	2,553	0	0
BERRY PETROLEUM CORP	COM	08579X101	427	40,289	SH	SOLE	1	40,289	0	0
BEST BUY CO INC	COM	086516101	7,594	108,904	SH	SOLE	1	108,904	0	0
BEYOND MEAT INC	COM	08862E109	25	156	SH	SOLE	1	156	0	0
BG STAFFING INC	COM	05544A109	119	6,312	SH	SOLE	1	6,312	0	0
BGC PARTNERS INC CL A	COM	05541T101	24	4,639	SH	SOLE	1	4,639	0	0
BIG LOTS INC	COM	089302103	855	29,869	SH	SOLE	1	29,869	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	62	601	SH	SOLE	1	601	0	0
BIO RAD LABORATORIES A	COM	090572207	14,709	47,055	SH	SOLE	1	47,055	0	0
BIO TECHNE CORP	COM	09073M104	15,490	74,297	SH	SOLE	1	74,297	0	0
BIOCRIST PHARMACEUTICALS INC	COM	09058V103	265	70,018	SH	SOLE	1	70,018	0	0
BIODELIVERY SCIENCES INTL	COM	09060J106	242	51,856	SH	SOLE	1	51,856	0	0
BIOGEN INC	COM	09062X103	20,144	86,132	SH	SOLE	1	86,132	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	72	4,244	SH	SOLE	1	4,244	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,308	15,269	SH	SOLE	1	15,269	0	0
BIOSCRIP INC	COM	09069N108	204	78,327	SH	SOLE	1	78,327	0	0
BIOSIG TECHNOLOGIES INC	COM	09073N201	94	9,961	SH	SOLE	1	9,961	0	0
BIOSPECIFICS TECHNOLOGIES	COM	090931106	233	3,900	SH	SOLE	1	3,900	0	0
BIOTELEMETRY INC	COM	090672106	1,201	24,952	SH	SOLE	1	24,952	0	0
BIOTIME INC	COM	09066L105	76	68,766	SH	SOLE	1	68,766	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	42	3,833	SH	SOLE	1	3,833	0	0
BJ S RESTAURANTS INC	COM	09180C106	682	15,520	SH	SOLE	1	15,520	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	1,903	72,098	SH	SOLE	1	72,098	0	0
BLACK HILLS CORP	COM	092113109	11,231	143,668	SH	SOLE	1	143,668	0	0
BLACK KNIGHT INC	COM	09215C105	211	3,512	SH	SOLE	1	3,512	0	0
BLACKBAUD INC	COM	09227Q100	10,552	126,375	SH	SOLE	1	126,375	0	0
BLACKLINE INC	COM	09239B109	1,455	27,200	SH	SOLE	1	27,200	0	0
BLACKROCK INC	COM	09247X101	23,608	50,304	SH	SOLE	1	50,304	0	0
BLACKSTONE MORTGAGE TRU CL A	COM	09257W100	2,856	80,271	SH	SOLE	1	80,271	0	0
BLOOM ENERGY CORP A	COM	093712107	430	35,051	SH	SOLE	1	35,051	0	0
BLOOMIN BRANDS INC	COM	094235108	1,303	68,894	SH	SOLE	1	68,894	0	0
BLUCORA INC	COM	095229100	1,096	36,093	SH	SOLE	1	36,093	0	0
BLUE BIRD CORP	COM	095306106	190	9,627	SH	SOLE	1	9,627	0	0
BLUEBIRD BIO INC	COM	09609G100	113	892	SH	SOLE	1	892	0	0
BLUEGREEN VACATIONS CORP	COM	09629F108	53	4,553	SH	SOLE	1	4,553	0	0
BLUELINX HOLDINGS INC	COM	09624H208	113	5,686	SH	SOLE	1	5,686	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	2,929	31,051	SH	SOLE	1	31,051	0	0
BLUEROCK RESIDENTIAL GROWTH	COM	09627J102	159	13,502	SH	SOLE	1	13,502	0	0

BMC STOCK HOLDINGS INC	COM	05591B109	898	42,357	SH	SOLE	1	42,357	0	0
BOEING CO/THE	COM	097023105	71,501	196,425	SH	SOLE	1	196,425	0	0
BOINGO WIRELESS INC	COM	09739C102	497	27,634	SH	SOLE	1	27,634	0	0
BOISE CASCADE CO	COM	09739D100	819	29,136	SH	SOLE	1	29,136	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	40	524	SH	SOLE	1	524	0	0
BONANZA CREEK ENERGY INC	COM	097793400	296	14,169	SH	SOLE	1	14,169	0	0
BOOKING HOLDINGS INC	COM	09857L108	37,059	19,768	SH	SOLE	1	19,768	0	0
BOOT BARN HOLDINGS INC	COM	099406100	749	21,023	SH	SOLE	1	21,023	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	221	3,333	SH	SOLE	1	3,333	0	0
BORGWARNER INC	COM	099724106	3,004	71,546	SH	SOLE	1	71,546	0	0
BOSTON BEER COMPANY INC A	COM	100557107	8,410	22,263	SH	SOLE	1	22,263	0	0
BOSTON OMAHA CORP CL A	COM	101044105	148	6,379	SH	SOLE	1	6,379	0	0
BOSTON PRIVATE FINL HOLDING	COM	101119105	752	62,284	SH	SOLE	1	62,284	0	0
BOSTON PROPERTIES INC	COM	101121101	6,770	52,484	SH	SOLE	1	52,484	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	19,033	442,831	SH	SOLE	1	442,831	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	1,396	31,556	SH	SOLE	1	31,556	0	0
BOX INC CLASS A	COM	10316T104	1,605	91,125	SH	SOLE	1	91,125	0	0
BOYD GAMING CORP	COM	103304101	5,552	206,071	SH	SOLE	1	206,071	0	0
BRADY CORPORATION CL A	COM	104674106	1,776	36,001	SH	SOLE	1	36,001	0	0
BRAEMAR HOTELS & RESORTS INC	COM	10482B101	189	19,098	SH	SOLE	1	19,098	0	0
BRANDYWINE REALTY TRUST	COM	105368203	40	2,822	SH	SOLE	1	2,822	0	0
BRIDGE BANCORP INC	COM	108035106	305	10,368	SH	SOLE	1	10,368	0	0
BRIDGEBIO PHARMA ORD	COM	10806X102	181,569	6,732,244	SH	SOLE	2	6,732,244	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	171	14,832	SH	SOLE	1	14,832	0	0
BRIDGFORD FOODS CORP	COM	108763103	33	1,101	SH	SOLE	1	1,101	0	0
BRIGGS & STRATTON	COM	109043109	314	30,708	SH	SOLE	1	30,708	0	0
BRIGHAM MINERALS INC CL A	COM	10918L103	220	10,231	SH	SOLE	1	10,231	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	212	1,405	SH	SOLE	1	1,405	0	0
BRIGHTCOVE	COM	10921T101	249	24,104	SH	SOLE	1	24,104	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	8,302	226,268	SH	SOLE	1	226,268	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	371	19,841	SH	SOLE	1	19,841	0	0
BRINK S CO/THE	COM	109696104	10,421	128,371	SH	SOLE	1	128,371	0	0
BRINKER INTERNATIONAL INC	COM	109641100	3,794	96,424	SH	SOLE	1	96,424	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	25,525	562,852	SH	SOLE	1	562,852	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	10,409	582,179	SH	SOLE	1	582,179	0	0
BROADCOM INC	COM	11135F101	47,050	163,449	SH	SOLE	1	163,449	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	5,083	39,808	SH	SOLE	1	39,808	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	846	117,376	SH	SOLE	1	117,376	0	0

BROOKFIELD PROPERTY REIT I A	COM	11282X103	43	2,302	SH	SOLE	1	2,302	0	0
BROOKLINE BANCORP INC	COM	11373M107	907	58,954	SH	SOLE	1	58,954	0	0
BROOKS AUTOMATION INC	COM	114340102	2,067	53,350	SH	SOLE	1	53,350	0	0
BROWN & BROWN INC	COM	115236101	15,327	457,508	SH	SOLE	1	457,508	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	66	1,209	SH	SOLE	1	1,209	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	3,164	57,080	SH	SOLE	1	57,080	0	0
BRT APARTMENTS CORP	COM	055645303	88	6,195	SH	SOLE	1	6,195	0	0
BRUKER CORP	COM	116794108	126	2,531	SH	SOLE	1	2,531	0	0
BRUNSWICK CORP	COM	117043109	7,807	170,118	SH	SOLE	1	170,118	0	0
BRYN MAWR BANK CORP	COM	117665109	472	12,651	SH	SOLE	1	12,651	0	0
BUCKLE INC/THE	COM	118440106	374	21,624	SH	SOLE	1	21,624	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	1,222	72,487	SH	SOLE	1	72,487	0	0
BURLINGTON STORES INC	COM	122017106	272	1,598	SH	SOLE	1	1,598	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	202	7,936	SH	SOLE	1	7,936	0	0
BWX TECHNOLOGIES INC	COM	05605H100	111	2,122	SH	SOLE	1	2,122	0	0
BYLINE BANCORP INC	COM	124411109	283	14,815	SH	SOLE	1	14,815	0	0
C & F FINANCIAL CORP	COM	12466Q104	114	2,089	SH	SOLE	1	2,089	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	15,200	180,201	SH	SOLE	1	180,201	0	0
C&J ENERGY SERVICES INC	COM	12674R100	575	48,838	SH	SOLE	1	48,838	0	0
CABLE ONE INC	COM	12685J105	11,377	9,716	SH	SOLE	1	9,716	0	0
CABOT CORP	COM	127055101	5,449	114,220	SH	SOLE	1	114,220	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	2,394	21,752	SH	SOLE	1	21,752	0	0
CABOT OIL & GAS CORP	COM	127097103	3,861	168,166	SH	SOLE	1	168,166	0	0
CACI INTERNATIONAL INC CL A	COM	127190304	9,941	48,588	SH	SOLE	1	48,588	0	0
CACTUS INC A	COM	127203107	992	29,942	SH	SOLE	1	29,942	0	0
CADENCE BANCORP	COM	12739A100	1,661	79,859	SH	SOLE	1	79,859	0	0
CADENCE DESIGN SYS INC	COM	127387108	8,116	114,621	SH	SOLE	1	114,621	0	0
CADIZ INC	COM	127537207	92	8,141	SH	SOLE	1	8,141	0	0
CAESARS ENTERTAINMENT CORP	COM	127686103	13,513	1,143,216	SH	SOLE	1	1,143,216	0	0
CAI INTERNATIONAL INC	COM	12477X106	267	10,752	SH	SOLE	1	10,752	0	0
CAL MAINE FOODS INC	COM	128030202	980	23,483	SH	SOLE	1	23,483	0	0
CALAMP CORP	COM	128126109	287	24,610	SH	SOLE	1	24,610	0	0
CALAVO GROWERS INC	COM	128246105	1,170	12,091	SH	SOLE	1	12,091	0	0
CALERES INC	COM	129500104	614	30,815	SH	SOLE	1	30,815	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q206	605	30,739	SH	SOLE	1	30,739	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,825	36,053	SH	SOLE	1	36,053	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	85	21,893	SH	SOLE	1	21,893	0	0
CALIX INC	COM	13100M509	191	29,097	SH	SOLE	1	29,097	0	0
CALLAWAY GOLF COMPANY	COM	131193104	1,193	69,509	SH	SOLE	1	69,509	0	0
CALLON PETROLEUM CO	COM	13123X102	3,869	587,104	SH	SOLE	1	587,104	0	0
CALYXT INC	COM	13173L107	74	5,929	SH	SOLE	1	5,929	0	0

CAMBREX CORP	COM	132011107	1,183	25,263	SH	SOLE	1	25,263	0	0
CAMBRIDGE BANCORP	COM	132152109	222	2,728	SH	SOLE	1	2,728	0	0
CAMDEN NATIONAL CORP	COM	133034108	447	9,754	SH	SOLE	1	9,754	0	0
CAMDEN PROPERTY TRUST	COM	133131102	19,713	188,837	SH	SOLE	1	188,837	0	0
CAMPBELL SOUP CO	COM	134429109	3,897	97,247	SH	SOLE	1	97,247	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	260	20,937	SH	SOLE	1	20,937	0	0
CANNAE HOLDINGS INC	COM	13765N107	1,246	42,983	SH	SOLE	1	42,983	0	0
CANTEL MEDICAL CORP	COM	138098108	5,740	71,179	SH	SOLE	1	71,179	0	0
CAPITAL BANCORP INC/MD	COM	139737100	62	5,057	SH	SOLE	1	5,057	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	212	8,542	SH	SOLE	1	8,542	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	14,022	154,526	SH	SOLE	1	154,526	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	1,157	83,989	SH	SOLE	1	83,989	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	141	9,284	SH	SOLE	1	9,284	0	0
CAPSTEAD MORTGAGE CORP	COM	14067E506	531	63,537	SH	SOLE	1	63,537	0	0
CARA THERAPEUTICS INC	COM	140755109	466	21,682	SH	SOLE	1	21,682	0	0
CARBON BLACK INC	COM	14081R103	593	35,478	SH	SOLE	1	35,478	0	0
CARBONITE INC	COM	141337105	548	21,055	SH	SOLE	1	21,055	0	0
CARDINAL HEALTH INC	COM	14149Y108	330,643	7,020,022	SH	SOLE	1	7,020,022	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	1,103	25,682	SH	SOLE	1	25,682	0	0
CARDLYTICS INC	COM	14161W105	225	8,646	SH	SOLE	1	8,646	0	0
CARE.COM INC	COM	141633107	184	16,753	SH	SOLE	1	16,753	0	0
CAREDX INC	COM	14167L103	941	26,148	SH	SOLE	1	26,148	0	0
CAREER EDUCATION CORP	COM	141665109	988	51,829	SH	SOLE	1	51,829	0	0
CARETRUST REIT INC	COM	14174T107	1,703	71,609	SH	SOLE	1	71,609	0	0
CARGURUS INC	COM	141788109	1,704	47,202	SH	SOLE	1	47,202	0	0
CARLISLE COS INC	COM	142339100	15,708	111,871	SH	SOLE	1	111,871	0	0
CARMAX INC	COM	143130102	5,296	60,994	SH	SOLE	1	60,994	0	0
CARNIVAL CORP	COM	143658300	6,133	131,758	SH	SOLE	1	131,758	0	0
CAROLINA FINANCIAL CORP	COM	143873107	467	13,308	SH	SOLE	1	13,308	0	0
CARPENTER TECHNOLOGY	COM	144285103	5,842	121,768	SH	SOLE	1	121,768	0	0
CARRIAGE SERVICES INC	COM	143905107	203	10,674	SH	SOLE	1	10,674	0	0
CARRIZO OIL & GAS INC	COM	144577103	665	66,318	SH	SOLE	1	66,318	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	200	22,200	SH	SOLE	1	22,200	0	0
CARS.COM INC	COM	14575E105	3,183	161,425	SH	SOLE	1	161,425	0	0
CARTER BANK & TRUST	COM	146102108	285	14,401	SH	SOLE	1	14,401	0	0
CARTER S INC	COM	146229109	8,630	88,481	SH	SOLE	1	88,481	0	0
CARVANA CO	COM	146869102	61	968	SH	SOLE	1	968	0	0
CASA SYSTEMS INC	COM	14713L102	129	20,130	SH	SOLE	1	20,130	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	1,123	28,341	SH	SOLE	1	28,341	0	0
CASEY S GENERAL STORES INC	COM	147528103	11,176	71,643	SH	SOLE	1	71,643	0	0
CASI PHARMACEUTICALS INC	COM	14757U109	103	32,064	SH	SOLE	1	32,064	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	434	8,955	SH	SOLE	1	8,955	0	0

CASTLIGHT HEALTH INC B	COM	14862Q100	207	64,011	SH	SOLE	1	64,011	0	0
CATALENT INC	COM	148806102	15,433	284,683	SH	SOLE	1	284,683	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	236	61,337	SH	SOLE	1	61,337	0	0
CATASYS INC	COM	149049504	86	4,490	SH	SOLE	1	4,490	0	0
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	326	31,178	SH	SOLE	1	31,178	0	0
CATERPILLAR INC	COM	149123101	30,411	223,132	SH	SOLE	1	223,132	0	0
CATHAY GENERAL BANCORP	COM	149150104	7,065	196,737	SH	SOLE	1	196,737	0	0
CATO CORP CLASS A	COM	149205106	204	16,537	SH	SOLE	1	16,537	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,016	6,451	SH	SOLE	1	6,451	0	0
CBDMD INC	COM	12482W101	35	6,000	SH	SOLE	1	6,000	0	0
CBIZ INC	COM	124805102	639	32,627	SH	SOLE	1	32,627	0	0
CBL & ASSOCIATES PROPERTIES	COM	124830100	133	127,561	SH	SOLE	1	127,561	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	4,239	40,908	SH	SOLE	1	40,908	0	0
CBRE GROUP INC A	COM	12504L109	5,610	109,355	SH	SOLE	1	109,355	0	0
CBS CORP CLASS B NON VOTING	COM	124857202	6,169	123,635	SH	SOLE	1	123,635	0	0
CBTX INC	COM	12481V104	333	11,828	SH	SOLE	1	11,828	0	0
CDK GLOBAL INC	COM	12508E101	11,799	238,648	SH	SOLE	1	238,648	0	0
CDW CORP/DE	COM	12514G108	393	3,543	SH	SOLE	1	3,543	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	187	19,537	SH	SOLE	1	19,537	0	0
CEDAR REALTY TRUST INC	COM	150602209	170	64,319	SH	SOLE	1	64,319	0	0
CEL SCI CORP	COM	150837607	141	16,758	SH	SOLE	1	16,758	0	0
CELANESE CORP	COM	150870103	4,635	42,995	SH	SOLE	1	42,995	0	0
CELCUITY INC	COM	15102K100	94	3,741	SH	SOLE	1	3,741	0	0
CELGENE CORP	COM	151020104	27,852	301,302	SH	SOLE	1	301,302	0	0
CELLULAR BIOMEDICINE GROUP I	COM	15117P102	127	7,694	SH	SOLE	1	7,694	0	0
CELSIUS HOLDINGS INC	COM	15118V207	71	15,979	SH	SOLE	1	15,979	0	0
CENTENE CORP	COM	15135B101	9,836	187,562	SH	SOLE	1	187,562	0	0
CENTENNIAL RESOURCE DEVELO A	COM	15136A102	22	2,961	SH	SOLE	1	2,961	0	0
CENTERPOINT ENERGY INC	COM	15189T107	5,930	207,118	SH	SOLE	1	207,118	0	0
CENTERSTATE BANK CORP	COM	15201P109	1,844	80,049	SH	SOLE	1	80,049	0	0
CENTRAL GARDEN & PET CO	COM	153527106	211	7,835	SH	SOLE	1	7,835	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	782	31,741	SH	SOLE	1	31,741	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	629	21,006	SH	SOLE	1	21,006	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	159	7,408	SH	SOLE	1	7,408	0	0
CENTRIC BRANDS INC	COM	15644G104	43	10,495	SH	SOLE	1	10,495	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	260	37,598	SH	SOLE	1	37,598	0	0
CENTURY BANCORP INC CL A	COM	156432106	157	1,784	SH	SOLE	1	1,784	0	0
CENTURY CASINOS INC	COM	156492100	168	17,330	SH	SOLE	1	17,330	0	0
CENTURY COMMUNITIES INC	COM	156504300	527	19,814	SH	SOLE	1	19,814	0	0
CENTURYLINK INC	COM	156700106	4,852	412,601	SH	SOLE	1	412,601	0	0
CERECOR INC	COM	15671L109	74	13,642	SH	SOLE	1	13,642	0	0
CERIDIAN HCM	COM	15677J108	71	1,420	SH	SOLE	1	1,420	0	0

HOLDING INC										
CERNER CORP	COM	156782104	10,674	145,619	SH	SOLE	1	145,619	0	0
CERUS CORP	COM	157085101	487	86,612	SH	SOLE	1	86,612	0	0
CEVA INC	COM	157210105	397	16,312	SH	SOLE	1	16,312	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	3,654	78,223	SH	SOLE	1	78,223	0	0
CHANNELADVISOR CORP	COM	159179100	149	16,976	SH	SOLE	1	16,976	0	0
CHAPARRAL ENERGY INC CLASS A	COM	15942R208	93	19,754	SH	SOLE	1	19,754	0	0
CHARAH SOLUTIONS INC	COM	15957P105	33	6,044	SH	SOLE	1	6,044	0	0
CHARLES RIVER LABORATORIES	COM	159864107	13,572	95,642	SH	SOLE	1	95,642	0	0
CHART INDUSTRIES INC	COM	16115Q308	2,047	26,625	SH	SOLE	1	26,625	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	27,432	69,417	SH	SOLE	1	69,417	0	0
CHASE CORP	COM	16150R104	501	4,654	SH	SOLE	1	4,654	0	0
CHATHAM LODGING TRUST	COM	16208T102	651	34,488	SH	SOLE	1	34,488	0	0
CHECKPOINT THERAPEUTICS INC	COM	162828107	45	14,658	SH	SOLE	1	14,658	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	4,695	107,383	SH	SOLE	1	107,383	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	630	17,977	SH	SOLE	1	17,977	0	0
CHEGG INC	COM	163092109	2,847	73,788	SH	SOLE	1	73,788	0	0
CHEMED CORP	COM	16359R103	11,282	31,265	SH	SOLE	1	31,265	0	0
CHEMICAL FINANCIAL CORP	COM	163731102	7,571	184,176	SH	SOLE	1	184,176	0	0
CHEMOCENTRYX INC	COM	16383L106	241	25,907	SH	SOLE	1	25,907	0	0
CHEMOURS CO/THE	COM	163851108	7,688	320,339	SH	SOLE	1	320,339	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	109	2,258	SH	SOLE	1	2,258	0	0
CHENIERE ENERGY INC	COM	16411R208	334	4,878	SH	SOLE	1	4,878	0	0
CHERRY HILL MORTGAGE INVESTM	COM	164651101	160	9,973	SH	SOLE	1	9,973	0	0
CHESAPEAKE ENERGY CORP	COM	165167107	3,992	2,046,954	SH	SOLE	1	2,046,954	0	0
CHESAPEAKE LODGING TRUST	COM	165240102	1,276	44,890	SH	SOLE	1	44,890	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	965	10,161	SH	SOLE	1	10,161	0	0
CHEVRON CORP	COM	166764100	471,522	3,789,153	SH	SOLE	1	3,789,153	0	0
CHIASMA INC	COM	16706W102	124	16,559	SH	SOLE	1	16,559	0	0
CHICO S FAS INC	COM	168615102	295	87,663	SH	SOLE	1	87,663	0	0
CHILDREN S PLACE INC/THE	COM	168905107	1,104	11,575	SH	SOLE	1	11,575	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	57	3,017	SH	SOLE	1	3,017	0	0
CHIMERIX INC	COM	16934W106	132	30,482	SH	SOLE	1	30,482	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	6,859	9,359	SH	SOLE	1	9,359	0	0
CHOICE HOTELS INTL INC	COM	169905106	58	663	SH	SOLE	1	663	0	0
CHROMADIX CORP	COM	171077407	113	24,308	SH	SOLE	1	24,308	0	0
CHURCH & DWIGHT CO INC	COM	171340102	6,168	84,423	SH	SOLE	1	84,423	0	0
CHURCHILL DOWNS INC	COM	171484108	10,459	90,896	SH	SOLE	1	90,896	0	0
CHUY S HOLDINGS INC	COM	171604101	289	12,609	SH	SOLE	1	12,609	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	43	2,591	SH	SOLE	1	2,591	0	0
CIENA CORP	COM	171779309	11,509	279,818	SH	SOLE	1	279,818	0	0

CIGNA CORP	COM	125523100	19,310	122,566	SH	SOLE	1	122,566	0	0
CIM COMMERCIAL TRUST CORP	COM	125525105	53	2,564	SH	SOLE	1	2,564	0	0
CIMAREX ENERGY CO	COM	171798101	2,041	34,395	SH	SOLE	1	34,395	0	0
CINCINNATI BELL INC	COM	171871502	185	37,276	SH	SOLE	1	37,276	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	5,351	51,615	SH	SOLE	1	51,615	0	0
CINEMARK HOLDINGS INC	COM	17243V102	8,190	226,857	SH	SOLE	1	226,857	0	0
CINTAS CORP	COM	172908105	8,723	36,759	SH	SOLE	1	36,759	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	675	14,681	SH	SOLE	1	14,681	0	0
CIRRUS LOGIC INC	COM	172755100	6,568	150,297	SH	SOLE	1	150,297	0	0
CISCO SYSTEMS INC	COM	17275R102	541,417	9,892,511	SH	SOLE	1	9,892,511	0	0
CIT GROUP INC	COM	125581801	85	1,625	SH	SOLE	1	1,625	0	0
CITI TRENDS INC	COM	17306X102	105	7,216	SH	SOLE	1	7,216	0	0
CITIGROUP INC	COM	172967424	53,289	760,944	SH	SOLE	1	760,944	0	0
CITIZENS & NORTHERN CORP	COM	172922106	201	7,627	SH	SOLE	1	7,627	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	7,625	215,633	SH	SOLE	1	215,633	0	0
CITIZENS INC	COM	174740100	230	31,457	SH	SOLE	1	31,457	0	0
CITRIX SYSTEMS INC	COM	177376100	5,257	53,569	SH	SOLE	1	53,569	0	0
CITY HOLDING CO	COM	177835105	923	12,105	SH	SOLE	1	12,105	0	0
CITY OFFICE REIT INC	COM	178587101	296	24,651	SH	SOLE	1	24,651	0	0
CIVISTA BANCSHARES INC	COM	178867107	219	9,754	SH	SOLE	1	9,754	0	0
CLARUS CORP	COM	18270P109	215	14,901	SH	SOLE	1	14,901	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	228	85,425	SH	SOLE	1	85,425	0	0
CLEAN HARBORS INC	COM	184496107	7,064	99,346	SH	SOLE	1	99,346	0	0
CLEAR CHANNEL OUTDOOR HOLDIN	COM	18453H106	115	24,379	SH	SOLE	1	24,379	0	0
CLEARFIELD INC	COM	18482P103	94	7,121	SH	SOLE	1	7,121	0	0
CLEARWATER PAPER CORP	COM	18538R103	223	12,047	SH	SOLE	1	12,047	0	0
CLEARWAY ENERGY INC A	COM	18539C105	359	22,166	SH	SOLE	1	22,166	0	0
CLEARWAY ENERGY INC C	COM	18539C204	791	46,898	SH	SOLE	1	46,898	0	0
CLEVELAND CLIFFS INC	COM	185899101	1,910	179,036	SH	SOLE	1	179,036	0	0
CLIPPER REALTY INC	COM	18885T306	102	9,163	SH	SOLE	1	9,163	0	0
CLOROX COMPANY	COM	189054109	19,365	126,478	SH	SOLE	1	126,478	0	0
CLOUDERA INC	COM	18914U100	790	150,121	SH	SOLE	1	150,121	0	0
CLOVIS ONCOLOGY INC	COM	189464100	462	31,046	SH	SOLE	1	31,046	0	0
CME GROUP INC	COM	12572Q105	28,152	145,033	SH	SOLE	1	145,033	0	0
CMS ENERGY CORP	COM	125896100	7,338	126,709	SH	SOLE	1	126,709	0	0
CNA FINANCIAL CORP	COM	126117100	22	457	SH	SOLE	1	457	0	0
CNB FINANCIAL CORP/PA	COM	126128107	261	9,231	SH	SOLE	1	9,231	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	6,870	411,853	SH	SOLE	1	411,853	0	0
CNX RESOURCES CORP	COM	12653C108	3,673	502,291	SH	SOLE	1	502,291	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	76	4,934	SH	SOLE	1	4,934	0	0
COCA COLA CO/THE	COM	191216100	447,297	8,784,306	SH	SOLE	1	8,784,306	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	1,052	3,516	SH	SOLE	1	3,516	0	0
CODA OCTOPUS GROUP INC	COM	19188U206	38	2,945	SH	SOLE	1	2,945	0	0
CODEXIS INC	COM	192005106	620	33,616	SH	SOLE	1	33,616	0	0
CODORUS VALLEY	COM	192025104	134	5,829	SH	SOLE	1	5,829	0	0

BANCORP INC											
COEUR MINING INC	COM	192108504	561	129,171	SH	SOLE	1	129,171	0	0	
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,868	31,463	SH	SOLE	1	31,463	0	0	
COGNEX CORP	COM	192422103	16,123	336,035	SH	SOLE	1	336,035	0	0	
COGNIZANT TECH SOLUTIONS A	COM	192446102	14,071	221,974	SH	SOLE	1	221,974	0	0	
COHEN & STEERS INC	COM	19247A100	745	14,485	SH	SOLE	1	14,485	0	0	
COHERENT INC	COM	192479103	6,445	47,261	SH	SOLE	1	47,261	0	0	
COHERUS BIOSCIENCES INC	COM	19249H103	870	39,357	SH	SOLE	1	39,357	0	0	
COHU INC	COM	192576106	467	30,271	SH	SOLE	1	30,271	0	0	
COLFAX CORP	COM	194014106	5,214	186,002	SH	SOLE	1	186,002	0	0	
COLGATE PALMOLIVE CO	COM	194162103	24,396	340,399	SH	SOLE	1	340,399	0	0	
COLLECTORS UNIVERSE	COM	19421R200	109	5,093	SH	SOLE	1	5,093	0	0	
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	269	20,436	SH	SOLE	1	20,436	0	0	
COLONY BANKCORP	COM	19623P101	80	4,723	SH	SOLE	1	4,723	0	0	
COLONY CAPITAL INC	COM	19626G108	40	7,957	SH	SOLE	1	7,957	0	0	
COLONY CREDIT REAL ESTATE IN	COM	19625T101	797	51,447	SH	SOLE	1	51,447	0	0	
COLUMBIA BANKING SYSTEM INC	COM	197236102	1,994	55,125	SH	SOLE	1	55,125	0	0	
COLUMBIA FINANCIAL INC	COM	197641103	508	33,649	SH	SOLE	1	33,649	0	0	
COLUMBIA PROPERTY TRUST INC	COM	198287203	39	1,885	SH	SOLE	1	1,885	0	0	
COLUMBIA SPORTSWEAR CO	COM	198516106	65	645	SH	SOLE	1	645	0	0	
COLUMBUS MCKINNON CORP/NY	COM	199333105	608	14,488	SH	SOLE	1	14,488	0	0	
COMCAST CORP CLASS A	COM	20030N101	83,615	1,977,656	SH	SOLE	1	1,977,656	0	0	
COMERICA INC	COM	200340107	5,240	72,131	SH	SOLE	1	72,131	0	0	
COMFORT SYSTEMS USA INC	COM	199908104	1,394	27,334	SH	SOLE	1	27,334	0	0	
COMMERCE BANCSHARES INC	COM	200525103	11,465	192,178	SH	SOLE	1	192,178	0	0	
COMMERCIAL METALS CO	COM	201723103	5,417	303,471	SH	SOLE	1	303,471	0	0	
COMMERCIAL VEHICLE GROUP INC	COM	202608105	155	19,312	SH	SOLE	1	19,312	0	0	
COMMSCOPE HOLDING CO INC	COM	20337X109	49	3,093	SH	SOLE	1	3,093	0	0	
COMMUNITY BANK SYSTEM INC	COM	203607106	2,515	38,205	SH	SOLE	1	38,205	0	0	
COMMUNITY BANKERS TRUST CORP	COM	203612106	116	13,739	SH	SOLE	1	13,739	0	0	
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	105	3,112	SH	SOLE	1	3,112	0	0	
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	182	68,230	SH	SOLE	1	68,230	0	0	
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	530	13,447	SH	SOLE	1	13,447	0	0	
COMMUNITY TRUST BANCORP INC	COM	204149108	416	9,836	SH	SOLE	1	9,836	0	0	
COMMVAULT SYSTEMS INC	COM	204166102	4,769	96,102	SH	SOLE	1	96,102	0	0	
COMPASS MINERALS INTERNATION	COM	20451N101	4,800	87,346	SH	SOLE	1	87,346	0	0	
COMPUTER PROGRAMS & SYSTEMS	COM	205306103	263	9,467	SH	SOLE	1	9,467	0	0	
COMPX	COM	20563P101	18	1,049	SH	SOLE	1	1,049	0	0	

