



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/ PRN	PUT/ CALL	INVESTMENT DISCRETION	OTHER MANAGER	SOLE	SHARED	NONE
1 800 FLOWERS.COM INC CL A	COM	68243Q106	309	16,924	SH		SOLE	1	16,924	0	0
1ST CONSTITUTION BANCORP	COM	31986N102	86	4,815	SH		SOLE	1	4,815	0	0
1ST SOURCE CORP	COM	336901103	449	10,008	SH		SOLE	1	10,008	0	0
22ND CENTURY GROUP INC	COM	90137F103	127	74,096	SH		SOLE	1	74,096	0	0
2U INC	COM	90214J101	89	1,260	SH		SOLE	1	1,260	0	0
3D SYSTEMS CORP	COM	88554D205	894	83,109	SH		SOLE	1	83,109	0	0
3M CO	COM	88579Y101	51,353	247,153	SH		SOLE	1	247,153	0	0
58.COM INC ADR	ADR	31680Q104	105	1,602	SH		SOLE	1	1,602	0	0
8X8 INC	COM	282914100	1,439	71,225	SH		SOLE	1	71,225	0	0
A10 NETWORKS INC	COM	002121101	236	33,246	SH		SOLE	1	33,246	0	0
AAC HOLDINGS INC	COM	000307108	15	8,396	SH		SOLE	1	8,396	0	0
AAON INC	COM	000360206	1,436	31,095	SH		SOLE	1	31,095	0	0
AAR CORP	COM	000361105	807	24,812	SH		SOLE	1	24,812	0	0
AARON S INC	COM	002535300	9,312	177,025	SH		SOLE	1	177,025	0	0
ABBOTT LABORATORIES	COM	002824100	54,913	686,929	SH		SOLE	1	686,929	0	0
ABBVIE INC	COM	00287Y109	377,069	4,678,850	SH		SOLE	1	4,678,850	0	0
ABEONA THERAPEUTICS INC	COM	00289Y107	147	19,933	SH		SOLE	1	19,933	0	0
ABERCROMBIE (PLUS) FITCH CO CL A	COM	002896207	1,367	49,858	SH		SOLE	1	49,858	0	0
ABIOMED INC	COM	003654100	4,830	16,911	SH		SOLE	1	16,911	0	0
ABM INDUSTRIES INC	COM	000957100	1,818	50,010	SH		SOLE	1	50,010	0	0
ABRAXAS PETROLEUM CORP	COM	003830106	127	101,378	SH		SOLE	1	101,378	0	0
ACACIA COMMUNICATIONS INC	COM	00401C108	1,001	17,451	SH		SOLE	1	17,451	0	0
ACACIA RESEARCH CORP	COM	003881307	101	30,876	SH		SOLE	1	30,876	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	5,170	176,398	SH		SOLE	1	176,398	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	1,939	72,216	SH		SOLE	1	72,216	0	0
ACADIA REALTY TRUST	REIT	004239109	1,663	60,998	SH		SOLE	1	60,998	0	0
ACCELERATE DIAGNOSTICS INC	COM	00430H102	349	16,624	SH		SOLE	1	16,624	0	0
ACCELERON PHARMA INC	COM	00434H108	1,294	27,783	SH		SOLE	1	27,783	0	0
ACCENTURE PLC CL A	COM	G1151C101	43,984	249,883	SH		SOLE	1	249,883	0	0
ACCO BRANDS CORP	COM	00081T108	556	64,909	SH		SOLE	1	64,909	0	0
ACCURAY INC	COM	004397105	261	54,725	SH		SOLE	1	54,725	0	0
ACETO CORP	COM	004446100	0	1	SH		SOLE	1	1	0	0
ACHAOGEN INC	COM	004449104	9	20,611	SH		SOLE	1	20,611	0	0
ACHILLION PHARMACEUTICALS	COM	00448Q201	257	86,708	SH		SOLE	1	86,708	0	0

ACI WORLDWIDE INC	COM	004498101	9,953	302,810	SH	SOLE	1	302,810	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	135	22,576	SH	SOLE	1	22,576	0	0
ACM RESEARCH INC CLASS A	COM	00108J109	82	5,334	SH	SOLE	1	5,334	0	0
ACNB CORP	COM	000868109	161	4,355	SH	SOLE	1	4,355	0	0
ACORDA THERAPEUTICS INC	COM	00484M106	435	32,746	SH	SOLE	1	32,746	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	15,405	338,352	SH	SOLE	1	338,352	0	0
ACTUANT CORP A	COM	00508X203	1,123	46,085	SH	SOLE	1	46,085	0	0
ACUITY BRANDS INC	COM	00508Y102	9,638	80,307	SH	SOLE	1	80,307	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	511	22,076	SH	SOLE	1	22,076	0	0
ADAMAS PHARMACEUTICALS INC	COM	00548A106	101	14,191	SH	SOLE	1	14,191	0	0
ADAMS RESOURCES (PLUS) ENERGY INC	COM	006351308	54	1,380	SH	SOLE	1	1,380	0	0
ADDUS HOMECARE CORP	COM	006739106	469	7,376	SH	SOLE	1	7,376	0	0
ADESTO TECHNOLOGIES CORP	COM	00687D101	95	15,743	SH	SOLE	1	15,743	0	0
ADIANT PLC	COM	G0084W101	2,250	173,614	SH	SOLE	1	173,614	0	0
ADMA BIOLOGICS INC	COM	000899104	47	12,336	SH	SOLE	1	12,336	0	0
ADOBE INC	COM	00724F101	57,034	214,020	SH	SOLE	1	214,020	0	0
ADT INC	COM	00090Q103	12	1,849	SH	SOLE	1	1,849	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	6,989	150,876	SH	SOLE	1	150,876	0	0
ADTRAN INC	COM	00738A106	496	36,179	SH	SOLE	1	36,179	0	0
ADURO BIOTECH INC	COM	00739L101	163	40,909	SH	SOLE	1	40,909	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	4,522	26,517	SH	SOLE	1	26,517	0	0
ADVANCED DISPOSAL SERVICES I	COM	00790X101	1,294	46,222	SH	SOLE	1	46,222	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	595	23,085	SH	SOLE	1	23,085	0	0
ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	136	11,788	SH	SOLE	1	11,788	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,439	28,971	SH	SOLE	1	28,971	0	0
ADVANCED MICRO DEVICES	COM	007903107	10,176	398,756	SH	SOLE	1	398,756	0	0
ADVANSIX INC	COM	00773T101	645	22,561	SH	SOLE	1	22,561	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	182	34,717	SH	SOLE	1	34,717	0	0
AECOM	COM	00766T100	10,170	342,774	SH	SOLE	1	342,774	0	0
AEGION CORP	COM	00770F104	425	24,204	SH	SOLE	1	24,204	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	98	12,175	SH	SOLE	1	12,175	0	0
AERCAP HOLDINGS NV	COM	N00985106	805	17,300	SH	SOLE	1	17,300	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	1,078	22,685	SH	SOLE	1	22,685	0	0
AEROHIVE NETWORKS INC	COM	007786106	96	21,167	SH	SOLE	1	21,167	0	0
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	1,944	54,722	SH	SOLE	1	54,722	0	0
AEROVIRONMENT INC	COM	008073108	1,097	16,035	SH	SOLE	1	16,035	0	0
AES CORP	COM	00130H105	7,382	408,295	SH	SOLE	1	408,295	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	2,197	20,513	SH	SOLE	1	20,513	0	0
AFLAC INC	COM	001055102	17,127	342,532	SH	SOLE	1	342,532	0	0
AG MORTGAGE INVESTMENT TRUST	REIT	001228105	308	18,267	SH	SOLE	1	18,267	0	0
AGCO CORP	COM	001084102	8,919	128,232	SH	SOLE	1	128,232	0	0

AGENUS INC	COM	00847G705	175	58,827	SH	SOLE	1	58,827	0	0
AGEX THERAPEUTICS INC	COM	00848H108	24	5,859	SH	SOLE	1	5,859	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	11,345	141,145	SH	SOLE	1	141,145	0	0
AGILYSYS INC	COM	00847J105	253	11,965	SH	SOLE	1	11,965	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	78	1,161	SH	SOLE	1	1,161	0	0
AGNC INVESTMENT CORP	REIT	00123Q104	329	18,294	SH	SOLE	1	18,294	0	0
AGREE REALTY CORP	REIT	008492100	1,789	25,806	SH	SOLE	1	25,806	0	0
AGROFRESH SOLUTIONS INC	COM	00856G109	67	20,109	SH	SOLE	1	20,109	0	0
AIMMUNE THERAPEUTICS INC	COM	00900T107	624	27,915	SH	SOLE	1	27,915	0	0
AIR LEASE CORP	COM	00912X302	60	1,743	SH	SOLE	1	1,743	0	0
AIR PRODUCTS (PLUS) CHEMICALS INC	COM	009158106	18,317	95,922	SH	SOLE	1	95,922	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	858	37,229	SH	SOLE	1	37,229	0	0
AIRCASTLE LTD	COM	G0129K104	702	34,665	SH	SOLE	1	34,665	0	0
AK STEEL HOLDING CORP	COM	001547108	655	238,202	SH	SOLE	1	238,202	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	4,718	65,795	SH	SOLE	1	65,795	0	0
AKCEA THERAPEUTICS INC	COM	00972L107	240	8,480	SH	SOLE	1	8,480	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	448	54,714	SH	SOLE	1	54,714	0	0
AKORN INC	COM	009728106	249	70,646	SH	SOLE	1	70,646	0	0
ALAMO GROUP INC	COM	011311107	727	7,279	SH	SOLE	1	7,279	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,564	24,095	SH	SOLE	1	24,095	0	0
ALASKA AIR GROUP INC	COM	011659109	2,444	43,548	SH	SOLE	1	43,548	0	0
ALBANY INTL CORP CL A	COM	012348108	1,556	21,733	SH	SOLE	1	21,733	0	0
ALBEMARLE CORP	COM	012653101	3,346	40,809	SH	SOLE	1	40,809	0	0
ALBIREO PHARMA INC	COM	01345P106	187	5,808	SH	SOLE	1	5,808	0	0
ALCOA CORP	COM	013872106	92	3,274	SH	SOLE	1	3,274	0	0
ALDER BIOPHARMACEUTICALS INC	COM	014339105	507	37,152	SH	SOLE	1	37,152	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	122	13,472	SH	SOLE	1	13,472	0	0
ALECTOR INC	COM	014442107	66	3,541	SH	SOLE	1	3,541	0	0
ALEXANDER (PLUS) BALDWIN INC	REIT	014491104	4,517	177,540	SH	SOLE	1	177,540	0	0
ALEXANDER S INC	REIT	014752109	511	1,359	SH	SOLE	1	1,359	0	0
ALEXANDRIA REAL ESTATE EQUIT	REIT	015271109	5,682	39,859	SH	SOLE	1	39,859	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	13,350	98,756	SH	SOLE	1	98,756	0	0
ALIBABA GROUP HOLDING SP ADR	ADR	01609W102	3,659	20,055	SH	SOLE	1	20,055	0	0
ALICO INC	COM	016230104	52	1,899	SH	SOLE	1	1,899	0	0
ALIGN TECHNOLOGY INC	COM	016255101	9,733	34,230	SH	SOLE	1	34,230	0	0
ALKERMES PLC	COM	G01767105	266	7,286	SH	SOLE	1	7,286	0	0
ALLAKOS INC	COM	01671P100	367	9,059	SH	SOLE	1	9,059	0	0
ALLEGHANY CORP	COM	017175100	17,921	29,263	SH	SOLE	1	29,263	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	8,402	328,569	SH	SOLE	1	328,569	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	253	7,506	SH	SOLE	1	7,506	0	0

ALLEGIANT TRAVEL CO	COM	01748X102	1,261	9,743	SH	SOLE	1	9,743	0	0
ALLEGION PLC	COM	G0176J109	3,025	33,347	SH	SOLE	1	33,347	0	0
ALLENA PHARMACEUTICALS INC	COM	018119107	52	7,394	SH	SOLE	1	7,394	0	0
ALLERGAN PLC	COM	G0177J108	15,408	105,241	SH	SOLE	1	105,241	0	0
ALLETE INC	COM	018522300	11,078	134,720	SH	SOLE	1	134,720	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	2,945	16,831	SH	SOLE	1	16,831	0	0
ALLIANT ENERGY CORP	COM	018802108	3,866	82,035	SH	SOLE	1	82,035	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	153	4,457	SH	SOLE	1	4,457	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	120	2,678	SH	SOLE	1	2,678	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	406	14,047	SH	SOLE	1	14,047	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	4,292	449,883	SH	SOLE	1	449,883	0	0
ALLSTATE CORP	COM	020002101	17,588	186,745	SH	SOLE	1	186,745	0	0
ALLY FINANCIAL INC	COM	02005N100	205	7,459	SH	SOLE	1	7,459	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	277	2,964	SH	SOLE	1	2,964	0	0
ALPHA (PLUS) OMEGA SEMICONDUCTOR	COM	G6331P104	146	12,653	SH	SOLE	1	12,653	0	0
ALPHABET INC CL A	COM	02079K305	166,764	141,699	SH	SOLE	1	141,699	0	0
ALPHABET INC CL C	COM	02079K107	143,959	122,695	SH	SOLE	1	122,695	0	0
ALTA MESA RESOURCES INC A	COM	02133L109	17	63,547	SH	SOLE	1	63,547	0	0
ALTAIR ENGINEERING INC A	COM	021369103	586	15,908	SH	SOLE	1	15,908	0	0
ALTERYX INC CLASS A	COM	02156B103	1,565	18,654	SH	SOLE	1	18,654	0	0
ALTISOURCE PORTFOLIO SOL	COM	L0175J104	149	6,279	SH	SOLE	1	6,279	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	1,189	38,287	SH	SOLE	1	38,287	0	0
ALTRIA GROUP INC	COM	02209S103	391,850	6,823,091	SH	SOLE	1	6,823,091	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	335	25,977	SH	SOLE	1	25,977	0	0
AMALGAMATED BK OF NEW YORK A	COM	022663108	118	7,543	SH	SOLE	1	7,543	0	0
AMAZON.COM INC	COM	023135106	286,435	160,851	SH	SOLE	1	160,851	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	620	34,234	SH	SOLE	1	34,234	0	0
AMBARELLA INC	COM	G037AX101	854	19,773	SH	SOLE	1	19,773	0	0
AMBER ROAD INC	COM	02318Y108	132	15,190	SH	SOLE	1	15,190	0	0
AMC ENTERTAINMENT HLDS CL A	COM	00165C104	492	33,145	SH	SOLE	1	33,145	0	0
AMC NETWORKS INC A	COM	00164V103	5,078	89,468	SH	SOLE	1	89,468	0	0
AMDOCS LTD	COM	G02602103	135	2,504	SH	SOLE	1	2,504	0	0
AMEDISYS INC	COM	023436108	9,200	74,641	SH	SOLE	1	74,641	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	184	5,260	SH	SOLE	1	5,260	0	0
AMERCO	COM	023586100	46	123	SH	SOLE	1	123	0	0
AMEREN CORPORATION	COM	023608102	6,159	83,743	SH	SOLE	1	83,743	0	0
AMERESCO INC CL A	COM	02361E108	195	12,066	SH	SOLE	1	12,066	0	0
AMERICA S CAR MART INC	COM	03062T105	336	3,679	SH	SOLE	1	3,679	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	5,779	181,959	SH	SOLE	1	181,959	0	0
AMERICAN ASSETS TRUST INC	REIT	024013104	1,331	29,015	SH	SOLE	1	29,015	0	0
AMERICAN AXLE (PLUS) MFG HOLDINGS	COM	024061103	1,206	84,247	SH	SOLE	1	84,247	0	0