INTERNATIONAL INC										
COMSCORE INC	COM	20564W105	161	31,134	SH	SOLE	1	31,134	0	0
COMSTOCK RESOURCES INC	COM	205768302	53	9,578	SH	SOLE	1	9,578	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	497	17,685	SH	SOLE	1	17,685	0	0
CONAGRA BRANDS INC	COM	205887102	4,448	167,716	SH	SOLE	1	167,716	0	0
CONCERT PHARMACEUTICALS INC	COM	206022105	164	13,697	SH	SOLE	1	13,697	0	0
CONCHO RESOURCES INC	COM	20605P101	8,203	79,497	SH	SOLE	1	79,497	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	36	7,064	SH	SOLE	1	7,064	0	0
CONDUENT INC	COM	206787103	1,057	110,054	SH	SOLE	1	110,054	0	0
CONFORMIS INC	COM	20717E101	177	40,616	SH	SOLE	1	40,616	0	0
CONMED CORP	COM	207410101	1,736	20,283	SH	SOLE	1	20,283	0	0
CONN S INC	COM	208242107	275	15,460	SH	SOLE	1	15,460	0	0
CONNECTICUT WATER SVC INC	COM	207797101	537	7,701	SH	SOLE	1	7,701	0	0
CONNECTONE BANCORP INC	COM	20786W107	477	21,063	SH	SOLE	1	21,063	0	0
CONOCOPHILLIPS	COM	20825C104	25,603	419,719	SH	SOLE	1	419,719	0	0
CONS TOMOKA LAND CO FLORIDA	COM	210226106	189	3,173	SH	SOLE	1	3,173	0	0
CONSOL ENERGY INC	COM	20854L108	549	20,633	SH	SOLE	1	20,633	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	261	53,024	SH	SOLE	1	53,024	0	0
CONSOLIDATED EDISON INC	COM	209115104	15,826	180,499	SH	SOLE	1	180,499	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	10,486	53,245	SH	SOLE	1	53,245	0	0
CONSTELLATION PHARMACEUTICAL	COM	210373106	121	9,828	SH	SOLE	1	9,828	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	115	7,641	SH	SOLE	1	7,641	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	74	10,115	SH	SOLE	1	10,115	0	0
CONTINENTAL BUILDING PRODUCT	COM	211171103	588	22,130	SH	SOLE	1	22,130	0	0
CONTINENTAL RESOURCES INC/OK	COM	212015101	59	1,408	SH	SOLE	1	1,408	0	0
CONTROL4 CORP	COM	21240D107	473	19,924	SH	SOLE	1	19,924	0	0
CONTURA ENERGY INC	COM	21241B100	627	12,079	SH	SOLE	1	12,079	0	0
COOPER COS INC/THE	COM	216648402	6,048	17,952	SH	SOLE	1	17,952	0	0
COOPER STANDARD HOLDING	COM	21676P103	592	12,911	SH	SOLE	1	12,911	0	0
COOPER TIRE & RUBBER	COM	216831107	1,189	37,686	SH	SOLE	1	37,686	0	0
COPART INC	COM	217204106	5,211	69,719	SH	SOLE	1	69,719	0	0
CORBUS PHARMACEUTICALS HOLDI	COM	21833P103	262	37,744	SH	SOLE	1	37,744	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	818	73,407	SH	SOLE	1	73,407	0	0
CORE MARK HOLDING CO INC	COM	218681104	1,352	34,032	SH	SOLE	1	34,032	0	0
CORECIVIC INC	COM	21871N101	6,362	306,474	SH	SOLE	1	306,474	0	0
CORELOGIC INC	COM	21871D103	6,596	157,677	SH	SOLE	1	157,677	0	0
COREENERGY INFRASTRUCTURE TRU	COM	21870U502	325	8,183	SH	SOLE	1	8,183	0	0
COREPOINT LODGING INC	COM	21872L104	325	26,242	SH	SOLE	1	26,242	0	0
CORESITE REALTY CORP	COM	21870Q105	8,329	72,322	SH	SOLE	1	72,322	0	0

CORINDUS VASCULAR ROBOTICS I	COM	218730109	175	58,388	SH	SOLE	1	58,388	0	0
CORMEDIX INC	COM	21900C308	135	14,985	SH	SOLE	1	14,985	0	0
CORNERSTONE BUILDING BRANDS	COM	21925D109	170	29,240	SH	SOLE	1	29,240	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	2,063	35,614	SH	SOLE	1	35,614	0	0
CORNING INC	COM	219350105	9,420	283,471	SH	SOLE	1	283,471	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	5,766	218,661	SH	SOLE	1	218,661	0	0
CORTEVA INC	COM	22052L104	7,646	258,575	SH	SOLE	1	258,575	0	0
CORTEXYME INC	COM	22053A107	78	1,837	SH	SOLE	1	1,837	0	0
CORVEL CORP	COM	221006109	589	6,766	SH	SOLE	1	6,766	0	0
COSTAR GROUP INC	COM	22160N109	488	880	SH	SOLE	1	880	0	0
COSTCO WHOLESALE CORP	COM	22160K105	45,317	171,486	SH	SOLE	1	171,486	0	0
COTY INC CL A	COM	222070203	1,656	123,567	SH	SOLE	1	123,567	0	0
COUPA SOFTWARE INC	COM	22266L106	189	1,495	SH	SOLE	1	1,495	0	0
COUSINS PROPERTIES INC	COM	222795502	10,269	283,918	SH	SOLE	1	283,918	0	0
COVANTA HOLDING CORP	COM	22282E102	1,344	75,043	SH	SOLE	1	75,043	0	0
COVENANT TRANSPORT GRP CL A	COM	22284P105	118	8,019	SH	SOLE	1	8,019	0	0
COVETRUS INC	COM	22304C100	4,591	187,695	SH	SOLE	1	187,695	0	0
COVIA HOLDINGS CORP	COM	22305A103	52	26,451	SH	SOLE	1	26,451	0	0
COWEN INC A	COM	223622606	315	18,299	SH	SOLE	1	18,299	0	0
CRA INTERNATIONAL INC	COM	12618T105	191	4,979	SH	SOLE	1	4,979	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	10,045	58,833	SH	SOLE	1	58,833	0	0
CRAFT BREW ALLIANCE INC	COM	224122101	103	7,376	SH	SOLE	1	7,376	0	0
CRANE CO	COM	224399105	8,298	99,444	SH	SOLE	1	99,444	0	0
CRAWFORD & COMPANY CL A	COM	224633206	111	10,518	SH	SOLE	1	10,518	0	0
CRAY INC	COM	225223304	1,067	30,653	SH	SOLE	1	30,653	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	119	246	SH	SOLE	1	246	0	0
CREE INC	COM	225447101	11,556	205,695	SH	SOLE	1	205,695	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	176	7,022	SH	SOLE	1	7,022	0	0
CROCS INC	COM	227046109	952	48,182	SH	SOLE	1	48,182	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	252	26,916	SH	SOLE	1	26,916	0	0
CROWN CASTLE INTL CORP	COM	22822V101	20,453	156,909	SH	SOLE	1	156,909	0	0
CROWN HOLDINGS INC	COM	228368106	167	2,728	SH	SOLE	1	2,728	0	0
CRYOLIFE INC	COM	228903100	811	27,095	SH	SOLE	1	27,095	0	0
CRYOPORT INC	COM	229050307	315	17,210	SH	SOLE	1	17,210	0	0
CSG SYSTEMS INTL INC	COM	126349109	1,206	24,701	SH	SOLE	1	24,701	0	0
CSW INDUSTRIALS INC	COM	126402106	644	9,454	SH	SOLE	1	9,454	0	0
CSX CORP	COM	126408103	25,633	331,300	SH	SOLE	1	331,300	0	0
CTRIP.COM INTERNATIONAL ADR	ADR	22943F100	1,304	35,338	SH	SOLE	1	35,338	0	0
CTS CORP	COM	126501105	673	24,407	SH	SOLE	1	24,407	0	0
CUBESMART	COM	229663109	102	3,047	SH	SOLE	1	3,047	0	0
CUBIC CORP	COM	229669106	1,493	23,148	SH	SOLE	1	23,148	0	0
CUE BIOPHARMA INC	COM	22978P106	103	11,472	SH	SOLE	1	11,472	0	0
CULLEN/FROST BANKERS INC	COM	229899109	11,535	123,162	SH	SOLE	1	123,162	0	0
CULP INC	COM	230215105	133	7,011	SH	SOLE	1	7,011	0	0

CUMMINS INC	COM	231021106	12,595	73,509	SH	SOLE	1	73,509	0	0
CUMULUS MEDIA INC CL A	COM	231082801	167	9,023	SH	SOLE	1	9,023	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	122	11,063	SH	SOLE	1	11,063	0	0
CURTISS WRIGHT CORP	COM	231561101	10,623	83,564	SH	SOLE	1	83,564	0	0
CUSTOMERS BANCORP INC	COM	23204G100	447	21,295	SH	SOLE	1	21,295	0	0
CUTERA INC	COM	232109108	216	10,391	SH	SOLE	1	10,391	0	0
CVB FINANCIAL CORP	COM	126600105	2,031	96,558	SH	SOLE	1	96,558	0	0
CVR ENERGY INC	COM	12662P108	941	18,815	SH	SOLE	1	18,815	0	0
CVS HEALTH CORP	COM	126650100	45,971	843,656	SH	SOLE	1	843,656	0	0
CYCLERION THERAPEUTICS INC	COM	23255M105	172	15,015	SH	SOLE	1	15,015	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	314	43,799	SH	SOLE	1	43,799	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	15,900	714,931	SH	SOLE	1	714,931	0	0
CYRUSONE INC	COM	23283R100	12,762	221,094	SH	SOLE	1	221,094	0	0
CYTOKINETICS INC	COM	23282W605	466	41,395	SH	SOLE	1	41,395	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	321	28,631	SH	SOLE	1	28,631	0	0
CYTOSORBENTS CORP	COM	23283X206	129	19,468	SH	SOLE	1	19,468	0	0
DAILY JOURNAL CORP	COM	233912104	172	721	SH	SOLE	1	721	0	0
DAKTRONICS INC	COM	234264109	172	27,829	SH	SOLE	1	27,829	0	0
DANA INC	COM	235825205	7,392	370,712	SH	SOLE	1	370,712	0	0
DANAHER CORP	COM	235851102	34,052	238,259	SH	SOLE	1	238,259	0	0
DARDEN RESTAURANTS INC	COM	237194105	5,819	47,799	SH	SOLE	1	47,799	0	0
DARLING INGREDIENTS INC	COM	237266101	2,451	123,206	SH	SOLE	1	123,206	0	0
DASAN ZHONE SOLUTIONS INC	COM	23305L206	50	3,886	SH	SOLE	1	3,886	0	0
DASEKE INC	COM	23753F107	105	29,074	SH	SOLE	1	29,074	0	0
DAVE & BUSTER S ENTERTAINMEN	COM	238337109	1,105	27,314	SH	SOLE	1	27,314	0	0
DAVITA INC	COM	23918K108	2,381	42,330	SH	SOLE	1	42,330	0	0
DEAN FOODS CO	COM	242370203	58	62,422	SH	SOLE	1	62,422	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	212	9,392	SH	SOLE	1	9,392	0	0
DECKERS OUTDOOR CORP	COM	243537107	13,210	75,070	SH	SOLE	1	75,070	0	0
DEERE & CO	COM	244199105	19,893	120,049	SH	SOLE	1	120,049	0	0
DEL FRISCO S RESTAURANT GROU	COM	245077102	168	21,147	SH	SOLE	1	21,147	0	0
DEL TACO RESTAURANTS INC	COM	245496104	235	18,353	SH	SOLE	1	18,353	0	0
DELEK US HOLDINGS INC	COM	24665A103	1,974	48,723	SH	SOLE	1	48,723	0	0
DELTA AIR LINES INC	COM	247361702	16,743	295,039	SH	SOLE	1	295,039	0	0
DELTA APPAREL INC	COM	247368103	91	3,929	SH	SOLE	1	3,929	0	0
DELUXE CORP	COM	248019101	4,569	112,366	SH	SOLE	1	112,366	0	0
DENALI THERAPEUTICS INC	COM	24823R105	633	30,488	SH	SOLE	1	30,488	0	0
DENBURY RESOURCES INC	COM	247916208	428	344,931	SH	SOLE	1	344,931	0	0
DENNY S CORP	COM	24869P104	767	37,375	SH	SOLE	1	37,375	0	0
DENTSPLY SIRONA INC	COM	24906P109	5,113	87,614	SH	SOLE	1	87,614	0	0
DERMIRA INC	COM	24983L104	283	29,649	SH	SOLE	1	29,649	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	918	47,896	SH	SOLE	1	47,896	0	0
DEVON ENERGY CORP	COM	25179M103	5,041	176,744	SH	SOLE	1	176,744	0	0

DEXCOM INC	COM	252131107	332	2,214	SH	SOLE	1	2,214	0	0
DHI GROUP INC	COM	23331S100	116	32,518	SH	SOLE	1	32,518	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	292	2,063	SH	SOLE	1	2,063	0	0
DIAMOND OFFSHORE DRILLING	COM	25271C102	431	48,640	SH	SOLE	1	48,640	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	6,919	63,497	SH	SOLE	1	63,497	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,562	151,024	SH	SOLE	1	151,024	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	519	32,921	SH	SOLE	1	32,921	0	0
DICK S SPORTING GOODS INC	COM	253393102	4,570	131,957	SH	SOLE	1	131,957	0	0
DIEBOLD NIXDORF INC	COM	253651103	527	57,557	SH	SOLE	1	57,557	0	0
DIGI INTERNATIONAL INC	COM	253798102	264	20,848	SH	SOLE	1	20,848	0	0
DIGIMARC CORP	COM	25381B101	323	7,270	SH	SOLE	1	7,270	0	0
DIGITAL REALTY TRUST INC	COM	253868103	9,033	76,686	SH	SOLE	1	76,686	0	0
DIGITAL TURBINE INC	COM	25400W102	247	49,202	SH	SOLE	1	49,202	0	0
DILLARDS INC CL A	COM	254067101	2,571	41,288	SH	SOLE	1	41,288	0	0
DIME COMMUNITY BANCSHARES	COM	253922108	449	23,653	SH	SOLE	1	23,653	0	0
DINE BRANDS GLOBAL INC	COM	254423106	1,203	12,605	SH	SOLE	1	12,605	0	0
DIODES INC	COM	254543101	1,115	30,665	SH	SOLE	1	30,665	0	0
DIPLOMAT PHARMACY INC	COM	25456K101	262	43,080	SH	SOLE	1	43,080	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	9,807	126,401	SH	SOLE	1	126,401	0	0
DISCOVERY INC A	COM	25470F104	3,024	98,508	SH	SOLE	1	98,508	0	0
DISCOVERY INC C	COM	25470F302	3,536	124,304	SH	SOLE	1	124,304	0	0
DISH NETWORK CORP A	COM	25470M109	3,404	88,614	SH	SOLE	1	88,614	0	0
DMC GLOBAL INC	COM	23291C103	685	10,806	SH	SOLE	1	10,806	0	0
DNB FINANCIAL CORP	COM	233237106	98	2,209	SH	SOLE	1	2,209	0	0
DOCUSIGN INC	COM	256163106	186	3,734	SH	SOLE	1	3,734	0	0
DOLBY LABORATORIES INC CL A	COM	25659T107	70	1,086	SH	SOLE	1	1,086	0	0
DOLLAR GENERAL CORP	COM	256677105	11,959	88,478	SH	SOLE	1	88,478	0	0
DOLLAR TREE INC	COM	256746108	12,112	112,783	SH	SOLE	1	112,783	0	0
DOMINION ENERGY INC	COM	25746U109	20,105	260,020	SH	SOLE	1	260,020	0	0
DOMINO S PIZZA INC	COM	25754A201	22,442	80,644	SH	SOLE	1	80,644	0	0
DOMO INC CLASS B	COM	257554105	300	10,985	SH	SOLE	1	10,985	0	0
DOMTAR CORP	COM	257559203	5,490	123,279	SH	SOLE	1	123,279	0	0
DONALDSON CO INC	COM	257651109	12,726	250,214	SH	SOLE	1	250,214	0	0
DONEGAL GROUP INC CL A	COM	257701201	100	6,566	SH	SOLE	1	6,566	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	316	23,720	SH	SOLE	1	23,720	0	0
DORMAN PRODUCTS INC	COM	258278100	1,781	20,441	SH	SOLE	1	20,441	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	567	14,247	SH	SOLE	1	14,247	0	0
DOUGLAS EMMETT INC	COM	25960P109	12,592	316,053	SH	SOLE	1	316,053	0	0
DOVA PHARMACEUTICALS INC	COM	25985T102	73	5,192	SH	SOLE	1	5,192	0	0
DOVER CORP	COM	260003108	5,080	50,694	SH	SOLE	1	50,694	0	0
DOW INC	COM	260557103	338,965	6,874,154	SH	SOLE	1	6,874,154	0	0
DR HORTON INC	COM	23331A109	5,057	117,261	SH	SOLE	1	117,261	0	0

DR. REDDY S LABORATORIES ADR	ADR	256135203	23	618	SH	SOLE	1	618	0	0
DRIL QUIP INC	COM	262037104	1,303	27,140	SH	SOLE	1	27,140	0	0
DRIVE SHACK INC	COM	262077100	180	38,429	SH	SOLE	1	38,429	0	0
DROPBOX INC CLASS A	COM	26210C104	130	5,171	SH	SOLE	1	5,171	0	0
DSP GROUP INC	COM	23332B106	231	16,102	SH	SOLE	1	16,102	0	0
DTE ENERGY COMPANY	COM	233331107	8,088	63,250	SH	SOLE	1	63,250	0	0
DUCOMMUN INC	COM	264147109	308	6,825	SH	SOLE	1	6,825	0	0
DUKE ENERGY CORP	COM	26441C204	21,140	239,572	SH	SOLE	1	239,572	0	0
DUKE REALTY CORP	COM	264411505	3,842	121,540	SH	SOLE	1	121,540	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	93	6,828	SH	SOLE	1	6,828	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	12,913	162,103	SH	SOLE	1	162,103	0	0
DUPONT DE NEMOURS INC	COM	26614N102	18,497	246,400	SH	SOLE	1	246,400	0	0
DXC TECHNOLOGY CO	COM	23355L106	8,392	152,162	SH	SOLE	1	152,162	0	0
DXP ENTERPRISES INC	COM	233377407	461	12,164	SH	SOLE	1	12,164	0	0
DYCOM INDUSTRIES INC	COM	267475101	4,729	80,335	SH	SOLE	1	80,335	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	164	41,204	SH	SOLE	1	41,204	0	0
DYNEX CAPITAL INC	COM	26817Q886	255	15,242	SH	SOLE	1	15,242	0	0
E TRADE FINANCIAL CORP	COM	269246401	4,276	95,864	SH	SOLE	1	95,864	0	0
EAGLE BANCORP INC	COM	268948106	1,355	25,030	SH	SOLE	1	25,030	0	0
EAGLE MATERIALS INC	COM	26969P108	8,021	86,531	SH	SOLE	1	86,531	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	394	7,074	SH	SOLE	1	7,074	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	76	12,400	SH	SOLE	1	12,400	0	0
EAST WEST BANCORP INC	COM	27579R104	15,919	340,369	SH	SOLE	1	340,369	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	926	51,152	SH	SOLE	1	51,152	0	0
EASTERN CO/THE	COM	276317104	96	3,437	SH	SOLE	1	3,437	0	0
EASTGROUP PROPERTIES INC	COM	277276101	10,937	94,304	SH	SOLE	1	94,304	0	0
EASTMAN CHEMICAL CO	COM	277432100	4,179	53,695	SH	SOLE	1	53,695	0	0
EATON VANCE CORP	COM	278265103	9,610	222,825	SH	SOLE	1	222,825	0	0
EBAY INC	COM	278642103	16,285	412,281	SH	SOLE	1	412,281	0	0
EBIX INC	COM	278715206	869	17,296	SH	SOLE	1	17,296	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	430	20,606	SH	SOLE	1	20,606	0	0
ECHOSTAR CORP A	COM	278768106	34	768	SH	SOLE	1	768	0	0
ECOLAB INC	COM	278865100	19,209	97,292	SH	SOLE	1	97,292	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	3,753	139,257	SH	SOLE	1	139,257	0	0
EDISON INTERNATIONAL	COM	281020107	7,575	112,378	SH	SOLE	1	112,378	0	0
EDITAS MEDICINE INC	COM	28106W103	781	31,556	SH	SOLE	1	31,556	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	13,639	73,826	SH	SOLE	1	73,826	0	0
EGAIN CORP	COM	28225C806	105	12,958	SH	SOLE	1	12,958	0	0
EHEALTH INC	COM	28238P109	1,410	16,377	SH	SOLE	1	16,377	0	0
EIDOS THERAPEUTICS I	COM	28249H104	6,216	200,000	SH	SOLE	2	200,000	0	0
EIDOS THERAPEUTICS INC	COM	28249H104	219	7,037	SH	SOLE	1	7,037	0	0
EIGER BIOPHARMACEUTICALS	COM	28249U105	158	14,905	SH	SOLE	1	14,905	0	0

INC											
EL PASO ELECTRIC CO	COM	283677854	1,991	30,443	SH	SOLE	1	30,443	0	0	
EL POLLO LOCO HOLDINGS INC	COM	268603107	173	16,200	SH	SOLE	1	16,200	0	0	
ELANCO ANIMAL HEALTH INC	COM	28414H103	201	5,942	SH	SOLE	1	5,942	0	0	
ELDORADO RESORTS INC	COM	28470R102	7,739	167,985	SH	SOLE	1	167,985	0	0	
ELECTROCORE INC	COM	28531P103	17	8,253	SH	SOLE	1	8,253	0	0	
ELECTRONIC ARTS INC	COM	285512109	12,531	123,751	SH	SOLE	1	123,751	0	0	
ELECTRONICS FOR IMAGING	COM	286082102	1,187	32,168	SH	SOLE	1	32,168	0	0	
ELEMENT SOLUTIONS INC	COM	28618M106	45	4,374	SH	SOLE	1	4,374	0	0	
ELEVATE CREDIT INC	COM	28621V101	58	14,025	SH	SOLE	1	14,025	0	0	
ELF BEAUTY INC	COM	26856L103	235	16,685	SH	SOLE	1	16,685	0	0	
ELI LILLY & CO	COM	532457108	30,483	275,139	SH	SOLE	1	275,139	0	0	
ELLINGTON FINANCIAL INC	COM	28852N109	308	17,153	SH	SOLE	1	17,153	0	0	
ELOXX PHARMACEUTICALS INC	COM	29014R103	144	14,430	SH	SOLE	1	14,430	0	0	
EMC INS GROUP INC	COM	268664109	216	5,996	SH	SOLE	1	5,996	0	0	
EMCOR GROUP INC	COM	29084Q100	12,703	144,186	SH	SOLE	1	144,186	0	0	
EMERALD EXPOSITIONS EVENTS I	COM	29103B100	175	15,716	SH	SOLE	1	15,716	0	0	
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	1,650	34,164	SH	SOLE	1	34,164	0	0	
EMERSON ELECTRIC CO	COM	291011104	27,996	419,599	SH	SOLE	1	419,599	0	0	
EMPIRE RESORTS INC	COM	292052305	23	2,418	SH	SOLE	1	2,418	0	0	
EMPIRE STATE REALTY TRUST A	COM	292104106	35	2,371	SH	SOLE	1	2,371	0	0	
EMPLOYERS HOLDINGS INC	COM	292218104	1,003	23,725	SH	SOLE	1	23,725	0	0	
ENANTA PHARMACEUTICALS INC	COM	29251M106	1,074	12,726	SH	SOLE	1	12,726	0	0	
ENCOMPASS HEALTH CORP	COM	29261A100	12,262	193,529	SH	SOLE	1	193,529	0	0	
ENCORE CAPITAL GROUP INC	COM	292554102	765	22,575	SH	SOLE	1	22,575	0	0	
ENCORE WIRE CORP	COM	292562105	898	15,327	SH	SOLE	1	15,327	0	0	
ENDURANCE INTERNATIONAL GROU	COM	29272B105	219	45,523	SH	SOLE	1	45,523	0	0	
ENERGIZER HOLDINGS INC	COM	29272W109	4,800	124,234	SH	SOLE	1	124,234	0	0	
ENERGOUS CORP	COM	29272C103	77	17,687	SH	SOLE	1	17,687	0	0	
ENERGY FUELS INC	COM	292671708	176	56,367	SH	SOLE	1	56,367	0	0	
ENERGY RECOVERY INC	COM	29270J100	246	23,619	SH	SOLE	1	23,619	0	0	
ENERSYS	COM	29275Y102	7,572	110,542	SH	SOLE	1	110,542	0	0	
ENNIS INC	COM	293389102	333	16,210	SH	SOLE	1	16,210	0	0	
ENOCHIAN BIOSCIENCES INC	COM	29350E104	12	2,553	SH	SOLE	1	2,553	0	0	
ENOVA INTERNATIONAL INC	COM	29357K103	572	24,795	SH	SOLE	1	24,795	0	0	
ENPHASE ENERGY INC	COM	29355A107	1,065	58,402	SH	SOLE	1	58,402	0	0	
ENPRO INDUSTRIES INC	COM	29355X107	986	15,445	SH	SOLE	1	15,445	0	0	
ENSIGN GROUP INC/THE	COM	29358P101	2,154	37,848	SH	SOLE	1	37,848	0	0	
ENTEGRA FINANCIAL CORP	COM	29363J108	129	4,288	SH	SOLE	1	4,288	0	0	
ENTEGRIS INC	COM	29362U104	123	3,290	SH	SOLE	1	3,290	0	0	
ENTERCOM COMMUNICATIONS CL A	COM	293639100	456	78,632	SH	SOLE	1	78,632	0	0	

ENTERGY CORP	COM	29364G103	6,750	65,575	SH	SOLE	1	65,575	0	0
ENTERPRISE BANCORP INC	COM	293668109	181	5,700	SH	SOLE	1	5,700	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	652	15,666	SH	SOLE	1	15,666	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	120	38,591	SH	SOLE	1	38,591	0	0
ENVESTNET INC	COM	29404K106	2,077	30,385	SH	SOLE	1	30,385	0	0
ENZO BIOCHEM INC	COM	294100102	95	28,059	SH	SOLE	1	28,059	0	0
EOG RESOURCES INC	COM	26875P101	21,314	228,791	SH	SOLE	1	228,791	0	0
EPAM SYSTEMS INC	COM	29414B104	219	1,268	SH	SOLE	1	1,268	0	0
EPIZYME INC	COM	29428V104	620	49,378	SH	SOLE	1	49,378	0	0
EPLUS INC	COM	294268107	692	10,040	SH	SOLE	1	10,040	0	0
EPR PROPERTIES	COM	26884U109	11,001	147,492	SH	SOLE	1	147,492	0	0
EQT CORP	COM	26884L109	7,892	499,183	SH	SOLE	1	499,183	0	0
EQUIFAX INC	COM	294429105	5,648	41,766	SH	SOLE	1	41,766	0	0
EQUINIX INC	COM	29444U700	15,067	29,878	SH	SOLE	1	29,878	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	7,860	398,762	SH	SOLE	1	398,762	0	0
EQUITY BANCSHARES INC CL A	COM	29460X109	256	9,608	SH	SOLE	1	9,608	0	0
EQUITY COMMONWEALTH	COM	294628102	63	1,950	SH	SOLE	1	1,950	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	254	2,094	SH	SOLE	1	2,094	0	0
EQUITY RESIDENTIAL	COM	29476L107	11,179	147,252	SH	SOLE	1	147,252	0	0
ERA GROUP INC	COM	26885G109	128	15,305	SH	SOLE	1	15,305	0	0
ERIE INDEMNITY COMPANY CL A	COM	29530P102	136	533	SH	SOLE	1	533	0	0
ESCALADE INC	COM	296056104	78	6,806	SH	SOLE	1	6,806	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,587	19,206	SH	SOLE	1	19,206	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	738	15,854	SH	SOLE	1	15,854	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	102	4,053	SH	SOLE	1	4,053	0	0
ESSA BANCORP INC	COM	29667D104	92	6,014	SH	SOLE	1	6,014	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	631	31,511	SH	SOLE	1	31,511	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	6,472	22,170	SH	SOLE	1	22,170	0	0
ESTEE LAUDER COMPANIES CL A	COM	518439104	15,289	83,496	SH	SOLE	1	83,496	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	381	18,079	SH	SOLE	1	18,079	0	0
ETSY INC	COM	29786A106	179	2,918	SH	SOLE	1	2,918	0	0
EURONET WORLDWIDE INC	COM	298736109	206	1,222	SH	SOLE	1	1,222	0	0
EVANS BANCORP INC	COM	29911Q208	113	3,002	SH	SOLE	1	3,002	0	0
EVELO BIOSCIENCES INC	COM	299734103	78	8,741	SH	SOLE	1	8,741	0	0
EVENTBRITE INC CLASS A	COM	29975E109	377	23,233	SH	SOLE	1	23,233	0	0
EVERBRIDGE INC	COM	29978A104	1,855	20,740	SH	SOLE	1	20,740	0	0
EVERCORE INC A	COM	29977A105	7,116	80,346	SH	SOLE	1	80,346	0	0
EVERGY INC	COM	30034W106	5,069	84,274	SH	SOLE	1	84,274	0	0
EVERI HOLDINGS INC	COM	30034T103	513	43,006	SH	SOLE	1	43,006	0	0
EVERQUOTE INC CLASS A	COM	30041R108	70	5,393	SH	SOLE	1	5,393	0	0
EVERSOURCE ENERGY	COM	30040W108	11,543	152,364	SH	SOLE	1	152,364	0	0
EVERTEC INC	COM	30040P103	1,484	45,395	SH	SOLE	1	45,395	0	0
EVI INDUSTRIES INC	COM	26929N102	111	2,889	SH	SOLE	1	2,889	0	0

EVO PAYMENTS INC CLASS A	COM	26927E104	627	19,884	SH	SOLE	1	19,884	0	0
EVOFEM BIOSCIENCES INC	COM	30048L104	60	8,996	SH	SOLE	1	8,996	0	0
EVOLENT HEALTH INC A	COM	30050B101	366	46,060	SH	SOLE	1	46,060	0	0
EVOLUS INC	COM	30052C107	103	7,049	SH	SOLE	1	7,049	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	124	17,281	SH	SOLE	1	17,281	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	678	47,608	SH	SOLE	1	47,608	0	0
EW SCRIPPS CO/THE A	COM	811054402	630	41,220	SH	SOLE	1	41,220	0	0
EXACT SCIENCES CORP	COM	30063P105	369	3,125	SH	SOLE	1	3,125	0	0
EXANTAS CAPITAL CORP	COM	30068N105	219	19,395	SH	SOLE	1	19,395	0	0
EXELA TECHNOLOGIES INC	COM	30162V102	62	28,509	SH	SOLE	1	28,509	0	0
EXELIXIS INC	COM	30161Q104	12,620	590,538	SH	SOLE	1	590,538	0	0
EXELON CORP	COM	30161N101	15,317	319,504	SH	SOLE	1	319,504	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	1,669	25,231	SH	SOLE	1	25,231	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	113	10,141	SH	SOLE	1	10,141	0	0
EXPEDIA GROUP INC	COM	30212P303	9,815	73,784	SH	SOLE	1	73,784	0	0
EXPEDITORS INTL WASH INC	COM	302130109	4,442	58,554	SH	SOLE	1	58,554	0	0
EXPONENT INC	COM	30214U102	2,272	38,816	SH	SOLE	1	38,816	0	0
EXPRESS INC	COM	30219E103	135	49,495	SH	SOLE	1	49,495	0	0
EXTENDED STAY AMERICA INC	COM UNIT	30224P200	51	3,041	SH	SOLE	1	3,041	0	0
EXTERRAN CORP	COM	30227H106	336	23,597	SH	SOLE	1	23,597	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	4,655	43,875	SH	SOLE	1	43,875	0	0
EXTRACTION OIL & GAS INC	COM	30227M105	276	63,641	SH	SOLE	1	63,641	0	0
EXTREME NETWORKS INC	COM	30226D106	568	87,865	SH	SOLE	1	87,865	0	0
EXXON MOBIL CORP	COM	30231G102	458,082	5,977,847	SH	SOLE	1	5,977,847	0	0
EYEPOINT PHARMACEUTICALS INC	COM	30233G100	65	39,361	SH	SOLE	1	39,361	0	0
EZCORP INC CL A	COM	302301106	363	38,313	SH	SOLE	1	38,313	0	0
F5 NETWORKS INC	COM	315616102	2,976	20,434	SH	SOLE	1	20,434	0	0
FACEBOOK INC CLASS A	COM	30303M102	173,322	898,042	SH	SOLE	1	898,042	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	21,495	75,009	SH	SOLE	1	75,009	0	0
FAIR ISAAC CORP	COM	303250104	17,856	56,863	SH	SOLE	1	56,863	0	0
FALCON MINERALS CORP	COM	30607B109	206	24,534	SH	SOLE	1	24,534	0	0
FARMER BROS CO	COM	307675108	110	6,732	SH	SOLE	1	6,732	0	0
FARMERS & MERCHANTS BANCO/OH	COM	30779N105	187	6,411	SH	SOLE	1	6,411	0	0
FARMERS NATL BANC CORP	COM	309627107	241	16,284	SH	SOLE	1	16,284	0	0
FARMLAND PARTNERS INC	COM	31154R109	130	18,428	SH	SOLE	1	18,428	0	0
FARO TECHNOLOGIES INC	COM	311642102	680	12,931	SH	SOLE	1	12,931	0	0
FASTENAL CO	COM	311900104	19,808	607,809	SH	SOLE	1	607,809	0	0
FATE THERAPEUTICS INC	COM	31189P102	675	33,263	SH	SOLE	1	33,263	0	0
FB FINANCIAL CORP	COM	30257X104	396	10,820	SH	SOLE	1	10,820	0	0
FBL FINANCIAL GROUP	COM	30239F106	393	6,158	SH	SOLE	1	6,158	0	0

INC CL A											
FEDERAL AGRIC MTG CORP CL C	COM	313148306	417	5,737	SH	SOLE	1	5,737	0	0	
FEDERAL REALTY INVS TRUST	COM	313747206	3,280	25,477	SH	SOLE	1	25,477	0	0	
FEDERAL SIGNAL CORP	COM	313855108	1,200	44,864	SH	SOLE	1	44,864	0	0	
FEDERATED INVESTORS INC CL B	COM	314211103	8,048	247,632	SH	SOLE	1	247,632	0	0	
FEDEX CORP	COM	31428X106	12,764	77,738	SH	SOLE	1	77,738	0	0	
FEDNAT HOLDING CO	COM	31431B109	105	7,341	SH	SOLE	1	7,341	0	0	
FERRO CORP	COM	315405100	967	61,233	SH	SOLE	1	61,233	0	0	
FIBROGEN INC	COM	31572Q808	2,230	49,362	SH	SOLE	1	49,362	0	0	
FIDELITY D&D BANCORP INC	COM	31609R100	119	1,776	SH	SOLE	1	1,776	0	0	
FIDELITY NATIONAL FINANCIAL	COM	31620R303	173	4,281	SH	SOLE	1	4,281	0	0	
FIDELITY NATIONAL INFO SERV	COM	31620M106	15,342	125,056	SH	SOLE	1	125,056	0	0	
FIDELITY SOUTHERN CORP	COM	316394105	79	2,551	SH	SOLE	1	2,551	0	0	
FIESTA RESTAURANT GROUP	COM	31660B101	231	17,601	SH	SOLE	1	17,601	0	0	
FIFTH THIRD BANCORP	COM	316773100	9,056	324,579	SH	SOLE	1	324,579	0	0	
FINANCIAL INSTITUTIONS INC	COM	317585404	287	9,840	SH	SOLE	1	9,840	0	0	
FINISAR CORPORATION	COM	31787A507	2,020	88,319	SH	SOLE	1	88,319	0	0	
FIREEYE INC	COM	31816Q101	72	4,871	SH	SOLE	1	4,871	0	0	
FIRST AMERICAN FINANCIAL	COM	31847R102	12,531	233,356	SH	SOLE	1	233,356	0	0	
FIRST BANCORP INC/ME	COM	31866P102	175	6,516	SH	SOLE	1	6,516	0	0	
FIRST BANCORP PUERTO RICO	COM	318672706	1,780	161,269	SH	SOLE	1	161,269	0	0	
FIRST BANCORP/NC	COM	318910106	679	18,634	SH	SOLE	1	18,634	0	0	
FIRST BANCSHARES INC/MS	COM	318916103	320	10,545	SH	SOLE	1	10,545	0	0	
FIRST BANK/HAMILTON NJ	COM	31931U102	124	10,561	SH	SOLE	1	10,561	0	0	
FIRST BUSEY CORP	COM	319383204	872	33,006	SH	SOLE	1	33,006	0	0	
FIRST BUSINESS FINANCIAL SER	COM	319390100	125	5,318	SH	SOLE	1	5,318	0	0	
FIRST CAPITAL INC	COM	31942S104	104	2,060	SH	SOLE	1	2,060	0	0	
FIRST CHOICE BANCORP	COM	31948P104	146	6,414	SH	SOLE	1	6,414	0	0	
FIRST CITIZENS BCSHS CL A	COM	31946M103	54	121	SH	SOLE	1	121	0	0	
FIRST COMMONWEALTH FINL CORP	COM	319829107	989	73,453	SH	SOLE	1	73,453	0	0	
FIRST COMMUNITY BANKSHARES	COM	31983A103	330	9,761	SH	SOLE	1	9,761	0	0	
FIRST DATA CORP CLASS A	COM	32008D106	377	13,939	SH	SOLE	1	13,939	0	0	
FIRST DEFIANCE FINL CORP	COM	32006W106	353	12,352	SH	SOLE	1	12,352	0	0	
FIRST FINANCIAL BANCORP	COM	320209109	1,773	73,221	SH	SOLE	1	73,221	0	0	
FIRST FINANCIAL CORP/INDIANA	COM	320218100	305	7,589	SH	SOLE	1	7,589	0	0	
FIRST FINANCIAL NORTHWEST	COM	32022K102	71	5,040	SH	SOLE	1	5,040	0	0	
FIRST FINL BANKSHARES INC	COM	32020R109	10,643	345,670	SH	SOLE	1	345,670	0	0	
FIRST FOUNDATION INC	COM	32026V104	334	24,861	SH	SOLE	1	24,861	0	0	
FIRST GUARANTY BANCSHARES IN	COM	32043P106	62	2,979	SH	SOLE	1	2,979	0	0	

FIRST HAWAIIAN INC	COM	32051X108	57	2,190	SH	SOLE	1	2,190	0	0
FIRST HORIZON NATIONAL CORP	COM	320517105	9,198	616,088	SH	SOLE	1	616,088	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	11,951	325,279	SH	SOLE	1	325,279	0	0
FIRST INTERNET BANCORP	COM	320557101	134	6,222	SH	SOLE	1	6,222	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	944	23,823	SH	SOLE	1	23,823	0	0
FIRST MERCHANTS CORP	COM	320817109	1,178	31,077	SH	SOLE	1	31,077	0	0
FIRST MID BANCSHARES INC	COM	320866106	323	9,253	SH	SOLE	1	9,253	0	0
FIRST MIDWEST BANCORP INC/IL	COM	320867104	1,647	80,467	SH	SOLE	1	80,467	0	0
FIRST NORTHWEST BANCORP	COM	335834107	93	5,701	SH	SOLE	1	5,701	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	306	15,231	SH	SOLE	1	15,231	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	5,919	60,616	SH	SOLE	1	60,616	0	0
FIRST SOLAR INC	COM	336433107	9,741	148,308	SH	SOLE	1	148,308	0	0
FIRSTCASH INC	COM	33767D105	3,186	31,857	SH	SOLE	1	31,857	0	0
FIRSTENERGY CORP	COM	337932107	14,713	343,671	SH	SOLE	1	343,671	0	0
FISERV INC	COM	337738108	16,154	177,210	SH	SOLE	1	177,210	0	0
FITBIT INC A	COM	33812L102	620	140,827	SH	SOLE	1	140,827	0	0
FIVE BELOW	COM	33829M101	13,174	109,766	SH	SOLE	1	109,766	0	0
FIVE PRIME THERAPEUTICS INC	COM	33830X104	130	21,490	SH	SOLE	1	21,490	0	0
FIVE9 INC	COM	338307101	1,920	37,429	SH	SOLE	1	37,429	0	0
FLAGSTAR BANCORP INC	COM	337930705	710	21,423	SH	SOLE	1	21,423	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	9,291	33,083	SH	SOLE	1	33,083	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	264	21,477	SH	SOLE	1	21,477	0	0
FLEXSTEEL INDS	COM	339382103	81	4,751	SH	SOLE	1	4,751	0	0
FLIR SYSTEMS INC	COM	302445101	2,534	46,841	SH	SOLE	1	46,841	0	0
FLOOR & DECOR HOLDINGS INC A	COM	339750101	68	1,627	SH	SOLE	1	1,627	0	0
FLOTEK INDUSTRIES INC	COM	343389102	113	34,186	SH	SOLE	1	34,186	0	0
FLOWERS FOODS INC	COM	343498101	8,368	359,612	SH	SOLE	1	359,612	0	0
FLOWERVE CORP	COM	34354P105	2,359	44,770	SH	SOLE	1	44,770	0	0
FLUENT INC	COM	34380C102	146	27,115	SH	SOLE	1	27,115	0	0
FLUIDIGM CORP	COM	34385P108	542	43,963	SH	SOLE	1	43,963	0	0
FLUOR CORP	COM	343412102	9,891	293,598	SH	SOLE	1	293,598	0	0
FLUSHING FINANCIAL CORP	COM	343873105	382	17,190	SH	SOLE	1	17,190	0	0
FMC CORP	COM	302491303	5,504	66,352	SH	SOLE	1	66,352	0	0
FNB CORP	COM	302520101	7,468	634,471	SH	SOLE	1	634,471	0	0
FNCB BANCORP INC	COM	302578109	84	10,878	SH	SOLE	1	10,878	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	526	19,269	SH	SOLE	1	19,269	0	0
FOOT LOCKER INC	COM	344849104	13,751	328,041	SH	SOLE	1	328,041	0	0
FORD MOTOR CO	COM	345370860	14,930	1,459,401	SH	SOLE	1	1,459,401	0	0
FORESCOUT TECHNOLOGIES INC	COM	34553D101	874	25,813	SH	SOLE	1	25,813	0	0
FORESTAR GROUP INC	COM	346232101	131	6,699	SH	SOLE	1	6,699	0	0
FORMFACTOR INC	COM	346375108	874	55,777	SH	SOLE	1	55,777	0	0
FORRESTER RESEARCH INC	COM	346563109	374	7,945	SH	SOLE	1	7,945	0	0
FORTERRA INC	COM	34960W106	59	11,811	SH	SOLE	1	11,811	0	0

FORTINET INC	COM	34959E109	3,820	49,721	SH	SOLE	1	49,721	0	0
FORTIVE CORP	COM	34959J108	9,782	119,993	SH	SOLE	1	119,993	0	0
FORTUNE BRANDS HOME & SECURI	COM	34964C106	2,780	48,655	SH	SOLE	1	48,655	0	0
FORTY SEVEN INC	COM	34983P104	111	10,501	SH	SOLE	1	10,501	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V100	180	52,621	SH	SOLE	1	52,621	0	0
FORWARD AIR CORP	COM	349853101	1,268	21,442	SH	SOLE	1	21,442	0	0
FOSSIL GROUP INC	COM	34988V106	402	34,952	SH	SOLE	1	34,952	0	0
FOSTER (LB) CO A	COM	350060109	174	6,364	SH	SOLE	1	6,364	0	0
FOUNDATION BUILDING MATERIAL	COM	350392106	168	9,436	SH	SOLE	1	9,436	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,404	51,354	SH	SOLE	1	51,354	0	0
FOX CORP CLASS A	COM	35137L105	6,292	171,732	SH	SOLE	1	171,732	0	0
FOX CORP CLASS B	COM	35137L204	2,608	71,384	SH	SOLE	1	71,384	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	2,333	28,276	SH	SOLE	1	28,276	0	0
FRANKLIN COVEY CO	COM	353469109	211	6,195	SH	SOLE	1	6,195	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	1,605	33,781	SH	SOLE	1	33,781	0	0
FRANKLIN FINANCIAL NETWORK	COM	35352P104	272	9,747	SH	SOLE	1	9,747	0	0
FRANKLIN FINANCIAL SERVICES	COM	353525108	102	2,664	SH	SOLE	1	2,664	0	0
FRANKLIN RESOURCES INC	COM	354613101	9,789	281,288	SH	SOLE	1	281,288	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	577	78,227	SH	SOLE	1	78,227	0	0
FREEMPORT MCMORAN INC	COM	35671D857	5,734	493,902	SH	SOLE	1	493,902	0	0
FRESHPET INC	COM	358039105	899	19,743	SH	SOLE	1	19,743	0	0
FRONT YARD RESIDENTIAL CORP	COM	35904G107	385	31,493	SH	SOLE	1	31,493	0	0
FRONTDOOR INC	COM	35905A109	60	1,375	SH	SOLE	1	1,375	0	0
FRONTIER COMMUNICATIONS CORP	COM	35906A306	138	78,699	SH	SOLE	1	78,699	0	0
FRP HOLDINGS INC	COM	30292L107	250	4,477	SH	SOLE	1	4,477	0	0
FS BANCORP INC	COM	30263Y104	132	2,542	SH	SOLE	1	2,542	0	0
FTI CONSULTING INC	COM	302941109	2,374	28,310	SH	SOLE	1	28,310	0	0
FTS INTERNATIONAL INC	COM	30283W104	118	21,122	SH	SOLE	1	21,122	0	0
FULTON FINANCIAL CORP	COM	360271100	7,073	432,041	SH	SOLE	1	432,041	0	0
FUNKO INC CLASS A	COM	361008105	262	10,806	SH	SOLE	1	10,806	0	0
FUTUREFUEL CORP	COM	36116M106	606	51,844	SH	SOLE	1	51,844	0	0
FVCBANKCORP INC	COM	36120Q101	150	7,716	SH	SOLE	1	7,716	0	0
G III APPAREL GROUP LTD	COM	36237H101	985	33,492	SH	SOLE	1	33,492	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	660	21,515	SH	SOLE	1	21,515	0	0
GAIA INC	COM	36269P104	51	6,681	SH	SOLE	1	6,681	0	0
GAIN CAPITAL HOLDINGS INC	COM	36268W100	50	12,127	SH	SOLE	1	12,127	0	0
GALECTIN THERAPEUTICS INC	COM	363225202	85	20,506	SH	SOLE	1	20,506	0	0
GAMCO INVESTORS INC A	COM	361438104	64	3,338	SH	SOLE	1	3,338	0	0
GAMESTOP CORP CLASS A	COM	36467W109	664	121,301	SH	SOLE	1	121,301	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	128	3,278	SH	SOLE	1	3,278	0	0
GANNETT CO INC	COM	36473H104	656	80,362	SH	SOLE	1	80,362	0	0

GAP INC/THE	COM	364760108	245,502	13,661,764	SH	SOLE	1	13,661,764	0	0
GARDNER DENVER HOLDINGS INC	COM	36555P107	73	2,112	SH	SOLE	1	2,112	0	0
GARRETT MOTION INC	COM	366505105	130	8,493	SH	SOLE	1	8,493	0	0
GARTNER INC	COM	366651107	4,961	30,824	SH	SOLE	1	30,824	0	0
GATX CORP	COM	361448103	7,383	93,114	SH	SOLE	1	93,114	0	0
GCI LIBERTY INC CLASS A	COM	36164V305	98	1,590	SH	SOLE	1	1,590	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	779	34,399	SH	SOLE	1	34,399	0	0
GDS HOLDINGS LTD ADR	ADR	36165L108	30	800	SH	SOLE	1	800	0	0
GENCOR INDUSTRIES INC	COM	368678108	75	5,775	SH	SOLE	1	5,775	0	0
GENERAC HOLDINGS INC	COM	368736104	2,700	38,903	SH	SOLE	1	38,903	0	0
GENERAL DYNAMICS CORP	COM	369550108	28,928	159,100	SH	SOLE	1	159,100	0	0
GENERAL ELECTRIC CO	COM	369604103	30,132	2,869,686	SH	SOLE	1	2,869,686	0	0
GENERAL FINANCE CORP	COM	369822101	62	7,384	SH	SOLE	1	7,384	0	0
GENERAL MILLS INC	COM	370334104	452,849	8,622,413	SH	SOLE	1	8,622,413	0	0
GENERAL MOTORS CO	COM	37045V100	16,725	434,069	SH	SOLE	1	434,069	0	0
GENESCO INC	COM	371532102	560	13,243	SH	SOLE	1	13,243	0	0
GENESEE & WYOMING INC CL A	COM	371559105	11,049	110,490	SH	SOLE	1	110,490	0	0
GENESIS HEALTHCARE INC	COM	37185X106	64	51,821	SH	SOLE	1	51,821	0	0
GENIE ENERGY LTD B	COM	372284208	97	9,146	SH	SOLE	1	9,146	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	225	34,621	SH	SOLE	1	34,621	0	0
GENOMIC HEALTH INC	COM	37244C101	996	17,130	SH	SOLE	1	17,130	0	0
GENTEX CORP	COM	371901109	12,289	499,355	SH	SOLE	1	499,355	0	0
GENTHERM INC	COM	37253A103	1,058	25,299	SH	SOLE	1	25,299	0	0
GENUINE PARTS CO	COM	372460105	16,990	164,026	SH	SOLE	1	164,026	0	0
GENWORTH FINANCIAL INC CL A	COM	37247D106	4,812	1,297,100	SH	SOLE	1	1,297,100	0	0
GEO GROUP INC/THE	COM	36162J106	6,524	310,540	SH	SOLE	1	310,540	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	151	9,965	SH	SOLE	1	9,965	0	0
GERMAN AMERICAN BANCORP	COM	373865104	445	14,762	SH	SOLE	1	14,762	0	0
GERON CORP	COM	374163103	155	109,983	SH	SOLE	1	109,983	0	0
GETTY REALTY CORP	COM	374297109	772	25,098	SH	SOLE	1	25,098	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,529	37,882	SH	SOLE	1	37,882	0	0
GILEAD SCIENCES INC	COM	375558103	370,399	5,482,526	SH	SOLE	1	5,482,526	0	0
GLACIER BANCORP INC	COM	37637Q105	2,578	63,570	SH	SOLE	1	63,570	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	404	19,041	SH	SOLE	1	19,041	0	0
GLADSTONE LAND CORP	COM	376549101	120	10,373	SH	SOLE	1	10,373	0	0
GLATFELTER	COM	377316104	552	32,711	SH	SOLE	1	32,711	0	0
GLAUKOS CORP	COM	377322102	1,709	22,664	SH	SOLE	1	22,664	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	1,821	34,619	SH	SOLE	1	34,619	0	0
GLOBAL BRASS & COPPER HOLDIN	COM	37953G103	596	13,639	SH	SOLE	1	13,639	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	205	19,566	SH	SOLE	1	19,566	0	0
GLOBAL NET LEASE INC	COM	379378201	1,240	63,221	SH	SOLE	1	63,221	0	0
GLOBAL PAYMENTS INC	COM	37940X102	8,603	53,727	SH	SOLE	1	53,727	0	0
GLOBAL WATER	COM	379463102	78	7,500	SH	SOLE	1	7,500	0	0

RESOURCES INC										
GLOBAL MEDICAL INC A	COM	379577208	8,319	196,675	SH	SOLE	1	196,675	0	0
GLU MOBILE INC	COM	379890106	529	73,649	SH	SOLE	1	73,649	0	0
GLYCOMIMETICS INC	COM	38000Q102	256	21,504	SH	SOLE	1	21,504	0	0
GMS INC	COM	36251C103	530	24,105	SH	SOLE	1	24,105	0	0
GNC HOLDINGS INC CL A	COM	36191G107	78	51,999	SH	SOLE	1	51,999	0	0
GODADDY INC CLASS A	COM	380237107	302	4,299	SH	SOLE	1	4,299	0	0
GOGO INC	COM	38046C109	139	34,921	SH	SOLE	1	34,921	0	0
GOLD RESOURCE CORP	COM	38068T105	124	36,732	SH	SOLE	1	36,732	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	152	10,875	SH	SOLE	1	10,875	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	22,906	111,956	SH	SOLE	1	111,956	0	0
GOODRICH PETROLEUM CORP	COM	382410843	74	5,706	SH	SOLE	1	5,706	0	0
GOODYEAR TIRE & RUBBER CO	COM	382550101	6,949	454,196	SH	SOLE	1	454,196	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	340	7,111	SH	SOLE	1	7,111	0	0
GOPRO INC CLASS A	COM	38268T103	425	77,827	SH	SOLE	1	77,827	0	0
GORMAN RUPP CO	COM	383082104	368	11,203	SH	SOLE	1	11,203	0	0
GOSSAMER BIO INC	COM	38341P102	282	12,721	SH	SOLE	1	12,721	0	0
GP STRATEGIES CORP	COM	36225V104	121	8,046	SH	SOLE	1	8,046	0	0
GRACO INC	COM	384109104	16,392	326,673	SH	SOLE	1	326,673	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	11	993	SH	SOLE	1	993	0	0
GRAHAM CORP	COM	384556106	123	6,102	SH	SOLE	1	6,102	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	6,902	10,002	SH	SOLE	1	10,002	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	94	805	SH	SOLE	1	805	0	0
GRANITE CONSTRUCTION INC	COM	387328107	5,807	120,534	SH	SOLE	1	120,534	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	766	39,903	SH	SOLE	1	39,903	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	67	4,765	SH	SOLE	1	4,765	0	0
GRAY TELEVISION INC	COM	389375106	949	57,907	SH	SOLE	1	57,907	0	0
GREAT AJAX CORP	COM	38983D300	143	10,212	SH	SOLE	1	10,212	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	428	38,754	SH	SOLE	1	38,754	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	421	7,041	SH	SOLE	1	7,041	0	0
GREAT WESTERN BANCORP INC	COM	391416104	1,532	42,876	SH	SOLE	1	42,876	0	0
GREEN BRICK PARTNERS INC	COM	392709101	128	15,462	SH	SOLE	1	15,462	0	0
GREEN DOT CORP CLASS A	COM	39304D102	6,076	124,244	SH	SOLE	1	124,244	0	0
GREEN PLAINS INC	COM	393222104	318	29,543	SH	SOLE	1	29,543	0	0
GREENBRIER COMPANIES INC	COM	393657101	733	24,112	SH	SOLE	1	24,112	0	0
GREENE COUNTY BANCORP INC	COM	394357107	62	2,103	SH	SOLE	1	2,103	0	0
GREENHILL & CO INC	COM	395259104	173	12,732	SH	SOLE	1	12,732	0	0
GREENLANE HOLDINGS INC A	COM	395330103	38	3,944	SH	SOLE	1	3,944	0	0
GREIF INC CL A	COM	397624107	3,218	98,865	SH	SOLE	1	98,865	0	0
GREIF INC CL B	COM	397624206	167	3,832	SH	SOLE	1	3,832	0	0
GRIFFIN INDUSTRIAL REALTY IN	COM	398231100	22	614	SH	SOLE	1	614	0	0

GRIFFON CORP	COM	398433102	459	27,149	SH	SOLE	1	27,149	0	0
GRITSTONE ONCOLOGY INC	COM	39868T105	177	15,846	SH	SOLE	1	15,846	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	1,083	13,219	SH	SOLE	1	13,219	0	0
GROUPON INC	COM	399473107	1,028	287,282	SH	SOLE	1	287,282	0	0
GRUBHUB INC	COM	400110102	174	2,229	SH	SOLE	1	2,229	0	0
GRUPO FINANCIERO GALICIA ADR	ADR	399909100	46	1,291	SH	SOLE	1	1,291	0	0
GSI TECHNOLOGY INC	COM	36241U106	83	9,715	SH	SOLE	1	9,715	0	0
GTT COMMUNICATIONS INC	COM	362393100	372	21,155	SH	SOLE	1	21,155	0	0
GTY GOVTECH INC	COM	362409104	132	19,201	SH	SOLE	1	19,201	0	0
GUARANTY BANCSHARES INC	COM	400764106	163	5,234	SH	SOLE	1	5,234	0	0
GUARDANT HEALTH INC	COM	40131M109	72	838	SH	SOLE	1	838	0	0
GUESS INC	COM	401617105	681	42,145	SH	SOLE	1	42,145	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	202	1,994	SH	SOLE	1	1,994	0	0
GULF ISLAND FABRICATION INC	COM	402307102	11	1,579	SH	SOLE	1	1,579	0	0
GULFPORT ENERGY CORP	COM	402635304	581	118,364	SH	SOLE	1	118,364	0	0
GWG HOLDINGS INC	COM	36192A109	8	1,157	SH	SOLE	1	1,157	0	0
H.B. FULLER CO.	COM	359694106	1,772	38,182	SH	SOLE	1	38,182	0	0
H&E EQUIPMENT SERVICES INC	COM	404030108	591	20,308	SH	SOLE	1	20,308	0	0
H&R BLOCK INC	COM	093671105	19,098	651,800	SH	SOLE	1	651,800	0	0
HABIT RESTAURANTS INC/THE A	COM	40449J103	137	13,090	SH	SOLE	1	13,090	0	0
HACKETT GROUP INC/THE	COM	404609109	261	15,547	SH	SOLE	1	15,547	0	0
HAEMONETICS CORP/MASS	COM	405024100	15,859	131,787	SH	SOLE	1	131,787	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	3,833	175,019	SH	SOLE	1	175,019	0	0
HALLADOR ENERGY CO	COM	40609P105	73	12,926	SH	SOLE	1	12,926	0	0
HALLIBURTON CO	COM	406216101	6,861	301,712	SH	SOLE	1	301,712	0	0
HALLMARK FINL SERVICES INC	COM	40624Q203	118	8,307	SH	SOLE	1	8,307	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	1,564	91,022	SH	SOLE	1	91,022	0	0
HAMILTON BEACH BRAND A	COM	40701T104	81	4,252	SH	SOLE	1	4,252	0	0
HAMILTON LANE INC CLASS A	COM	407497106	791	13,858	SH	SOLE	1	13,858	0	0
HANCOCK WHITNEY CORP	COM	410120109	8,834	220,512	SH	SOLE	1	220,512	0	0
HANESBRANDS INC	COM	410345102	16,271	944,870	SH	SOLE	1	944,870	0	0
HANGER INC	COM	41043F208	441	23,037	SH	SOLE	1	23,037	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	507	22,785	SH	SOLE	1	22,785	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	1,103	39,152	SH	SOLE	1	39,152	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	12,857	100,209	SH	SOLE	1	100,209	0	0
HARBORONE BANCORP INC	COM	41165F101	174	9,285	SH	SOLE	1	9,285	0	0
HARLEY DAVIDSON INC	COM	412822108	1,967	54,908	SH	SOLE	1	54,908	0	0
HARMONIC INC	COM	413160102	360	64,890	SH	SOLE	1	64,890	0	0
HARPOON THERAPEUTICS INC	COM	41358P106	49	3,771	SH	SOLE	1	3,771	0	0
HARSCO CORP	COM	415864107	1,639	59,726	SH	SOLE	1	59,726	0	0

HARTFORD FINANCIAL SVCS GRP	COM	416515104	6,954	124,796	SH	SOLE	1	124,796	0	0
HASBRO INC	COM	418056107	5,062	47,895	SH	SOLE	1	47,895	0	0
HAVERTY FURNITURE	COM	419596101	237	13,890	SH	SOLE	1	13,890	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	9,269	212,827	SH	SOLE	1	212,827	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	981	35,771	SH	SOLE	1	35,771	0	0
HAWKINS INC	COM	420261109	316	7,289	SH	SOLE	1	7,289	0	0
HAWTHORN BANCSHARES INC	COM	420476103	96	3,598	SH	SOLE	1	3,598	0	0
HAYNES INTERNATIONAL INC	COM	420877201	297	9,325	SH	SOLE	1	9,325	0	0
HCA HEALTHCARE INC	COM	40412C101	15,323	113,360	SH	SOLE	1	113,360	0	0
HCI GROUP INC	COM	40416E103	198	4,897	SH	SOLE	1	4,897	0	0
HCP INC	COM	40414L109	5,116	159,964	SH	SOLE	1	159,964	0	0
HD SUPPLY HOLDINGS INC	COM	40416M105	1,285	31,897	SH	SOLE	1	31,897	0	0
HDFC BANK LTD ADR	ADR	40415F101	67	512	SH	SOLE	1	512	0	0
HEALTH INSURANCE INNOVATIO A	COM	42225K106	161	6,203	SH	SOLE	1	6,203	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	10,390	331,742	SH	SOLE	1	331,742	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	5,786	190,821	SH	SOLE	1	190,821	0	0
HEALTHCARE TRUST OF AME CL A	COM	42225P501	91	3,300	SH	SOLE	1	3,300	0	0
HEALTHEQUITY INC	COM	42226A107	9,468	144,770	SH	SOLE	1	144,770	0	0
HEALTHSTREAM INC	COM	42222N103	504	19,479	SH	SOLE	1	19,479	0	0
HEARTLAND EXPRESS INC	COM	422347104	626	34,621	SH	SOLE	1	34,621	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	933	20,853	SH	SOLE	1	20,853	0	0
HECLA MINING CO	COM	422704106	551	306,352	SH	SOLE	1	306,352	0	0
HEICO CORP	COM	422806109	128	953	SH	SOLE	1	953	0	0
HEICO CORP CLASS A	COM	422806208	193	1,865	SH	SOLE	1	1,865	0	0
HEIDRICK & STRUGGLES INTL	COM	422819102	424	14,145	SH	SOLE	1	14,145	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	865	18,628	SH	SOLE	1	18,628	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	916	106,169	SH	SOLE	1	106,169	0	0
HELMERICH & PAYNE	COM	423452101	1,928	38,092	SH	SOLE	1	38,092	0	0
HEMISPHERE MEDIA GRO	COM	42365Q103	12,508	968,149	SH	SOLE	2	968,149	0	0
HEMISPHERE MEDIA GROUP INC	COM	42365Q103	139	10,752	SH	SOLE	1	10,752	0	0
HENRY SCHEIN INC	COM	806407102	5,896	84,355	SH	SOLE	1	84,355	0	0
HERC HOLDINGS INC	COM	42704L104	702	15,328	SH	SOLE	1	15,328	0	0
HERITAGE COMMERCE CORP	COM	426927109	325	26,553	SH	SOLE	1	26,553	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	251	9,552	SH	SOLE	1	9,552	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	800	27,087	SH	SOLE	1	27,087	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	261	16,941	SH	SOLE	1	16,941	0	0
HERMAN MILLER INC	COM	600544100	6,769	151,427	SH	SOLE	1	151,427	0	0
HERON THERAPEUTICS INC	COM	427746102	872	46,929	SH	SOLE	1	46,929	0	0
HERSHA HOSPITALITY TRUST	COM	427825500	435	26,299	SH	SOLE	1	26,299	0	0
HERSHEY CO/THE	COM	427866108	20,238	150,996	SH	SOLE	1	150,996	0	0
HERTZ GLOBAL	COM	42806J106	656	41,092	SH	SOLE	1	41,092	0	0