AMERICAN CAMPUS COMMUNITIES	REIT	024835100	13,004	273,305	SH	SOLE	1	273,305	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	9,628	434,268	SH	SOLE	1	434,268	0	0
AMERICAN ELECTRIC POWER	COM	025537101	13,906	166,043	SH	SOLE	1	166,043	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	1,832	67,800	SH	SOLE	1	67,800	0	0
AMERICAN EXPRESS CO	COM	025816109	29,075	266,011	SH	SOLE	1	266,011	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	13,542	140,752	SH	SOLE	1	140,752	0	0
AMERICAN HOMES 4 RENT A	REIT	02665T306	103	4,529	SH	SOLE	1	4,529	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	12,602	292,671	SH	SOLE	1	292,671	0	0
AMERICAN NATIONAL INSURANCE	COM	028591105	16	129	SH	SOLE	1	129	0	0
AMERICAN OUTDOOR BRANDS CORP	COM	02874P103	320	34,265	SH	SOLE	1	34,265	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	366	12,154	SH	SOLE	1	12,154	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	16	1,319	SH	SOLE	1	1,319	0	0
AMERICAN RENAL ASSOCIATES HO	COM	029227105	51	8,339	SH	SOLE	1	8,339	0	0
AMERICAN SOFTWARE INC CL A	COM	029683109	218	18,232	SH	SOLE	1	18,232	0	0
AMERICAN STATES WATER CO	COM	029899101	1,973	27,676	SH	SOLE	1	27,676	0	0
AMERICAN TOWER CORP	REIT	03027X100	34,606	175,612	SH	SOLE	1	175,612	0	0
AMERICAN VANGUARD CORP	COM	030371108	374	21,724	SH	SOLE	1	21,724	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	11,842	113,582	SH	SOLE	1	113,582	0	0
AMERICAN WOODMARK CORP	COM	030506109	880	10,655	SH	SOLE	1	10,655	0	0
AMERICOLD REALTY TRUST	REIT	03064D108	2,473	81,070	SH	SOLE	1	81,070	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	7,009	54,715	SH	SOLE	1	54,715	0	0
AMERIS BANCORP	COM	03076K108	1,090	31,736	SH	SOLE	1	31,736	0	0
AMERISAFE INC	COM	03071H100	859	14,455	SH	SOLE	1	14,455	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	4,474	56,264	SH	SOLE	1	56,264	0	0
AMES NATIONAL CORP	COM	031001100	151	5,492	SH	SOLE	1	5,492	0	0
AMETEK INC	COM	031100100	8,171	98,487	SH	SOLE	1	98,487	0	0
AMGEN INC	COM	031162100	58,518	308,020	SH	SOLE	1	308,020	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,642	120,712	SH	SOLE	1	120,712	0	0
AMKOR TECHNOLOGY INC	COM	031652100	557	65,273	SH	SOLE	1	65,273	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	1,649	35,013	SH	SOLE	1	35,013	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	785	55,432	SH	SOLE	1	55,432	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	541	26,496	SH	SOLE	1	26,496	0	0
AMPHENOL CORP CL A	COM	032095101	10,308	109,144	SH	SOLE	1	109,144	0	0
AMPIO PHARMACEUTICALS INC	COM	03209T109	35	62,427	SH	SOLE	1	62,427	0	0
AMYRIS INC	COM	03236M200	44	21,025	SH	SOLE	1	21,025	0	0
ANADARKO PETROLEUM CORP	COM	032511107	9,381	206,269	SH	SOLE	1	206,269	0	0
ANALOG DEVICES INC	COM	032654105	16,788	159,475	SH	SOLE	1	159,475	0	0

ANAPLAN INC	COM	03272L108	452	11,474	SH	SOLE	1	11,474	0	0
ANAPTYSBIO INC	COM	032724106	984	13,469	SH	SOLE	1	13,469	0	0
ANDERSONS INC/THE	COM	034164103	659	20,456	SH	SOLE	1	20,456	0	0
ANGIODYNAMICS INC	COM	03475V101	631	27,613	SH	SOLE	1	27,613	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	428	6,072	SH	SOLE	1	6,072	0	0
ANIKA THERAPEUTICS INC	COM	035255108	318	10,531	SH	SOLE	1	10,531	0	0
ANIXTER INTERNATIONAL INC	COM	035290105	1,245	22,192	SH	SOLE	1	22,192	0	0
ANNALY CAPITAL MANAGEMENT IN	REIT	035710409	407	40,692	SH	SOLE	1	40,692	0	0
ANSYS INC	COM	03662Q105	5,327	29,154	SH	SOLE	1	29,154	0	0
ANTARES PHARMA INC	COM	036642106	279	92,061	SH	SOLE	1	92,061	0	0
ANTERO RESOURCES CORP	COM	03674X106	103	11,712	SH	SOLE	1	11,712	0	0
ANTHEM INC	COM	036752103	24,827	86,511	SH	SOLE	1	86,511	0	0
ANWORTH MORTGAGE ASSET CORP	REIT	037347101	251	62,113	SH	SOLE	1	62,113	0	0
AON PLC	COM	G0408V102	15,786	92,476	SH	SOLE	1	92,476	0	0
APACHE CORP	COM	037411105	5,565	160,560	SH	SOLE	1	160,560	0	0
APARTMENT INVT (PLUS) MGMT CO A	REIT	03748R754	2,749	54,656	SH	SOLE	1	54,656	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	449	23,030	SH	SOLE	1	23,030	0	0
APERGY CORP	COM	03755L104	6,335	154,292	SH	SOLE	1	154,292	0	0
APOGEE ENTERPRISES INC	COM	037598109	759	20,240	SH	SOLE	1	20,240	0	0
APOLLO COMMERCIAL REAL ESTAT	REIT	03762U105	1,674	91,961	SH	SOLE	1	91,961	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	40	2,166	SH	SOLE	1	2,166	0	0
APPFOLIO INC A	COM	03783C100	791	9,956	SH	SOLE	1	9,956	0	0
APPLE HOSPITALITY REIT INC	REIT	03784Y200	62	3,795	SH	SOLE	1	3,795	0	0
APPLE INC	COM	037833100	368,625	1,940,644	SH	SOLE	1	1,940,644	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	1,719	28,908	SH	SOLE	1	28,908	0	0
APPLIED MATERIALS INC	COM	038222105	16,275	410,359	SH	SOLE	1	410,359	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	175	14,327	SH	SOLE	1	14,327	0	0
APPROACH RESOURCES INC	COM	03834A103	10	28,725	SH	SOLE	1	28,725	0	0
APTARGROUP INC	COM	038336103	13,353	125,508	SH	SOLE	1	125,508	0	0
APTINYX INC	COM	03836N103	36	8,812	SH	SOLE	1	8,812	0	0
APTIV PLC	COM	G6095L109	8,307	104,502	SH	SOLE	1	104,502	0	0
AQUA AMERICA INC	COM	03836W103	12,948	355,326	SH	SOLE	1	355,326	0	0
AQUANTIA CORP	COM	03842Q108	127	13,976	SH	SOLE	1	13,976	0	0
AQUAVENTURE HOLDINGS LTD	COM	G0443N107	135	6,953	SH	SOLE	1	6,953	0	0
AQUESTIVE THERAPEUTICS INC	COM	03843E104	50	7,211	SH	SOLE	1	7,211	0	0
ARAMARK	COM	03852U106	127	4,282	SH	SOLE	1	4,282	0	0
ARATANA THERAPEUTICS INC	COM	03874P101	106	29,558	SH	SOLE	1	29,558	0	0
ARBOR REALTY TRUST INC	REIT	038923108	605	46,670	SH	SOLE	1	46,670	0	0
ARBUTUS BIOPHARMA CORP	COM	03879J100	81	22,516	SH	SOLE	1	22,516	0	0
ARCBEST CORP	COM	03937C105	597	19,386	SH	SOLE	1	19,386	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	729	22,565	SH	SOLE	1	22,565	0	0

ARCH COAL INC A	COM	039380407	1,018	11,156	SH	SOLE	1	11,156	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	8,556	198,381	SH	SOLE	1	198,381	0	0
ARCHROCK INC	COM	03957W106	944	96,482	SH	SOLE	1	96,482	0	0
ARCONIC INC	COM	03965L100	2,921	152,859	SH	SOLE	1	152,859	0	0
ARCOSA INC	COM	039653100	201	6,592	SH	SOLE	1	6,592	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	250	20,013	SH	SOLE	1	20,013	0	0
ARDAGH GROUP SA	COM	L0223L101	4	324	SH	SOLE	1	324	0	0
ARDELYX INC	COM	039697107	78	27,876	SH	SOLE	1	27,876	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	131	21,304	SH	SOLE	1	21,304	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	1,419	31,655	SH	SOLE	1	31,655	0	0
ARES COMMERCIAL REAL ESTATE	REIT	04013V108	260	17,089	SH	SOLE	1	17,089	0	0
ARGAN INC	COM	04010E109	466	9,338	SH	SOLE	1	9,338	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	1,461	20,675	SH	SOLE	1	20,675	0	0
ARISTA NETWORKS INC	COM	040413106	5,794	18,426	SH	SOLE	1	18,426	0	0
ARLINGTON ASSET INVESTMENT A	COM	041356205	151	18,983	SH	SOLE	1	18,983	0	0
ARLO TECHNOLOGIES INC W/I	COM	04206A101	230	55,771	SH	SOLE	1	55,771	0	0
ARMADA HOFFLER PROPERTIES IN	REIT	04208T108	583	37,420	SH	SOLE	1	37,420	0	0
ARMOUR RESIDENTIAL REIT INC	REIT	042315507	772	39,525	SH	SOLE	1	39,525	0	0
ARMSTRONG FLOORING INC	COM	04238R106	184	13,560	SH	SOLE	1	13,560	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	80	1,005	SH	SOLE	1	1,005	0	0
ARQULE INC	COM	04269E107	331	69,148	SH	SOLE	1	69,148	0	0
ARRAY BIOPHARMA INC	COM	04269X105	3,284	134,700	SH	SOLE	1	134,700	0	0
ARRIS INTERNATIONAL PLC	COM	G0551A103	10,320	326,464	SH	SOLE	1	326,464	0	0
ARROW ELECTRONICS INC	COM	042735100	14,284	185,358	SH	SOLE	1	185,358	0	0
ARROW FINANCIAL CORP	COM	042744102	256	7,788	SH	SOLE	1	7,788	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	1,096	59,708	SH	SOLE	1	59,708	0	0
ARTESIAN RESOURCES CORP CL A	COM	043113208	188	5,057	SH	SOLE	1	5,057	0	0
ARTHUR J GALLAGHER (PLUS) CO	COM	363576109	4,973	63,680	SH	SOLE	1	63,680	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	771	30,645	SH	SOLE	1	30,645	0	0
ARVINAS INC	COM	04335A105	73	4,956	SH	SOLE	1	4,956	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	1,018	14,673	SH	SOLE	1	14,673	0	0
ASCENA RETAIL GROUP INC	COM	04351G101	143	132,157	SH	SOLE	1	132,157	0	0
ASGN INC	COM	00191U102	8,664	136,469	SH	SOLE	1	136,469	0	0
ASHFORD HOSPITALITY TRUST	REIT	044103109	264	55,516	SH	SOLE	1	55,516	0	0
ASHFORD INC	COM	044104107	23	422	SH	SOLE	1	422	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	9,758	124,891	SH	SOLE	1	124,891	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	818	4,348	SH	SOLE	1	4,348	0	0
ASPEN TECHNOLOGY INC	COM	045327103	172	1,646	SH	SOLE	1	1,646	0	0
ASSEMBLY	COM	045396108	264	13,405	SH	SOLE	1	13,405	0	0