HOLDINGS INC										
HERTZ GLOBAL HOLDINGS INC	RIGHTS	42806J114	66	34,065	SH	SOLE	1	34,065	0	0
HESKA CORP	COM	42805E306	443	5,205	SH	SOLE	1	5,205	0	0
HESS CORP	COM	42809H107	6,941	109,185	SH	SOLE	1	109,185	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	9,008	602,526	SH	SOLE	1	602,526	0	0
HEXCEL CORP	COM	428291108	164	2,025	SH	SOLE	1	2,025	0	0
HF FOODS GROUP INC	COM	40417F109	167	4,783	SH	SOLE	1	4,783	0	0
HFF INC CLASS A	COM	40418F108	1,313	28,864	SH	SOLE	1	28,864	0	0
HIBBETT SPORTS INC	COM	428567101	250	13,735	SH	SOLE	1	13,735	0	0
HIGHPOINT RESOURCES CORP	COM	43114K108	486	267,217	SH	SOLE	1	267,217	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	8,366	202,566	SH	SOLE	1	202,566	0	0
HILL ROM HOLDINGS INC	COM	431475102	13,679	130,745	SH	SOLE	1	130,745	0	0
HILLENBRAND INC	COM	431571108	1,841	46,536	SH	SOLE	1	46,536	0	0
HILLTOP HOLDINGS INC	COM	432748101	981	46,110	SH	SOLE	1	46,110	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	50	1,570	SH	SOLE	1	1,570	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	9,746	99,712	SH	SOLE	1	99,712	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	175	883	SH	SOLE	1	883	0	0
HMS HOLDINGS CORP	COM	40425J101	2,109	65,116	SH	SOLE	1	65,116	0	0
HNI CORP	COM	404251100	3,945	111,513	SH	SOLE	1	111,513	0	0
HOLLYFRONTIER CORP	COM	436106108	3,156	68,202	SH	SOLE	1	68,202	0	0
HOLOGIC INC	COM	436440101	4,615	96,106	SH	SOLE	1	96,106	0	0
HOME BANCORP INC	COM	43689E107	190	4,947	SH	SOLE	1	4,947	0	0
HOME BANCSHARES INC	COM	436893200	9,253	480,446	SH	SOLE	1	480,446	0	0
HOME DEPOT INC	COM	437076102	96,674	464,844	SH	SOLE	1	464,844	0	0
HOMESTREET INC	COM	43785V102	560	18,878	SH	SOLE	1	18,878	0	0
HOMETRUST BANCSHARES INC	COM	437872104	258	10,245	SH	SOLE	1	10,245	0	0
HOMOLOGY MEDICINES INC	COM	438083107	303	15,460	SH	SOLE	1	15,460	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	48,744	279,190	SH	SOLE	1	279,190	0	0
HOOKER FURNITURE CORP	COM	439038100	152	7,392	SH	SOLE	1	7,392	0	0
HOOKIPA PHARMA INC	COM	43906K100	9	1,328	SH	SOLE	1	1,328	0	0
HOPE BANCORP INC	COM	43940T109	2,692	195,322	SH	SOLE	1	195,322	0	0
HORACE MANN EDUCATORS	COM	440327104	1,248	30,987	SH	SOLE	1	30,987	0	0
HORIZON BANCORP INC/IN	COM	440407104	388	23,732	SH	SOLE	1	23,732	0	0
HORMEL FOODS CORP	COM	440452100	4,781	117,927	SH	SOLE	1	117,927	0	0
HOSPITALITY PROPERTIES TRUST	COM	44106M102	8,031	321,251	SH	SOLE	1	321,251	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	4,791	262,959	SH	SOLE	1	262,959	0	0
HOSTESS BRANDS INC	COM	44109J106	920	63,689	SH	SOLE	1	63,689	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	382	66,391	SH	SOLE	1	66,391	0	0
HOULIHAN LOKEY INC	COM	441593100	953	21,407	SH	SOLE	1	21,407	0	0
HOWARD BANCORP INC	COM	442496105	124	8,193	SH	SOLE	1	8,193	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	93	751	SH	SOLE	1	751	0	0
HP INC	COM	40434L105	316,738	15,235,119	SH	SOLE	1	15,235,119	0	0
HUAZHU GROUP LTD ADR	ADR	44332N106	65	1,800	SH	SOLE	1	1,800	0	0

HUB GROUP INC CL A	COM	443320106	1,044	24,862	SH	SOLE	1	24,862	0	0
HUBBELL INC	COM	443510607	13,919	106,741	SH	SOLE	1	106,741	0	0
HUBSPOT INC	COM	443573100	166	973	SH	SOLE	1	973	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	82	2,460	SH	SOLE	1	2,460	0	0
HUMANA INC	COM	444859102	15,334	57,797	SH	SOLE	1	57,797	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	3,313	36,248	SH	SOLE	1	36,248	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	6,048	437,632	SH	SOLE	1	437,632	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	3,281	14,597	SH	SOLE	1	14,597	0	0
HUNTSMAN CORP	COM	447011107	74	3,616	SH	SOLE	1	3,616	0	0
HURCO COMPANIES INC	COM	447324104	144	4,037	SH	SOLE	1	4,037	0	0
HURON CONSULTING GROUP INC	COM	447462102	718	14,259	SH	SOLE	1	14,259	0	0
HUTCHISON CHINA MEDITECH ADR	ADR	44842L103	13	600	SH	SOLE	1	600	0	0
HYATT HOTELS CORP CL A	COM	448579102	47	612	SH	SOLE	1	612	0	0
HYSTER YALE MATERIALS	COM	449172105	355	6,433	SH	SOLE	1	6,433	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	173	5,871	SH	SOLE	1	5,871	0	0
IAA INC	COM	449253103	1,373	35,410	SH	SOLE	1	35,410	0	0
IAC/INTERACTIVECORP	COM	44919P508	340	1,561	SH	SOLE	1	1,561	0	0
IBERIABANK CORP	COM	450828108	2,602	34,306	SH	SOLE	1	34,306	0	0
ICF INTERNATIONAL INC	COM	44925C103	840	11,540	SH	SOLE	1	11,540	0	0
ICICI BANK LTD SPON ADR	ADR	45104G104	199	15,774	SH	SOLE	1	15,774	0	0
ICU MEDICAL INC	COM	44930G107	8,240	32,711	SH	SOLE	1	32,711	0	0
IDACORP INC	COM	451107106	9,886	98,438	SH	SOLE	1	98,438	0	0
IDEANOMICS INC	COM	45166V106	80	32,524	SH	SOLE	1	32,524	0	0
IDEX CORP	COM	45167R104	25,515	148,224	SH	SOLE	1	148,224	0	0
IDEXX LABORATORIES INC	COM	45168D104	10,362	37,635	SH	SOLE	1	37,635	0	0
IDT CORP CLASS B	COM	448947507	100	10,589	SH	SOLE	1	10,589	0	0
IES HOLDINGS INC	COM	44951W106	99	5,248	SH	SOLE	1	5,248	0	0
II VI INC	COM	902104108	1,710	46,767	SH	SOLE	1	46,767	0	0
ILLINOIS TOOL WORKS	COM	452308109	19,342	128,251	SH	SOLE	1	128,251	0	0
ILLUMINA INC	COM	452327109	22,666	61,567	SH	SOLE	1	61,567	0	0
IMAX CORP	COM	45245E109	672	33,265	SH	SOLE	1	33,265	0	0
IMMERSION CORPORATION	COM	452521107	151	19,824	SH	SOLE	1	19,824	0	0
IMMUNOGEN INC	COM	45253H101	200	92,218	SH	SOLE	1	92,218	0	0
IMMUNOMEDICS INC	COM	452907108	1,544	111,291	SH	SOLE	1	111,291	0	0
IMPINJ INC	COM	453204109	269	9,394	SH	SOLE	1	9,394	0	0
INCYTE CORP	COM	45337C102	6,907	81,302	SH	SOLE	1	81,302	0	0
INDEPENDENCE CONTRACT DRILLI	COM	453415309	48	30,515	SH	SOLE	1	30,515	0	0
INDEPENDENCE HOLDING CO	COM	453440307	122	3,158	SH	SOLE	1	3,158	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	781	67,459	SH	SOLE	1	67,459	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	313	14,355	SH	SOLE	1	14,355	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,906	25,026	SH	SOLE	1	25,026	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,267	23,053	SH	SOLE	1	23,053	0	0
INDUSTRIAL LOGISTICS PROP WI	COM	456237106	858	41,221	SH	SOLE	1	41,221	0	0

INFINERA CORP	COM	45667G103	325	111,564	SH	SOLE	1	111,564	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	69	21,929	SH	SOLE	1	21,929	0	0
INFOSYS LTD SP ADR	ADR	456788108	519	48,463	SH	SOLE	1	48,463	0	0
INGEVITY CORP	COM	45688C107	11,339	107,816	SH	SOLE	1	107,816	0	0
INGLES MARKETS INC CLASS A	COM	457030104	280	8,996	SH	SOLE	1	8,996	0	0
INGREDION INC	COM	457187102	11,708	141,937	SH	SOLE	1	141,937	0	0
INNERWORKINGS INC	COM	45773Y105	107	28,070	SH	SOLE	1	28,070	0	0
INNOPHOS HOLDINGS INC	COM	45774N108	428	14,710	SH	SOLE	1	14,710	0	0
INNOSPEC INC	COM	45768S105	1,665	18,247	SH	SOLE	1	18,247	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	875	7,079	SH	SOLE	1	7,079	0	0
INNOVIVA INC	COM	45781M101	704	48,346	SH	SOLE	1	48,346	0	0
INOGEN INC	COM	45780L104	3,102	46,459	SH	SOLE	1	46,459	0	0
INOVALON HOLDINGS INC A	COM	45781D101	649	44,750	SH	SOLE	1	44,750	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	172	58,352	SH	SOLE	1	58,352	0	0
INPHI CORP	COM	45772F107	1,432	28,588	SH	SOLE	1	28,588	0	0
INSEEGO CORP	COM	45782B104	136	28,334	SH	SOLE	1	28,334	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,549	26,612	SH	SOLE	1	26,612	0	0
INSMED INC	COM	457669307	1,262	49,295	SH	SOLE	1	49,295	0	0
INSPERITY INC	COM	45778Q107	11,895	97,387	SH	SOLE	1	97,387	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	514	8,470	SH	SOLE	1	8,470	0	0
INSPIRED ENTERTAINMENT INC	COM	45782N108	48	5,625	SH	SOLE	1	5,625	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	995	16,796	SH	SOLE	1	16,796	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	288	13,813	SH	SOLE	1	13,813	0	0
INSTRUCTURE INC	COM	45781U103	909	21,397	SH	SOLE	1	21,397	0	0
INSULET CORP	COM	45784P101	173	1,451	SH	SOLE	1	1,451	0	0
INTEGER HOLDINGS CORP	COM	45826H109	2,021	24,086	SH	SOLE	1	24,086	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	7,741	138,611	SH	SOLE	1	138,611	0	0
INTEL CORP	COM	458140100	87,051	1,818,494	SH	SOLE	1	1,818,494	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	379	23,149	SH	SOLE	1	23,149	0	0
INTELLIGENT SYSTEMS CORP	COM	45816D100	125	4,335	SH	SOLE	1	4,335	0	0
INTER PARFUMS INC	COM	458334109	875	13,164	SH	SOLE	1	13,164	0	0
INTERACTIVE BROKERS GRO CL A	COM	45841N107	7,958	146,824	SH	SOLE	1	146,824	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	1,253	15,744	SH	SOLE	1	15,744	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	20,493	238,460	SH	SOLE	1	238,460	0	0
INTERDIGITAL INC	COM	45867G101	5,260	81,684	SH	SOLE	1	81,684	0	0
INTERFACE INC	COM	458665304	684	44,608	SH	SOLE	1	44,608	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	5,315	140,944	SH	SOLE	1	140,944	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	116	8,236	SH	SOLE	1	8,236	0	0
INTERNATIONAL PAPER CO	COM	460146103	7,282	168,095	SH	SOLE	1	168,095	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	16,521	731,363	SH	SOLE	1	731,363	0	0
INTERSECT ENT INC	COM	46071F103	445	19,530	SH	SOLE	1	19,530	0	0

INTL BUSINESS MACHINES CORP	COM	459200101	401,281	2,909,945	SH	SOLE	1	2,909,945	0	0
INTL FCSTONE INC	COM	46116V105	474	11,971	SH	SOLE	1	11,971	0	0
INTL FLAVORS & FRAGRANCES	COM	459506101	5,587	38,510	SH	SOLE	1	38,510	0	0
INTL SPEEDWAY CORP CL A	COM	460335201	2,744	61,126	SH	SOLE	1	61,126	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	368	28,315	SH	SOLE	1	28,315	0	0
INTREPID POTASH INC	COM	46121Y102	204	60,622	SH	SOLE	1	60,622	0	0
INTREXON CORP	COM	46122T102	350	45,628	SH	SOLE	1	45,628	0	0
INTRICON CORP	COM	46121H109	122	5,218	SH	SOLE	1	5,218	0	0
INTUIT INC	COM	461202103	28,577	109,354	SH	SOLE	1	109,354	0	0
INTUITIVE SURGICAL INC	COM	46120E602	22,970	43,790	SH	SOLE	1	43,790	0	0
INVACARE CORP	COM	461203101	131	25,229	SH	SOLE	1	25,229	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B100	1,562	96,915	SH	SOLE	1	96,915	0	0
INVESTAR HOLDING CORP	COM	46134L105	141	5,917	SH	SOLE	1	5,917	0	0
INVESTORS BANCORP INC	COM	46146L101	1,635	146,648	SH	SOLE	1	146,648	0	0
INVESTORS REAL ESTATE TRUST	COM	461730509	440	7,492	SH	SOLE	1	7,492	0	0
INVESTORS TITLE CO	COM	461804106	148	887	SH	SOLE	1	887	0	0
INVITAE CORP	COM	46185L103	1,295	55,099	SH	SOLE	1	55,099	0	0
INVITATION HOMES INC	COM	46187W107	183	6,847	SH	SOLE	1	6,847	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	201	3,129	SH	SOLE	1	3,129	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	1,788	72,919	SH	SOLE	1	72,919	0	0
IPG PHOTONICS CORP	COM	44980X109	1,899	12,312	SH	SOLE	1	12,312	0	0
IQIYI INC ADR	ADR	46267X108	31	1,500	SH	SOLE	1	1,500	0	0
IQVIA HOLDINGS INC	COM	46266C105	10,385	64,546	SH	SOLE	1	64,546	0	0
IRADIMED CORP	COM	46266A109	57	2,803	SH	SOLE	1	2,803	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,244	15,735	SH	SOLE	1	15,735	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	1,720	73,927	SH	SOLE	1	73,927	0	0
IROBOT CORP	COM	462726100	1,892	20,648	SH	SOLE	1	20,648	0	0
IRON MOUNTAIN INC	COM	46284V101	4,282	136,802	SH	SOLE	1	136,802	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	1,069	97,723	SH	SOLE	1	97,723	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	14,675	173,100	SH	SOLE	1	173,100	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	2,648	18,500	SH	SOLE	1	18,500	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	3,413	25,700	SH	SOLE	1	25,700	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	16,298	129,600	SH	SOLE	1	129,600	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	4,137	37,600	SH	SOLE	1	37,600	0	0
ISHARES CORE S&P SMALL CAP ETF	CORE S&P SCP ETF	464287804	934	11,931	SH	SOLE	1	11,931	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	17,785	143,000	SH	SOLE	1	143,000	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	69,207	1,052,900	SH	SOLE	1	1,052,900	0	0
ISHARES MSCI EMERGING MARKETS	MSCI EMG MKT ETF	464287234	3,644	84,917	SH	SOLE	1	84,917	0	0
ISHARES MSCI INDIA	MSCI	46429B598	4,179	118,386	SH	SOLE	1	118,386	0	0

ETF	INDIA ETF										
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	9,503	61,114	SH	SOLE	1	61,114	0	0	
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	1,311	9,194	SH	SOLE	1	9,194	0	0	
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	2,239	25,125	SH	SOLE	1	25,125	0	0	
ISHARES S&P 500 GROWTH ETF	S&P 500 GRWT ETF	464287309	1,058	5,904	SH	SOLE	1	5,904	0	0	
ISHARES S&P 500 VALUE ETF	S&P 500 VAL ETF	464287408	9,085	77,940	SH	SOLE	1	77,940	0	0	
ISRAMCO INC	COM	465141406	56	470	SH	SOLE	1	470	0	0	
ISTAR INC	COM	45031U101	580	46,690	SH	SOLE	1	46,690	0	0	
ITERIS INC	COM	46564T107	93	17,946	SH	SOLE	1	17,946	0	0	
ITRON INC	COM	465741106	1,603	25,619	SH	SOLE	1	25,619	0	0	
ITT INC	COM	45073V108	11,232	171,540	SH	SOLE	1	171,540	0	0	
J & J SNACK FOODS CORP	COM	466032109	1,824	11,330	SH	SOLE	1	11,330	0	0	
J ALEXANDER S HOLDINGS	COM	46609J106	92	8,164	SH	SOLE	1	8,164	0	0	
J. JILL INC	COM	46620W102	21	10,718	SH	SOLE	1	10,718	0	0	
J.C. PENNEY CO INC	COM	708160106	272	238,390	SH	SOLE	1	238,390	0	0	
J2 GLOBAL INC	COM	48123V102	10,644	119,739	SH	SOLE	1	119,739	0	0	
JABIL INC	COM	466313103	8,602	272,230	SH	SOLE	1	272,230	0	0	
JACK HENRY & ASSOCIATES INC	COM	426281101	3,591	26,815	SH	SOLE	1	26,815	0	0	
JACK IN THE BOX INC	COM	466367109	5,406	66,426	SH	SOLE	1	66,426	0	0	
JACOBS ENGINEERING GROUP INC	COM	469814107	3,367	39,897	SH	SOLE	1	39,897	0	0	
JAGGED PEAK ENERGY INC	COM	47009K107	344	41,649	SH	SOLE	1	41,649	0	0	
JBG SMITH PROPERTIES	COM	46590V100	9,277	235,814	SH	SOLE	1	235,814	0	0	
JD.COM INC ADR	ADR	47215P106	2,015	66,530	SH	SOLE	1	66,530	0	0	
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	4,929	256,329	SH	SOLE	1	256,329	0	0	
JELD WEN HOLDING INC	COM	47580P103	912	42,948	SH	SOLE	1	42,948	0	0	
JERNIGAN CAPITAL INC	COM	476405105	272	13,250	SH	SOLE	1	13,250	0	0	
JETBLUE AIRWAYS CORP	COM	477143101	10,876	588,190	SH	SOLE	1	588,190	0	0	
JM SMUCKER CO/THE	COM	832696405	5,272	45,767	SH	SOLE	1	45,767	0	0	
JOHN B. SANFILIPPO & SON INC	COM	800422107	517	6,487	SH	SOLE	1	6,487	0	0	
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2,839	23,438	SH	SOLE	1	23,438	0	0	
JOHNSON & JOHNSON	COM	478160104	136,982	983,501	SH	SOLE	1	983,501	0	0	
JOHNSON OUTDOORS INC A	COM	479167108	234	3,137	SH	SOLE	1	3,137	0	0	
JOINT CORP/THE	COM	47973J102	151	8,303	SH	SOLE	1	8,303	0	0	
JONES LANG LASALLE INC	COM	48020Q107	13,412	95,328	SH	SOLE	1	95,328	0	0	
JOUNCE THERAPEUTICS INC	COM	481116101	51	10,288	SH	SOLE	1	10,288	0	0	
JPMORGAN CHASE & CO	COM	46625H100	492,538	4,405,529	SH	SOLE	1	4,405,529	0	0	
JUNIPER NETWORKS INC	COM	48203R104	3,165	118,842	SH	SOLE	1	118,842	0	0	
K12 INC	COM	48273U102	746	24,520	SH	SOLE	1	24,520	0	0	
KADANT INC	COM	48282T104	634	6,987	SH	SOLE	1	6,987	0	0	
KADMON HOLDINGS INC	COM	48283N106	171	82,786	SH	SOLE	1	82,786	0	0	
KAISER ALUMINUM CORP	COM	483007704	1,172	12,008	SH	SOLE	1	12,008	0	0	
KALA	COM	483119103	89	13,885	SH	SOLE	1	13,885	0	0	

PHARMACEUTICALS INC										
KALEIDO BIOSCIENCES INC	COM	483347100	37	3,207	SH	SOLE	1	3,207	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	164	7,421	SH	SOLE	1	7,421	0	0
KAMAN CORP	COM	483548103	1,324	20,782	SH	SOLE	1	20,782	0	0
KANSAS CITY SOUTHERN	COM	485170302	4,173	34,255	SH	SOLE	1	34,255	0	0
KAR AUCTION SERVICES INC	COM	48238T109	885	35,410	SH	SOLE	1	35,410	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	220	36,723	SH	SOLE	1	36,723	0	0
KB HOME	COM	48666K109	5,602	217,718	SH	SOLE	1	217,718	0	0
KBR INC	COM	48242W106	9,082	364,161	SH	SOLE	1	364,161	0	0
KEANE GROUP INC	COM	48669A108	227	33,749	SH	SOLE	1	33,749	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	704	52,974	SH	SOLE	1	52,974	0	0
KELLOGG CO	COM	487836108	6,290	117,419	SH	SOLE	1	117,419	0	0
KELLY SERVICES INC A	COM	488152208	645	24,613	SH	SOLE	1	24,613	0	0
KEMET CORP	COM	488360207	805	42,808	SH	SOLE	1	42,808	0	0
KEMPER CORP	COM	488401100	10,543	122,177	SH	SOLE	1	122,177	0	0
KENNAMETAL INC	COM	489170100	7,837	211,863	SH	SOLE	1	211,863	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,605	78,035	SH	SOLE	1	78,035	0	0
KEYCORP	COM	493267108	7,518	423,544	SH	SOLE	1	423,544	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	5,793	64,506	SH	SOLE	1	64,506	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	76	9,891	SH	SOLE	1	9,891	0	0
KFORCE INC	COM	493732101	504	14,376	SH	SOLE	1	14,376	0	0
KILROY REALTY CORP	COM	49427F108	14,559	197,247	SH	SOLE	1	197,247	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	253	15,602	SH	SOLE	1	15,602	0	0
KIMBALL INTERNATIONAL B	COM	494274103	395	22,679	SH	SOLE	1	22,679	0	0
KIMBERLY CLARK CORP	COM	494368103	16,893	126,745	SH	SOLE	1	126,745	0	0
KIMCO REALTY CORP	COM	49446R109	2,687	145,417	SH	SOLE	1	145,417	0	0
KINDER MORGAN INC	COM	49456B101	17,542	840,117	SH	SOLE	1	840,117	0	0
KINDRED BIOSCIENCES INC	COM	494577109	196	23,552	SH	SOLE	1	23,552	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	1,144	12,507	SH	SOLE	1	12,507	0	0
KIRBY CORP	COM	497266106	8,328	105,418	SH	SOLE	1	105,418	0	0
KIRKLAND S INC	COM	497498105	4	1,613	SH	SOLE	1	1,613	0	0
KITE REALTY GROUP TRUST	COM	49803T300	942	62,256	SH	SOLE	1	62,256	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	320	16,059	SH	SOLE	1	16,059	0	0
KLA TENCOR CORP	COM	482480100	469,152	3,969,137	SH	SOLE	1	3,969,137	0	0
KLX ENERGY SERVICES HOLDING	COM	48253L106	324	15,873	SH	SOLE	1	15,873	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	8,766	266,940	SH	SOLE	1	266,940	0	0
KNOLL INC	COM	498904200	716	31,179	SH	SOLE	1	31,179	0	0
KNOWLES CORP	COM	49926D109	1,137	62,083	SH	SOLE	1	62,083	0	0
KODIAK SCIENCES INC	COM	50015M109	175	14,992	SH	SOLE	1	14,992	0	0
KOHL'S CORP	COM	500255104	2,661	55,954	SH	SOLE	1	55,954	0	0
KONTOOR BRANDS INC	COM	50050N103	937	33,420	SH	SOLE	1	33,420	0	0
KOPIN CORP	COM	500600101	8	7,665	SH	SOLE	1	7,665	0	0
KOPPERS HOLDINGS INC	COM	50060P106	420	14,318	SH	SOLE	1	14,318	0	0

KORN FERRY	COM	500643200	1,695	42,306	SH	SOLE	1	42,306	0	0
KOSMOS ENERGY LTD	COM	500688106	37	5,862	SH	SOLE	1	5,862	0	0
KRAFT HEINZ CO/THE	COM	500754106	218,225	7,030,455	SH	SOLE	1	7,030,455	0	0
KRATON CORP	COM	50077C106	732	23,550	SH	SOLE	1	23,550	0	0
KRATOS DEFENSE & SECURITY	COM	50077B207	1,312	57,307	SH	SOLE	1	57,307	0	0
KROGER CO	COM	501044101	7,296	336,051	SH	SOLE	1	336,051	0	0
KRONOS WORLDWIDE INC	COM	50105F105	221	14,404	SH	SOLE	1	14,404	0	0
KRYSTAL BIOTECH INC	COM	501147102	224	5,572	SH	SOLE	1	5,572	0	0
KULICKE & SOFFA INDUSTRIES	COM	501242101	167	7,405	SH	SOLE	1	7,405	0	0
KURA ONCOLOGY INC	COM	50127T109	363	18,428	SH	SOLE	1	18,428	0	0
KVH INDUSTRIES INC	COM	482738101	112	10,312	SH	SOLE	1	10,312	0	0
L BRANDS INC	COM	501797104	286,002	10,957,938	SH	SOLE	1	10,957,938	0	0
L3 TECHNOLOGIES INC	COM	502413107	6,288	25,646	SH	SOLE	1	25,646	0	0
LA JOLLA PHARMACEUTICAL CO	COM	503459604	122	13,170	SH	SOLE	1	13,170	0	0
LA Z BOY INC	COM	505336107	1,038	33,842	SH	SOLE	1	33,842	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	8,540	49,392	SH	SOLE	1	49,392	0	0
LADDER CAPITAL CORP REIT	COM	505743104	1,087	65,469	SH	SOLE	1	65,469	0	0
LADENBURG THALMANN FINANCIAL	COM	50575Q102	259	75,536	SH	SOLE	1	75,536	0	0
LAKELAND BANCORP INC	COM	511637100	500	30,989	SH	SOLE	1	30,989	0	0
LAKELAND FINANCIAL CORP	COM	511656100	734	15,669	SH	SOLE	1	15,669	0	0
LAM RESEARCH CORP	COM	512807108	480,137	2,556,098	SH	SOLE	1	2,556,098	0	0
LAMAR ADVERTISING CO A	COM	512816109	16,504	204,488	SH	SOLE	1	204,488	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	3,421	53,992	SH	SOLE	1	53,992	0	0
LANCASTER COLONY CORP	COM	513847103	7,409	49,859	SH	SOLE	1	49,859	0	0
LANDEC CORP	COM	514766104	146	15,542	SH	SOLE	1	15,542	0	0
LANDS END INC	COM	51509F105	83	6,754	SH	SOLE	1	6,754	0	0
LANDSTAR SYSTEM INC	COM	515098101	8,505	78,760	SH	SOLE	1	78,760	0	0
LANNETT CO INC	COM	516012101	145	24,000	SH	SOLE	1	24,000	0	0
LANTHEUS HOLDINGS INC	COM	516544103	812	28,683	SH	SOLE	1	28,683	0	0
LAREDO PETROLEUM INC	COM	516806106	384	132,244	SH	SOLE	1	132,244	0	0
LAS VEGAS SANDS CORP	COM	517834107	363,181	6,146,238	SH	SOLE	1	6,146,238	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	1,157	79,299	SH	SOLE	1	79,299	0	0
LAUREATE EDUCATION INC A	COM	518613203	1,854	118,004	SH	SOLE	1	118,004	0	0
LAWSON PRODUCTS INC	COM	520776105	98	2,656	SH	SOLE	1	2,656	0	0
LCI INDUSTRIES	COM	50189K103	1,653	18,367	SH	SOLE	1	18,367	0	0
LCNB CORPORATION	COM	50181P100	151	7,936	SH	SOLE	1	7,936	0	0
LEAF GROUP LTD	COM	52177G102	81	10,990	SH	SOLE	1	10,990	0	0
LEAR CORP	COM	521865204	1,112	7,982	SH	SOLE	1	7,982	0	0
LEE ENTERPRISES	COM	523768109	77	34,045	SH	SOLE	1	34,045	0	0
LEGACY HOUSING CORP	COM	52472M101	37	2,965	SH	SOLE	1	2,965	0	0
LEGACYTEXAS FINANCIAL GROUP	COM	52471Y106	1,456	35,774	SH	SOLE	1	35,774	0	0
LEGG MASON INC	COM	524901105	11,288	294,873	SH	SOLE	1	294,873	0	0
LEGGETT & PLATT INC	COM	524660107	1,739	45,320	SH	SOLE	1	45,320	0	0

LEIDOS HOLDINGS INC	COM	525327102	22,488	281,627	SH	SOLE	1	281,627	0	0
LEMAITRE VASCULAR INC	COM	525558201	339	12,104	SH	SOLE	1	12,104	0	0
LENDINGCLUB CORP	COM	52603A109	1,556	474,486	SH	SOLE	1	474,486	0	0
LENDINGTREE INC	COM	52603B107	6,158	14,661	SH	SOLE	1	14,661	0	0
LENNAR CORP B SHS	COM	526057302	12	307	SH	SOLE	1	307	0	0
LENNAR CORP A	COM	526057104	5,621	115,985	SH	SOLE	1	115,985	0	0
LENNOX INTERNATIONAL INC	COM	526107107	19,039	69,231	SH	SOLE	1	69,231	0	0
LEVEL ONE BANCORP INC	COM	52730D208	82	3,272	SH	SOLE	1	3,272	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	166	26,390	SH	SOLE	1	26,390	0	0
LEXINGTON REALTY TRUST	COM	529043101	1,595	169,510	SH	SOLE	1	169,510	0	0
LGI HOMES INC	COM	50187T106	1,063	14,880	SH	SOLE	1	14,880	0	0
LHC GROUP INC	COM	50187A107	2,688	22,478	SH	SOLE	1	22,478	0	0
LIBERTY BROADBAND A	COM	530307107	41	398	SH	SOLE	1	398	0	0
LIBERTY BROADBAND C	COM	530307305	178	1,710	SH	SOLE	1	1,710	0	0
LIBERTY EXPEDIA HOLD A	COM	53046P109	1,656	34,660	SH	SOLE	1	34,660	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	52	1,368	SH	SOLE	1	1,368	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	96	2,527	SH	SOLE	1	2,527	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	176	6,324	SH	SOLE	1	6,324	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	641	22,916	SH	SOLE	1	22,916	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	14	403	SH	SOLE	1	403	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	120	3,200	SH	SOLE	1	3,200	0	0
LIBERTY OILFIELD SERVICES A	COM	53115L104	460	28,443	SH	SOLE	1	28,443	0	0
LIBERTY PROPERTY TRUST	COM	531172104	14,496	289,692	SH	SOLE	1	289,692	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	573	46,175	SH	SOLE	1	46,175	0	0
LIFE STORAGE INC	COM	53223X107	8,662	91,107	SH	SOLE	1	91,107	0	0
LIFETIME BRANDS INC	COM	53222Q103	70	7,424	SH	SOLE	1	7,424	0	0
LIFEVANTAGE CORP	COM	53222K205	115	8,886	SH	SOLE	1	8,886	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	5,721	50,118	SH	SOLE	1	50,118	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	192	71,203	SH	SOLE	1	71,203	0	0
LIMONEIRA CO	COM	532746104	198	9,944	SH	SOLE	1	9,944	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	10,135	123,123	SH	SOLE	1	123,123	0	0
LINCOLN NATIONAL CORP	COM	534187109	5,416	84,037	SH	SOLE	1	84,037	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	262	14,597	SH	SOLE	1	14,597	0	0
LINDSAY CORP	COM	535555106	665	8,094	SH	SOLE	1	8,094	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	10	814	SH	SOLE	1	814	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	19	1,652	SH	SOLE	1	1,652	0	0
LIQUIDIA TECHNOLOGIES INC	COM	53635D202	68	8,535	SH	SOLE	1	8,535	0	0
LIQUIDITY SERVICES INC	COM	53635B107	125	20,469	SH	SOLE	1	20,469	0	0

LITHIA MOTORS INC CL A	COM	536797103	1,974	16,622	SH	SOLE	1	16,622	0	0
LITTELFUSE INC	COM	537008104	8,544	48,298	SH	SOLE	1	48,298	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	18,138	273,785	SH	SOLE	1	273,785	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	278	16,194	SH	SOLE	1	16,194	0	0
LIVENT CORP	COM	53814L108	760	109,898	SH	SOLE	1	109,898	0	0
LIVEPERSON INC	COM	538146101	1,275	45,478	SH	SOLE	1	45,478	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	8,583	177,050	SH	SOLE	1	177,050	0	0
LIVEXLIVE MEDIA INC	COM	53839L208	78	18,782	SH	SOLE	1	18,782	0	0
LKQ CORP	COM	501889208	3,412	128,229	SH	SOLE	1	128,229	0	0
LOCKHEED MARTIN CORP	COM	539830109	44,471	122,327	SH	SOLE	1	122,327	0	0
LOEWS CORP	COM	540424108	7,090	129,686	SH	SOLE	1	129,686	0	0
LOGICBIO THERAPEUTICS INC	COM	54142F102	69	5,316	SH	SOLE	1	5,316	0	0
LOGMEIN INC	COM	54142L109	7,171	97,330	SH	SOLE	1	97,330	0	0
LORAL SPACE & COMMUNICATIONS	COM	543881106	282	8,163	SH	SOLE	1	8,163	0	0
LOUISIANA PACIFIC CORP	COM	546347105	8,342	318,157	SH	SOLE	1	318,157	0	0
LOVESAC CO/THE	COM	54738L109	115	3,707	SH	SOLE	1	3,707	0	0
LOWE S COS INC	COM	548661107	28,907	286,460	SH	SOLE	1	286,460	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	166	2,031	SH	SOLE	1	2,031	0	0
LSB INDUSTRIES INC	COM	502160104	65	16,625	SH	SOLE	1	16,625	0	0
LSC COMMUNICATIONS INC	COM	50218P107	90	24,643	SH	SOLE	1	24,643	0	0
LTC PROPERTIES INC	COM	502175102	1,350	29,564	SH	SOLE	1	29,564	0	0
LULULEMON ATHLETICA INC	COM	550021109	1,868	10,366	SH	SOLE	1	10,366	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	247	21,403	SH	SOLE	1	21,403	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	10,505	196,679	SH	SOLE	1	196,679	0	0
LUMINEX CORP	COM	55027E102	650	31,487	SH	SOLE	1	31,487	0	0
LUTHER BURBANK CORP	COM	550550107	138	12,690	SH	SOLE	1	12,690	0	0
LYDALL INC	COM	550819106	259	12,840	SH	SOLE	1	12,840	0	0
LYFT INC A	COM	55087P104	37	557	SH	SOLE	1	557	0	0
M & T BANK CORP	COM	55261F104	9,952	58,517	SH	SOLE	1	58,517	0	0
M/I HOMES INC	COM	55305B101	572	20,025	SH	SOLE	1	20,025	0	0
MACATAWA BANK CORP	COM	554225102	170	16,539	SH	SOLE	1	16,539	0	0
MACERICH CO/THE	COM	554382101	1,244	37,144	SH	SOLE	1	37,144	0	0
MACK CALI REALTY CORP	COM	554489104	5,420	232,707	SH	SOLE	1	232,707	0	0
MACKINAC FINANCIAL CORP	COM	554571109	93	5,862	SH	SOLE	1	5,862	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	442	29,218	SH	SOLE	1	29,218	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	48	1,189	SH	SOLE	1	1,189	0	0
MACROGENICS INC	COM	556099109	514	30,308	SH	SOLE	1	30,308	0	0
MACY S INC	COM	55616P104	231,574	10,790,946	SH	SOLE	1	10,790,946	0	0
MADISON SQUARE GARDEN CO A	COM	55825T103	88	315	SH	SOLE	1	315	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	521	4,969	SH	SOLE	1	4,969	0	0
MAGELLAN HEALTH INC	COM	559079207	1,224	16,489	SH	SOLE	1	16,489	0	0

MAGENTA THERAPEUTICS INC	COM	55910K108	183	12,382	SH	SOLE	1	12,382	0	0
MAGNOLIA OIL & GAS CORP A	COM	559663109	745	64,262	SH	SOLE	1	64,262	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	103	4,514	SH	SOLE	1	4,514	0	0
MAJESCO	COM	56068V102	45	4,824	SH	SOLE	1	4,824	0	0
MALIBU BOATS INC A	COM	56117J100	512	13,190	SH	SOLE	1	13,190	0	0
MALVERN BANCORP INC	COM	561409103	106	4,803	SH	SOLE	1	4,803	0	0
MAMMOTH ENERGY SERVICES INC	COM	56155L108	57	8,264	SH	SOLE	1	8,264	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	8,786	126,730	SH	SOLE	1	126,730	0	0
MANITOWOC COMPANY INC	COM	563571405	402	22,589	SH	SOLE	1	22,589	0	0
MANNKIND CORP	COM	56400P706	137	119,225	SH	SOLE	1	119,225	0	0
MANPOWERGROUP INC	COM	56418H100	13,411	138,832	SH	SOLE	1	138,832	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	1,322	20,071	SH	SOLE	1	20,071	0	0
MARATHON OIL CORP	COM	565849106	5,129	360,952	SH	SOLE	1	360,952	0	0
MARATHON PETROLEUM CORP	COM	56585A102	12,970	232,104	SH	SOLE	1	232,104	0	0
MARCHEX INC CLASS B	COM	56624R108	104	22,046	SH	SOLE	1	22,046	0	0
MARCUS & MILLICHAP INC	COM	566324109	526	17,049	SH	SOLE	1	17,049	0	0
MARCUS CORPORATION	COM	566330106	551	16,709	SH	SOLE	1	16,709	0	0
MARINE PRODUCTS CORP	COM	568427108	73	4,697	SH	SOLE	1	4,697	0	0
MARINEMAX INC	COM	567908108	275	16,736	SH	SOLE	1	16,736	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q101	132	31,907	SH	SOLE	1	31,907	0	0
MARKEL CORP	COM	570535104	251	230	SH	SOLE	1	230	0	0
MARKER THERAPEUTICS INC	COM	57055L107	137	17,230	SH	SOLE	1	17,230	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	4,148	12,904	SH	SOLE	1	12,904	0	0
MARLIN BUSINESS SERVICES INC	COM	571157106	139	5,574	SH	SOLE	1	5,574	0	0
MARRIOTT INTERNATIONAL CL A	COM	571903202	15,437	110,036	SH	SOLE	1	110,036	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	9,992	103,649	SH	SOLE	1	103,649	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	49	32,991	SH	SOLE	1	32,991	0	0
MARSH & MCLENNAN COS	COM	571748102	18,920	189,670	SH	SOLE	1	189,670	0	0
MARTEN TRANSPORT LTD	COM	573075108	533	29,364	SH	SOLE	1	29,364	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	5,797	25,192	SH	SOLE	1	25,192	0	0
MASCO CORP	COM	574599106	3,919	99,871	SH	SOLE	1	99,871	0	0
MASIMO CORP	COM	574795100	14,326	96,261	SH	SOLE	1	96,261	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	834	15,831	SH	SOLE	1	15,831	0	0
MASTEC INC	COM	576323109	8,136	157,891	SH	SOLE	1	157,891	0	0
MASTERCARD INC A	COM	57636Q104	86,660	327,599	SH	SOLE	1	327,599	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	229	11,707	SH	SOLE	1	11,707	0	0
MATADOR RESOURCES CO	COM	576485205	5,401	271,682	SH	SOLE	1	271,682	0	0
MATCH GROUP INC	COM	57665R106	90	1,338	SH	SOLE	1	1,338	0	0
MATERION CORP	COM	576690101	1,033	15,227	SH	SOLE	1	15,227	0	0

MATRIX SERVICE CO	COM	576853105	404	19,945	SH	SOLE	1	19,945	0	0
MATSON INC	COM	57686G105	1,240	31,909	SH	SOLE	1	31,909	0	0
MATTEL INC	COM	577081102	7,587	676,797	SH	SOLE	1	676,797	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	809	23,220	SH	SOLE	1	23,220	0	0
MAUI LAND & PINEAPPLE CO	COM	577345101	44	4,293	SH	SOLE	1	4,293	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	297	38,003	SH	SOLE	1	38,003	0	0
MAXIM INTEGRATED PRODUCTS	COM	57772K101	406,549	6,796,202	SH	SOLE	1	6,796,202	0	0
MAXIMUS INC	COM	577933104	11,903	164,092	SH	SOLE	1	164,092	0	0
MAXLINEAR INC	COM	57776J100	1,143	48,771	SH	SOLE	1	48,771	0	0
MAYVILLE ENGINEERING CO INC	COM	578605107	55	4,009	SH	SOLE	1	4,009	0	0
MBIA INC	COM	55262C100	502	53,895	SH	SOLE	1	53,895	0	0
MBT FINANCIAL CORP	COM	578877102	232	23,125	SH	SOLE	1	23,125	0	0
MCCORMICK & CO NON VTG SHRS	COM	579780206	7,496	48,361	SH	SOLE	1	48,361	0	0
MCDERMOTT INTL INC	COM	580037703	4,515	467,377	SH	SOLE	1	467,377	0	0
MCDONALD S CORP	COM	580135101	67,119	323,217	SH	SOLE	1	323,217	0	0
MCGRATH RENTCORP	COM	580589109	957	15,395	SH	SOLE	1	15,395	0	0
MCKESSON CORP	COM	58155Q103	10,495	78,090	SH	SOLE	1	78,090	0	0
MDC HOLDINGS INC	COM	552676108	1,218	37,169	SH	SOLE	1	37,169	0	0
MDC PARTNERS INC A	COM	552697104	91	35,972	SH	SOLE	1	35,972	0	0
MDU RESOURCES GROUP INC	COM	552690109	9,984	386,986	SH	SOLE	1	386,986	0	0
MEDALLION FINANCIAL CORP	COM	583928106	89	13,120	SH	SOLE	1	13,120	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	13,439	770,564	SH	SOLE	1	770,564	0	0
MEDICINES COMPANY	COM	584688105	1,922	52,700	SH	SOLE	1	52,700	0	0
MEDICINOVA INC	COM	58468P206	252	26,176	SH	SOLE	1	26,176	0	0
MEDIDATA SOLUTIONS INC	COM	58471A105	11,052	122,107	SH	SOLE	1	122,107	0	0
MEDIFAST INC	COM	58470H101	1,100	8,573	SH	SOLE	1	8,573	0	0
MEDNAX INC	COM	58502B106	4,265	169,034	SH	SOLE	1	169,034	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	1,343	20,530	SH	SOLE	1	20,530	0	0
MEET GROUP INC/THE	COM	58513U101	161	46,257	SH	SOLE	1	46,257	0	0
MEI PHARMA INC	COM	55279B202	109	43,332	SH	SOLE	1	43,332	0	0
MELCO RESORTS & ENTERT ADR	ADR	585464100	486	22,380	SH	SOLE	1	22,380	0	0
MENLO THERAPEUTICS INC	COM	586858102	59	9,848	SH	SOLE	1	9,848	0	0
MERCADOLIBRE INC	COM	58733R102	1,836	3,001	SH	SOLE	1	3,001	0	0
MERCANTILE BANK CORP	COM	587376104	332	10,201	SH	SOLE	1	10,201	0	0
MERCER INTERNATIONAL INC	COM	588056101	76	4,935	SH	SOLE	1	4,935	0	0
MERCHANTS BANCORP/IN	COM	58844R108	93	5,481	SH	SOLE	1	5,481	0	0
MERCK & CO. INC.	COM	58933Y105	83,712	998,359	SH	SOLE	1	998,359	0	0
MERCURY GENERAL CORP	COM	589400100	3,312	52,996	SH	SOLE	1	52,996	0	0
MERCURY SYSTEMS INC	COM	589378108	2,831	40,243	SH	SOLE	1	40,243	0	0
MEREDITH CORP	COM	589433101	5,669	102,954	SH	SOLE	1	102,954	0	0
MERIDIAN BANCORP INC	COM	58958U103	546	30,508	SH	SOLE	1	30,508	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	376	31,635	SH	SOLE	1	31,635	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	2,402	40,335	SH	SOLE	1	40,335	0	0

MERITAGE HOMES CORP	COM	59001A102	1,393	27,136	SH	SOLE	1	27,136	0	0
MERITOR INC	COM	59001K100	1,237	51,020	SH	SOLE	1	51,020	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	92	22,837	SH	SOLE	1	22,837	0	0
MESA AIR GROUP INC	COM	590479135	121	13,230	SH	SOLE	1	13,230	0	0
MESA LABORATORIES INC	COM	59064R109	629	2,575	SH	SOLE	1	2,575	0	0
META FINANCIAL GROUP INC	COM	59100U108	744	26,528	SH	SOLE	1	26,528	0	0
METHODE ELECTRONICS INC	COM	591520200	784	27,452	SH	SOLE	1	27,452	0	0
METLIFE INC	COM	59156R108	15,533	312,731	SH	SOLE	1	312,731	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	196	4,461	SH	SOLE	1	4,461	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	7,939	9,451	SH	SOLE	1	9,451	0	0
MFA FINANCIAL INC	COM	55272X102	52	7,270	SH	SOLE	1	7,270	0	0
MGE ENERGY INC	COM	55277P104	1,622	22,196	SH	SOLE	1	22,196	0	0
MGIC INVESTMENT CORP	COM	552848103	1,933	147,129	SH	SOLE	1	147,129	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	5,049	176,724	SH	SOLE	1	176,724	0	0
MGP INGREDIENTS INC	COM	55303J106	644	9,707	SH	SOLE	1	9,707	0	0
MICHAELS COS INC/THE	COM	59408Q106	1,993	229,020	SH	SOLE	1	229,020	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	8,811	101,632	SH	SOLE	1	101,632	0	0
MICRON TECHNOLOGY INC	COM	595112103	18,892	489,547	SH	SOLE	1	489,547	0	0
MICROSOFT CORP	COM	594918104	417,035	3,113,132	SH	SOLE	1	3,113,132	0	0
MICROSTRATEGY INC CL A	COM	594972408	888	6,195	SH	SOLE	1	6,195	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	4,554	38,675	SH	SOLE	1	38,675	0	0
MID PENN BANCORP INC	COM	59540G107	109	4,383	SH	SOLE	1	4,383	0	0
MIDDLEBY CORP	COM	596278101	184	1,354	SH	SOLE	1	1,354	0	0
MIDDLESEX WATER CO	COM	596680108	604	10,195	SH	SOLE	1	10,195	0	0
MIDLAND STATES BANCORP INC	COM	597742105	368	13,775	SH	SOLE	1	13,775	0	0
MIDSOUTH BANCORP INC	COM	598039105	118	9,993	SH	SOLE	1	9,993	0	0
MIDSTATES PETROLEUM CO INC	COM	59804T407	370	62,736	SH	SOLE	1	62,736	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	211	7,547	SH	SOLE	1	7,547	0	0
MILACRON HOLDINGS CORP	COM	59870L106	602	43,644	SH	SOLE	1	43,644	0	0
MILLENDO THERAPEUTICS INC	COM	60040X103	69	5,971	SH	SOLE	1	5,971	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	216	7,026	SH	SOLE	1	7,026	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	4,852	90,671	SH	SOLE	1	90,671	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	106	18,802	SH	SOLE	1	18,802	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	1,636	15,887	SH	SOLE	1	15,887	0	0
MISONIX INC	COM	604871103	119	4,677	SH	SOLE	1	4,677	0	0
MISTRAS GROUP INC	COM	60649T107	164	11,446	SH	SOLE	1	11,446	0	0
MITEK SYSTEMS INC	COM	606710200	233	23,459	SH	SOLE	1	23,459	0	0
MKS INSTRUMENTS INC	COM	55306N104	8,272	106,195	SH	SOLE	1	106,195	0	0
MMA CAPITAL HOLDINGS INC	COM	55315D105	104	3,121	SH	SOLE	1	3,121	0	0

MOBILE MINI INC	COM	60740F105	1,021	33,568	SH	SOLE	1	33,568	0	0
MOBILE TELESYSTEMS SP ADR	ADR	607409109	61	6,595	SH	SOLE	1	6,595	0	0
MOBILEIRON INC	COM	60739U204	377	60,814	SH	SOLE	1	60,814	0	0
MODEL N INC	COM	607525102	403	20,643	SH	SOLE	1	20,643	0	0
MODERNA INC	COM	60770K107	9	623	SH	SOLE	1	623	0	0
MODINE MANUFACTURING CO	COM	607828100	451	31,492	SH	SOLE	1	31,492	0	0
MOELIS & CO CLASS A	COM	60786M105	1,055	30,197	SH	SOLE	1	30,197	0	0
MOHAWK INDUSTRIES INC	COM	608190104	3,130	21,222	SH	SOLE	1	21,222	0	0
MOLECULAR TEMPLATES INC	COM	608550109	90	10,825	SH	SOLE	1	10,825	0	0
MOLINA HEALTHCARE INC	COM	60855R100	18,169	126,930	SH	SOLE	1	126,930	0	0
MOLSON COORS BREWING CO B	COM	60871R209	3,618	64,614	SH	SOLE	1	64,614	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	920	73,880	SH	SOLE	1	73,880	0	0
MOMO INC SPON ADR	ADR	60879B107	64	1,780	SH	SOLE	1	1,780	0	0
MONARCH CASINO & RESORT INC	COM	609027107	366	8,561	SH	SOLE	1	8,561	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	30,273	561,652	SH	SOLE	1	561,652	0	0
MONGODB INC	COM	60937P106	89	585	SH	SOLE	1	585	0	0
MONMOUTH REAL ESTATE INV COR	COM	609720107	786	57,977	SH	SOLE	1	57,977	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	10,560	77,774	SH	SOLE	1	77,774	0	0
MONOTYPE IMAGING HOLDINGS IN	COM	61022P100	513	30,436	SH	SOLE	1	30,436	0	0
MONRO INC	COM	610236101	2,093	24,539	SH	SOLE	1	24,539	0	0
MONSTER BEVERAGE CORP	COM	61174X109	11,272	176,590	SH	SOLE	1	176,590	0	0
MONTAGE RESOURCES CORP	COM	61179L100	83	13,603	SH	SOLE	1	13,603	0	0
MOODY S CORP	COM	615369105	12,916	66,132	SH	SOLE	1	66,132	0	0
MOOG INC CLASS A	COM	615394202	2,260	24,145	SH	SOLE	1	24,145	0	0
MORGAN STANLEY	COM	617446448	18,431	420,704	SH	SOLE	1	420,704	0	0
MORNINGSTAR INC	COM	617700109	69	480	SH	SOLE	1	480	0	0
MOSAIC CO/THE	COM	61945C103	3,500	139,818	SH	SOLE	1	139,818	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	300	14,029	SH	SOLE	1	14,029	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	9,944	59,639	SH	SOLE	1	59,639	0	0
MOVADO GROUP INC	COM	624580106	321	11,884	SH	SOLE	1	11,884	0	0
MR COOPER GROUP INC	COM	62482R107	388	48,398	SH	SOLE	1	48,398	0	0
MRC GLOBAL INC	COM	55345K103	866	50,568	SH	SOLE	1	50,568	0	0
MSA SAFETY INC	COM	553498106	9,556	90,668	SH	SOLE	1	90,668	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	7,519	101,255	SH	SOLE	1	101,255	0	0
MSCI INC	COM	55354G100	7,941	33,256	SH	SOLE	1	33,256	0	0
MSG NETWORKS INC A	COM	553573106	772	37,214	SH	SOLE	1	37,214	0	0
MTS SYSTEMS CORP	COM	553777103	788	13,466	SH	SOLE	1	13,466	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,221	41,722	SH	SOLE	1	41,722	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	980	99,814	SH	SOLE	1	99,814	0	0
MULTI COLOR CORP	COM	625383104	530	10,614	SH	SOLE	1	10,614	0	0
MURPHY OIL CORP	COM	626717102	7,861	318,903	SH	SOLE	1	318,903	0	0
MURPHY USA INC	COM	626755102	6,500	77,358	SH	SOLE	1	77,358	0	0
MUSTANG BIO INC	COM	62818Q104	65	17,701	SH	SOLE	1	17,701	0	0

MUTUALFIRST FINANCIAL INC	COM	62845B104	128	3,764	SH	SOLE	1	3,764	0	0
MVB FINANCIAL CORP	COM	553810102	102	6,000	SH	SOLE	1	6,000	0	0
MYERS INDUSTRIES INC	COM	628464109	513	26,596	SH	SOLE	1	26,596	0	0
MYOKARDIA INC	COM	62857M105	1,417	28,252	SH	SOLE	1	28,252	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	453	12,128	SH	SOLE	1	12,128	0	0
MYRIAD GENETICS INC	COM	62855J104	1,471	52,959	SH	SOLE	1	52,959	0	0
N B T BANCORP INC	COM	628778102	1,205	32,133	SH	SOLE	1	32,133	0	0
NACCO INDUSTRIES CL A	COM	629579103	122	2,346	SH	SOLE	1	2,346	0	0
NANOMETRICS INC	COM	630077105	610	17,565	SH	SOLE	1	17,565	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	638	21,019	SH	SOLE	1	21,019	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	218	7,355	SH	SOLE	1	7,355	0	0
NASDAQ INC	COM	631103108	7,533	78,327	SH	SOLE	1	78,327	0	0
NATERA INC	COM	632307104	981	35,579	SH	SOLE	1	35,579	0	0
NATHAN S FAMOUS INC	COM	632347100	144	1,840	SH	SOLE	1	1,840	0	0
NATIONAL BANK HOLD CL A	COM	633707104	789	21,723	SH	SOLE	1	21,723	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	156	4,016	SH	SOLE	1	4,016	0	0
NATIONAL BEVERAGE CORP	COM	635017106	335	7,510	SH	SOLE	1	7,510	0	0
NATIONAL CINEMEDIA INC	COM	635309107	260	39,620	SH	SOLE	1	39,620	0	0
NATIONAL FUEL GAS CO	COM	636180101	8,891	168,549	SH	SOLE	1	168,549	0	0
NATIONAL GENERAL HLDGS	COM	636220303	989	43,101	SH	SOLE	1	43,101	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	631	7,772	SH	SOLE	1	7,772	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	9,210	219,340	SH	SOLE	1	219,340	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	3,476	156,369	SH	SOLE	1	156,369	0	0
NATIONAL PRESTO INDS INC	COM	637215104	349	3,737	SH	SOLE	1	3,737	0	0
NATIONAL RESEARCH CORP	COM	637372202	441	7,649	SH	SOLE	1	7,649	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	16,848	317,828	SH	SOLE	1	317,828	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	1,235	42,681	SH	SOLE	1	42,681	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	1,345	43,765	SH	SOLE	1	43,765	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	373	1,451	SH	SOLE	1	1,451	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	2,077	26,623	SH	SOLE	1	26,623	0	0
NATURAL GAS SERVICES GROUP	COM	63886Q109	132	7,996	SH	SOLE	1	7,996	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	58	5,763	SH	SOLE	1	5,763	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	52	5,562	SH	SOLE	1	5,562	0	0
NATUS MEDICAL INC	COM	639050103	651	25,326	SH	SOLE	1	25,326	0	0
NAUTILUS INC	COM	63910B102	7	3,379	SH	SOLE	1	3,379	0	0
NAVIENT CORP	COM	63938C108	5,680	416,082	SH	SOLE	1	416,082	0	0
NAVIGANT CONSULTING INC	COM	63935N107	678	29,245	SH	SOLE	1	29,245	0	0
NAVISTAR INTERNATIONAL CORP	COM	63934E108	1,086	31,532	SH	SOLE	1	31,532	0	0
NCR CORPORATION	COM	62886E108	7,328	235,633	SH	SOLE	1	235,633	0	0

NCS MULTISTAGE HOLDINGS INC	COM	628877102	26	7,303	SH	SOLE	1	7,303	0	0
NEENAH INC	COM	640079109	849	12,566	SH	SOLE	1	12,566	0	0
NEKTAR THERAPEUTICS	COM	640268108	2,681	75,362	SH	SOLE	1	75,362	0	0
NELNET INC CL A	COM	64031N108	674	11,384	SH	SOLE	1	11,384	0	0
NEOGEN CORP	COM	640491106	2,394	38,539	SH	SOLE	1	38,539	0	0
NEOGENOMICS INC	COM	64049M209	1,477	67,323	SH	SOLE	1	67,323	0	0
NEON THERAPEUTICS INC	COM	64050Y100	43	8,991	SH	SOLE	1	8,991	0	0
NEOPHOTONICS CORP	COM	64051T100	101	24,116	SH	SOLE	1	24,116	0	0
NETAPP INC	COM	64110D104	6,471	104,876	SH	SOLE	1	104,876	0	0
NETEASE INC ADR	ADR	64110W102	1,386	5,420	SH	SOLE	1	5,420	0	0
NETFLIX INC	COM	64110L106	67,542	183,879	SH	SOLE	1	183,879	0	0
NETGEAR INC	COM	64111Q104	591	23,376	SH	SOLE	1	23,376	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	4,636	182,581	SH	SOLE	1	182,581	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	187	2,209	SH	SOLE	1	2,209	0	0
NEURONETICS INC	COM	64131A105	104	8,335	SH	SOLE	1	8,335	0	0
NEVRO CORP	COM	64157F103	1,219	18,796	SH	SOLE	1	18,796	0	0
NEW AGE BEVERAGES CORP	COM	64157V108	215	45,997	SH	SOLE	1	45,997	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	11,415	229,348	SH	SOLE	1	229,348	0	0
NEW MEDIA INVESTMENT GROUP	COM	64704V106	418	44,325	SH	SOLE	1	44,325	0	0
NEW ORIENTAL EDUCATIO SP ADR	ADR	647581107	193	2,001	SH	SOLE	1	2,001	0	0
NEW RELIC INC	COM	64829B100	99	1,144	SH	SOLE	1	1,144	0	0
NEW RESIDENTIAL INVESTMENT	COM	64828T201	103	6,721	SH	SOLE	1	6,721	0	0
NEW SENIOR INVESTMENT GROUP	COM	648691103	354	52,655	SH	SOLE	1	52,655	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	9,110	912,866	SH	SOLE	1	912,866	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	969	156,283	SH	SOLE	1	156,283	0	0
NEW YORK TIMES CO A	COM	650111107	9,073	278,145	SH	SOLE	1	278,145	0	0
NEWELL BRANDS INC	COM	651229106	2,037	132,087	SH	SOLE	1	132,087	0	0
NEWMARK GROUP INC W/I	COM	65158N102	820	91,319	SH	SOLE	1	91,319	0	0
NEWMARKET CORP	COM	651587107	6,844	17,071	SH	SOLE	1	17,071	0	0
NEWMONT GOLDCORP CORP	COM	651639106	10,886	282,971	SH	SOLE	1	282,971	0	0
NEWPARK RESOURCES INC	COM	651718504	496	66,880	SH	SOLE	1	66,880	0	0
NEWS CORP CLASS A	COM	65249B109	1,795	133,093	SH	SOLE	1	133,093	0	0
NEWS CORP CLASS B	COM	65249B208	596	42,692	SH	SOLE	1	42,692	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	493	11,907	SH	SOLE	1	11,907	0	0
NEXSTAR MEDIA GROUP INC CL A	COM	65336K103	102	1,010	SH	SOLE	1	1,010	0	0
NEXTCURE INC	COM	65343E108	28	1,838	SH	SOLE	1	1,838	0	0
NEXTDECADE CORP	COM	65342K105	46	7,268	SH	SOLE	1	7,268	0	0
NEXTERA ENERGY INC	COM	65339F101	31,243	152,510	SH	SOLE	1	152,510	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	793	39,858	SH	SOLE	1	39,858	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	63	4,277	SH	SOLE	1	4,277	0	0
NI HOLDINGS INC	COM	65342T106	107	6,067	SH	SOLE	1	6,067	0	0
NIC INC	COM	62914B100	793	49,434	SH	SOLE	1	49,434	0	0
NICOLET BANKSHARES	COM	65406E102	323	5,211	SH	SOLE	1	5,211	0	0

INC										
NII HOLDINGS INC	COM	62913F508	96	56,931	SH	SOLE	1	56,931	0	0
NIKE INC CL B	COM	654106103	34,145	406,729	SH	SOLE	1	406,729	0	0
NINE ENERGY SERVICE INC	COM	65441V101	175	10,107	SH	SOLE	1	10,107	0	0
NIO INC ADR	ADR	62914V106	19	7,500	SH	SOLE	1	7,500	0	0
NISOURCE INC	COM	65473P105	4,041	140,319	SH	SOLE	1	140,319	0	0
NL INDUSTRIES	COM	629156407	19	5,319	SH	SOLE	1	5,319	0	0
NLIGHT INC	COM	65487K100	396	20,633	SH	SOLE	1	20,633	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,394	49,113	SH	SOLE	1	49,113	0	0
NN INC	COM	629337106	260	26,676	SH	SOLE	1	26,676	0	0
NOAH HOLDINGS LTD SPON ADS	ADR	65487X102	13	300	SH	SOLE	1	300	0	0
NOBLE ENERGY INC	COM	655044105	4,596	205,170	SH	SOLE	1	205,170	0	0
NOODLES & CO	COM	65540B105	143	18,155	SH	SOLE	1	18,155	0	0
NORDSON CORP	COM	655663102	14,349	101,540	SH	SOLE	1	101,540	0	0
NORDSTROM INC	COM	655664100	2,004	62,901	SH	SOLE	1	62,901	0	0
NORFOLK SOUTHERN CORP	COM	655844108	19,464	97,649	SH	SOLE	1	97,649	0	0
NORTHEAST BANK	COM	66405S100	131	4,765	SH	SOLE	1	4,765	0	0
NORTHERN OIL AND GAS INC	COM	665531109	343	177,627	SH	SOLE	1	177,627	0	0
NORTHERN TRUST CORP	COM	665859104	8,039	89,326	SH	SOLE	1	89,326	0	0
NORTHFIELD BANCORP INC	COM	66611T108	522	33,440	SH	SOLE	1	33,440	0	0
NORTHRIM BANCORP INC	COM	666762109	153	4,296	SH	SOLE	1	4,296	0	0
NORTHROP GRUMMAN CORP	COM	666807102	18,054	55,875	SH	SOLE	1	55,875	0	0
NORTHSTAR REALTY EUROPE CORP	COM	66706L101	556	33,848	SH	SOLE	1	33,848	0	0
NORTHWEST BANCSHARES INC	COM	667340103	1,337	75,926	SH	SOLE	1	75,926	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	1,513	21,772	SH	SOLE	1	21,772	0	0
NORTHWEST PIPE CO	COM	667746101	157	6,084	SH	SOLE	1	6,084	0	0
NORTHWESTERN CORP	COM	668074305	9,376	129,946	SH	SOLE	1	129,946	0	0
NORWOOD FINANCIAL CORP	COM	669549107	128	3,671	SH	SOLE	1	3,671	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	871	147,183	SH	SOLE	1	147,183	0	0
NOVANTA INC	COM	67000B104	2,019	21,415	SH	SOLE	1	21,415	0	0
NOVAVAX INC	COM	670002401	87	14,921	SH	SOLE	1	14,921	0	0
NOW INC	COM	67011P100	4,126	279,527	SH	SOLE	1	279,527	0	0
NRC GROUP HOLDINGS CORP	COM	629375106	72	6,453	SH	SOLE	1	6,453	0	0
NRG ENERGY INC	COM	629377508	4,524	128,814	SH	SOLE	1	128,814	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	5,346	108,399	SH	SOLE	1	108,399	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	75	4,705	SH	SOLE	1	4,705	0	0
NUCOR CORP	COM	670346105	10,512	190,773	SH	SOLE	1	190,773	0	0
NUTANIX INC A	COM	67059N108	89	3,421	SH	SOLE	1	3,421	0	0
NUVASIVE INC	COM	670704105	7,818	133,555	SH	SOLE	1	133,555	0	0
NV5 GLOBAL INC	COM	62945V109	527	6,479	SH	SOLE	1	6,479	0	0
NVE CORP	COM	629445206	211	3,034	SH	SOLE	1	3,034	0	0
NVIDIA CORP	COM	67066G104	41,650	253,608	SH	SOLE	1	253,608	0	0
NVR INC	COM	62944T105	22,298	6,616	SH	SOLE	1	6,616	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	12,774	34,588	SH	SOLE	1	34,588	0	0