BIOSCIENCES INC										
ASSERTIO THERAPEUTICS INC	COM	04545L107	229	45,072	SH	SOLE	1	45,072	0	0
ASSOCIATED BANC CORP	COM	045487105	6,999	327,803	SH	SOLE	1	327,803	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	59	1,487	SH	SOLE	1	1,487	0	0
ASSURANT INC	COM	04621X108	4,514	47,565	SH	SOLE	1	47,565	0	0
ASSURED GUARANTY LTD	COM	G0585R106	81	1,830	SH	SOLE	1	1,830	0	0
ASTEC INDUSTRIES INC	COM	046224101	646	17,116	SH	SOLE	1	17,116	0	0
ASTRONICS CORP	COM	046433108	446	13,629	SH	SOLE	1	13,629	0	0
ASURE SOFTWARE INC	COM	04649U102	49	8,007	SH	SOLE	1	8,007	0	0
AT HOME GROUP INC	COM	04650Y100	511	28,630	SH	SOLE	1	28,630	0	0
AT(PLUS)T INC	COM	00206R102	80,046	2,552,476	SH	SOLE	1	2,552,476	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	1,063	26,749	SH	SOLE	1	26,749	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	114	2,783	SH	SOLE	1	2,783	0	0
ATHENEX INC	COM	04685N103	343	28,032	SH	SOLE	1	28,032	0	0
ATHERSYS INC	COM	04744L106	111	74,298	SH	SOLE	1	74,298	0	0
ATKORE INTERNATIONAL GROUP I	COM	047649108	536	24,890	SH	SOLE	1	24,890	0	0
ATLANTIC CAPITAL BANCSHARES	COM	048269203	282	15,806	SH	SOLE	1	15,806	0	0
ATLANTIC POWER CORP	COM	04878Q863	174	69,217	SH	SOLE	1	69,217	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	917	18,139	SH	SOLE	1	18,139	0	0
ATLASSIAN CORP PLC CLASS A	COM	G06242104	261	2,319	SH	SOLE	1	2,319	0	0
ATMOS ENERGY CORP	COM	049560105	4,630	44,983	SH	SOLE	1	44,983	0	0
ATN INTERNATIONAL INC	COM	00215F107	448	7,942	SH	SOLE	1	7,942	0	0
ATRICURE INC	COM	04963C209	630	23,510	SH	SOLE	1	23,510	0	0
ATRION CORPORATION	COM	049904105	799	909	SH	SOLE	1	909	0	0
AUBURN NATL BANCORPORATION	COM	050473107	59	1,508	SH	SOLE	1	1,508	0	0
AUDENTES THERAPEUTICS INC	COM	05070R104	926	23,722	SH	SOLE	1	23,722	0	0
AUTODESK INC	COM	052769106	15,474	99,307	SH	SOLE	1	99,307	0	0
AUTOHOME INC ADR	ADR	05278C107	94	896	SH	SOLE	1	896	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	44,538	278,816	SH	SOLE	1	278,816	0	0
AUTONATION INC	COM	05329W102	4,105	114,926	SH	SOLE	1	114,926	0	0
AUTOZONE INC	COM	053332102	8,893	8,684	SH	SOLE	1	8,684	0	0
AVALARA INC	COM	05338G106	985	17,656	SH	SOLE	1	17,656	0	0
AVALONBAY COMMUNITIES INC	REIT	053484101	11,117	55,384	SH	SOLE	1	55,384	0	0
AVANGRID INC	COM	05351W103	49	983	SH	SOLE	1	983	0	0
AVANOS MEDICAL INC	COM	05350V106	5,280	123,717	SH	SOLE	1	123,717	0	0
AVAYA HOLDINGS CORP	COM	05351X101	1,124	66,784	SH	SOLE	1	66,784	0	0
AVEO PHARMACEUTICALS INC	COM	053588109	56	68,346	SH	SOLE	1	68,346	0	0
AVERY DENNISON CORP	COM	053611109	3,787	33,510	SH	SOLE	1	33,510	0	0
AVID BIOSERVICES INC	COM	05368M106	137	32,315	SH	SOLE	1	32,315	0	0
AVID TECHNOLOGY INC	COM	05367P100	131	17,522	SH	SOLE	1	17,522	0	0
AVIS BUDGET GROUP INC	COM	053774105	5,836	167,421	SH	SOLE	1	167,421	0	0
AVISTA CORP	COM	05379B107	2,013	49,559	SH	SOLE	1	49,559	0	0
AVNET INC	COM	053807103	9,382	216,317	SH	SOLE	1	216,317	0	0
AVON PRODUCTS INC	COM	054303102	153	52,138	SH	SOLE	1	52,138	0	0

AVROBIO INC	COM	05455M100	179	8,111	SH	SOLE	1	8,111	0	0
AVX CORP	COM	002444107	516	29,765	SH	SOLE	1	29,765	0	0
AXA EQUITABLE HOLDINGS INC	COM	054561105	70	3,488	SH	SOLE	1	3,488	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	241	9,579	SH	SOLE	1	9,579	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	494	24,540	SH	SOLE	1	24,540	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	82	1,489	SH	SOLE	1	1,489	0	0
AXOGEN INC	COM	05463X106	455	21,624	SH	SOLE	1	21,624	0	0
AXON ENTERPRISE INC	COM	05464C101	2,372	43,594	SH	SOLE	1	43,594	0	0
AXONICS MODULATION TECHNOLOG	COM	05465P101	106	4,419	SH	SOLE	1	4,419	0	0
AXOS FINANCIAL INC	COM	05465C100	1,254	43,291	SH	SOLE	1	43,291	0	0
AXT INC	COM	00246W103	108	24,261	SH	SOLE	1	24,261	0	0
AZZ INC	COM	002474104	802	19,586	SH	SOLE	1	19,586	0	0
B. RILEY FINANCIAL INC	COM	05580M108	221	13,259	SH	SOLE	1	13,259	0	0
B(PLUS)G FOODS INC	COM	05508R106	1,213	49,655	SH	SOLE	1	49,655	0	0
BABCOCK (PLUS) WILCOX ENTERPR	COM	05614L100	8	20,438	SH	SOLE	1	20,438	0	0
BADGER METER INC	COM	056525108	1,205	21,649	SH	SOLE	1	21,649	0	0
BAIDU INC SPON ADR	ADR	056752108	3,573	21,673	SH	SOLE	1	21,673	0	0
BAKER HUGHES A GE CO	COM	05722G100	6,934	250,134	SH	SOLE	1	250,134	0	0
BALCHEM CORP	COM	057665200	2,251	24,258	SH	SOLE	1	24,258	0	0
BALL CORP	COM	058498106	7,875	136,102	SH	SOLE	1	136,102	0	0
BANC OF CALIFORNIA INC	COM	05990K106	449	32,468	SH	SOLE	1	32,468	0	0
BANCFIRST CORP	COM	05945F103	600	11,496	SH	SOLE	1	11,496	0	0
BANCORP INC/THE	COM	05969A105	927	114,775	SH	SOLE	1	114,775	0	0
BANCORPSOUTH BANK	COM	05971J102	6,756	239,400	SH	SOLE	1	239,400	0	0
BANK OF AMERICA CORP	COM	060505104	84,297	3,055,335	SH	SOLE	1	3,055,335	0	0
BANK OF COMMERCE HOLDINGS	COM	06424J103	104	9,895	SH	SOLE	1	9,895	0	0
BANK OF HAWAII CORP	COM	062540109	6,484	82,210	SH	SOLE	1	82,210	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	353	8,675	SH	SOLE	1	8,675	0	0
BANK OF N.T. BUTTERFIELD(PLUS)SON	COM	G0772R208	1,280	35,673	SH	SOLE	1	35,673	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	19,040	377,558	SH	SOLE	1	377,558	0	0
BANK OZK	COM	06417N103	6,988	241,123	SH	SOLE	1	241,123	0	0
BANK7 CORP	COM	06652N107	38	2,188	SH	SOLE	1	2,188	0	0
BANKFINANCIAL CORP	COM	06643P104	121	8,154	SH	SOLE	1	8,154	0	0
BANKUNITED INC	COM	06652K103	61	1,821	SH	SOLE	1	1,821	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	115	3,939	SH	SOLE	1	3,939	0	0
BANNER CORPORATION	COM	06652V208	1,307	24,125	SH	SOLE	1	24,125	0	0
BAR HARBOR BANKSHARES	COM	066849100	252	9,725	SH	SOLE	1	9,725	0	0
BARNES (PLUS) NOBLE EDUCATION INC	COM	06777U101	122	29,141	SH	SOLE	1	29,141	0	0
BARNES (PLUS) NOBLE INC	COM	067774109	243	44,748	SH	SOLE	1	44,748	0	0
BARNES GROUP INC	COM	067806109	1,854	36,054	SH	SOLE	1	36,054	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	350	4,530	SH	SOLE	1	4,530	0	0
BASIC ENERGY SERVICES INC	COM	06985P209	46	12,235	SH	SOLE	1	12,235	0	0
BASSETT FURNITURE INDS	COM	070203104	106	6,444	SH	SOLE	1	6,444	0	0

BAXTER INTERNATIONAL INC	COM	071813109	16,788	206,463	SH	SOLE	1	206,463	0	0
BAYCOM CORP	COM	07272M107	148	6,527	SH	SOLE	1	6,527	0	0
BB(PLUS)T CORP	COM	054937107	15,926	342,275	SH	SOLE	1	342,275	0	0
BBX CAPITAL CORP	COM	05491N104	248	41,855	SH	SOLE	1	41,855	0	0
BCB BANCORP INC	COM	055298103	117	8,750	SH	SOLE	1	8,750	0	0
BCE INC	COM	05534B950	1,786	40,218	SH	SOLE	1	40,218	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,399	43,488	SH	SOLE	1	43,488	0	0
BEASLEY BROADCAST GRP INC A	COM	074014101	20	5,078	SH	SOLE	1	5,078	0	0
BEAZER HOMES USA INC	COM	07556Q881	221	19,159	SH	SOLE	1	19,159	0	0
BECTON DICKINSON AND CO	COM	075887109	22,117	88,564	SH	SOLE	1	88,564	0	0
BED BATH (PLUS) BEYOND INC	COM	075896100	6,046	355,844	SH	SOLE	1	355,844	0	0
BEIGENE LTD ADR	ADR	07725L102	476	3,608	SH	SOLE	1	3,608	0	0
BEL FUSE INC CL B	COM	077347300	189	7,481	SH	SOLE	1	7,481	0	0
BELDEN INC	COM	077454106	5,567	103,672	SH	SOLE	1	103,672	0	0
BELLICUM PHARMACEUTICALS INC	COM	079481107	87	25,683	SH	SOLE	1	25,683	0	0
BELMOND LTD CLASS A	COM	G1154H107	1,688	67,712	SH	SOLE	1	67,712	0	0
BEMIS COMPANY	COM	081437105	10,088	181,826	SH	SOLE	1	181,826	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	861	32,802	SH	SOLE	1	32,802	0	0
BENEFITFOCUS INC	COM	08180D106	890	17,968	SH	SOLE	1	17,968	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	129,274	643,508	SH	SOLE	1	643,508	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	838	30,749	SH	SOLE	1	30,749	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	145	2,692	SH	SOLE	1	2,692	0	0
BERRY PETROLEUM CORP	COM	08579X101	408	35,341	SH	SOLE	1	35,341	0	0
BEST BUY CO INC	COM	086516101	8,292	116,690	SH	SOLE	1	116,690	0	0
BG STAFFING INC	COM	05544A109	117	5,354	SH	SOLE	1	5,354	0	0
BGC PARTNERS INC CL A	COM	05541T101	24	4,587	SH	SOLE	1	4,587	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	41	12,803	SH	SOLE	1	12,803	0	0
BIG LOTS INC	COM	089302103	1,153	30,337	SH	SOLE	1	30,337	0	0
BIGLARI HOLDINGS INC A	COM	08986R408	46	62	SH	SOLE	1	62	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	84	596	SH	SOLE	1	596	0	0
BIO RAD LABORATORIES A	COM	090572207	14,762	48,293	SH	SOLE	1	48,293	0	0
BIO TECHNE CORP	COM	09073M104	14,997	75,534	SH	SOLE	1	75,534	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	566	69,582	SH	SOLE	1	69,582	0	0
BIOGEN INC	COM	09062X103	21,382	90,455	SH	SOLE	1	90,455	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	1,025	19,922	SH	SOLE	1	19,922	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,604	18,062	SH	SOLE	1	18,062	0	0
BIOSCRIP INC	COM	09069N108	161	80,695	SH	SOLE	1	80,695	0	0
BIOSPECIFICS TECHNOLOGIES	COM	090931106	229	3,669	SH	SOLE	1	3,669	0	0
BIOTELEMETRY INC	COM	090672106	1,564	24,983	SH	SOLE	1	24,983	0	0
BIOTIME INC	COM	09066L105	94	71,975	SH	SOLE	1	71,975	0	0
BJ S RESTAURANTS INC	COM	09180C106	749	15,837	SH	SOLE	1	15,837	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	2,230	81,375	SH	SOLE	1	81,375	0	0

BLACK HILLS CORP	COM	092113109	10,440	140,945	SH	SOLE	1	140,945	0	0
BLACK KNIGHT INC	COM	09215C105	181	3,317	SH	SOLE	1	3,317	0	0
BLACKBAUD INC	COM	09227Q100	10,110	126,804	SH	SOLE	1	126,804	0	0
BLACKLINE INC	COM	09239B109	1,086	23,446	SH	SOLE	1	23,446	0	0
BLACKROCK INC	COM	09247X101	22,305	52,191	SH	SOLE	1	52,191	0	0
BLACKSTONE MORTGAGE TRU CL A	REIT	09257W100	2,520	72,905	SH	SOLE	1	72,905	0	0
BLOOMIN BRANDS INC	COM	094235108	1,082	52,909	SH	SOLE	1	52,909	0	0
BLUCORA INC	COM	095229100	1,203	36,034	SH	SOLE	1	36,034	0	0
BLUE BIRD CORP	COM	095306106	163	9,625	SH	SOLE	1	9,625	0	0
BLUE HILLS BANCORP INC	COM	095573101	351	14,666	SH	SOLE	1	14,666	0	0
BLUEBIRD BIO INC	COM	09609G100	181	1,151	SH	SOLE	1	1,151	0	0
BLUEGREEN VACATIONS CORP	COM	09629F108	71	4,755	SH	SOLE	1	4,755	0	0
BLUELINX HOLDINGS INC	COM	09624H208	151	5,681	SH	SOLE	1	5,681	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	2,111	26,367	SH	SOLE	1	26,367	0	0
BLUEROCK RESIDENTIAL GROWTH	REIT	09627J102	164	15,241	SH	SOLE	1	15,241	0	0
BMC STOCK HOLDINGS INC	COM	05591B109	760	42,992	SH	SOLE	1	42,992	0	0
BOEING CO/THE	COM	097023105	77,893	204,218	SH	SOLE	1	204,218	0	0
BOINGO WIRELESS INC	COM	09739C102	609	26,167	SH	SOLE	1	26,167	0	0
BOISE CASCADE CO	COM	09739D100	786	29,359	SH	SOLE	1	29,359	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	49	599	SH	SOLE	1	599	0	0
BONANZA CREEK ENERGY INC	COM	097793400	323	14,225	SH	SOLE	1	14,225	0	0
BOOKING HOLDINGS INC	COM	09857L108	38,238	21,914	SH	SOLE	1	21,914	0	0
BOOT BARN HOLDINGS INC	COM	099406100	526	17,856	SH	SOLE	1	17,856	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	187	3,215	SH	SOLE	1	3,215	0	0
BORGWARNER INC	COM	099724106	2,826	73,577	SH	SOLE	1	73,577	0	0
BOSTON BEER COMPANY INC A	COM	100557107	6,626	22,481	SH	SOLE	1	22,481	0	0
BOSTON OMAHA CORP CL A	COM	101044105	80	3,221	SH	SOLE	1	3,221	0	0
BOSTON PRIVATE FINL HOLDING	COM	101119105	691	63,015	SH	SOLE	1	63,015	0	0
BOSTON PROPERTIES INC	REIT	101121101	7,447	55,621	SH	SOLE	1	55,621	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	17,276	450,135	SH	SOLE	1	450,135	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	1,571	31,360	SH	SOLE	1	31,360	0	0
BOX INC CLASS A	COM	10316T104	1,553	80,400	SH	SOLE	1	80,400	0	0
BOYD GAMING CORP	COM	103304101	5,759	210,500	SH	SOLE	1	210,500	0	0
BRADY CORPORATION CL A	COM	104674106	1,679	36,184	SH	SOLE	1	36,184	0	0
BRAEMAR HOTELS (PLUS) RESORTS INC	REIT	10482B101	228	18,658	SH	SOLE	1	18,658	0	0
BRANDYWINE REALTY TRUST	REIT	105368203	49	3,077	SH	SOLE	1	3,077	0	0
BRIDGE BANCORP INC	COM	108035106	310	10,583	SH	SOLE	1	10,583	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	152	14,782	SH	SOLE	1	14,782	0	0
BRIGGS (PLUS) STRATTON	COM	109043109	368	31,085	SH	SOLE	1	31,085	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	163	1,284	SH	SOLE	1	1,284	0	0

BRIGHTCOVE	COM	10921T101	194	23,020	SH	SOLE	1	23,020	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	1,502	41,376	SH	SOLE	1	41,376	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	G1644T109	696	51,323	SH	SOLE	1	51,323	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	275	19,106	SH	SOLE	1	19,106	0	0
BRINK S CO/THE	COM	109696104	9,820	130,222	SH	SOLE	1	130,222	0	0
BRINKER INTERNATIONAL INC	COM	109641100	4,353	98,074	SH	SOLE	1	98,074	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	27,384	573,969	SH	SOLE	1	573,969	0	0
BRISTOW GROUP INC	COM	110394103	23	20,981	SH	SOLE	1	20,981	0	0
BRIXMOR PROPERTY GROUP INC	REIT	11120U105	10,943	595,710	SH	SOLE	1	595,710	0	0
BROADCOM INC	COM	11135F101	51,408	170,957	SH	SOLE	1	170,957	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	4,176	40,277	SH	SOLE	1	40,277	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	785	119,245	SH	SOLE	1	119,245	0	0
BROOKFIELD PROPERTY REIT I A	REIT	11282X103	45	2,212	SH	SOLE	1	2,212	0	0
BROOKLINE BANCORP INC	COM	11373M107	861	59,798	SH	SOLE	1	59,798	0	0
BROOKS AUTOMATION INC	COM	114340102	1,545	52,693	SH	SOLE	1	52,693	0	0
BROWN (PLUS) BROWN INC	COM	115236101	13,667	463,147	SH	SOLE	1	463,147	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	61	1,199	SH	SOLE	1	1,199	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	3,199	60,611	SH	SOLE	1	60,611	0	0
BRT APARTMENTS CORP	REIT	055645303	86	6,217	SH	SOLE	1	6,217	0	0
BRUKER CORP	COM	116794108	77	1,995	SH	SOLE	1	1,995	0	0
BRUNSWICK CORP	COM	117043109	8,739	173,628	SH	SOLE	1	173,628	0	0
BRYN MAWR BANK CORP	COM	117665109	459	12,715	SH	SOLE	1	12,715	0	0
BSB BANCORP INC/MA	COM	05573H108	176	5,372	SH	SOLE	1	5,372	0	0
BUCKLE INC/THE	COM	118440106	407	21,720	SH	SOLE	1	21,720	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	962	72,082	SH	SOLE	1	72,082	0	0
BUNGE LTD	COM	G16962105	131	2,467	SH	SOLE	1	2,467	0	0
BURLINGTON STORES INC	COM	122017106	244	1,558	SH	SOLE	1	1,558	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	167	6,798	SH	SOLE	1	6,798	0	0
BWX TECHNOLOGIES INC	COM	05605H100	115	2,324	SH	SOLE	1	2,324	0	0
BYLINE BANCORP INC	COM	124411109	192	10,394	SH	SOLE	1	10,394	0	0
C (PLUS) F FINANCIAL CORP	COM	12466Q104	107	2,112	SH	SOLE	1	2,112	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	15,940	183,241	SH	SOLE	1	183,241	0	0
C(PLUS)J ENERGY SERVICES INC	COM	12674R100	741	47,737	SH	SOLE	1	47,737	0	0
CABLE ONE INC	COM	12685J105	9,724	9,908	SH	SOLE	1	9,908	0	0
CABOT CORP	COM	127055101	4,943	118,736	SH	SOLE	1	118,736	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	2,411	21,532	SH	SOLE	1	21,532	0	0
CABOT OIL (PLUS) GAS CORP	COM	127097103	4,913	188,220	SH	SOLE	1	188,220	0	0
CACI INTERNATIONAL INC CL A	COM	127190304	11,799	64,824	SH	SOLE	1	64,824	0	0

CACTUS INC A	COM	127203107	863	24,231	SH	SOLE	1	24,231	0	0
CADENCE BANCORP	COM	12739A100	1,423	76,715	SH	SOLE	1	76,715	0	0
CADENCE DESIGN SYS INC	COM	127387108	7,364	115,949	SH	SOLE	1	115,949	0	0
CADIZ INC	COM	127537207	140	14,418	SH	SOLE	1	14,418	0	0
CAESARS ENTERTAINMENT CORP	COM	127686103	10,104	1,162,711	SH	SOLE	1	1,162,711	0	0
CAESARSTONE LTD	COM	M20598104	228	14,619	SH	SOLE	1	14,619	0	0
CAI INTERNATIONAL INC	COM	12477X106	255	10,979	SH	SOLE	1	10,979	0	0
CAL MAINE FOODS INC	COM	128030202	1,047	23,459	SH	SOLE	1	23,459	0	0
CALAMP CORP	COM	128126109	318	25,304	SH	SOLE	1	25,304	0	0
CALAVO GROWERS INC	COM	128246105	1,003	11,956	SH	SOLE	1	11,956	0	0
CALERES INC	COM	129500104	788	31,901	SH	SOLE	1	31,901	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q206	741	28,821	SH	SOLE	1	28,821	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,970	36,299	SH	SOLE	1	36,299	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	142	21,071	SH	SOLE	1	21,071	0	0
CALIX INC	COM	13100M509	220	28,522	SH	SOLE	1	28,522	0	0
CALLAWAY GOLF COMPANY	COM	131193104	1,122	70,406	SH	SOLE	1	70,406	0	0
CALLON PETROLEUM CO	COM	13123X102	4,501	596,180	SH	SOLE	1	596,180	0	0
CALYXT INC	COM	13173L107	67	3,793	SH	SOLE	1	3,793	0	0
CAMBREX CORP	COM	132011107	984	25,332	SH	SOLE	1	25,332	0	0
CAMBRIDGE BANCORP	COM	132152109	195	2,356	SH	SOLE	1	2,356	0	0
CAMDEN NATIONAL CORP	COM	133034108	410	9,817	SH	SOLE	1	9,817	0	0
CAMDEN PROPERTY TRUST	REIT	133131102	19,550	192,607	SH	SOLE	1	192,607	0	0
CAMPBELL SOUP CO	COM	134429109	4,028	105,639	SH	SOLE	1	105,639	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	288	20,672	SH	SOLE	1	20,672	0	0
CANNAE HOLDINGS INC	COM	13765N107	1,067	43,976	SH	SOLE	1	43,976	0	0
CANTEL MEDICAL CORP	COM	138098108	4,858	72,622	SH	SOLE	1	72,622	0	0
CAPITAL BANCORP INC/MD	COM	139737100	48	4,112	SH	SOLE	1	4,112	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	159	7,286	SH	SOLE	1	7,286	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	14,675	179,647	SH	SOLE	1	179,647	0	0
CAPITAL SENIOR LIVING CORP	COM	140475104	63	15,691	SH	SOLE	1	15,691	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	1,121	83,964	SH	SOLE	1	83,964	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	2,961	64,712	SH	SOLE	1	64,712	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	75	5,216	SH	SOLE	1	5,216	0	0
CAPSTEAD MORTGAGE CORP	REIT	14067E506	552	64,223	SH	SOLE	1	64,223	0	0
CARA THERAPEUTICS INC	COM	140755109	408	20,774	SH	SOLE	1	20,774	0	0
CARBO CERAMICS INC	COM	140781105	55	15,690	SH	SOLE	1	15,690	0	0
CARBON BLACK INC	COM	14081R103	342	24,526	SH	SOLE	1	24,526	0	0
CARBONITE INC	COM	141337105	510	20,576	SH	SOLE	1	20,576	0	0
CARDINAL HEALTH INC	COM	14149Y108	360,109	7,478,899	SH	SOLE	1	7,478,899	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	994	25,708	SH	SOLE	1	25,708	0	0
CARDLYTICS INC	COM	14161W105	63	3,792	SH	SOLE	1	3,792	0	0
CARDTRONICS PLC A	COM	G1991C105	1,058	29,722	SH	SOLE	1	29,722	0	0
CARE.COM INC	COM	141633107	313	15,840	SH	SOLE	1	15,840	0	0

CAREDX INC	COM	14167L103	706	22,387	SH	SOLE	1	22,387	0	0
CAREER EDUCATION CORP	COM	141665109	852	51,569	SH	SOLE	1	51,569	0	0
CARETRUST REIT INC	REIT	14174T107	1,491	63,572	SH	SOLE	1	63,572	0	0
CARGURUS INC	COM	141788109	1,278	31,910	SH	SOLE	1	31,910	0	0
CARLISLE COS INC	COM	142339100	14,012	114,271	SH	SOLE	1	114,271	0	0
CARMAX INC	COM	143130102	4,562	65,353	SH	SOLE	1	65,353	0	0
CARNIVAL CORP	COM	143658300	6,836	134,778	SH	SOLE	1	134,778	0	0
CAROLINA FINANCIAL CORP	COM	143873107	464	13,402	SH	SOLE	1	13,402	0	0
CARPENTER TECHNOLOGY	COM	144285103	5,659	123,427	SH	SOLE	1	123,427	0	0
CARRIAGE SERVICES INC	COM	143905107	216	11,226	SH	SOLE	1	11,226	0	0
CARRIZO OIL (PLUS) GAS INC	COM	144577103	821	65,802	SH	SOLE	1	65,802	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	221	22,154	SH	SOLE	1	22,154	0	0
CARS.COM INC	COM	14575E105	3,801	166,701	SH	SOLE	1	166,701	0	0
CARTER S INC	COM	146229109	9,178	91,064	SH	SOLE	1	91,064	0	0
CARVANA CO	COM	146869102	1,199	20,652	SH	SOLE	1	20,652	0	0
CASA SYSTEMS INC	COM	14713L102	137	16,552	SH	SOLE	1	16,552	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	987	27,745	SH	SOLE	1	27,745	0	0
CASEY S GENERAL STORES INC	COM	147528103	9,402	73,013	SH	SOLE	1	73,013	0	0
CASI PHARMACEUTICALS INC	COM	14757U109	91	31,822	SH	SOLE	1	31,822	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	433	9,147	SH	SOLE	1	9,147	0	0
CASTLE BRANDS INC	COM	148435100	41	58,803	SH	SOLE	1	58,803	0	0
CASTLIGHT HEALTH INC B	COM	14862Q100	188	50,084	SH	SOLE	1	50,084	0	0
CATALENT INC	COM	148806102	11,796	290,622	SH	SOLE	1	290,622	0	0
CATALYST BIOSCIENCES INC	COM	14888D208	61	7,578	SH	SOLE	1	7,578	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	314	61,509	SH	SOLE	1	61,509	0	0
CATCHMARK TIMBER TRUST INC A	REIT	14912Y202	308	31,324	SH	SOLE	1	31,324	0	0
CATERPILLAR INC	COM	149123101	31,524	232,670	SH	SOLE	1	232,670	0	0
CATHAY GENERAL BANCORP	COM	149150104	6,800	200,540	SH	SOLE	1	200,540	0	0
CATO CORP CLASS A	COM	149205106	253	16,881	SH	SOLE	1	16,881	0	0
CAVCO INDUSTRIES INC	COM	149568107	760	6,464	SH	SOLE	1	6,464	0	0
CB FINANCIAL SERVICES INC	COM	12479G101	71	2,978	SH	SOLE	1	2,978	0	0
CBIZ INC	COM	124805102	666	32,909	SH	SOLE	1	32,909	0	0
CBL (PLUS) ASSOCIATES PROPERTIES	REIT	124830100	199	128,456	SH	SOLE	1	128,456	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	3,723	39,005	SH	SOLE	1	39,005	0	0
CBRE GROUP INC A	COM	12504L109	5,851	118,327	SH	SOLE	1	118,327	0	0
CBS CORP CLASS B NON VOTING	COM	124857202	5,924	124,627	SH	SOLE	1	124,627	0	0
CBTX INC	COM	12481V104	370	11,400	SH	SOLE	1	11,400	0	0
CDK GLOBAL INC	COM	12508E101	14,681	249,590	SH	SOLE	1	249,590	0	0
CDW CORP/DE	COM	12514G108	330	3,422	SH	SOLE	1	3,422	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	139	19,344	SH	SOLE	1	19,344	0	0
CEDAR REALTY TRUST INC	REIT	150602209	226	66,571	SH	SOLE	1	66,571	0	0
CELANESE CORP	COM	150870103	4,971	50,415	SH	SOLE	1	50,415	0	0