OAK VALLEY BANCORP	COM	671807105	85	4,352	SH	SOLE	1	4,352	0	0
OASIS PETROLEUM INC	COM	674215108	4,131	727,213	SH	SOLE	1	727,213	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	16,373	325,628	SH	SOLE	1	325,628	0	0
OCEANEERING INTL INC	COM	675232102	5,193	254,683	SH	SOLE	1	254,683	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	799	32,139	SH	SOLE	1	32,139	0	0
OCH ZIFF CAPITAL MANAGE A	COM	67551U204	246	10,712	SH	SOLE	1	10,712	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	105	23,929	SH	SOLE	1	23,929	0	0
OCWEN FINANCIAL CORP	COM	675746309	177	85,638	SH	SOLE	1	85,638	0	0
ODONATE THERAPEUTICS INC	COM	676079106	181	4,932	SH	SOLE	1	4,932	0	0
OFFICE DEPOT INC	COM	676220106	1,101	534,345	SH	SOLE	1	534,345	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	941	35,816	SH	SOLE	1	35,816	0	0
OFG BANCORP	COM	67103X102	2,052	86,340	SH	SOLE	1	86,340	0	0
OGE ENERGY CORP	COM	670837103	16,645	391,091	SH	SOLE	1	391,091	0	0
OHIO VALLEY BANC CORP	COM	677719106	102	2,633	SH	SOLE	1	2,633	0	0
OIL DRI CORP OF AMERICA	COM	677864100	112	3,295	SH	SOLE	1	3,295	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	823	44,981	SH	SOLE	1	44,981	0	0
OKTA INC	COM	679295105	308	2,496	SH	SOLE	1	2,496	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	18,921	126,765	SH	SOLE	1	126,765	0	0
OLD LINE BANCSHARES INC	COM	67984M100	258	9,694	SH	SOLE	1	9,694	0	0
OLD NATIONAL BANCORP	COM	680033107	2,108	127,066	SH	SOLE	1	127,066	0	0
OLD REPUBLIC INTL CORP	COM	680223104	12,451	556,335	SH	SOLE	1	556,335	0	0
OLD SECOND BANCORP INC	COM	680277100	236	18,442	SH	SOLE	1	18,442	0	0
OLIN CORP	COM	680665205	7,057	322,094	SH	SOLE	1	322,094	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	8,898	102,150	SH	SOLE	1	102,150	0	0
OLYMPIC STEEL INC	COM	68162K106	94	6,905	SH	SOLE	1	6,905	0	0
OMEGA FLEX INC	COM	682095104	142	1,844	SH	SOLE	1	1,844	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	15,403	419,121	SH	SOLE	1	419,121	0	0
OMEROS CORP	COM	682143102	464	29,598	SH	SOLE	1	29,598	0	0
OMNICELL INC	COM	68213N109	2,647	30,766	SH	SOLE	1	30,766	0	0
OMNICOM GROUP	COM	681919106	416,989	5,088,338	SH	SOLE	1	5,088,338	0	0
OMNOVA SOLUTIONS INC	COM	682129101	174	27,859	SH	SOLE	1	27,859	0	0
ON DECK CAPITAL INC	COM	682163100	175	42,272	SH	SOLE	1	42,272	0	0
ON SEMICONDUCTOR CORP	COM	682189105	134	6,608	SH	SOLE	1	6,608	0	0
ONCOCYTE CORP	COM	68235C107	34	13,668	SH	SOLE	1	13,668	0	0
ONE GAS INC	COM	68235P108	12,219	135,316	SH	SOLE	1	135,316	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	284	9,790	SH	SOLE	1	9,790	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	36	1,056	SH	SOLE	1	1,056	0	0
ONEOK INC	COM	682680103	12,540	182,242	SH	SOLE	1	182,242	0	0
ONESPAN INC	COM	68287N100	346	24,401	SH	SOLE	1	24,401	0	0
OOMA INC	COM	683416101	129	12,336	SH	SOLE	1	12,336	0	0
OP BANCORP	COM	67109R109	89	8,252	SH	SOLE	1	8,252	0	0
OPKO HEALTH INC	COM	68375N103	527	215,990	SH	SOLE	1	215,990	0	0

OPPENHEIMER HOLDINGS CL A	COM	683797104	167	6,148	SH	SOLE	1	6,148	0	0
OPTIMIZERX CORP	COM	68401U204	124	7,620	SH	SOLE	1	7,620	0	0
OPTINOSE INC	COM	68404V100	112	15,846	SH	SOLE	1	15,846	0	0
OPUS BANK	COM	684000102	346	16,379	SH	SOLE	1	16,379	0	0
ORACLE CORP	COM	68389X105	48,576	852,659	SH	SOLE	1	852,659	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	429	46,177	SH	SOLE	1	46,177	0	0
ORBCOMM INC	COM	68555P100	343	47,314	SH	SOLE	1	47,314	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X103	209	32,806	SH	SOLE	1	32,806	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	51	6,699	SH	SOLE	1	6,699	0	0
ORIGIN BANCORP INC	COM	68621T102	406	12,291	SH	SOLE	1	12,291	0	0
ORITANI FINANCIAL CORP	COM	68633D103	522	29,433	SH	SOLE	1	29,433	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	1,600	25,238	SH	SOLE	1	25,238	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	143	6,512	SH	SOLE	1	6,512	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	722	13,661	SH	SOLE	1	13,661	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	218	5,579	SH	SOLE	1	5,579	0	0
OSHKOSH CORP	COM	688239201	11,404	136,593	SH	SOLE	1	136,593	0	0
OSI SYSTEMS INC	COM	671044105	1,408	12,505	SH	SOLE	1	12,505	0	0
OTTER TAIL CORP	COM	689648103	1,324	25,074	SH	SOLE	1	25,074	0	0
OUTFRONT MEDIA INC	COM	69007J106	1,398	54,203	SH	SOLE	1	54,203	0	0
OVERSEAS SHIPHOLDING GROUP A	COM	69036R863	77	41,144	SH	SOLE	1	41,144	0	0
OVERSTOCK.COM INC	COM	690370101	233	17,096	SH	SOLE	1	17,096	0	0
OWENS & MINOR INC	COM	690732102	148	46,364	SH	SOLE	1	46,364	0	0
OWENS CORNING	COM	690742101	101	1,740	SH	SOLE	1	1,740	0	0
OWENS ILLINOIS INC	COM	690768403	5,238	303,279	SH	SOLE	1	303,279	0	0
OXFORD INDUSTRIES INC	COM	691497309	949	12,518	SH	SOLE	1	12,518	0	0
P G & E CORP	COM	69331C108	767	33,455	SH	SOLE	1	33,455	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	77	1,247	SH	SOLE	1	1,247	0	0
PACCAR INC	COM	693718108	11,735	163,766	SH	SOLE	1	163,766	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	548	90,505	SH	SOLE	1	90,505	0	0
PACIFIC MERCANTILE BANCORP	COM	694552100	102	12,368	SH	SOLE	1	12,368	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,365	44,189	SH	SOLE	1	44,189	0	0
PACIRA BIOSCIENCES INC	COM	695127100	1,121	25,787	SH	SOLE	1	25,787	0	0
PACKAGING CORP OF AMERICA	COM	695156109	4,512	47,339	SH	SOLE	1	47,339	0	0
PACWEST BANCORP	COM	695263103	11,764	302,957	SH	SOLE	1	302,957	0	0
PAGERDUTY INC	COM	69553P100	12	245	SH	SOLE	1	245	0	0
PALATIN TECHNOLOGIES INC	COM	696077403	149	128,680	SH	SOLE	1	128,680	0	0
PALO ALTO NETWORKS INC	COM	697435105	459	2,253	SH	SOLE	1	2,253	0	0
PALOMAR HOLDINGS INC	COM	69753M105	87	3,607	SH	SOLE	1	3,607	0	0
PAMPA ENERGIA SA SPON ADR	ADR	697660207	25	719	SH	SOLE	1	719	0	0
PANHANDLE OIL AND GAS INC A	COM	698477106	129	9,861	SH	SOLE	1	9,861	0	0
PAPA JOHN S INTL INC	COM	698813102	2,584	57,781	SH	SOLE	1	57,781	0	0

PAR PACIFIC HOLDINGS INC	COM	69888T207	520	25,322	SH	SOLE	1	25,322	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	207	7,353	SH	SOLE	1	7,353	0	0
PARAMOUNT GROUP INC	COM	69924R108	46	3,262	SH	SOLE	1	3,262	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	81	20,353	SH	SOLE	1	20,353	0	0
PARETEUM CORP	COM	69946T207	179	68,302	SH	SOLE	1	68,302	0	0
PARK ELECTROCHEMICAL CORP	COM	700416209	233	13,970	SH	SOLE	1	13,970	0	0
PARK HOTELS & RESORTS INC	COM	700517105	90	3,259	SH	SOLE	1	3,259	0	0
PARK NATIONAL CORP	COM	700658107	851	8,558	SH	SOLE	1	8,558	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	183	5,604	SH	SOLE	1	5,604	0	0
PARKE BANCORP INC	COM	700885106	137	5,725	SH	SOLE	1	5,725	0	0
PARKER DRILLING CO POST BANK	COM	701081507	120	5,929	SH	SOLE	1	5,929	0	0
PARKER HANNIFIN CORP	COM	701094104	11,069	65,108	SH	SOLE	1	65,108	0	0
PARSLEY ENERGY INC CLASS A	COM	701877102	107	5,625	SH	SOLE	1	5,625	0	0
PARSONS CORP	COM	70202L102	438	11,879	SH	SOLE	1	11,879	0	0
PARTY CITY HOLDCO INC	COM	702149105	251	34,299	SH	SOLE	1	34,299	0	0
PATRICK INDUSTRIES INC	COM	703343103	832	16,922	SH	SOLE	1	16,922	0	0
PATTERN ENERGY GROUP INC A	COM	70338P100	1,297	56,167	SH	SOLE	1	56,167	0	0
PATTERSON COS INC	COM	703395103	4,891	213,590	SH	SOLE	1	213,590	0	0
PATTERSON UTI ENERGY INC	COM	703481101	4,689	407,388	SH	SOLE	1	407,388	0	0
PAYCHEX INC	COM	704326107	24,471	297,372	SH	SOLE	1	297,372	0	0
PAYCOM SOFTWARE INC	COM	70432V102	273	1,204	SH	SOLE	1	1,204	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	74	792	SH	SOLE	1	792	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	56,200	490,998	SH	SOLE	1	490,998	0	0
PAYSIGN INC	COM	70451A104	253	18,934	SH	SOLE	1	18,934	0	0
PBF ENERGY INC CLASS A	COM	69318G106	7,329	234,150	SH	SOLE	1	234,150	0	0
PC CONNECTION INC	COM	69318J100	250	7,156	SH	SOLE	1	7,156	0	0
PCM INC	COM	69323K100	211	6,018	SH	SOLE	1	6,018	0	0
PCSB FINANCIAL CORP	COM	69324R104	209	10,299	SH	SOLE	1	10,299	0	0
PDC ENERGY INC	COM	69327R101	1,796	49,815	SH	SOLE	1	49,815	0	0
PDF SOLUTIONS INC	COM	693282105	277	21,150	SH	SOLE	1	21,150	0	0
PDL BIOPHARMA INC	COM	69329Y104	238	75,683	SH	SOLE	1	75,683	0	0
PDL COMMUNITY BANCORP	COM	69290X101	80	5,574	SH	SOLE	1	5,574	0	0
PDVWIRELESS INC	COM	69290R104	277	5,883	SH	SOLE	1	5,883	0	0
PEABODY ENERGY CORP	COM	704551100	1,085	45,006	SH	SOLE	1	45,006	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	338	12,024	SH	SOLE	1	12,024	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	9,464	335,830	SH	SOLE	1	335,830	0	0
PEGASYSYSTEMS INC	COM	705573103	66	931	SH	SOLE	1	931	0	0
PENN NATIONAL GAMING INC	COM	707569109	5,338	277,164	SH	SOLE	1	277,164	0	0
PENN REAL ESTATE INVEST TST	COM	709102107	331	50,940	SH	SOLE	1	50,940	0	0
PENN VIRGINIA CORP	COM	70788V102	311	10,149	SH	SOLE	1	10,149	0	0

PENNS WOODS BANCORP INC	COM	708430103	132	2,908	SH	SOLE	1	2,908	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	352	15,884	SH	SOLE	1	15,884	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	1,237	56,643	SH	SOLE	1	56,643	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	27	564	SH	SOLE	1	564	0	0
PENUMBRA INC	COM	70975L107	123	768	SH	SOLE	1	768	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	2,285	136,199	SH	SOLE	1	136,199	0	0
PEOPLE S UTAH BANCORP	COM	712706209	293	9,970	SH	SOLE	1	9,970	0	0
PEOPLES BANCORP INC	COM	709789101	369	11,443	SH	SOLE	1	11,443	0	0
PEOPLES BANCORP OF NC	COM	710577107	88	2,926	SH	SOLE	1	2,926	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	197	4,382	SH	SOLE	1	4,382	0	0
PEPSICO INC	COM	713448108	83,944	640,160	SH	SOLE	1	640,160	0	0
PERFICIENT INC	COM	71375U101	833	24,275	SH	SOLE	1	24,275	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	2,620	65,461	SH	SOLE	1	65,461	0	0
PERKINELMER INC	COM	714046109	3,649	37,873	SH	SOLE	1	37,873	0	0
PERSPECTA INC	COM	715347100	8,453	361,093	SH	SOLE	1	361,093	0	0
PETIQ INC	COM	71639T106	396	12,006	SH	SOLE	1	12,006	0	0
PETMED EXPRESS INC	COM	716382106	236	15,061	SH	SOLE	1	15,061	0	0
PFENEX INC	COM	717071104	128	18,969	SH	SOLE	1	18,969	0	0
PFIZER INC	COM	717081103	451,837	10,430,208	SH	SOLE	1	10,430,208	0	0
PGT INNOVATIONS INC	COM	69336V101	714	42,732	SH	SOLE	1	42,732	0	0
PHASEBIO PHARMACEUTICALS INC	COM	717224109	115	8,725	SH	SOLE	1	8,725	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	485	15,279	SH	SOLE	1	15,279	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	378,173	4,815,653	SH	SOLE	1	4,815,653	0	0
PHILLIPS 66	COM	718546104	15,409	164,737	SH	SOLE	1	164,737	0	0
PHOTRONICS INC	COM	719405102	403	49,109	SH	SOLE	1	49,109	0	0
PHUNWARE INC	COM	71948P100	9	2,753	SH	SOLE	1	2,753	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	2,060	118,097	SH	SOLE	1	118,097	0	0
PICO HOLDINGS INC	COM	693366205	135	11,634	SH	SOLE	1	11,634	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	1,587	79,643	SH	SOLE	1	79,643	0	0
PIER 1 IMPORTS INC	COM	720279504	0	2	SH	SOLE	1	2	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	138	29,429	SH	SOLE	1	29,429	0	0
PILGRIM S PRIDE CORP	COM	72147K108	26	1,018	SH	SOLE	1	1,018	0	0
PINDUODUO INC ADR	ADR	722304102	52	2,500	SH	SOLE	1	2,500	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	8,126	141,379	SH	SOLE	1	141,379	0	0
PINNACLE WEST CAPITAL	COM	723484101	3,535	37,570	SH	SOLE	1	37,570	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	10,749	69,863	SH	SOLE	1	69,863	0	0
PIPER JAFFRAY COS	COM	724078100	770	10,371	SH	SOLE	1	10,371	0	0
PITNEY BOWES INC	COM	724479100	581	135,808	SH	SOLE	1	135,808	0	0
PJT PARTNERS INC A	COM	69343T107	598	14,762	SH	SOLE	1	14,762	0	0
PLAINS GP HLDGS L P	COM	72651A207	22,566	903,730	SH	SOLE	2	903,730	0	0
PLANET FITNESS INC CL A	COM	72703H101	150	2,070	SH	SOLE	1	2,070	0	0
PLANTRONICS INC	COM	727493108	3,141	84,813	SH	SOLE	1	84,813	0	0

PLAYAGS INC	COM	72814N104	329	16,918	SH	SOLE	1	16,918	0	0
PLEXUS CORP	COM	729132100	1,303	22,328	SH	SOLE	1	22,328	0	0
PLUG POWER INC	COM	72919P202	328	145,967	SH	SOLE	1	145,967	0	0
PLURALSIGHT INC A	COM	72941B106	46	1,521	SH	SOLE	1	1,521	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	26,690	194,423	SH	SOLE	1	194,423	0	0
PNM RESOURCES INC	COM	69349H107	10,432	204,902	SH	SOLE	1	204,902	0	0
POLARIS INDUSTRIES INC	COM	731068102	10,271	112,585	SH	SOLE	1	112,585	0	0
POLARITYTE INC	COM	731094108	51	8,923	SH	SOLE	1	8,923	0	0
POLYONE CORPORATION	COM	73179P106	6,283	200,174	SH	SOLE	1	200,174	0	0
POOL CORP	COM	73278L105	14,899	78,004	SH	SOLE	1	78,004	0	0
POPULAR INC	COM	733174700	84	1,543	SH	SOLE	1	1,543	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	3,093	57,105	SH	SOLE	1	57,105	0	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	1,151	42,431	SH	SOLE	1	42,431	0	0
POST HOLDINGS INC	COM	737446104	13,573	130,544	SH	SOLE	1	130,544	0	0
POTBELLY CORP	COM	73754Y100	68	13,404	SH	SOLE	1	13,404	0	0
POTLATCHDELTIC CORP	COM	737630103	6,745	173,025	SH	SOLE	1	173,025	0	0
POWELL INDUSTRIES INC	COM	739128106	253	6,670	SH	SOLE	1	6,670	0	0
POWER INTEGRATIONS INC	COM	739276103	1,711	21,345	SH	SOLE	1	21,345	0	0
PPG INDUSTRIES INC	COM	693506107	10,249	87,815	SH	SOLE	1	87,815	0	0
PPL CORP	COM	69351T106	9,336	301,050	SH	SOLE	1	301,050	0	0
PQ GROUP HOLDINGS INC	COM	73943T103	382	24,087	SH	SOLE	1	24,087	0	0
PRA GROUP INC	COM	69354N106	951	33,792	SH	SOLE	1	33,792	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	11,495	115,935	SH	SOLE	1	115,935	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	77	5,827	SH	SOLE	1	5,827	0	0
PREFERRED APARTMENT COMMUN A	COM	74039L103	412	27,546	SH	SOLE	1	27,546	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	497	10,514	SH	SOLE	1	10,514	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	108	1,953	SH	SOLE	1	1,953	0	0
PREMIER FINANCIAL BANCORP	COM	74050M105	124	8,291	SH	SOLE	1	8,291	0	0
PREMIER INC CLASS A	COM	74051N102	33	840	SH	SOLE	1	840	0	0
PRESIDIO INC	COM	74102M103	401	29,327	SH	SOLE	1	29,327	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	4,227	133,423	SH	SOLE	1	133,423	0	0
PRGX GLOBAL INC	COM	69357C503	89	13,251	SH	SOLE	1	13,251	0	0
PRICESMART INC	COM	741511109	731	14,290	SH	SOLE	1	14,290	0	0
PRIMEENERGY RESOURCES CORP	COM	74158E104	44	330	SH	SOLE	1	330	0	0
PRIMERICA INC	COM	74164M108	9,952	82,971	SH	SOLE	1	82,971	0	0
PRIMO WATER CORP	COM	74165N105	274	22,278	SH	SOLE	1	22,278	0	0
PRIMORIS SERVICES CORP	COM	74164F103	590	28,180	SH	SOLE	1	28,180	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	5,655	97,633	SH	SOLE	1	97,633	0	0
PRINCIPIA BIOPHARMA INC	COM	74257L108	283	8,516	SH	SOLE	1	8,516	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	33	4,168	SH	SOLE	1	4,168	0	0
PROASSURANCE CORP	COM	74267C106	1,445	40,015	SH	SOLE	1	40,015	0	0

PROCTER & GAMBLE CO/THE	COM	742718109	547,059	4,989,134	SH	SOLE	1	4,989,134	0	0
PROGENICS PHARMACEUTICALS	COM	743187106	393	63,729	SH	SOLE	1	63,729	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,455	33,345	SH	SOLE	1	33,345	0	0
PROGRESSIVE CORP	COM	743315103	16,786	210,012	SH	SOLE	1	210,012	0	0
PROLOGIS INC	COM	74340W103	19,743	246,479	SH	SOLE	1	246,479	0	0
PROOFPOINT INC	COM	743424103	161	1,342	SH	SOLE	1	1,342	0	0
PROPETRO HOLDING CORP	COM	74347M108	1,227	59,285	SH	SOLE	1	59,285	0	0
PROS HOLDINGS INC	COM	74346Y103	1,324	20,924	SH	SOLE	1	20,924	0	0
PROSPERITY BANCSHARES INC	COM	743606105	8,565	129,675	SH	SOLE	1	129,675	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	117	9,642	SH	SOLE	1	9,642	0	0
PROTECTIVE INSURANCE CORP B	COM	74368L203	104	5,974	SH	SOLE	1	5,974	0	0
PROTO LABS INC	COM	743713109	2,345	20,210	SH	SOLE	1	20,210	0	0
PROVIDENCE SERVICE CORP	COM	743815102	498	8,678	SH	SOLE	1	8,678	0	0
PROVIDENT BANCORP INC	COM	74383X109	76	2,712	SH	SOLE	1	2,712	0	0
PROVIDENT FINANCIAL HLDGS	COM	743868101	78	3,724	SH	SOLE	1	3,724	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	1,122	46,259	SH	SOLE	1	46,259	0	0
PRUDENTIAL BANCORP INC	COM	74431A101	105	5,562	SH	SOLE	1	5,562	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	17,834	176,574	SH	SOLE	1	176,574	0	0
PS BUSINESS PARKS INC/CA	COM	69360J107	8,681	51,511	SH	SOLE	1	51,511	0	0
PTC INC	COM	69370C100	18,235	203,153	SH	SOLE	1	203,153	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,639	36,415	SH	SOLE	1	36,415	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	10,264	174,504	SH	SOLE	1	174,504	0	0
PUBLIC STORAGE	COM	74460D109	12,760	53,576	SH	SOLE	1	53,576	0	0
PULSE BIOSCIENCES INC	COM	74587B101	94	7,151	SH	SOLE	1	7,151	0	0
PULTEGROUP INC	COM	745867101	2,785	88,075	SH	SOLE	1	88,075	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	249	19,559	SH	SOLE	1	19,559	0	0
PURE CYCLE CORP	COM	746228303	115	10,885	SH	SOLE	1	10,885	0	0
PURE STORAGE INC CLASS A	COM	74624M102	85	5,587	SH	SOLE	1	5,587	0	0
PURPLE INNOVATION INC	COM	74640Y106	16	2,338	SH	SOLE	1	2,338	0	0
PVH CORP	COM	693656100	3,043	32,151	SH	SOLE	1	32,151	0	0
PYXUS INTERNATIONAL INC	COM	74737V106	82	5,365	SH	SOLE	1	5,365	0	0
PZENA INVESTMENT MANAGM CL A	COM	74731Q103	96	11,229	SH	SOLE	1	11,229	0	0
Q2 HOLDINGS INC	COM	74736L109	1,946	25,480	SH	SOLE	1	25,480	0	0
QAD INC A	COM	74727D306	282	7,011	SH	SOLE	1	7,011	0	0
QCR HOLDINGS INC	COM	74727A104	327	9,383	SH	SOLE	1	9,383	0	0
QEP RESOURCES INC	COM	74733V100	4,436	613,385	SH	SOLE	1	613,385	0	0
QORVO INC	COM	74736K101	2,744	41,196	SH	SOLE	1	41,196	0	0
QTS REALTY TRUST INC CL A	COM	74736A103	1,607	34,808	SH	SOLE	1	34,808	0	0
QUAD GRAPHICS INC	COM	747301109	156	19,761	SH	SOLE	1	19,761	0	0
QUAKER CHEMICAL CORP	COM	747316107	2,001	9,864	SH	SOLE	1	9,864	0	0
QUALCOMM INC	COM	747525103	39,776	522,885	SH	SOLE	1	522,885	0	0

QUALYS INC	COM	74758T303	2,217	25,461	SH	SOLE	1	25,461	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	468	24,754	SH	SOLE	1	24,754	0	0
QUANTA SERVICES INC	COM	74762E102	1,883	49,312	SH	SOLE	1	49,312	0	0
QUANTERIX CORP	COM	74766Q101	205	6,055	SH	SOLE	1	6,055	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	8,214	80,676	SH	SOLE	1	80,676	0	0
QUIDEL CORP	COM	74838J101	1,336	22,514	SH	SOLE	1	22,514	0	0
QUINSTREET INC	COM	74874Q100	527	33,260	SH	SOLE	1	33,260	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	541	50,379	SH	SOLE	1	50,379	0	0
QURATE RETAIL INC	COM	74915M100	79	6,391	SH	SOLE	1	6,391	0	0
R1 RCM INC	COM	749397105	819	65,089	SH	SOLE	1	65,089	0	0
RA PHARMACEUTICALS INC	COM	74933V108	599	19,911	SH	SOLE	1	19,911	0	0
RADIAN GROUP INC	COM	750236101	4,364	190,968	SH	SOLE	1	190,968	0	0
RADIANT LOGISTICS INC	COM	75025X100	153	24,854	SH	SOLE	1	24,854	0	0
RADIUS HEALTH INC	COM	750469207	698	28,654	SH	SOLE	1	28,654	0	0
RADNET INC	COM	750491102	368	26,720	SH	SOLE	1	26,720	0	0
RAFAEL HOLDINGS INC CLASS B	COM	75062E106	193	6,702	SH	SOLE	1	6,702	0	0
RALPH LAUREN CORP	COM	751212101	2,983	26,265	SH	SOLE	1	26,265	0	0
RAMACO RESOURCES INC	COM	75134P303	28	5,203	SH	SOLE	1	5,203	0	0
RAMBUS INC	COM	750917106	996	82,763	SH	SOLE	1	82,763	0	0
RANGE RESOURCES CORP	COM	75281A109	2,843	407,253	SH	SOLE	1	407,253	0	0
RAPID7 INC	COM	753422104	1,769	30,591	SH	SOLE	1	30,591	0	0
RAVEN INDUSTRIES INC	COM	754212108	966	26,915	SH	SOLE	1	26,915	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	3,709	43,864	SH	SOLE	1	43,864	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	238	36,705	SH	SOLE	1	36,705	0	0
RAYONIER INC	COM	754907103	7,674	253,276	SH	SOLE	1	253,276	0	0
RAYTHEON COMPANY	COM	755111507	15,716	90,384	SH	SOLE	1	90,384	0	0
RBB BANCORP	COM	74930B105	200	10,321	SH	SOLE	1	10,321	0	0
RBC BEARINGS INC	COM	75524B104	2,573	15,424	SH	SOLE	1	15,424	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	101	5,751	SH	SOLE	1	5,751	0	0
RE/MAX HOLDINGS INC CL A	COM	75524W108	412	13,390	SH	SOLE	1	13,390	0	0
READING INTERNATIONAL INC A	COM	755408101	140	10,794	SH	SOLE	1	10,794	0	0
READY CAPITAL CORP	COM	75574U101	296	19,834	SH	SOLE	1	19,834	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	619	85,370	SH	SOLE	1	85,370	0	0
REALPAGE INC	COM	75606N109	114	1,940	SH	SOLE	1	1,940	0	0
REALTY INCOME CORP	COM	756109104	7,601	110,206	SH	SOLE	1	110,206	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	1,206	12,782	SH	SOLE	1	12,782	0	0
RECRO PHARMA INC	COM	75629F109	124	12,179	SH	SOLE	1	12,179	0	0
RED HAT INC	COM	756577102	12,798	68,163	SH	SOLE	1	68,163	0	0
RED LION HOTELS CORP	COM	756764106	107	15,085	SH	SOLE	1	15,085	0	0
RED RIVER BANCSHARES INC	COM	75686R202	21	443	SH	SOLE	1	443	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	297	9,727	SH	SOLE	1	9,727	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	954	44,398	SH	SOLE	1	44,398	0	0
REDFIN CORP	COM	75737F108	1,009	56,141	SH	SOLE	1	56,141	0	0

REDWOOD TRUST INC	COM	758075402	1,193	72,181	SH	SOLE	1	72,181	0	0
REGAL BELOIT CORP	COM	758750103	6,835	83,653	SH	SOLE	1	83,653	0	0
REGENCY CENTERS CORP	COM	758849103	3,796	56,884	SH	SOLE	1	56,884	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	11,261	35,979	SH	SOLE	1	35,979	0	0
REGENXBIO INC	COM	75901B107	1,270	24,731	SH	SOLE	1	24,731	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	156	5,900	SH	SOLE	1	5,900	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	6,801	455,232	SH	SOLE	1	455,232	0	0
REGIS CORP	COM	758932107	357	21,489	SH	SOLE	1	21,489	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	19,071	122,227	SH	SOLE	1	122,227	0	0
RELIANCE STEEL & ALUMINUM	COM	759509102	13,643	144,182	SH	SOLE	1	144,182	0	0
RELIANT BANCORP INC	COM	75956B101	153	6,493	SH	SOLE	1	6,493	0	0
RENASANT CORP	COM	75970E107	1,303	36,251	SH	SOLE	1	36,251	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	439	27,688	SH	SOLE	1	27,688	0	0
RENT A CENTER INC	COM	76009N100	961	36,086	SH	SOLE	1	36,086	0	0
REPLIGEN CORP	COM	759916109	3,003	34,939	SH	SOLE	1	34,939	0	0
REPLIMUNE GROUP INC	COM	76029N106	108	7,376	SH	SOLE	1	7,376	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	307	6,163	SH	SOLE	1	6,163	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	136	27,771	SH	SOLE	1	27,771	0	0
REPUBLIC SERVICES INC	COM	760759100	7,566	87,325	SH	SOLE	1	87,325	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	5,255	239,733	SH	SOLE	1	239,733	0	0
RESMED INC	COM	761152107	6,424	52,642	SH	SOLE	1	52,642	0	0
RESOURCES CONNECTION INC	COM	76122Q105	366	22,873	SH	SOLE	1	22,873	0	0
RESTORBIO INC	COM	76133L103	97	9,509	SH	SOLE	1	9,509	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	1,450	84,638	SH	SOLE	1	84,638	0	0
RETAIL PROPERTIES OF AME A	COM	76131V202	41	3,450	SH	SOLE	1	3,450	0	0
RETAIL VALUE INC	COM	76133Q102	330	9,485	SH	SOLE	1	9,485	0	0
RETROPHIN INC	COM	761299106	529	26,329	SH	SOLE	1	26,329	0	0
REV GROUP INC	COM	749527107	249	17,270	SH	SOLE	1	17,270	0	0
REVANCE THERAPEUTICS INC	COM	761330109	363	28,000	SH	SOLE	1	28,000	0	0
REVLON INC CLASS A	COM	761525609	85	4,390	SH	SOLE	1	4,390	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	307	4,208	SH	SOLE	1	4,208	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	2,667	66,052	SH	SOLE	1	66,052	0	0
REXNORD CORP	COM	76169B102	2,024	66,961	SH	SOLE	1	66,961	0	0
RGC RESOURCES INC	COM	74955L103	146	4,782	SH	SOLE	1	4,782	0	0
RH	COM	74967X103	1,552	13,429	SH	SOLE	1	13,429	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	321	14,608	SH	SOLE	1	14,608	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	186	37,947	SH	SOLE	1	37,947	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	279	106,961	SH	SOLE	1	106,961	0	0
RIGNET INC	COM	766582100	92	9,117	SH	SOLE	1	9,117	0	0
RIMINI STREET INC	COM	76674Q107	66	12,542	SH	SOLE	1	12,542	0	0
RING ENERGY INC	COM	76680V108	147	45,088	SH	SOLE	1	45,088	0	0