CELCUITY INC	COM	15102K100	81	3,706	SH	SOLE	1	3,706	0	0
CELGENE CORP	COM	151020104	30,080	318,851	SH	SOLE	1	318,851	0	0
CELLULAR BIOMEDICINE GROUP I	COM	15117P102	128	7,400	SH	SOLE	1	7,400	0	0
CELSIUS HOLDINGS INC	COM	15118V207	62	14,567	SH	SOLE	1	14,567	0	0
CENTENE CORP	COM	15135B101	10,421	196,259	SH	SOLE	1	196,259	0	0
CENTENNIAL RESOURCE DEVELO A	COM	15136A102	28	3,206	SH	SOLE	1	3,206	0	0
CENTERPOINT ENERGY INC	COM	15189T107	6,379	207,796	SH	SOLE	1	207,796	0	0
CENTERSTATE BANK CORP	COM	15201P109	1,392	58,459	SH	SOLE	1	58,459	0	0
CENTRAL EUROPEAN MEDIA ENT A	COM	G20045202	222	55,660	SH	SOLE	1	55,660	0	0
CENTRAL GARDEN (PLUS) PET CO	COM	153527106	200	7,841	SH	SOLE	1	7,841	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	723	31,098	SH	SOLE	1	31,098	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	619	21,468	SH	SOLE	1	21,468	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	144	7,349	SH	SOLE	1	7,349	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	335	37,669	SH	SOLE	1	37,669	0	0
CENTURY BANCORP INC CL A	COM	156432106	134	1,829	SH	SOLE	1	1,829	0	0
CENTURY CASINOS INC	COM	156492100	156	17,235	SH	SOLE	1	17,235	0	0
CENTURY COMMUNITIES INC	COM	156504300	400	16,686	SH	SOLE	1	16,686	0	0
CENTURYLINK INC	COM	156700106	4,962	413,874	SH	SOLE	1	413,874	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	42	820	SH	SOLE	1	820	0	0
CERNER CORP	COM	156782104	9,249	161,669	SH	SOLE	1	161,669	0	0
CERUS CORP	COM	157085101	535	85,821	SH	SOLE	1	85,821	0	0
CEVA INC	COM	157210105	443	16,449	SH	SOLE	1	16,449	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	3,583	87,655	SH	SOLE	1	87,655	0	0
CHANNELADVISOR CORP	COM	159179100	202	16,550	SH	SOLE	1	16,550	0	0
CHARAH SOLUTIONS INC	COM	15957P105	35	5,450	SH	SOLE	1	5,450	0	0
CHARLES RIVER LABORATORIES	COM	159864107	13,998	96,372	SH	SOLE	1	96,372	0	0
CHART INDUSTRIES INC	COM	16115Q308	2,116	23,373	SH	SOLE	1	23,373	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	24,697	71,191	SH	SOLE	1	71,191	0	0
CHASE CORP	COM	16150R104	428	4,620	SH	SOLE	1	4,620	0	0
CHATHAM LODGING TRUST	REIT	16208T102	669	34,750	SH	SOLE	1	34,750	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	3,236	25,585	SH	SOLE	1	25,585	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	5,353	109,433	SH	SOLE	1	109,433	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	515	16,585	SH	SOLE	1	16,585	0	0
CHEGG INC	COM	163092109	2,636	69,160	SH	SOLE	1	69,160	0	0
CHEMED CORP	COM	16359R103	10,220	31,929	SH	SOLE	1	31,929	0	0
CHEMICAL FINANCIAL CORP	COM	163731102	7,690	186,826	SH	SOLE	1	186,826	0	0
CHEMOCENTRYX INC	COM	16383L106	199	14,327	SH	SOLE	1	14,327	0	0
CHEMOURS CO/THE	COM	163851108	12,421	334,244	SH	SOLE	1	334,244	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	100	2,129	SH	SOLE	1	2,129	0	0



CHENIERE ENERGY INC	COM	16411R208	625	9,146	SH	SOLE	1	9,146	0	0
CHERRY HILL MORTGAGE INVESTM	REIT	164651101	178	10,337	SH	SOLE	1	10,337	0	0
CHESAPEAKE ENERGY CORP	COM	165167107	6,449	2,080,413	SH	SOLE	1	2,080,413	0	0
CHESAPEAKE LODGING TRUST	REIT	165240102	1,251	45,000	SH	SOLE	1	45,000	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	920	10,090	SH	SOLE	1	10,090	0	0
CHEVRON CORP	COM	166764100	493,368	4,005,259	SH	SOLE	1	4,005,259	0	0
CHICO S FAS INC	COM	168615102	397	93,049	SH	SOLE	1	93,049	0	0
CHILDREN S PLACE INC/THE	COM	168905107	1,161	11,936	SH	SOLE	1	11,936	0	0
CHIMERA INVESTMENT CORP	REIT	16934Q208	61	3,263	SH	SOLE	1	3,263	0	0
CHIMERIX INC	COM	16934W106	63	29,852	SH	SOLE	1	29,852	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	6,975	9,820	SH	SOLE	1	9,820	0	0
CHOICE HOTELS INTL INC	COM	169905106	63	809	SH	SOLE	1	809	0	0
CHROMADEX CORP	COM	171077407	103	24,542	SH	SOLE	1	24,542	0	0
CHUBB LTD	COM	H1467J104	29,386	209,780	SH	SOLE	1	209,780	0	0
CHURCH (PLUS) DWIGHT CO INC	COM	171340102	6,500	91,250	SH	SOLE	1	91,250	0	0
CHURCHILL DOWNS INC	COM	171484108	8,360	92,622	SH	SOLE	1	92,622	0	0
CHUY S HOLDINGS INC	COM	171604101	289	12,672	SH	SOLE	1	12,672	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	91	5,291	SH	SOLE	1	5,291	0	0
CIENA CORP	COM	171779309	14,032	375,781	SH	SOLE	1	375,781	0	0
CIGNA CORP	COM	125523100	20,162	125,367	SH	SOLE	1	125,367	0	0
CIMAREX ENERGY CO	COM	171798101	2,460	35,195	SH	SOLE	1	35,195	0	0
CIMPRESS NV	COM	N20146101	1,126	14,048	SH	SOLE	1	14,048	0	0
CINCINNATI BELL INC	COM	171871502	336	35,182	SH	SOLE	1	35,182	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	5,144	59,886	SH	SOLE	1	59,886	0	0
CINEMARK HOLDINGS INC	COM	17243V102	9,239	231,022	SH	SOLE	1	231,022	0	0
CINTAS CORP	COM	172908105	7,863	38,906	SH	SOLE	1	38,906	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	414	12,708	SH	SOLE	1	12,708	0	0
CIRRUS LOGIC INC	COM	172755100	6,513	154,814	SH	SOLE	1	154,814	0	0
CISCO SYSTEMS INC	COM	17275R102	585,369	10,842,173	SH	SOLE	1	10,842,173	0	0
CISION LTD	COM	G1992S109	588	42,726	SH	SOLE	1	42,726	0	0
CIT GROUP INC	COM	125581801	368	7,679	SH	SOLE	1	7,679	0	0
CITI TRENDS INC	COM	17306X102	148	7,649	SH	SOLE	1	7,649	0	0
CITIGROUP INC	COM	172967424	49,249	791,529	SH	SOLE	1	791,529	0	0
CITIZENS (PLUS) NORTHERN CORP	COM	172922106	189	7,562	SH	SOLE	1	7,562	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	7,153	220,084	SH	SOLE	1	220,084	0	0
CITIZENS INC	COM	174740100	210	31,555	SH	SOLE	1	31,555	0	0
CITRIX SYSTEMS INC	COM	177376100	5,334	53,526	SH	SOLE	1	53,526	0	0
CITY HOLDING CO	COM	177835105	919	12,067	SH	SOLE	1	12,067	0	0
CITY OFFICE REIT INC	REIT	178587101	280	24,768	SH	SOLE	1	24,768	0	0
CIVISTA BANCSHARES INC	COM	178867107	195	8,952	SH	SOLE	1	8,952	0	0
CLARUS CORP	COM	18270P109	171	13,334	SH	SOLE	1	13,334	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	270	87,503	SH	SOLE	1	87,503	0	0
CLEAN HARBORS INC	COM	184496107	7,253	101,393	SH	SOLE	1	101,393	0	0
CLEAR CHANNEL OUTDOOR CL A	COM	18451C109	130	24,292	SH	SOLE	1	24,292	0	0

CLEARFIELD INC	COM	18482P103	105	7,163	SH	SOLE	1	7,163	0	0
CLEARSIDE BIOMEDICAL INC	COM	185063104	25	17,829	SH	SOLE	1	17,829	0	0
CLEARWATER PAPER CORP	COM	18538R103	239	12,244	SH	SOLE	1	12,244	0	0
CLEARWAY ENERGY INC A	COM	18539C105	323	22,215	SH	SOLE	1	22,215	0	0
CLEARWAY ENERGY INC C	COM	18539C204	709	46,922	SH	SOLE	1	46,922	0	0
CLEVELAND CLIFFS INC	COM	185899101	1,865	186,659	SH	SOLE	1	186,659	0	0
CLIPPER REALTY INC	REIT	18885T306	127	9,479	SH	SOLE	1	9,479	0	0
CLOROX COMPANY	COM	189054109	20,092	125,217	SH	SOLE	1	125,217	0	0
CLOUDERA INC	COM	18914U100	1,399	127,924	SH	SOLE	1	127,924	0	0
CLOVIS ONCOLOGY INC	COM	189464100	754	30,362	SH	SOLE	1	30,362	0	0
CME GROUP INC	COM	12572Q105	25,691	156,103	SH	SOLE	1	156,103	0	0
CMS ENERGY CORP	COM	125896100	7,691	138,478	SH	SOLE	1	138,478	0	0
CNA FINANCIAL CORP	COM	126117100	21	495	SH	SOLE	1	495	0	0
CNB FINANCIAL CORP/PA	COM	126128107	234	9,264	SH	SOLE	1	9,264	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	6,837	422,564	SH	SOLE	1	422,564	0	0
CNX RESOURCES CORP	COM	12653C108	4,261	395,654	SH	SOLE	1	395,654	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	78	4,565	SH	SOLE	1	4,565	0	0
COCA COLA CO/THE	COM	191216100	434,159	9,265,033	SH	SOLE	1	9,265,033	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	1,021	3,546	SH	SOLE	1	3,546	0	0
COCA COLA EUROPEAN PARTNERS	COM	G25839104	1,224	23,653	SH	SOLE	1	23,653	0	0
CODEXIS INC	COM	192005106	676	32,945	SH	SOLE	1	32,945	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	124	5,808	SH	SOLE	1	5,808	0	0
COEUR MINING INC	COM	192108504	493	120,772	SH	SOLE	1	120,772	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,716	31,627	SH	SOLE	1	31,627	0	0
COGNEX CORP	COM	192422103	17,374	341,607	SH	SOLE	1	341,607	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	18,818	259,731	SH	SOLE	1	259,731	0	0
COHBAR INC	COM	19249J109	49	15,120	SH	SOLE	1	15,120	0	0
COHEN (PLUS) STEERS INC	COM	19247A100	601	14,229	SH	SOLE	1	14,229	0	0
COHERENT INC	COM	192479103	6,892	48,634	SH	SOLE	1	48,634	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	452	33,103	SH	SOLE	1	33,103	0	0
COHU INC	COM	192576106	444	30,070	SH	SOLE	1	30,070	0	0
COLFAX CORP	COM	194014106	5,622	189,407	SH	SOLE	1	189,407	0	0
COLGATE PALMOLIVE CO	COM	194162103	25,111	366,375	SH	SOLE	1	366,375	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	283	18,713	SH	SOLE	1	18,713	0	0
COLONY CAPITAL INC	REIT	19626G108	46	8,685	SH	SOLE	1	8,685	0	0
COLONY CREDIT REAL ESTATE IN	REIT	19625T101	839	53,565	SH	SOLE	1	53,565	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	1,807	55,276	SH	SOLE	1	55,276	0	0
COLUMBIA FINANCIAL INC	COM	197641103	496	31,682	SH	SOLE	1	31,682	0	0
COLUMBIA PROPERTY TRUST INC	REIT	198287203	47	2,073	SH	SOLE	1	2,073	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	58	559	SH	SOLE	1	559	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	489	14,240	SH	SOLE	1	14,240	0	0