RINGCENTRAL INC CLASS A	COM	76680R206	197	1,711	SH	SOLE	1	1,711	0	0
RITE AID CORP	COM	767754872	276	34,457	SH	SOLE	1	34,457	0	0
RIVERVIEW BANCORP INC	COM	769397100	115	13,522	SH	SOLE	1	13,522	0	0
RLI CORP	COM	749607107	2,560	29,868	SH	SOLE	1	29,868	0	0
RLJ LODGING TRUST	COM	74965L101	1,943	109,517	SH	SOLE	1	109,517	0	0
RMR GROUP INC/THE A	COM	74967R106	214	4,545	SH	SOLE	1	4,545	0	0
ROADRUNNER TRANSPORTATION SY	COM	76973Q204	22	2,268	SH	SOLE	1	2,268	0	0
ROAN RESOURCES INC	COM	769755109	40	22,684	SH	SOLE	1	22,684	0	0
ROBERT HALF INTL INC	COM	770323103	2,351	41,239	SH	SOLE	1	41,239	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	284	18,909	SH	SOLE	1	18,909	0	0
ROCKWELL AUTOMATION INC	COM	773903109	7,628	46,559	SH	SOLE	1	46,559	0	0
ROCKWELL MEDICAL INC	COM	774374102	107	35,471	SH	SOLE	1	35,471	0	0
ROCKY BRANDS INC	COM	774515100	120	4,409	SH	SOLE	1	4,409	0	0
ROGERS CORP	COM	775133101	2,395	13,880	SH	SOLE	1	13,880	0	0
ROKU INC	COM	77543R102	181	2,002	SH	SOLE	1	2,002	0	0
ROLLINS INC	COM	775711104	1,808	50,396	SH	SOLE	1	50,396	0	0
ROPER TECHNOLOGIES INC	COM	776696106	16,087	43,921	SH	SOLE	1	43,921	0	0
ROSEHILL RESOURCES INC	COM	777385105	25	6,634	SH	SOLE	1	6,634	0	0
ROSETTA STONE INC	COM	777780107	299	13,066	SH	SOLE	1	13,066	0	0
ROSS STORES INC	COM	778296103	15,299	154,351	SH	SOLE	1	154,351	0	0
ROYAL GOLD INC	COM	780287108	13,137	128,179	SH	SOLE	1	128,179	0	0
RPC INC	COM	749660106	267	36,933	SH	SOLE	1	36,933	0	0
RPM INTERNATIONAL INC	COM	749685103	15,659	256,236	SH	SOLE	1	256,236	0	0
RPT REALTY	COM	74971D101	712	58,819	SH	SOLE	1	58,819	0	0
RR DONNELLEY & SONS CO	COM	257867200	104	52,970	SH	SOLE	1	52,970	0	0
RTI SURGICAL HDS INC	COM	74975N105	154	36,119	SH	SOLE	1	36,119	0	0
RTW RETAILWINDS INC	COM	74980D100	33	19,291	SH	SOLE	1	19,291	0	0
RUBICON PROJECT INC/THE	COM	78112V102	194	30,473	SH	SOLE	1	30,473	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	349	22,218	SH	SOLE	1	22,218	0	0
RUDOLPH TECHNOLOGIES INC	COM	781270103	636	23,007	SH	SOLE	1	23,007	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	108	2,934	SH	SOLE	1	2,934	0	0
RUSH ENTERPRISES INC CL A	COM	781846209	639	17,506	SH	SOLE	1	17,506	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	485	21,373	SH	SOLE	1	21,373	0	0
RYDER SYSTEM INC	COM	783549108	6,070	104,114	SH	SOLE	1	104,114	0	0
RYERSON HOLDING CORP	COM	783754104	86	10,289	SH	SOLE	1	10,289	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	2,367	29,187	SH	SOLE	1	29,187	0	0
S & T BANCORP INC	COM	783859101	951	25,381	SH	SOLE	1	25,381	0	0
S&P GLOBAL INC	COM	78409V104	22,281	97,814	SH	SOLE	1	97,814	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	9,089	461,614	SH	SOLE	1	461,614	0	0
SABRE CORP	COM	78573M104	11,924	537,124	SH	SOLE	1	537,124	0	0
SAFEGUARD SCIENTIFICS INC	COM	786449207	150	12,394	SH	SOLE	1	12,394	0	0
SAFEHOLD INC	COM	78645L100	143	4,734	SH	SOLE	1	4,734	0	0

SAFETY INSURANCE GROUP INC	COM	78648T100	1,052	11,056	SH	SOLE	1	11,056	0	0
SAGA COMMUNICATIONS INC CL A	COM	786598300	75	2,416	SH	SOLE	1	2,416	0	0
SAGE THERAPEUTICS INC	COM	78667J108	226	1,233	SH	SOLE	1	1,233	0	0
SAIA INC	COM	78709Y105	1,257	19,441	SH	SOLE	1	19,441	0	0
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	1,093	54,527	SH	SOLE	1	54,527	0	0
SALESFORCE.COM INC	COM	79466L302	42,447	279,751	SH	SOLE	1	279,751	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	4,141	310,384	SH	SOLE	1	310,384	0	0
SANDERSON FARMS INC	COM	800013104	6,886	50,426	SH	SOLE	1	50,426	0	0
SANDRIDGE ENERGY INC	COM	80007P869	136	19,598	SH	SOLE	1	19,598	0	0
SANDY SPRING BANCORP INC	COM	800363103	780	22,363	SH	SOLE	1	22,363	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	787	73,042	SH	SOLE	1	73,042	0	0
SANMINA CORP	COM	801056102	1,541	50,905	SH	SOLE	1	50,905	0	0
SANTANDER CONSUMER USA HOLDI	COM	80283M101	41	1,719	SH	SOLE	1	1,719	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	262	1,725	SH	SOLE	1	1,725	0	0
SAUL CENTERS INC	COM	804395101	499	8,882	SH	SOLE	1	8,882	0	0
SAVARA INC	COM	805111101	48	20,199	SH	SOLE	1	20,199	0	0
SB ONE BANCORP	COM	78413T103	116	5,205	SH	SOLE	1	5,205	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	9,235	41,074	SH	SOLE	1	41,074	0	0
SCANSOURCE INC	COM	806037107	630	19,353	SH	SOLE	1	19,353	0	0
SCHLUMBERGER LTD	COM	806857108	21,459	539,980	SH	SOLE	1	539,980	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	16	897	SH	SOLE	1	897	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	428	16,337	SH	SOLE	1	16,337	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	156	9,858	SH	SOLE	1	9,858	0	0
SCHOLASTIC CORP	COM	807066105	706	21,250	SH	SOLE	1	21,250	0	0
SCHWAB (CHARLES) CORP	COM	808513105	18,503	460,386	SH	SOLE	1	460,386	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	768	23,157	SH	SOLE	1	23,157	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	11,804	136,364	SH	SOLE	1	136,364	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	2,844	143,500	SH	SOLE	1	143,500	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	7,612	77,275	SH	SOLE	1	77,275	0	0
SEABOARD CORP	COM	811543107	17	4	SH	SOLE	1	4	0	0
SEACOAST BANKING CORP/FL	COM	811707801	966	37,959	SH	SOLE	1	37,959	0	0
SEACOR HOLDINGS INC	COM	811904101	620	13,046	SH	SOLE	1	13,046	0	0
SEACOR MARINE HOLDINGS INC	COM	78413P101	183	12,251	SH	SOLE	1	12,251	0	0
SEALED AIR CORP	COM	81211K100	2,304	53,847	SH	SOLE	1	53,847	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	134	10,085	SH	SOLE	1	10,085	0	0
SEATTLE GENETICS INC	COM	812578102	185	2,668	SH	SOLE	1	2,668	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	995	32,094	SH	SOLE	1	32,094	0	0
SECUREWORKS CORP A	COM	81374A105	71	5,335	SH	SOLE	1	5,335	0	0
SEI INVESTMENTS COMPANY	COM	784117103	14,072	250,834	SH	SOLE	1	250,834	0	0

SELECT BANCORP INC	COM	81617L108	119	10,424	SH	SOLE	1	10,424	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	437	37,679	SH	SOLE	1	37,679	0	0
SELECT INTERIOR CONCEPTS A	COM	816120307	159	13,604	SH	SOLE	1	13,604	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,306	82,296	SH	SOLE	1	82,296	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	3,293	43,969	SH	SOLE	1	43,969	0	0
SEMGROUP CORP CLASS A	COM	81663A105	606	50,495	SH	SOLE	1	50,495	0	0
SEMPRA ENERGY	COM	816851109	13,022	94,744	SH	SOLE	1	94,744	0	0
SEMTECH CORP	COM	816850101	8,221	171,101	SH	SOLE	1	171,101	0	0
SENECA FOODS CORP CL A	COM	817070501	141	5,065	SH	SOLE	1	5,065	0	0
SENIOR HOUSING PROP TRUST	COM	81721M109	5,056	611,178	SH	SOLE	1	611,178	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	138	67,840	SH	SOLE	1	67,840	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	8,005	108,939	SH	SOLE	1	108,939	0	0
SERES THERAPEUTICS INC	COM	81750R102	44	13,634	SH	SOLE	1	13,634	0	0
SERITAGE GROWTH PROP A REIT	COM	81752R100	893	20,784	SH	SOLE	1	20,784	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	16,677	356,506	SH	SOLE	1	356,506	0	0
SERVICEMASTER GLOBAL HOLDING	COM	81761R109	124	2,386	SH	SOLE	1	2,386	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,216	35,493	SH	SOLE	1	35,493	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,509	20,907	SH	SOLE	1	20,907	0	0
SHARPSRING INC	COM	820054104	71	5,448	SH	SOLE	1	5,448	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	1,175	30,491	SH	SOLE	1	30,491	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	12,005	26,196	SH	SOLE	1	26,196	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	240	4,204	SH	SOLE	1	4,204	0	0
SHOE CARNIVAL INC	COM	824889109	199	7,195	SH	SOLE	1	7,195	0	0
SHORE BANCSHARES INC	COM	825107105	131	8,040	SH	SOLE	1	8,040	0	0
SHOTSPOTTER INC	COM	82536T107	225	5,101	SH	SOLE	1	5,101	0	0
SHUTTERFLY INC	COM	82568P304	1,299	25,702	SH	SOLE	1	25,702	0	0
SHUTTERSTOCK INC	COM	825690100	559	14,266	SH	SOLE	1	14,266	0	0
SI BONE INC	COM	825704109	208	10,224	SH	SOLE	1	10,224	0	0
SIEBERT FINANCIAL CORP	COM	826176109	43	4,824	SH	SOLE	1	4,824	0	0
SIENTRA INC	COM	82621J105	89	14,529	SH	SOLE	1	14,529	0	0
SIERRA BANCORP	COM	82620P102	244	8,997	SH	SOLE	1	8,997	0	0
SIGA TECHNOLOGIES INC	COM	826917106	199	35,028	SH	SOLE	1	35,028	0	0
SIGNATURE BANK	COM	82669G104	13,032	107,846	SH	SOLE	1	107,846	0	0
SILGAN HOLDINGS INC	COM	827048109	4,651	152,002	SH	SOLE	1	152,002	0	0
SILICON LABORATORIES INC	COM	826919102	11,510	111,315	SH	SOLE	1	111,315	0	0
SILK ROAD MEDICAL INC	COM	82710M100	215	4,427	SH	SOLE	1	4,427	0	0
SILVERBOW RESOURCES INC	COM	82836G102	62	4,499	SH	SOLE	1	4,499	0	0
SILVERCREST ASSET MANAGEME A	COM	828359109	76	5,447	SH	SOLE	1	5,447	0	0
SIMMONS FIRST NATL CORP CL A	COM	828730200	1,597	68,655	SH	SOLE	1	68,655	0	0

SIMON PROPERTY GROUP INC	COM	828806109	20,287	126,983	SH	SOLE	1	126,983	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,086	45,106	SH	SOLE	1	45,106	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	2,197	33,065	SH	SOLE	1	33,065	0	0
SIMULATIONS PLUS INC	COM	829214105	217	7,596	SH	SOLE	1	7,596	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	77	1,439	SH	SOLE	1	1,439	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,758	315,026	SH	SOLE	1	315,026	0	0
SITE CENTERS CORP	COM	82981J109	30	2,263	SH	SOLE	1	2,263	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	1,801	25,988	SH	SOLE	1	25,988	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	6,999	140,889	SH	SOLE	1	140,889	0	0
SJW GROUP	COM	784305104	1,017	16,740	SH	SOLE	1	16,740	0	0
SKECHERS USA INC CL A	COM	830566105	8,279	262,903	SH	SOLE	1	262,903	0	0
SKYLINE CHAMPION CORP	COM	830830105	876	32,012	SH	SOLE	1	32,012	0	0
SKYWEST INC	COM	830879102	2,285	37,671	SH	SOLE	1	37,671	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	5,899	76,342	SH	SOLE	1	76,342	0	0
SL GREEN REALTY CORP	COM	78440X101	2,340	29,110	SH	SOLE	1	29,110	0	0
SLEEP NUMBER CORP	COM	83125X103	901	22,318	SH	SOLE	1	22,318	0	0
SLM CORP	COM	78442P106	8,209	844,548	SH	SOLE	1	844,548	0	0
SM ENERGY CO	COM	78454L100	3,398	271,343	SH	SOLE	1	271,343	0	0
SMART SAND INC	COM	83191H107	33	13,714	SH	SOLE	1	13,714	0	0
SMARTFINANCIAL INC	COM	83190L208	176	8,092	SH	SOLE	1	8,092	0	0
SMARTSHEET INC CLASS A	COM	83200N103	101	2,081	SH	SOLE	1	2,081	0	0
SMITH (A.O.) CORP	COM	831865209	2,305	48,874	SH	SOLE	1	48,874	0	0
SNAP ON INC	COM	833034101	15,291	92,316	SH	SOLE	1	92,316	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	318	5,085	SH	SOLE	1	5,085	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	293	19,535	SH	SOLE	1	19,535	0	0
SOLARWINDS CORP	COM	83417Q105	15	834	SH	SOLE	1	834	0	0
SOLID BIOSCIENCES INC	COM	83422E105	55	9,621	SH	SOLE	1	9,621	0	0
SOLITON INC	COM	834251100	21	1,394	SH	SOLE	1	1,394	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	425	18,210	SH	SOLE	1	18,210	0	0
SONIM TECHNOLOGIES INC	COM	83548F101	29	2,291	SH	SOLE	1	2,291	0	0
SONOCO PRODUCTS CO	COM	835495102	12,771	195,456	SH	SOLE	1	195,456	0	0
SONOS INC	COM	83570H108	503	44,352	SH	SOLE	1	44,352	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	199	74,379	SH	SOLE	1	74,379	0	0
SOTHEBY S	COM	835898107	4,898	84,257	SH	SOLE	1	84,257	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	2,342	69,435	SH	SOLE	1	69,435	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	36	2,168	SH	SOLE	1	2,168	0	0
SOUTH STATE CORP	COM	840441109	1,643	22,308	SH	SOLE	1	22,308	0	0
SOUTHERN CO/THE	COM	842587107	18,933	342,498	SH	SOLE	1	342,498	0	0
SOUTHERN COPPER CORP	COM	84265V105	42	1,074	SH	SOLE	1	1,074	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	174	4,436	SH	SOLE	1	4,436	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	174	5,006	SH	SOLE	1	5,006	0	0

SOUTHERN NATL BANCORP OF VA	COM	843395104	192	12,534	SH	SOLE	1	12,534	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	777	23,999	SH	SOLE	1	23,999	0	0
SOUTHWEST AIRLINES CO	COM	844741108	9,378	184,679	SH	SOLE	1	184,679	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	12,315	137,411	SH	SOLE	1	137,411	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	4,406	1,394,239	SH	SOLE	1	1,394,239	0	0
SP PLUS CORP	COM	78469C103	463	14,504	SH	SOLE	1	14,504	0	0
SPARK ENERGY INC CLASS A	COM	846511103	83	7,401	SH	SOLE	1	7,401	0	0
SPARK THERAPEUTICS INC	COM	84652J103	2,238	21,859	SH	SOLE	1	21,859	0	0
SPARTAN MOTORS INC	COM	846819100	239	21,819	SH	SOLE	1	21,819	0	0
SPARTANNASH CO	COM	847215100	314	26,936	SH	SOLE	1	26,936	0	0
SPDR PORTFOLIO S&P 500 GROWTH	PRTFLO S&P500 GW	78464A409	10,320	266,460	SH	SOLE	1	266,460	0	0
SPDR S&P 500 ETF TRUST	TR UNIT	78462F103	75,741	258,500	SH	SOLE	1	258,500	0	0
SPDR S&P MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	9,609	27,100	SH	SOLE	1	27,100	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	31	571	SH	SOLE	1	571	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	715	83,005	SH	SOLE	1	83,005	0	0
SPEEDWAY MOTORSPORTS INC	COM	847788106	134	7,237	SH	SOLE	1	7,237	0	0
SPERO THERAPEUTICS INC	COM	84833T103	75	6,514	SH	SOLE	1	6,514	0	0
SPIRE INC	COM	84857L101	10,905	129,944	SH	SOLE	1	129,944	0	0
SPIRIT AEROSYSTEMS HOLD CL A	COM	848574109	198	2,431	SH	SOLE	1	2,431	0	0
SPIRIT AIRLINES INC	COM	848577102	2,082	43,622	SH	SOLE	1	43,622	0	0
SPIRIT MTA REIT	COM	84861U105	229	27,419	SH	SOLE	1	27,419	0	0
SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	168	7,470	SH	SOLE	1	7,470	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	60	1,407	SH	SOLE	1	1,407	0	0
SPLUNK INC	COM	848637104	461	3,669	SH	SOLE	1	3,669	0	0
SPOK HOLDINGS INC	COM	84863T106	202	13,429	SH	SOLE	1	13,429	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	102	26,982	SH	SOLE	1	26,982	0	0
SPRINT CORP	COM	85207U105	60	9,182	SH	SOLE	1	9,182	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	4,362	230,909	SH	SOLE	1	230,909	0	0
SPS COMMERCE INC	COM	78463M107	1,376	13,463	SH	SOLE	1	13,463	0	0
SPX CORP	COM	784635104	1,082	32,778	SH	SOLE	1	32,778	0	0
SPX FLOW INC	COM	78469X107	1,318	31,476	SH	SOLE	1	31,476	0	0
SQUARE INC A	COM	852234103	591	8,143	SH	SOLE	1	8,143	0	0
SRC ENERGY INC	COM	78470V108	901	181,637	SH	SOLE	1	181,637	0	0
SS&C TECHNOLOGIES HOLDINGS	COM	78467J100	302	5,236	SH	SOLE	1	5,236	0	0
ST JOE CO/THE	COM	790148100	372	21,515	SH	SOLE	1	21,515	0	0
STAAR SURGICAL CO	COM	852312305	830	28,259	SH	SOLE	1	28,259	0	0
STAG INDUSTRIAL INC	COM	85254J102	2,433	80,448	SH	SOLE	1	80,448	0	0
STAMPS.COM INC	COM	852857200	566	12,507	SH	SOLE	1	12,507	0	0
STANDARD MOTOR PRODS	COM	853666105	711	15,683	SH	SOLE	1	15,683	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	689	9,423	SH	SOLE	1	9,423	0	0

STANLEY BLACK & DECKER INC	COM	854502101	8,493	58,730	SH	SOLE	1	58,730	0	0
STARBUCKS CORP	COM	855244109	44,501	530,845	SH	SOLE	1	530,845	0	0
STARTEK INC	COM	85569C107	85	10,334	SH	SOLE	1	10,334	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	100	4,412	SH	SOLE	1	4,412	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	383	10,945	SH	SOLE	1	10,945	0	0
STATE STREET CORP	COM	857477103	8,993	160,417	SH	SOLE	1	160,417	0	0
STEEL DYNAMICS INC	COM	858119100	13,148	435,360	SH	SOLE	1	435,360	0	0
STEELCASE INC CL A	COM	858155203	946	55,296	SH	SOLE	1	55,296	0	0
STEMLINE THERAPEUTICS INC	COM	85858C107	390	25,472	SH	SOLE	1	25,472	0	0
STEPAN CO	COM	858586100	1,410	15,336	SH	SOLE	1	15,336	0	0
STERICYCLE INC	COM	858912108	7,987	167,260	SH	SOLE	1	167,260	0	0
STERLING BANCORP INC/MI	COM	85917W102	108	10,791	SH	SOLE	1	10,791	0	0
STERLING BANCORP/DE	COM	85917A100	9,962	468,161	SH	SOLE	1	468,161	0	0
STERLING CONSTRUCTION CO	COM	859241101	223	16,602	SH	SOLE	1	16,602	0	0
STEVEN MADDEN LTD	COM	556269108	2,136	62,912	SH	SOLE	1	62,912	0	0
STEWART INFORMATION SERVICES	COM	860372101	713	17,612	SH	SOLE	1	17,612	0	0
STIFEL FINANCIAL CORP	COM	860630102	10,681	180,853	SH	SOLE	1	180,853	0	0
STITCH FIX INC CLASS A	COM	860897107	853	26,668	SH	SOLE	1	26,668	0	0
STOCK YARDS BANCORP INC	COM	861025104	466	12,886	SH	SOLE	1	12,886	0	0
STONERIDGE INC	COM	86183P102	556	17,632	SH	SOLE	1	17,632	0	0
STORE CAPITAL CORP	COM	862121100	111	3,356	SH	SOLE	1	3,356	0	0
STRATEGIC EDUCATION INC	COM	86272C103	2,859	16,061	SH	SOLE	1	16,061	0	0
STRATUS PROPERTIES INC	COM	863167201	121	3,733	SH	SOLE	1	3,733	0	0
STRYKER CORP	COM	863667101	24,096	117,209	SH	SOLE	1	117,209	0	0
STURM RUGER & CO INC	COM	864159108	688	12,622	SH	SOLE	1	12,622	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	189	7,035	SH	SOLE	1	7,035	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	892	77,806	SH	SOLE	1	77,806	0	0
SUMMIT MATERIALS INC CL A	COM	86614U100	1,378	71,561	SH	SOLE	1	71,561	0	0
SUN COMMUNITIES INC	COM	866674104	197	1,536	SH	SOLE	1	1,536	0	0
SUNCOKE ENERGY INC	COM	86722A103	586	65,981	SH	SOLE	1	65,981	0	0
SUNPOWER CORP	COM	867652406	428	39,999	SH	SOLE	1	39,999	0	0
SUNRUN INC	COM	86771W105	1,320	70,344	SH	SOLE	1	70,344	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,990	145,174	SH	SOLE	1	145,174	0	0
SUNTRUST BANKS INC	COM	867914103	11,796	187,679	SH	SOLE	1	187,679	0	0
SUPERIOR ENERGY SERVICES INC	COM	868157108	152	116,554	SH	SOLE	1	116,554	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	116	6,772	SH	SOLE	1	6,772	0	0
SUPERIOR INDUSTRIES INTL	COM	868168105	9	2,631	SH	SOLE	1	2,631	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	1,235	37,321	SH	SOLE	1	37,321	0	0
SURGERY PARTNERS INC	COM	86881A100	124	15,283	SH	SOLE	1	15,283	0	0
SURMODICS INC	COM	868873100	426	9,859	SH	SOLE	1	9,859	0	0

SUTRO BIOPHARMA INC	COM	869367102	79	6,918	SH	SOLE	1	6,918	0	0
SVB FINANCIAL GROUP	COM	78486Q101	4,749	21,143	SH	SOLE	1	21,143	0	0
SVMK INC	COM	78489X103	881	53,355	SH	SOLE	1	53,355	0	0
SWITCH INC A	COM	87105L104	19	1,434	SH	SOLE	1	1,434	0	0
SYKES ENTERPRISES INC	COM	871237103	807	29,377	SH	SOLE	1	29,377	0	0
SYMANTEC CORP	COM	871503108	5,456	250,753	SH	SOLE	1	250,753	0	0
SYNALLOY CORP	COM	871565107	83	5,287	SH	SOLE	1	5,287	0	0
SYNAPTICS INC	COM	87157D109	2,593	88,972	SH	SOLE	1	88,972	0	0
SYNCHRONOSS TECHNOLOGIES INC	COM	87157B103	193	24,330	SH	SOLE	1	24,330	0	0
SYNCHRONY FINANCIAL	COM	87165B103	8,718	251,462	SH	SOLE	1	251,462	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	119	12,782	SH	SOLE	1	12,782	0	0
SYNEOS HEALTH INC	COM	87166B102	8,083	158,208	SH	SOLE	1	158,208	0	0
SYNOLOGIC INC	COM	87166L100	91	9,979	SH	SOLE	1	9,979	0	0
SYNNEX CORP	COM	87162W100	7,976	81,054	SH	SOLE	1	81,054	0	0
SYNOPSYS INC	COM	871607107	8,174	63,515	SH	SOLE	1	63,515	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	10,770	307,700	SH	SOLE	1	307,700	0	0
SYNTHORX INC	COM	87167A103	63	4,666	SH	SOLE	1	4,666	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	204	22,034	SH	SOLE	1	22,034	0	0
SYSCO CORP	COM	871829107	10,780	152,433	SH	SOLE	1	152,433	0	0
SYSTEMAX INC	COM	871851101	174	7,865	SH	SOLE	1	7,865	0	0
T MOBILE US INC	COM	872590104	3,855	51,990	SH	SOLE	1	51,990	0	0
T ROWE PRICE GROUP INC	COM	74144T108	15,054	137,218	SH	SOLE	1	137,218	0	0
TABLEAU SOFTWARE INC CL A	COM	87336U105	308	1,856	SH	SOLE	1	1,856	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	723	14,482	SH	SOLE	1	14,482	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	768	13,498	SH	SOLE	1	13,498	0	0
TAILORED BRANDS INC	COM	87403A107	216	37,501	SH	SOLE	1	37,501	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	5,101	44,934	SH	SOLE	1	44,934	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	189	4,963	SH	SOLE	1	4,963	0	0
TALOS ENERGY INC	COM	87484T108	308	12,800	SH	SOLE	1	12,800	0	0
TANDEM DIABETES CARE INC	COM	875372203	2,277	35,292	SH	SOLE	1	35,292	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	3,898	240,445	SH	SOLE	1	240,445	0	0
TAPESTRY INC	COM	876030107	3,632	114,459	SH	SOLE	1	114,459	0	0
TARGA RESOURCES CORP	COM	87612G101	146	3,708	SH	SOLE	1	3,708	0	0
TARGET CORP	COM	87612E106	14,601	168,589	SH	SOLE	1	168,589	0	0
TARGET HOSPITALITY CORP	COM	87615L107	191	20,998	SH	SOLE	1	20,998	0	0
TATA MOTORS LTD SPON ADR	ADR	876568502	10	824	SH	SOLE	1	824	0	0
TAUBMAN CENTERS INC	COM	876664103	4,878	119,461	SH	SOLE	1	119,461	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	1,430	68,238	SH	SOLE	1	68,238	0	0
TCF FINANCIAL CORP	COM	872275102	6,668	320,724	SH	SOLE	1	320,724	0	0
TCR2 THERAPEUTICS INC	COM	87808K106	16	1,129	SH	SOLE	1	1,129	0	0
TEAM INC	COM	878155100	343	22,385	SH	SOLE	1	22,385	0	0

TECH DATA CORP	COM	878237106	9,843	94,105	SH	SOLE	1	94,105	0	0
TECHTARGET	COM	87874R100	359	16,916	SH	SOLE	1	16,916	0	0
TEGNA INC	COM	87901J105	8,446	557,470	SH	SOLE	1	557,470	0	0
TEJON RANCH CO	COM	879080109	222	13,352	SH	SOLE	1	13,352	0	0
TELADOC HEALTH INC	COM	87918A105	3,016	45,422	SH	SOLE	1	45,422	0	0
TELARIA INC	COM	879181105	207	27,484	SH	SOLE	1	27,484	0	0
TELECOM ARGENTINA SA SP ADR	ADR	879273209	18	994	SH	SOLE	1	994	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	19,387	70,790	SH	SOLE	1	70,790	0	0
TELEFLEX INC	COM	879369106	5,565	16,805	SH	SOLE	1	16,805	0	0
TELENAV INC	COM	879455103	161	20,121	SH	SOLE	1	20,121	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	5,584	183,683	SH	SOLE	1	183,683	0	0
TELLURIAN INC	COM	87968A104	471	60,045	SH	SOLE	1	60,045	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	6,618	90,199	SH	SOLE	1	90,199	0	0
TENABLE HOLDINGS INC	COM	88025T102	672	23,542	SH	SOLE	1	23,542	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	15	1,000	SH	SOLE	1	1,000	0	0
TENET HEALTHCARE CORP	COM	88033G407	4,695	227,273	SH	SOLE	1	227,273	0	0
TENNANT CO	COM	880345103	827	13,510	SH	SOLE	1	13,510	0	0
TENNECO INC CLASS A	COM	880349105	358	32,269	SH	SOLE	1	32,269	0	0
TERADATA CORP	COM	88076W103	8,236	229,738	SH	SOLE	1	229,738	0	0
TERADYNE INC	COM	880770102	16,111	336,267	SH	SOLE	1	336,267	0	0
TEREX CORP	COM	880779103	5,078	161,701	SH	SOLE	1	161,701	0	0
TERRAFORM POWER INC A	COM	88104R209	665	46,478	SH	SOLE	1	46,478	0	0
TERRENO REALTY CORP	COM	88146M101	1,939	39,529	SH	SOLE	1	39,529	0	0
TERRITORIAL BANCORP INC	COM	88145X108	153	4,953	SH	SOLE	1	4,953	0	0
TESLA INC	COM	88160R101	2,411	10,788	SH	SOLE	1	10,788	0	0
TESSCO TECHNOLOGIES INC	COM	872386107	70	3,933	SH	SOLE	1	3,933	0	0
TETRA TECH INC	COM	88162G103	3,217	40,955	SH	SOLE	1	40,955	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	149	91,365	SH	SOLE	1	91,365	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,088	117,823	SH	SOLE	1	117,823	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	6,028	98,222	SH	SOLE	1	98,222	0	0
TEXAS INSTRUMENTS INC	COM	882508104	456,414	3,977,121	SH	SOLE	1	3,977,121	0	0
TEXAS ROADHOUSE INC	COM	882681109	9,274	172,800	SH	SOLE	1	172,800	0	0
TEXTRON INC	COM	883203101	4,263	80,369	SH	SOLE	1	80,369	0	0
TFS FINANCIAL CORP	COM	87240R107	14	788	SH	SOLE	1	788	0	0
TG THERAPEUTICS INC	COM	88322Q108	432	49,991	SH	SOLE	1	49,991	0	0
THE BANK OF PRINCETON	COM	064520109	107	3,571	SH	SOLE	1	3,571	0	0
THERAPEUTICSMD INC	COM	88338N107	326	125,255	SH	SOLE	1	125,255	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	44,341	150,985	SH	SOLE	1	150,985	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	530	20,674	SH	SOLE	1	20,674	0	0
THOR INDUSTRIES INC	COM	885160101	6,311	107,981	SH	SOLE	1	107,981	0	0
TIDEWATER INC	COM	88642R109	563	23,972	SH	SOLE	1	23,972	0	0
TIDEWATER INC NEW	COM	88642R109	54,972	2,341,223	SH	SOLE	2	2,341,223	0	0
TIFFANY & CO	COM	886547108	3,613	38,580	SH	SOLE	1	38,580	0	0
TILE SHOP HLDGS INC	COM	88677Q109	117	29,198	SH	SOLE	1	29,198	0	0

TILLY S INC CLASS A SHRS	COM	886885102	105	13,815	SH	SOLE	1	13,815	0	0
TIMBERLAND BANCORP INC	COM	887098101	141	4,717	SH	SOLE	1	4,717	0	0
TIMKEN CO	COM	887389104	6,871	133,826	SH	SOLE	1	133,826	0	0
TIMKENSTEEL CORP	COM	887399103	245	30,077	SH	SOLE	1	30,077	0	0
TIPTREE INC	COM	88822Q103	100	15,814	SH	SOLE	1	15,814	0	0
TITAN INTERNATIONAL INC	COM	88830M102	184	37,631	SH	SOLE	1	37,631	0	0
TITAN MACHINERY INC	COM	88830R101	248	12,044	SH	SOLE	1	12,044	0	0
TIVITY HEALTH INC	COM	88870R102	586	35,617	SH	SOLE	1	35,617	0	0
TIVO CORP	COM	88870P106	680	92,208	SH	SOLE	1	92,208	0	0
TJX COMPANIES INC	COM	872540109	23,848	450,990	SH	SOLE	1	450,990	0	0
TOCAGEN INC	COM	888846102	90	13,491	SH	SOLE	1	13,491	0	0
TOLL BROTHERS INC	COM	889478103	9,471	258,639	SH	SOLE	1	258,639	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	880	10,787	SH	SOLE	1	10,787	0	0
TOOTSIE ROLL INDS	COM	890516107	1,740	47,125	SH	SOLE	1	47,125	0	0
TOPBUILD CORP	COM	89055F103	2,110	25,501	SH	SOLE	1	25,501	0	0
TORCHMARK CORP	COM	891027104	3,091	34,555	SH	SOLE	1	34,555	0	0
TORO CO	COM	891092108	13,969	208,810	SH	SOLE	1	208,810	0	0
TOTAL SYSTEM SERVICES INC	COM	891906109	8,064	62,870	SH	SOLE	1	62,870	0	0
TOWER INTERNATIONAL INC	COM	891826109	248	12,699	SH	SOLE	1	12,699	0	0
TOWNE BANK	COM	89214P109	1,156	42,386	SH	SOLE	1	42,386	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	608	31,525	SH	SOLE	1	31,525	0	0
TPI COMPOSITES INC	COM	87266J104	454	18,366	SH	SOLE	1	18,366	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	4,500	41,363	SH	SOLE	1	41,363	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	211	926	SH	SOLE	1	926	0	0
TRANSCAT INC	COM	893529107	111	4,335	SH	SOLE	1	4,335	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	17	675	SH	SOLE	1	675	0	0
TRANSDIGM GROUP INC	COM	893641100	8,083	16,707	SH	SOLE	1	16,707	0	0
TRANSENTERIX INC	COM	89366M201	159	117,027	SH	SOLE	1	117,027	0	0
TRANSLATE BIO INC	COM	89374L104	236	18,677	SH	SOLE	1	18,677	0	0
TRANSMEDICS GROUP INC	COM	89377M109	122	4,197	SH	SOLE	1	4,197	0	0
TRANSPORTADOR GAS SUR SP B	ADR	893870204	10	663	SH	SOLE	1	663	0	0
TRANSUNION	COM	89400J107	336	4,575	SH	SOLE	1	4,575	0	0
TRAVELERS COS INC/THE	COM	89417E109	19,776	132,265	SH	SOLE	1	132,265	0	0
TRAVELZOO	COM	89421Q205	52	3,381	SH	SOLE	1	3,381	0	0
TRECORA RESOURCES	COM	894648104	130	13,571	SH	SOLE	1	13,571	0	0
TREDEGAR CORP	COM	894650100	324	19,479	SH	SOLE	1	19,479	0	0
TREEHOUSE FOODS INC	COM	89469A104	5,937	109,750	SH	SOLE	1	109,750	0	0
TREX COMPANY INC	COM	89531P105	10,807	150,723	SH	SOLE	1	150,723	0	0
TRI POINTE GROUP INC	COM	87265H109	4,374	365,432	SH	SOLE	1	365,432	0	0
TRIBUNE MEDIA CO A	COM	896047503	66	1,420	SH	SOLE	1	1,420	0	0
TRIBUNE PUBLISHING CO	COM	89609W107	89	11,137	SH	SOLE	1	11,137	0	0
TRICIDA INC	COM	89610F101	548	13,882	SH	SOLE	1	13,882	0	0
TRICO BANCSHARES	COM	896095106	643	17,019	SH	SOLE	1	17,019	0	0
TRIMAS CORP	COM	896215209	895	28,911	SH	SOLE	1	28,911	0	0
TRIMBLE INC	COM	896239100	22,193	491,971	SH	SOLE	1	491,971	0	0
TRINET GROUP INC	COM	896288107	1,927	28,420	SH	SOLE	1	28,420	0	0
TRINITY INDUSTRIES	COM	896522109	5,256	253,295	SH	SOLE	1	253,295	0	0

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TRIPADVISOR INC	COM	896945201	2,551	55,107	SH	SOLE	1	55,107	0	0	
TRIPLE S MANAGEMENT CORP B	COM	896749108	330	13,852	SH	SOLE	1	13,852	0	0	
TRISTATE CAPITAL HLDGS INC	COM	89678F100	331	15,532	SH	SOLE	1	15,532	0	0	
TRIUMPH BANCORP INC	COM	89679E300	536	18,455	SH	SOLE	1	18,455	0	0	
TRIUMPH GROUP INC	COM	896818101	852	37,225	SH	SOLE	1	37,225	0	0	
TRUEBLUE INC	COM	89785X101	660	29,922	SH	SOLE	1	29,922	0	0	
TRUECAR INC	COM	89785L107	360	65,857	SH	SOLE	1	65,857	0	0	
TRUPANION INC	COM	898202106	653	18,079	SH	SOLE	1	18,079	0	0	
TRUSTCO BANK CORP NY	COM	898349105	566	71,499	SH	SOLE	1	71,499	0	0	
TRUSTMARK CORP	COM	898402102	5,531	166,349	SH	SOLE	1	166,349	0	0	
TTEC HOLDINGS INC	COM	89854H102	498	10,689	SH	SOLE	1	10,689	0	0	
TTM TECHNOLOGIES	COM	87305R109	752	73,678	SH	SOLE	1	73,678	0	0	
TUCOWS INC CLASS A	COM	898697206	366	6,002	SH	SOLE	1	6,002	0	0	
TUPPERWARE BRANDS CORP	COM	899896104	2,388	125,461	SH	SOLE	1	125,461	0	0	
TURNING POINT BRANDS INC	COM	90041L105	258	5,262	SH	SOLE	1	5,262	0	0	
TURNING POINT THERAPEUTICS I	COM	90041T108	172	4,223	SH	SOLE	1	4,223	0	0	
TUTOR PERINI CORP	COM	901109108	352	25,365	SH	SOLE	1	25,365	0	0	
TWILIO INC A	COM	90138F102	385	2,822	SH	SOLE	1	2,822	0	0	
TWIN DISC INC	COM	901476101	98	6,490	SH	SOLE	1	6,490	0	0	
TWIN RIVER WORLDWIDE HOLDING	COM	90171V204	396	13,315	SH	SOLE	1	13,315	0	0	
TWIST BIOSCIENCE CORP	COM	90184D100	392	13,520	SH	SOLE	1	13,520	0	0	
TWITTER INC	COM	90184L102	9,824	281,477	SH	SOLE	1	281,477	0	0	
TWO HARBORS INVESTMENT CORP	COM	90187B408	56	4,396	SH	SOLE	1	4,396	0	0	
TYLER TECHNOLOGIES INC	COM	902252105	16,247	75,212	SH	SOLE	1	75,212	0	0	
TYME TECHNOLOGIES INC	COM	90238J103	46	37,532	SH	SOLE	1	37,532	0	0	
TYSON FOODS INC CL A	COM	902494103	24,593	304,593	SH	SOLE	1	304,593	0	0	
U.S. PHYSICAL THERAPY INC	COM	90337L108	1,158	9,445	SH	SOLE	1	9,445	0	0	
UBIQUITI NETWORKS INC	COM	90347A100	48	368	SH	SOLE	1	368	0	0	
UDR INC	COM	902653104	4,297	95,728	SH	SOLE	1	95,728	0	0	
UFP TECHNOLOGIES INC	COM	902673102	179	4,296	SH	SOLE	1	4,296	0	0	
UGI CORP	COM	902681105	18,176	340,310	SH	SOLE	1	340,310	0	0	
ULTA BEAUTY INC	COM	90384S303	8,200	23,640	SH	SOLE	1	23,640	0	0	
ULTRA CLEAN HOLDINGS INC	COM	90385V107	408	29,315	SH	SOLE	1	29,315	0	0	
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	2,206	34,747	SH	SOLE	1	34,747	0	0	
UMB FINANCIAL CORP	COM	902788108	7,487	113,750	SH	SOLE	1	113,750	0	0	
UMH PROPERTIES INC	COM	903002103	276	22,275	SH	SOLE	1	22,275	0	0	
UMPQUA HOLDINGS CORP	COM	904214103	7,147	430,772	SH	SOLE	1	430,772	0	0	
UNDER ARMOUR INC CLASS A	COM	904311107	1,638	64,632	SH	SOLE	1	64,632	0	0	
UNDER ARMOUR INC CLASS C	COM	904311206	1,789	80,595	SH	SOLE	1	80,595	0	0	
UNIFI INC	COM	904677200	197	10,827	SH	SOLE	1	10,827	0	0	
UNIFIRST CORP/MA	COM	904708104	2,145	11,376	SH	SOLE	1	11,376	0	0	
UNION BANKSHARES INC /VT	COM	905400107	92	2,475	SH	SOLE	1	2,475	0	0	

UNION PACIFIC CORP	COM	907818108	38,117	225,400	SH	SOLE	1	225,400	0	0
UNISYS CORP	COM	909214306	372	38,288	SH	SOLE	1	38,288	0	0
UNIT CORP	COM	909218109	356	40,096	SH	SOLE	1	40,096	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	9,181	104,870	SH	SOLE	1	104,870	0	0
UNITED BANKSHARES INC	COM	909907107	9,641	259,926	SH	SOLE	1	259,926	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,688	59,101	SH	SOLE	1	59,101	0	0
UNITED COMMUNITY FINANCIAL	COM	909839102	291	30,378	SH	SOLE	1	30,378	0	0
UNITED FINANCIAL BANCORP INC	COM	910304104	458	32,284	SH	SOLE	1	32,284	0	0
UNITED FIRE GROUP INC	COM	910340108	771	15,908	SH	SOLE	1	15,908	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	222	15,570	SH	SOLE	1	15,570	0	0
UNITED NATURAL FOODS INC	COM	911163103	344	38,318	SH	SOLE	1	38,318	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	27,168	263,075	SH	SOLE	1	263,075	0	0
UNITED RENTALS INC	COM	911363109	4,001	30,165	SH	SOLE	1	30,165	0	0
UNITED SECURITY BANCSHARE/CA	COM	911460103	98	8,563	SH	SOLE	1	8,563	0	0
UNITED STATES LIME & MINERAL	COM	911922102	102	1,275	SH	SOLE	1	1,275	0	0
UNITED STATES STEEL CORP	COM	912909108	5,156	336,806	SH	SOLE	1	336,806	0	0
UNITED TECHNOLOGIES CORP	COM	913017109	47,036	361,262	SH	SOLE	1	361,262	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	6,681	85,587	SH	SOLE	1	85,587	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	76,307	312,721	SH	SOLE	1	312,721	0	0
UNITI GROUP INC	COM	91325V108	4,509	474,510	SH	SOLE	1	474,510	0	0
UNITIL CORP	COM	913259107	556	9,283	SH	SOLE	1	9,283	0	0
UNITY BANCORP INC	COM	913290102	114	5,015	SH	SOLE	1	5,015	0	0
UNITY BIOTECHNOLOGY INC	COM	91381U101	161	16,970	SH	SOLE	1	16,970	0	0
UNIVAR INC	COM	91336L107	56	2,556	SH	SOLE	1	2,556	0	0
UNIVERSAL CORP/VA	COM	913456109	1,122	18,455	SH	SOLE	1	18,455	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	15,678	83,366	SH	SOLE	1	83,366	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	415	10,124	SH	SOLE	1	10,124	0	0
UNIVERSAL FOREST PRODUCTS	COM	913543104	1,707	44,854	SH	SOLE	1	44,854	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	815	9,594	SH	SOLE	1	9,594	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	3,661	28,080	SH	SOLE	1	28,080	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	651	23,350	SH	SOLE	1	23,350	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	120	5,356	SH	SOLE	1	5,356	0	0
UNIVEST FINANCIAL CORP	COM	915271100	480	18,292	SH	SOLE	1	18,292	0	0
UNUM GROUP	COM	91529Y106	2,454	73,152	SH	SOLE	1	73,152	0	0
UPLAND SOFTWARE INC	COM	91544A109	651	14,291	SH	SOLE	1	14,291	0	0
UPWORK INC	COM	91688F104	562	34,921	SH	SOLE	1	34,921	0	0
URANIUM ENERGY CORP	COM	916896103	155	113,339	SH	SOLE	1	113,339	0	0
URBAN EDGE PROPERTIES	COM	91704F104	5,312	306,505	SH	SOLE	1	306,505	0	0
URBAN OUTFITTERS	COM	917047102	3,050	134,051	SH	SOLE	1	134,051	0	0

INC										
URSTADT BIDDLE CLASS A	COM	917286205	466	22,212	SH	SOLE	1	22,212	0	0
US BANCORP	COM	902973304	32,217	614,824	SH	SOLE	1	614,824	0	0
US CELLULAR CORP	COM	911684108	11	246	SH	SOLE	1	246	0	0
US CONCRETE INC	COM	90333L201	594	11,959	SH	SOLE	1	11,959	0	0
US ECOLOGY INC	COM	91732J102	985	16,545	SH	SOLE	1	16,545	0	0
US FOODS HOLDING CORP	COM	912008109	126	3,536	SH	SOLE	1	3,536	0	0
US SILICA HOLDINGS INC	COM	90346E103	703	54,992	SH	SOLE	1	54,992	0	0
US WELL SERVICES INC	COM	91274U101	62	12,761	SH	SOLE	1	12,761	0	0
US XPRESS ENTERPRISES INC A	COM	90338N202	71	13,884	SH	SOLE	1	13,884	0	0
USA TECHNOLOGIES INC	COM	90328S500	278	37,441	SH	SOLE	1	37,441	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	803	10,113	SH	SOLE	1	10,113	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	212	2,213	SH	SOLE	1	2,213	0	0
VAIL RESORTS INC	COM	91879Q109	211	947	SH	SOLE	1	947	0	0
VALERO ENERGY CORP	COM	91913Y100	14,767	172,486	SH	SOLE	1	172,486	0	0
VALHI INC	COM	918905100	55	18,415	SH	SOLE	1	18,415	0	0
VALLEY NATIONAL BANCORP	COM	919794107	9,155	849,228	SH	SOLE	1	849,228	0	0
VALMONT INDUSTRIES	COM	920253101	5,414	42,696	SH	SOLE	1	42,696	0	0
VALUE LINE INC	COM	920437100	19	674	SH	SOLE	1	674	0	0
VALVOLINE INC	COM	92047W101	7,181	367,693	SH	SOLE	1	367,693	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	552	39,143	SH	SOLE	1	39,143	0	0
VAPOTHERM INC	COM	922107107	68	2,960	SH	SOLE	1	2,960	0	0
VAREX IMAGING CORP	COM	92214X106	868	28,304	SH	SOLE	1	28,304	0	0
VARIAN MEDICAL SYSTEMS INC	COM	92220P105	4,245	31,184	SH	SOLE	1	31,184	0	0
VARONIS SYSTEMS INC	COM	922280102	1,168	18,856	SH	SOLE	1	18,856	0	0
VBI VACCINES INC	COM	91822J103	63	53,353	SH	SOLE	1	53,353	0	0
VECTOR GROUP LTD	COM	92240M108	655	67,205	SH	SOLE	1	67,205	0	0
VECTRUS INC	COM	92242T101	291	7,180	SH	SOLE	1	7,180	0	0
VEDANTA LTD ADR	ADR	92242Y100	26	2,524	SH	SOLE	1	2,524	0	0
VEECO INSTRUMENTS INC	COM	922417100	442	36,157	SH	SOLE	1	36,157	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	505	3,113	SH	SOLE	1	3,113	0	0
VENTAS INC	COM	92276F100	9,455	138,333	SH	SOLE	1	138,333	0	0
VERA BRADLEY INC	COM	92335C106	185	15,397	SH	SOLE	1	15,397	0	0
VERACYTE INC	COM	92337F107	845	29,622	SH	SOLE	1	29,622	0	0
VEREIT INC	COM	92339V100	142	15,783	SH	SOLE	1	15,783	0	0
VERICEL CORP	COM	92346J108	528	27,960	SH	SOLE	1	27,960	0	0
VERINT SYSTEMS INC	COM	92343X100	2,238	41,611	SH	SOLE	1	41,611	0	0
VERISIGN INC	COM	92343E102	9,891	47,290	SH	SOLE	1	47,290	0	0
VERISK ANALYTICS INC	COM	92345Y106	10,774	73,561	SH	SOLE	1	73,561	0	0
VERITEX HOLDINGS INC	COM	923451108	1,003	38,635	SH	SOLE	1	38,635	0	0
VERITIV CORP	COM	923454102	188	9,706	SH	SOLE	1	9,706	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	442,358	7,743,009	SH	SOLE	1	7,743,009	0	0
VERRA MOBILITY CORP	COM	92511U102	820	62,631	SH	SOLE	1	62,631	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	95	8,198	SH	SOLE	1	8,198	0	0
VERSO CORP A	COM	92531L207	422	22,170	SH	SOLE	1	22,170	0	0
VERSUM MATERIALS	COM	92532W103	11,055	214,329	SH	SOLE	1	214,329	0	0

INC											
VERTEX PHARMACEUTICALS INC	COM	92532F100	19,981	108,961	SH	SOLE	1	108,961	0	0	
VF CORP	COM	918204108	9,059	103,704	SH	SOLE	1	103,704	0	0	
VIACOM INC CLASS A	COM	92553P102	6	162	SH	SOLE	1	162	0	0	
VIACOM INC CLASS B	COM	92553P201	4,220	141,280	SH	SOLE	1	141,280	0	0	
VIAD CORP	COM	92552R406	998	15,070	SH	SOLE	1	15,070	0	0	
VIASAT INC	COM	92552V100	8,993	111,269	SH	SOLE	1	111,269	0	0	
VIAVI SOLUTIONS INC	COM	925550105	2,289	172,242	SH	SOLE	1	172,242	0	0	
VICI PROPERTIES INC	COM	925652109	160	7,238	SH	SOLE	1	7,238	0	0	
VICOR CORP	COM	925815102	409	13,170	SH	SOLE	1	13,170	0	0	
VIEWRAY INC	COM	92672L107	389	44,148	SH	SOLE	1	44,148	0	0	
VIKING THERAPEUTICS INC	COM	92686J106	342	41,261	SH	SOLE	1	41,261	0	0	
VILLAGE SUPER MARKET CLASS A	COM	927107409	139	5,247	SH	SOLE	1	5,247	0	0	
VINCE HOLDING CORP	COM	92719W207	27	1,961	SH	SOLE	1	1,961	0	0	
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	48	5,533	SH	SOLE	1	5,533	0	0	
VIRNETX HOLDING CORP	COM	92823T108	239	38,535	SH	SOLE	1	38,535	0	0	
VIRTU FINANCIAL INC CLASS A	COM	928254101	20	926	SH	SOLE	1	926	0	0	
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	540	5,028	SH	SOLE	1	5,028	0	0	
VIRTUSA CORP	COM	92827P102	953	21,452	SH	SOLE	1	21,452	0	0	
VISA INC CLASS A SHARES	COM	92826C839	111,332	641,499	SH	SOLE	1	641,499	0	0	
VISHAY INTERTECHNOLOGY INC	COM	928298108	5,630	340,790	SH	SOLE	1	340,790	0	0	
VISHAY PRECISION GROUP	COM	92835K103	269	6,632	SH	SOLE	1	6,632	0	0	
VISTA OUTDOOR INC	COM	928377100	385	43,340	SH	SOLE	1	43,340	0	0	
VISTEON CORP	COM	92839U206	4,262	72,744	SH	SOLE	1	72,744	0	0	
VISTRA ENERGY CORP	COM	92840M102	153	6,740	SH	SOLE	1	6,740	0	0	
VITAMIN SHOPPE INC	COM	92849E101	7	1,776	SH	SOLE	1	1,776	0	0	
VIVINT SOLAR INC	COM	92854Q106	202	27,729	SH	SOLE	1	27,729	0	0	
VOCERA COMMUNICATIONS INC	COM	92857F107	626	19,596	SH	SOLE	1	19,596	0	0	
VONAGE HOLDINGS CORP	COM	92886T201	1,919	169,402	SH	SOLE	1	169,402	0	0	
VORNADO REALTY TRUST	COM	929042109	3,781	58,983	SH	SOLE	1	58,983	0	0	
VOYA FINANCIAL INC	COM	929089100	133	2,411	SH	SOLE	1	2,411	0	0	
VOYAGER THERAPEUTICS INC	COM	92915B106	418	15,350	SH	SOLE	1	15,350	0	0	
VSE CORP	COM	918284100	159	5,544	SH	SOLE	1	5,544	0	0	
VULCAN MATERIALS CO	COM	929160109	7,344	53,486	SH	SOLE	1	53,486	0	0	
W&T OFFSHORE INC	COM	92922P106	297	59,868	SH	SOLE	1	59,868	0	0	
WABASH NATIONAL CORP	COM	929566107	668	41,051	SH	SOLE	1	41,051	0	0	
WABCO HOLDINGS INC	COM	92927K102	157	1,181	SH	SOLE	1	1,181	0	0	
WABTEC CORP	COM	929740108	4,457	62,105	SH	SOLE	1	62,105	0	0	
WADDELL & REED FINANCIAL A	COM	930059100	929	55,705	SH	SOLE	1	55,705	0	0	
WAGeworks INC	COM	930427109	1,523	29,981	SH	SOLE	1	29,981	0	0	
WAITR HOLDINGS INC	COM	930752100	210	33,355	SH	SOLE	1	33,355	0	0	
WALGREENS BOOTS ALLIANCE INC	COM	931427108	34,547	631,923	SH	SOLE	1	631,923	0	0	
WALKER & DUNLOP INC	COM	93148P102	1,109	20,835	SH	SOLE	1	20,835	0	0	

WALMART INC	COM	931142103	50,858	460,297	SH	SOLE	1	460,297	0	0
WALT DISNEY CO/THE	COM	254687106	93,291	668,079	SH	SOLE	1	668,079	0	0
WARRIOR MET COAL INC	COM	93627C101	859	32,873	SH	SOLE	1	32,873	0	0
WASHINGTON FEDERAL INC	COM	938824109	7,224	206,826	SH	SOLE	1	206,826	0	0
WASHINGTON PRIME GROUP INC	COM	93964W108	535	140,061	SH	SOLE	1	140,061	0	0
WASHINGTON REIT	COM	939653101	1,607	60,131	SH	SOLE	1	60,131	0	0
WASHINGTON TRUST BANCORP	COM	940610108	502	9,615	SH	SOLE	1	9,615	0	0
WASTE MANAGEMENT INC	COM	94106L109	17,351	150,393	SH	SOLE	1	150,393	0	0
WATERS CORP	COM	941848103	5,686	26,416	SH	SOLE	1	26,416	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	264	15,468	SH	SOLE	1	15,468	0	0
WATSCO INC	COM	942622200	10,297	62,965	SH	SOLE	1	62,965	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	1,930	20,708	SH	SOLE	1	20,708	0	0
WAYFAIR INC CLASS A	COM	94419L101	219	1,503	SH	SOLE	1	1,503	0	0
WD 40 CO	COM	929236107	1,640	10,310	SH	SOLE	1	10,310	0	0
WEBSTER FINANCIAL CORP	COM	947890109	8,599	180,014	SH	SOLE	1	180,014	0	0
WEC ENERGY GROUP INC	COM	92939U106	13,753	164,960	SH	SOLE	1	164,960	0	0
WEIBO CORP SPON ADR	ADR	948596101	30	693	SH	SOLE	1	693	0	0
WEIGHT WATCHERS INTL INC	COM	948626106	2,006	105,010	SH	SOLE	1	105,010	0	0
WEINGARTEN REALTY INVESTORS	COM	948741103	6,410	233,773	SH	SOLE	1	233,773	0	0
WEIS MARKETS INC	COM	948849104	221	6,068	SH	SOLE	1	6,068	0	0
WELBILT INC	COM	949090104	1,380	82,585	SH	SOLE	1	82,585	0	0
WELLCARE HEALTH PLANS INC	COM	94946T106	8,514	29,866	SH	SOLE	1	29,866	0	0
WELLS FARGO & CO	COM	949746101	62,984	1,331,026	SH	SOLE	1	1,331,026	0	0
WELLTOWER INC	COM	95040Q104	12,601	154,557	SH	SOLE	1	154,557	0	0
WENDY S CO/THE	COM	95058W100	7,003	357,665	SH	SOLE	1	357,665	0	0
WERNER ENTERPRISES INC	COM	950755108	3,504	112,737	SH	SOLE	1	112,737	0	0
WESBANCO INC	COM	950810101	1,295	33,601	SH	SOLE	1	33,601	0	0
WESCO AIRCRAFT HOLDINGS INC	COM	950814103	376	33,863	SH	SOLE	1	33,863	0	0
WESCO INTERNATIONAL INC	COM	95082P105	37	724	SH	SOLE	1	724	0	0
WEST BANCORPORATION	COM	95123P106	216	10,170	SH	SOLE	1	10,170	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	18,024	144,022	SH	SOLE	1	144,022	0	0
WESTAMERICA BANCORPORATION	COM	957090103	1,210	19,644	SH	SOLE	1	19,644	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	74	1,652	SH	SOLE	1	1,652	0	0
WESTERN ASSET MORTGAGE CAPIT	COM	95790D105	299	29,949	SH	SOLE	1	29,949	0	0
WESTERN DIGITAL CORP	COM	958102105	316,676	6,659,862	SH	SOLE	1	6,659,862	0	0
WESTERN NEW ENGLAND BANCORP	COM	958892101	143	15,326	SH	SOLE	1	15,326	0	0
WESTERN UNION CO	COM	959802109	3,717	186,859	SH	SOLE	1	186,859	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	40	572	SH	SOLE	1	572	0	0
WESTROCK CO	COM	96145D105	4,976	136,446	SH	SOLE	1	136,446	0	0
WESTWOOD HOLDINGS	COM	961765104	183	5,194	SH	SOLE	1	5,194	0	0

GROUP INC										
WEX INC	COM	96208T104	17,658	84,852	SH	SOLE	1	84,852	0	0
WEYCO GROUP INC	COM	962149100	104	3,904	SH	SOLE	1	3,904	0	0
WEYERHAEUSER CO	COM	962166104	7,317	277,802	SH	SOLE	1	277,802	0	0
WHIRLPOOL CORP	COM	963320106	395,813	2,780,365	SH	SOLE	1	2,780,365	0	0
WHITESTONE REIT	COM	966084204	364	28,659	SH	SOLE	1	28,659	0	0
WHITING PETROLEUM CORP	COM	966387409	1,276	68,253	SH	SOLE	1	68,253	0	0
WIDOPENWEST INC	COM	96758W101	114	15,667	SH	SOLE	1	15,667	0	0
WILEY (JOHN) & SONS CLASS A	COM	968223206	4,036	88,017	SH	SOLE	1	88,017	0	0
WILLDAN GROUP INC	COM	96924N100	235	6,321	SH	SOLE	1	6,321	0	0
WILLIAM LYON HOMES CL A	COM	552074700	437	23,964	SH	SOLE	1	23,964	0	0
WILLIAMS COS INC	COM	969457100	11,733	418,430	SH	SOLE	1	418,430	0	0
WILLIAMS SONOMA INC	COM	969904101	12,161	187,097	SH	SOLE	1	187,097	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	108	1,856	SH	SOLE	1	1,856	0	0
WILLSCOT CORP	COM	971375126	494	32,844	SH	SOLE	1	32,844	0	0
WINGSTOP INC	COM	974155103	2,085	22,010	SH	SOLE	1	22,010	0	0
WINMARK CORP	COM	974250102	269	1,555	SH	SOLE	1	1,555	0	0
WINNEBAGO INDUSTRIES	COM	974637100	892	23,084	SH	SOLE	1	23,084	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	8,099	110,699	SH	SOLE	1	110,699	0	0
WIPRO LTD ADR	ADR	97651M109	49	11,420	SH	SOLE	1	11,420	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	606	98,177	SH	SOLE	1	98,177	0	0
WNS HOLDINGS LTD ADR	ADR	92932M101	39	651	SH	SOLE	1	651	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	1,809	65,673	SH	SOLE	1	65,673	0	0
WOODWARD INC	COM	980745103	12,401	109,584	SH	SOLE	1	109,584	0	0
WORKDAY INC CLASS A	COM	98138H101	2,027	9,859	SH	SOLE	1	9,859	0	0
WORKIVA INC	COM	98139A105	1,295	22,287	SH	SOLE	1	22,287	0	0
WORLD ACCEPTANCE CORP	COM	981419104	813	4,955	SH	SOLE	1	4,955	0	0
WORLD FUEL SERVICES CORP	COM	981475106	6,203	172,504	SH	SOLE	1	172,504	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	6,185	85,657	SH	SOLE	1	85,657	0	0
WORTHINGTON INDUSTRIES	COM	981811102	4,051	100,611	SH	SOLE	1	100,611	0	0
WP CAREY INC	COM	92936U109	222	2,740	SH	SOLE	1	2,740	0	0
WPX ENERGY INC	COM	98212B103	8,930	775,876	SH	SOLE	1	775,876	0	0
WR BERKLEY CORP	COM	084423102	18,634	282,627	SH	SOLE	1	282,627	0	0
WR GRACE & CO	COM	38388F108	106	1,397	SH	SOLE	1	1,397	0	0
WRAP TECHNOLOGIES INC	COM	98212N107	30	4,837	SH	SOLE	1	4,837	0	0
WSFS FINANCIAL CORP	COM	929328102	1,381	33,430	SH	SOLE	1	33,430	0	0
WW GRAINGER INC	COM	384802104	4,597	17,138	SH	SOLE	1	17,138	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	9,156	208,564	SH	SOLE	1	208,564	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	10,607	190,300	SH	SOLE	1	190,300	0	0
WYNN RESORTS LTD	COM	983134107	5,045	40,690	SH	SOLE	1	40,690	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	67	4,439	SH	SOLE	1	4,439	0	0
XBIOTECH INC	COM	98400H102	81	10,623	SH	SOLE	1	10,623	0	0
XCEL ENERGY INC	COM	98389B100	12,289	206,567	SH	SOLE	1	206,567	0	0
XENCOR INC	COM	98401F105	1,231	30,083	SH	SOLE	1	30,083	0	0
XENIA HOTELS &	COM	984017103	1,771	84,921	SH	SOLE	1	84,921	0	0

RESORTS INC										
XERIS PHARMACEUTICALS INC	COM	98422L107	194	16,954	SH	SOLE	1	16,954	0	0
XEROX CORP	COM	984121608	2,450	69,179	SH	SOLE	1	69,179	0	0
XILINX INC	COM	983919101	12,749	108,113	SH	SOLE	1	108,113	0	0
XPERI CORP	COM	98421B100	760	36,932	SH	SOLE	1	36,932	0	0
XPO LOGISTICS INC	COM	983793100	10,411	180,093	SH	SOLE	1	180,093	0	0
XYLEM INC	COM	98419M100	5,159	61,677	SH	SOLE	1	61,677	0	0
Y MABS THERAPEUTICS INC	COM	984241109	296	12,939	SH	SOLE	1	12,939	0	0
YELP INC	COM	985817105	6,348	185,723	SH	SOLE	1	185,723	0	0
YETI HOLDINGS INC	COM	98585X104	569	19,657	SH	SOLE	1	19,657	0	0
YEXT INC	COM	98585N106	1,187	59,107	SH	SOLE	1	59,107	0	0
YORK WATER CO	COM	987184108	293	8,211	SH	SOLE	1	8,211	0	0
YOUNGEVITY INTERNATIONAL INC	COM	987537206	30	5,249	SH	SOLE	1	5,249	0	0
YPF S.A. SPONSORED ADR	ADR	984245100	38	2,106	SH	SOLE	1	2,106	0	0
YRC WORLDWIDE INC	COM	984249607	85	21,206	SH	SOLE	1	21,206	0	0
YUM BRANDS INC	COM	988498101	14,130	127,675	SH	SOLE	1	127,675	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	617	13,351	SH	SOLE	1	13,351	0	0
YY INC ADR	ADR	98426T106	46	656	SH	SOLE	1	656	0	0
ZAGG INC	COM	98884U108	124	17,837	SH	SOLE	1	17,837	0	0
ZAYO GROUP HOLDINGS INC	COM	98919V105	182	5,521	SH	SOLE	1	5,521	0	0
ZEBRA TECHNOLOGIES CORP CL A	COM	989207105	22,183	105,891	SH	SOLE	1	105,891	0	0
ZENDESK INC	COM	98936J101	235	2,639	SH	SOLE	1	2,639	0	0
ZILLOW GROUP INC A	COM	98954M101	42	913	SH	SOLE	1	913	0	0
ZILLOW GROUP INC C	COM	98954M200	93	2,001	SH	SOLE	1	2,001	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	8,070	68,542	SH	SOLE	1	68,542	0	0
ZIONS BANCORP NA	COM	989701107	3,070	66,771	SH	SOLE	1	66,771	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	595	102,064	SH	SOLE	1	102,064	0	0
ZIX CORP	COM	98974P100	309	33,988	SH	SOLE	1	33,988	0	0
ZOETIS INC	COM	98978V103	25,480	224,514	SH	SOLE	1	224,514	0	0
ZOGENIX INC	COM	98978L204	1,296	27,122	SH	SOLE	1	27,122	0	0
ZSCALER INC	COM	98980G102	115	1,502	SH	SOLE	1	1,502	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	80	4,200	SH	SOLE	1	4,200	0	0
ZUMIEZ INC	COM	989817101	388	14,859	SH	SOLE	1	14,859	0	0
ZUORA INC CLASS A	COM	98983V106	831	54,203	SH	SOLE	1	54,203	0	0
ZYNERBA PHARMACEUTICALS INC	COM	98986X109	179	13,220	SH	SOLE	1	13,220	0	0
ZYNEX INC	COM	98986M103	89	9,901	SH	SOLE	1	9,901	0	0
ZYNGA INC CL A	COM	98986T108	94	15,259	SH	SOLE	1	15,259	0	0