COMCAST CORP CLASS A	COM	20030N101	82,353	2,059,843	SH	SOLE	1	2,059,843	0	0
COMERICA INC	COM	200340107	6,118	83,436	SH	SOLE	1	83,436	0	0
COMFORT SYSTEMS USA INC	COM	199908104	1,452	27,716	SH	SOLE	1	27,716	0	0
COMMERCE BANCSHARES INC	COM	200525103	11,431	196,887	SH	SOLE	1	196,887	0	0
COMMERCIAL METALS CO	COM	201723103	5,241	306,842	SH	SOLE	1	306,842	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	148	19,285	SH	SOLE	1	19,285	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	72	3,326	SH	SOLE	1	3,326	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	2,276	38,083	SH	SOLE	1	38,083	0	0
COMMUNITY BANKERS TRUST CORP	COM	203612106	100	13,694	SH	SOLE	1	13,694	0	0
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	88	3,089	SH	SOLE	1	3,089	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	255	68,333	SH	SOLE	1	68,333	0	0
COMMUNITY HEALTHCARE TRUST I	REIT	20369C106	482	13,425	SH	SOLE	1	13,425	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	406	9,887	SH	SOLE	1	9,887	0	0
COMMVAULT SYSTEMS INC	COM	204166102	6,587	101,743	SH	SOLE	1	101,743	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	4,823	88,711	SH	SOLE	1	88,711	0	0
COMPUTER PROGRAMS (PLUS) SYSTEMS	COM	205306103	260	8,757	SH	SOLE	1	8,757	0	0
COMPX INTERNATIONAL INC	COM	20563P101	15	1,052	SH	SOLE	1	1,052	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	410	17,659	SH	SOLE	1	17,659	0	0
CONAGRA BRANDS INC	COM	205887102	4,770	171,965	SH	SOLE	1	171,965	0	0
CONCERT PHARMACEUTICALS INC	COM	206022105	164	13,577	SH	SOLE	1	13,577	0	0
CONCHO RESOURCES INC	COM	20605P101	9,180	82,736	SH	SOLE	1	82,736	0	0
CONDUENT INC	COM	206787103	46	3,337	SH	SOLE	1	3,337	0	0
CONMED CORP	COM	207410101	1,592	19,138	SH	SOLE	1	19,138	0	0
CONN S INC	COM	208242107	352	15,412	SH	SOLE	1	15,412	0	0
CONNECTICUT WATER SVC INC	COM	207797101	528	7,687	SH	SOLE	1	7,687	0	0
CONNECTONE BANCORP INC	COM	20786W107	380	19,265	SH	SOLE	1	19,265	0	0
CONOCOPHILLIPS	COM	20825C104	28,691	429,893	SH	SOLE	1	429,893	0	0
CONS TOMOKA LAND CO FLORIDA	COM	210226106	142	2,411	SH	SOLE	1	2,411	0	0
CONSOL ENERGY INC	COM	20854L108	711	20,769	SH	SOLE	1	20,769	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	580	53,140	SH	SOLE	1	53,140	0	0
CONSOLIDATED EDISON INC	COM	209115104	16,507	194,634	SH	SOLE	1	194,634	0	0
CONSOLIDATED WATER CO ORD SH	COM	G23773107	121	9,385	SH	SOLE	1	9,385	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	9,484	54,091	SH	SOLE	1	54,091	0	0
CONSTELLATION PHARMACEUTICAL	COM	210373106	137	10,101	SH	SOLE	1	10,101	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	90	10,176	SH	SOLE	1	10,176	0	0
CONTINENTAL BUILDING PRODUCT	COM	211171103	588	23,707	SH	SOLE	1	23,707	0	0

CONTINENTAL RESOURCES INC/OK	COM	212015101	338	7,545	SH	SOLE	1	7,545	0	0
CONTROL4 CORP	COM	21240D107	339	20,044	SH	SOLE	1	20,044	0	0
COOPER COS INC/THE	COM	216648402	6,130	20,699	SH	SOLE	1	20,699	0	0
COOPER STANDARD HOLDING	COM	21676P103	621	13,214	SH	SOLE	1	13,214	0	0
COOPER TIRE (PLUS) RUBBER	COM	216831107	1,144	38,259	SH	SOLE	1	38,259	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	44	548	SH	SOLE	1	548	0	0
COPART INC	COM	217204106	4,285	70,717	SH	SOLE	1	70,717	0	0
CORBUS PHARMACEUTICALS HOLDI	COM	21833P103	242	34,869	SH	SOLE	1	34,869	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	876	74,593	SH	SOLE	1	74,593	0	0
CORE LABORATORIES N.V.	COM	N22717107	6,040	87,618	SH	SOLE	1	87,618	0	0
CORE MARK HOLDING CO INC	COM	218681104	1,282	34,523	SH	SOLE	1	34,523	0	0
CORECIVIC INC	REIT	21871N101	6,037	310,407	SH	SOLE	1	310,407	0	0
CORELOGIC INC	COM	21871D103	5,964	160,071	SH	SOLE	1	160,071	0	0
COREENERGY INFRASTRUCTURE TRU	REIT	21870U502	279	7,586	SH	SOLE	1	7,586	0	0
COREPOINT LODGING INC	REIT	21872L104	295	26,389	SH	SOLE	1	26,389	0	0
CORESITE REALTY CORP	REIT	21870Q105	7,858	73,426	SH	SOLE	1	73,426	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	1,900	34,689	SH	SOLE	1	34,689	0	0
CORNING INC	COM	219350105	10,196	308,027	SH	SOLE	1	308,027	0	0
CORPORATE OFFICE PROPERTIES	REIT	22002T108	6,000	219,786	SH	SOLE	1	219,786	0	0
CORVEL CORP	COM	221006109	443	6,792	SH	SOLE	1	6,792	0	0
CORVUS PHARMACEUTICALS INC	COM	221015100	36	8,843	SH	SOLE	1	8,843	0	0
COSTAMARE INC	COM	Y1771G102	166	31,994	SH	SOLE	1	31,994	0	0
COSTAR GROUP INC	COM	22160N109	389	835	SH	SOLE	1	835	0	0
COSTCO WHOLESALE CORP	COM	22160K105	42,370	174,980	SH	SOLE	1	174,980	0	0
COTY INC CL A	COM	222070203	1,839	159,886	SH	SOLE	1	159,886	0	0
COUNTY BANCORP INC	COM	221907108	57	3,267	SH	SOLE	1	3,267	0	0
COUPA SOFTWARE INC	COM	22266L106	3,239	35,606	SH	SOLE	1	35,606	0	0
COUSINS PROPERTIES INC	REIT	222795106	10,620	1,099,381	SH	SOLE	1	1,099,381	0	0
COVANTA HOLDING CORP	COM	22282E102	1,298	74,990	SH	SOLE	1	74,990	0	0
COVENANT TRANSPORT GRP CL A	COM	22284P105	149	7,867	SH	SOLE	1	7,867	0	0
COVETRUS INC	COM	22304C100	6,057	190,185	SH	SOLE	1	190,185	0	0
COVIA HOLDINGS CORP	COM	22305A103	111	19,818	SH	SOLE	1	19,818	0	0
COWEN INC	COM	223622606	256	17,662	SH	SOLE	1	17,662	0	0
CRA INTERNATIONAL INC	COM	12618T105	253	5,008	SH	SOLE	1	5,008	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	9,666	59,810	SH	SOLE	1	59,810	0	0
CRAFT BREW ALLIANCE INC	COM	224122101	114	8,121	SH	SOLE	1	8,121	0	0
CRANE CO	COM	224399105	8,574	101,324	SH	SOLE	1	101,324	0	0
CRAWFORD (PLUS) CO CL B	COM	224633107	64	7,029	SH	SOLE	1	7,029	0	0
CRAY INC	COM	225223304	797	30,601	SH	SOLE	1	30,601	0	0
CREDICORP LTD	COM	G2519Y108	280	1,166	SH	SOLE	1	1,166	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	117	258	SH	SOLE	1	258	0	0

CREE INC	COM	225447101	15,451	270,036	SH	SOLE	1	270,036	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	125	5,478	SH	SOLE	1	5,478	0	0
CROCS INC	COM	227046109	1,290	50,089	SH	SOLE	1	50,089	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	189	26,890	SH	SOLE	1	26,890	0	0
CROWN CASTLE INTL CORP	REIT	22822V101	21,164	165,347	SH	SOLE	1	165,347	0	0
CROWN HOLDINGS INC	COM	228368106	165	3,019	SH	SOLE	1	3,019	0	0
CRYOLIFE INC	COM	228903100	779	26,697	SH	SOLE	1	26,697	0	0
CRYOPORT INC	COM	229050307	225	17,421	SH	SOLE	1	17,421	0	0
CSG SYSTEMS INTL INC	COM	126349109	1,048	24,770	SH	SOLE	1	24,770	0	0
CSW INDUSTRIALS INC	COM	126402106	544	9,500	SH	SOLE	1	9,500	0	0
CSX CORP	COM	126408103	25,675	343,154	SH	SOLE	1	343,154	0	0
CTI BIOPHARMA CORP	COM	12648L601	32	32,574	SH	SOLE	1	32,574	0	0
CTRIP.COM INTERNATIONAL ADR	ADR	22943F100	1,587	36,326	SH	SOLE	1	36,326	0	0
CTS CORP	COM	126501105	726	24,721	SH	SOLE	1	24,721	0	0
CUBESMART	REIT	229663109	105	3,268	SH	SOLE	1	3,268	0	0
CUBIC CORP	COM	229669106	1,311	23,313	SH	SOLE	1	23,313	0	0
CUE BIOPHARMA INC	COM	22978P106	90	11,589	SH	SOLE	1	11,589	0	0
CULLEN/FROST BANKERS INC	COM	229899109	12,186	125,540	SH	SOLE	1	125,540	0	0
CULP INC	COM	230215105	137	7,118	SH	SOLE	1	7,118	0	0
CUMMINS INC	COM	231021106	11,253	71,278	SH	SOLE	1	71,278	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	75	7,475	SH	SOLE	1	7,475	0	0
CURTISS WRIGHT CORP	COM	231561101	9,678	85,386	SH	SOLE	1	85,386	0	0
CUSHMAN (PLUS) WAKEFIELD PLC	COM	G2717B108	534	29,983	SH	SOLE	1	29,983	0	0
CUSTOMERS BANCORP INC	COM	23204G100	399	21,785	SH	SOLE	1	21,785	0	0
CUTERA INC	COM	232109108	182	10,304	SH	SOLE	1	10,304	0	0
CVB FINANCIAL CORP	COM	126600105	1,756	83,423	SH	SOLE	1	83,423	0	0
CVR ENERGY INC	COM	12662P108	480	11,649	SH	SOLE	1	11,649	0	0
CVS HEALTH CORP	COM	126650100	42,698	791,734	SH	SOLE	1	791,734	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	505	38,005	SH	SOLE	1	38,005	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	10,849	727,130	SH	SOLE	1	727,130	0	0
CYRUSONE INC	REIT	23283R100	11,321	215,879	SH	SOLE	1	215,879	0	0
CYTOKINETICS INC	COM	23282W605	289	35,768	SH	SOLE	1	35,768	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	305	28,383	SH	SOLE	1	28,383	0	0
CYTOSORBENTS CORP	COM	23283X206	144	18,966	SH	SOLE	1	18,966	0	0
DAILY JOURNAL CORP	COM	233912104	153	714	SH	SOLE	1	714	0	0
DAKTRONICS INC	COM	234264109	206	27,599	SH	SOLE	1	27,599	0	0
DANA INC	COM	235825205	6,683	376,741	SH	SOLE	1	376,741	0	0
DANAHER CORP	COM	235851102	37,070	280,792	SH	SOLE	1	280,792	0	0
DARDEN RESTAURANTS INC	COM	237194105	5,987	49,284	SH	SOLE	1	49,284	0	0
DARLING INGREDIENTS INC	COM	237266101	2,684	123,951	SH	SOLE	1	123,951	0	0
DASAN ZHONE SOLUTIONS INC	COM	23305L206	40	3,746	SH	SOLE	1	3,746	0	0
DASEKE INC	COM	23753F107	133	26,163	SH	SOLE	1	26,163	0	0
DAVE (PLUS) BUSTER S ENTERTAINMEN	COM	238337109	1,461	29,289	SH	SOLE	1	29,289	0	0
DAVITA INC	COM	23918K108	2,375	43,745	SH	SOLE	1	43,745	0	0
DAWSON GEOPHYSICAL CO	COM	239360100	39	13,461	SH	SOLE	1	13,461	0	0

DEAN FOODS CO	COM	242370203	209	68,959	SH	SOLE	1	68,959	0	0
DECIPHERA PHARMACEUTICALS INC	COM	24344T101	130	5,606	SH	SOLE	1	5,606	0	0
DECKERS OUTDOOR CORP	COM	243537107	11,206	76,237	SH	SOLE	1	76,237	0	0
DEERE (PLUS) CO	COM	244199105	20,822	130,270	SH	SOLE	1	130,270	0	0
DEL FRISCO S RESTAURANT GROU	COM	245077102	135	21,102	SH	SOLE	1	21,102	0	0
DEL TACO RESTAURANTS INC	COM	245496104	196	19,461	SH	SOLE	1	19,461	0	0
DELEK US HOLDINGS INC	COM	24665A103	1,893	51,986	SH	SOLE	1	51,986	0	0
DELL TECHNOLOGIES C	COM	24703L202	235	4,006	SH	SOLE	1	4,006	0	0
DELPHI TECHNOLOGIES PLC	COM	G2709G107	3,370	174,954	SH	SOLE	1	174,954	0	0
DELTA AIR LINES INC	COM	247361702	16,558	320,573	SH	SOLE	1	320,573	0	0
DELUXE CORP	COM	248019101	5,064	115,835	SH	SOLE	1	115,835	0	0
DENALI THERAPEUTICS INC	COM	24823R105	675	29,058	SH	SOLE	1	29,058	0	0
DENBURY RESOURCES INC	COM	247916208	712	347,454	SH	SOLE	1	347,454	0	0
DENNY S CORP	COM	24869P104	714	38,931	SH	SOLE	1	38,931	0	0
DENTSPLY SIRONA INC	COM	24906P109	4,735	95,477	SH	SOLE	1	95,477	0	0
DERMIRA INC	COM	24983L104	301	22,203	SH	SOLE	1	22,203	0	0
DEVON ENERGY CORP	COM	25179M103	6,885	218,154	SH	SOLE	1	218,154	0	0
DEXCOM INC	COM	252131107	243	2,040	SH	SOLE	1	2,040	0	0
DHT HOLDINGS INC	COM	Y2065G121	261	58,612	SH	SOLE	1	58,612	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	291	2,082	SH	SOLE	1	2,082	0	0
DIAMOND OFFSHORE DRILLING	COM	25271C102	513	48,946	SH	SOLE	1	48,946	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	5,608	55,239	SH	SOLE	1	55,239	0	0
DIAMONDROCK HOSPITALITY CO	REIT	252784301	1,689	155,979	SH	SOLE	1	155,979	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	502	34,298	SH	SOLE	1	34,298	0	0
DICK S SPORTING GOODS INC	COM	253393102	5,416	147,141	SH	SOLE	1	147,141	0	0
DIEBOLD NIXDORF INC	COM	253651103	638	57,667	SH	SOLE	1	57,667	0	0
DIGI INTERNATIONAL INC	COM	253798102	263	20,721	SH	SOLE	1	20,721	0	0
DIGIMARC CORP	COM	25381B101	224	7,148	SH	SOLE	1	7,148	0	0
DIGITAL REALTY TRUST INC	REIT	253868103	9,800	82,349	SH	SOLE	1	82,349	0	0
DILLARDS INC CL A	COM	254067101	3,142	43,623	SH	SOLE	1	43,623	0	0
DIME COMMUNITY BANCSHARES	COM	253922108	444	23,687	SH	SOLE	1	23,687	0	0
DINE BRANDS GLOBAL INC	COM	254423106	1,164	12,753	SH	SOLE	1	12,753	0	0
DIODES INC	COM	254543101	1,056	30,441	SH	SOLE	1	30,441	0	0
DIPLOMAT PHARMACY INC	COM	25456K101	249	42,871	SH	SOLE	1	42,871	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	8,670	121,835	SH	SOLE	1	121,835	0	0
DISCOVERY INC A	COM	25470F104	2,572	95,198	SH	SOLE	1	95,198	0	0
DISCOVERY INC C	COM	25470F302	3,648	143,526	SH	SOLE	1	143,526	0	0
DISH NETWORK CORP A	COM	25470M109	2,732	86,204	SH	SOLE	1	86,204	0	0
DITECH HLDG CORP	*W EXP 02/09/202	25501G113	0	40	PRN	SOLE	2	40	0	0
DITECH HLDG CORP	*W EXP 02/09/202	25501G121	0	31	PRN	SOLE	2	31	0	0
DMC GLOBAL INC	COM	23291C103	452	9,106	SH	SOLE	1	9,106	0	0

DOCUSIGN INC	COM	256163106	89	1,718	SH	SOLE	1	1,718	0	0
DOLBY LABORATORIES INC CL A	COM	25659T107	69	1,098	SH	SOLE	1	1,098	0	0
DOLLAR GENERAL CORP	COM	256677105	10,928	91,597	SH	SOLE	1	91,597	0	0
DOLLAR TREE INC	COM	256746108	12,452	118,547	SH	SOLE	1	118,547	0	0
DOMINION ENERGY INC	COM	25746U109	20,285	264,611	SH	SOLE	1	264,611	0	0
DOMINO S PIZZA INC	COM	25754A201	21,193	82,110	SH	SOLE	1	82,110	0	0
DOMO INC CLASS B	COM	257554105	431	10,688	SH	SOLE	1	10,688	0	0
DOMTAR CORP	COM	257559203	6,231	125,498	SH	SOLE	1	125,498	0	0
DONALDSON CO INC	COM	257651109	12,805	255,797	SH	SOLE	1	255,797	0	0
DONEGAL GROUP INC CL A	COM	257701201	80	5,977	SH	SOLE	1	5,977	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	379	25,496	SH	SOLE	1	25,496	0	0
DORIAN LPG LTD	COM	Y2106R110	113	17,675	SH	SOLE	1	17,675	0	0
DORMAN PRODUCTS INC	COM	258278100	1,811	20,556	SH	SOLE	1	20,556	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	539	14,165	SH	SOLE	1	14,165	0	0
DOUGLAS EMMETT INC	REIT	25960P109	13,037	322,528	SH	SOLE	1	322,528	0	0
DOVA PHARMACEUTICALS INC	COM	25985T102	67	7,512	SH	SOLE	1	7,512	0	0
DOVER CORP	COM	260003108	5,660	60,344	SH	SOLE	1	60,344	0	0
DOWDUPONT INC	COM	26078J100	40,460	758,959	SH	SOLE	1	758,959	0	0
DR HORTON INC	COM	23331A109	5,270	127,364	SH	SOLE	1	127,364	0	0
DR. REDDY S LABORATORIES ADR	ADR	256135203	13	321	SH	SOLE	1	321	0	0
DRIL QUIP INC	COM	262037104	1,241	27,065	SH	SOLE	1	27,065	0	0
DRIVE SHACK INC	COM	262077100	173	38,561	SH	SOLE	1	38,561	0	0
DSP GROUP INC	COM	23332B106	32	2,276	SH	SOLE	1	2,276	0	0
DTE ENERGY COMPANY	COM	233331107	8,037	64,428	SH	SOLE	1	64,428	0	0
DUCOMMUN INC	COM	264147109	295	6,783	SH	SOLE	1	6,783	0	0
DUKE ENERGY CORP	COM	26441C204	22,024	244,713	SH	SOLE	1	244,713	0	0
DUKE REALTY CORP	REIT	264411505	3,802	124,327	SH	SOLE	1	124,327	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	125	5,263	SH	SOLE	1	5,263	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	12,415	165,311	SH	SOLE	1	165,311	0	0
DURECT CORPORATION	COM	266605104	63	99,955	SH	SOLE	1	99,955	0	0
DXC TECHNOLOGY CO	COM	23355L106	9,842	153,037	SH	SOLE	1	153,037	0	0
DXP ENTERPRISES INC	COM	233377407	473	12,153	SH	SOLE	1	12,153	0	0
DYCOM INDUSTRIES INC	COM	267475101	3,741	81,426	SH	SOLE	1	81,426	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	291	39,757	SH	SOLE	1	39,757	0	0
DYNEX CAPITAL INC	REIT	26817Q506	267	43,811	SH	SOLE	1	43,811	0	0
E TRADE FINANCIAL CORP	COM	269246401	4,353	93,756	SH	SOLE	1	93,756	0	0
EAGLE BANCORP INC	COM	268948106	1,209	24,079	SH	SOLE	1	24,079	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A143	141	30,425	SH	SOLE	1	30,425	0	0
EAGLE MATERIALS INC	COM	26969P108	7,740	91,815	SH	SOLE	1	91,815	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	401	7,952	SH	SOLE	1	7,952	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	87	12,293	SH	SOLE	1	12,293	0	0
EAST WEST BANCORP INC	COM	27579R104	16,632	346,721	SH	SOLE	1	346,721	0	0
EASTERLY GOVERNMENT PROPERTI	REIT	27616P103	825	45,791	SH	SOLE	1	45,791	0	0
EASTERN CO/THE	COM	276317104	96	3,478	SH	SOLE	1	3,478	0	0
EASTGROUP	REIT	277276101	2,985	26,738	SH	SOLE	1	26,738	0	0

PROPERTIES INC										
EASTMAN CHEMICAL CO	COM	277432100	4,061	53,520	SH	SOLE	1	53,520	0	0
EASTMAN KODAK CO	COM	277461406	32	10,788	SH	SOLE	1	10,788	0	0
EATON CORP PLC	COM	G29183103	16,471	204,453	SH	SOLE	1	204,453	0	0
EATON VANCE CORP	COM	278265103	9,447	234,358	SH	SOLE	1	234,358	0	0
EBAY INC	COM	278642103	15,303	412,039	SH	SOLE	1	412,039	0	0
EBIX INC	COM	278715206	886	17,942	SH	SOLE	1	17,942	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	523	21,119	SH	SOLE	1	21,119	0	0
ECHOSTAR CORP A	COM	278768106	31	838	SH	SOLE	1	838	0	0
ECOLAB INC	COM	278865100	18,883	106,964	SH	SOLE	1	106,964	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	6,207	141,417	SH	SOLE	1	141,417	0	0
EDISON INTERNATIONAL	COM	281020107	7,138	115,275	SH	SOLE	1	115,275	0	0
EDITAS MEDICINE INC	COM	28106W103	721	29,480	SH	SOLE	1	29,480	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	16,297	85,180	SH	SOLE	1	85,180	0	0
EGAIN CORP	COM	28225C806	119	11,434	SH	SOLE	1	11,434	0	0
EHEALTH INC	COM	28238P109	1,006	16,141	SH	SOLE	1	16,141	0	0
EIDOS THERAPEUTICS I	COM	28249H104	5,511	235,000	SH	SOLE	2	235,000	0	0
EIDOS THERAPEUTICS INC	COM	28249H104	243	10,362	SH	SOLE	1	10,362	0	0
EL PASO ELECTRIC CO	COM	283677854	1,802	30,632	SH	SOLE	1	30,632	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	214	16,449	SH	SOLE	1	16,449	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	47	1,473	SH	SOLE	1	1,473	0	0
ELASTIC NV	COM	N14506104	14	181	SH	SOLE	1	181	0	0
ELDORADO RESORTS INC	COM	28470R102	7,965	170,596	SH	SOLE	1	170,596	0	0
ELECTROCORE INC	COM	28531P103	54	7,759	SH	SOLE	1	7,759	0	0
ELECTRONIC ARTS INC	COM	285512109	13,368	131,535	SH	SOLE	1	131,535	0	0
ELECTRONICS FOR IMAGING	COM	286082102	886	32,933	SH	SOLE	1	32,933	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	46	4,535	SH	SOLE	1	4,535	0	0
ELEVATE CREDIT INC	COM	28621V101	57	13,142	SH	SOLE	1	13,142	0	0
ELF BEAUTY INC	COM	26856L103	153	14,443	SH	SOLE	1	14,443	0	0
ELI LILLY (PLUS) CO	COM	532457108	36,408	280,579	SH	SOLE	1	280,579	0	0
ELLIE MAE INC	COM	28849P100	2,182	22,114	SH	SOLE	1	22,114	0	0
ELOXX PHARMACEUTICALS INC	COM	29014R103	167	14,302	SH	SOLE	1	14,302	0	0
EMC INS GROUP INC	COM	268664109	188	5,894	SH	SOLE	1	5,894	0	0
EMCOR GROUP INC	COM	29084Q100	10,759	147,217	SH	SOLE	1	147,217	0	0
EMERALD EXPOSITIONS EVENTS I	COM	29103B100	201	15,817	SH	SOLE	1	15,817	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	1,734	34,319	SH	SOLE	1	34,319	0	0
EMERSON ELECTRIC CO	COM	291011104	31,261	456,570	SH	SOLE	1	456,570	0	0
EMPIRE RESORTS INC	COM	292052305	24	2,365	SH	SOLE	1	2,365	0	0
EMPIRE STATE REALTY TRUST A	REIT	292104106	39	2,499	SH	SOLE	1	2,499	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	980	24,428	SH	SOLE	1	24,428	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	1,198	12,539	SH	SOLE	1	12,539	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	11,535	197,511	SH	SOLE	1	197,511	0	0
ENCORE CAP GROUP INC	COM	292554102	1,229	45,142	SH	SOLE	2	45,142	0	0
ENCORE CAPITAL	COM	292554102	534	19,609	SH	SOLE	1	19,609	0	0



GROUP INC										
ENCORE WIRE CORP	COM	292562105	884	15,448	SH	SOLE	1	15,448	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	1,336	166,430	SH	SOLE	1	166,430	0	0
ENDOLOGIX INC	COM	29266S304	43	6,529	SH	SOLE	1	6,529	0	0
ENDURANCE INTERNATIONAL GROU	COM	29272B105	325	44,768	SH	SOLE	1	44,768	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	5,704	126,946	SH	SOLE	1	126,946	0	0
ENERGOUS CORP	COM	29272C103	97	15,226	SH	SOLE	1	15,226	0	0
ENERGY FUELS INC	COM	292671708	181	54,308	SH	SOLE	1	54,308	0	0
ENERGY RECOVERY INC	COM	29270J100	201	22,980	SH	SOLE	1	22,980	0	0
ENERSYS	COM	29275Y102	7,344	112,706	SH	SOLE	1	112,706	0	0
ENNIS INC	COM	293389102	339	16,347	SH	SOLE	1	16,347	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	570	24,993	SH	SOLE	1	24,993	0	0
ENPHASE ENERGY INC	COM	29355A107	509	55,167	SH	SOLE	1	55,167	0	0
ENPRO INDUSTRIES INC	COM	29355X107	998	15,486	SH	SOLE	1	15,486	0	0
ENSCO PLC CL A	COM	G3157S106	3,397	864,453	SH	SOLE	1	864,453	0	0
ENSIGN GROUP INC/THE	COM	29358P101	1,924	37,588	SH	SOLE	1	37,588	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,336	7,681	SH	SOLE	1	7,681	0	0
ENTEGRA FINANCIAL CORP	COM	29363J108	96	4,282	SH	SOLE	1	4,282	0	0
ENTEGRIS INC	COM	29362U104	3,232	90,549	SH	SOLE	1	90,549	0	0
ENTERCOM COMMUNICATIONS CL A	COM	293639100	429	81,660	SH	SOLE	1	81,660	0	0
ENERGY CORP	COM	29364G103	6,408	67,004	SH	SOLE	1	67,004	0	0
ENTERPRISE BANCORP INC	COM	293668109	177	6,145	SH	SOLE	1	6,145	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	584	14,325	SH	SOLE	1	14,325	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	133	41,074	SH	SOLE	1	41,074	0	0
ENVESTNET INC	COM	29404K106	1,863	28,493	SH	SOLE	1	28,493	0	0
ENZO BIOCHEM INC	COM	294100102	77	28,084	SH	SOLE	1	28,084	0	0
EOG RESOURCES INC	COM	26875P101	23,146	243,180	SH	SOLE	1	243,180	0	0
EP ENERGY CORP CL A	COM	268785102	7	26,398	SH	SOLE	1	26,398	0	0
EPAM SYSTEMS INC	COM	29414B104	203	1,199	SH	SOLE	1	1,199	0	0
EPIZYME INC	COM	29428V104	471	37,992	SH	SOLE	1	37,992	0	0
EPLUS INC	COM	294268107	898	10,138	SH	SOLE	1	10,138	0	0
EPR PROPERTIES	REIT	26884U109	11,488	149,386	SH	SOLE	1	149,386	0	0
EQT CORP	COM	26884L109	10,539	508,160	SH	SOLE	1	508,160	0	0
EQUIFAX INC	COM	294429105	4,982	42,041	SH	SOLE	1	42,041	0	0
EQUILLIUM INC	COM	29446K106	27	3,327	SH	SOLE	1	3,327	0	0
EQUINIX INC	REIT	29444U700	14,594	32,206	SH	SOLE	1	32,206	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	8,840	405,879	SH	SOLE	1	405,879	0	0
EQUITY BANCSHARES INC CL A	COM	29460X109	246	8,526	SH	SOLE	1	8,526	0	0
EQUITY COMMONWEALTH	REIT	294628102	67	2,056	SH	SOLE	1	2,056	0	0
EQUITY LIFESTYLE PROPERTIES	REIT	29472R108	229	2,000	SH	SOLE	1	2,000	0	0
EQUITY RESIDENTIAL	REIT	29476L107	10,921	144,992	SH	SOLE	1	144,992	0	0
ERA GROUP INC	COM	26885G109	176	15,281	SH	SOLE	1	15,281	0	0
ERIE INDEMNITY COMPANY CL A	COM	29530P102	96	540	SH	SOLE	1	540	0	0
EROS INTERNATIONAL PLC	COM	G3788M114	200	21,897	SH	SOLE	1	21,897	0	0
ESCALADE INC	COM	296056104	76	6,795	SH	SOLE	1	6,795	0	0
ESCO TECHNOLOGIES	COM	296315104	1,293	19,293	SH	SOLE	1	19,293	0	0

INC										
ESPERION THERAPEUTICS INC	COM	29664W105	586	14,591	SH	SOLE	1	14,591	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	88	3,851	SH	SOLE	1	3,851	0	0
ESSA BANCORP INC	COM	29667D104	93	6,066	SH	SOLE	1	6,066	0	0
ESSENT GROUP LTD	COM	G3198U102	4,172	96,010	SH	SOLE	1	96,010	0	0
ESSENTIAL PROPERTIES REALTY	REIT	29670E107	443	22,703	SH	SOLE	1	22,703	0	0
ESSEX PROPERTY TRUST INC	REIT	297178105	6,565	22,699	SH	SOLE	1	22,699	0	0
ESTEE LAUDER COMPANIES CL A	COM	518439104	14,918	90,113	SH	SOLE	1	90,113	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	348	18,168	SH	SOLE	1	18,168	0	0
ETSY INC	COM	29786A106	5,123	76,209	SH	SOLE	1	76,209	0	0
EURONET WORLDWIDE INC	COM	298736109	144	1,008	SH	SOLE	1	1,008	0	0
EVANS BANCORP INC	COM	29911Q208	106	2,977	SH	SOLE	1	2,977	0	0
EVELO BIOSCIENCES INC	COM	299734103	70	8,791	SH	SOLE	1	8,791	0	0
EVERBRIDGE INC	COM	29978A104	1,395	18,595	SH	SOLE	1	18,595	0	0
EVERCORE INC A	COM	29977A105	7,461	81,988	SH	SOLE	1	81,988	0	0
EVEREST RE GROUP LTD	COM	G3223R108	3,631	16,813	SH	SOLE	1	16,813	0	0
EVERGY INC	COM	30034W106	5,244	90,342	SH	SOLE	1	90,342	0	0
EVERI HOLDINGS INC	COM	30034T103	445	42,345	SH	SOLE	1	42,345	0	0
EVERSOURCE ENERGY	COM	30040W108	10,394	146,499	SH	SOLE	1	146,499	0	0
EVERTEC INC	COM	30040P103	1,278	45,948	SH	SOLE	1	45,948	0	0
EVI INDUSTRIES INC	COM	26929N102	93	2,442	SH	SOLE	1	2,442	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	459	15,791	SH	SOLE	1	15,791	0	0
EVOLENT HEALTH INC A	COM	30050B101	547	43,469	SH	SOLE	1	43,469	0	0
EVOLUS INC	COM	30052C107	134	5,937	SH	SOLE	1	5,937	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	110	16,244	SH	SOLE	1	16,244	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	607	48,277	SH	SOLE	1	48,277	0	0
EW SCRIPPS CO/THE A	COM	811054402	741	35,308	SH	SOLE	1	35,308	0	0
EXACT SCIENCES CORP	COM	30063P105	242	2,795	SH	SOLE	1	2,795	0	0
EXANTAS CAPITAL CORP	REIT	30068N105	206	19,363	SH	SOLE	1	19,363	0	0
EXELA TECHNOLOGIES INC	COM	30162V102	101	30,229	SH	SOLE	1	30,229	0	0
EXELIXIS INC	COM	30161Q104	14,285	600,227	SH	SOLE	1	600,227	0	0
EXELON CORP	COM	30161N101	16,363	326,418	SH	SOLE	1	326,418	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	1,520	25,333	SH	SOLE	1	25,333	0	0
EXPEDIA GROUP INC	COM	30212P303	8,102	68,088	SH	SOLE	1	68,088	0	0
EXPEDITORS INTL WASH INC	COM	302130109	5,361	70,634	SH	SOLE	1	70,634	0	0
EXPONENT INC	COM	30214U102	2,250	38,982	SH	SOLE	1	38,982	0	0
EXPRESS INC	COM	30219E103	217	50,764	SH	SOLE	1	50,764	0	0
EXTENDED STAY AMERICA INC	COM	30224P200	71	3,977	SH	SOLE	1	3,977	0	0
EXTERRAN CORP	COM	30227H106	411	24,370	SH	SOLE	1	24,370	0	0
EXTRA SPACE STORAGE INC	REIT	30225T102	4,944	48,517	SH	SOLE	1	48,517	0	0
EXTRACTION OIL (PLUS) GAS INC	COM	30227M105	8	1,937	SH	SOLE	1	1,937	0	0
EXTREME NETWORKS INC	COM	30226D106	655	87,504	SH	SOLE	1	87,504	0	0
EXXON MOBIL CORP	COM	30231G102	509,850	6,310,026	SH	SOLE	1	6,310,026	0	0
EZCORP INC CL A	COM	302301106	361	38,729	SH	SOLE	1	38,729	0	0

F5 NETWORKS INC	COM	315616102	3,253	20,732	SH	SOLE	1	20,732	0	0
FABRINET	COM	G3323L100	1,431	27,334	SH	SOLE	1	27,334	0	0
FACEBOOK INC CLASS A	COM	30303M102	151,079	906,346	SH	SOLE	1	906,346	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	18,887	76,076	SH	SOLE	1	76,076	0	0
FAIR ISAAC CORP	COM	303250104	15,794	58,146	SH	SOLE	1	58,146	0	0
FARMER BROS CO	COM	307675108	128	6,405	SH	SOLE	1	6,405	0	0
FARMERS (PLUS) MERCHANTS BANCO/OH	COM	30779N105	171	5,695	SH	SOLE	1	5,695	0	0
FARMERS NATL BANC CORP	COM	309627107	223	16,159	SH	SOLE	1	16,159	0	0
FARMLAND PARTNERS INC	REIT	31154R109	123	19,210	SH	SOLE	1	19,210	0	0
FARO TECHNOLOGIES INC	COM	311642102	568	12,938	SH	SOLE	1	12,938	0	0
FASTENAL CO	COM	311900104	22,097	343,595	SH	SOLE	1	343,595	0	0
FATE THERAPEUTICS INC	COM	31189P102	680	38,679	SH	SOLE	1	38,679	0	0
FB FINANCIAL CORP	COM	30257X104	331	10,434	SH	SOLE	1	10,434	0	0
FBL FINANCIAL GROUP INC CL A	COM	30239F106	396	6,308	SH	SOLE	1	6,308	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	415	5,725	SH	SOLE	1	5,725	0	0
FEDERAL REALTY INVS TRUST	REIT	313747206	3,990	28,945	SH	SOLE	1	28,945	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,169	44,982	SH	SOLE	1	44,982	0	0
FEDERATED INVESTORS INC CL B	COM	314211103	7,359	251,091	SH	SOLE	1	251,091	0	0
FEDEX CORP	COM	31428X106	14,433	79,560	SH	SOLE	1	79,560	0	0
FEDNAT HOLDING CO	COM	31431B109	118	7,330	SH	SOLE	1	7,330	0	0
FENNEC PHARMACEUTICALS INC	COM	31447P100	37	7,710	SH	SOLE	1	7,710	0	0
FERRO CORP	COM	315405100	1,190	62,871	SH	SOLE	1	62,871	0	0
FGL HOLDINGS	COM	G3402M102	736	93,475	SH	SOLE	1	93,475	0	0
FIBROGEN INC	COM	31572Q808	2,636	48,502	SH	SOLE	1	48,502	0	0
FIDELITY D(PLUS)D BANCORP INC	COM	31609R100	105	1,780	SH	SOLE	1	1,780	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	446	12,211	SH	SOLE	1	12,211	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	15,060	133,155	SH	SOLE	1	133,155	0	0
FIDELITY SOUTHERN CORP	COM	316394105	454	16,583	SH	SOLE	1	16,583	0	0
FIESTA RESTAURANT GROUP	COM	31660B101	235	17,895	SH	SOLE	1	17,895	0	0
FIFTH THIRD BANCORP	COM	316773100	10,459	414,694	SH	SOLE	1	414,694	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	266	9,793	SH	SOLE	1	9,793	0	0
FINISAR CORPORATION	COM	31787A507	2,056	88,740	SH	SOLE	1	88,740	0	0
FIREEYE INC	COM	31816Q101	69	4,108	SH	SOLE	1	4,108	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	12,186	236,612	SH	SOLE	1	236,612	0	0
FIRST BANCORP INC/ME	COM	31866P102	161	6,478	SH	SOLE	1	6,478	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,856	161,943	SH	SOLE	1	161,943	0	0
FIRST BANCORP/NC	COM	318910106	649	18,666	SH	SOLE	1	18,666	0	0
FIRST BANCSHARES INC/MS	COM	318916103	244	7,898	SH	SOLE	1	7,898	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	120	10,408	SH	SOLE	1	10,408	0	0
FIRST BUSEY CORP	COM	319383204	680	27,884	SH	SOLE	1	27,884	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	106	5,291	SH	SOLE	1	5,291	0	0

FIRST CHOICE BANCORP	COM	31948P104	123	5,724	SH	SOLE	1	5,724	0	0
FIRST CITIZENS BCSHS CL A	COM	31946M103	56	138	SH	SOLE	1	138	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	934	74,132	SH	SOLE	1	74,132	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	330	9,950	SH	SOLE	1	9,950	0	0
FIRST COMMUNITY CORP	COM	319835104	87	4,575	SH	SOLE	1	4,575	0	0
FIRST DATA CORP CLASS A	COM	32008D106	334	12,706	SH	SOLE	1	12,706	0	0
FIRST DEFIANCE FINL CORP	COM	32006W106	366	12,721	SH	SOLE	1	12,721	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,745	72,508	SH	SOLE	1	72,508	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	319	7,598	SH	SOLE	1	7,598	0	0
FIRST FINANCIAL NORTHWEST	COM	32022K102	82	5,218	SH	SOLE	1	5,218	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	10,142	175,530	SH	SOLE	1	175,530	0	0
FIRST FOUNDATION INC	COM	32026V104	330	24,295	SH	SOLE	1	24,295	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	63	3,071	SH	SOLE	1	3,071	0	0
FIRST HAWAIIAN INC	COM	32051X108	60	2,309	SH	SOLE	1	2,309	0	0
FIRST HORIZON NATIONAL CORP	COM	320517105	8,875	634,848	SH	SOLE	1	634,848	0	0
FIRST INDUSTRIAL REALTY TR	REIT	32054K103	11,660	329,742	SH	SOLE	1	329,742	0	0
FIRST INTERNET BANCORP	COM	320557101	120	6,226	SH	SOLE	1	6,226	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	836	20,982	SH	SOLE	1	20,982	0	0
FIRST MERCHANTS CORP	COM	320817109	1,157	31,401	SH	SOLE	1	31,401	0	0
FIRST MID ILLINOIS BNCSHS	COM	320866106	270	8,095	SH	SOLE	1	8,095	0	0
FIRST MIDWEST BANCORP INC/IL	COM	320867104	1,637	80,030	SH	SOLE	1	80,030	0	0
FIRST NORTHWEST BANCORP	COM	335834107	91	5,865	SH	SOLE	1	5,865	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	343	15,653	SH	SOLE	1	15,653	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	6,055	60,277	SH	SOLE	1	60,277	0	0
FIRST SAVINGS FINANCIAL GRP	COM	33621E109	63	1,162	SH	SOLE	1	1,162	0	0
FIRST SOLAR INC	COM	336433107	7,966	150,753	SH	SOLE	1	150,753	0	0
FIRST UNITED CORP	COM	33741H107	75	4,359	SH	SOLE	1	4,359	0	0
FIRSTCASH INC	COM	33767D105	2,801	32,382	SH	SOLE	1	32,382	0	0
FIRSTENERGY CORP	COM	337932107	14,631	351,619	SH	SOLE	1	351,619	0	0
FISERV INC	COM	337738108	16,223	183,768	SH	SOLE	1	183,768	0	0
FITBIT INC A	COM	33812L102	808	136,434	SH	SOLE	1	136,434	0	0
FIVE BELOW	COM	33829M101	18,027	145,088	SH	SOLE	1	145,088	0	0
FIVE PRIME THERAPEUTICS INC	COM	33830X104	287	21,386	SH	SOLE	1	21,386	0	0
FIVE9 INC	COM	338307101	1,933	36,580	SH	SOLE	1	36,580	0	0
FLAGSTAR BANCORP INC	COM	337930705	732	22,240	SH	SOLE	1	22,240	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	7,766	31,494	SH	SOLE	1	31,494	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	267	21,419	SH	SOLE	1	21,419	0	0
FLEXSTEEL INDS	COM	339382103	108	4,677	SH	SOLE	1	4,677	0	0

FLIR SYSTEMS INC	COM	302445101	2,285	48,024	SH	SOLE	1	48,024	0	0
FLOOR (PLUS) DECOR HOLDINGS INC A	COM	339750101	46	1,128	SH	SOLE	1	1,128	0	0
FLOTEK INDUSTRIES INC	COM	343389102	114	35,094	SH	SOLE	1	35,094	0	0
FLOWERS FOODS INC	COM	343498101	7,801	365,891	SH	SOLE	1	365,891	0	0
FLOWERVE CORP	COM	34354P105	2,238	49,582	SH	SOLE	1	49,582	0	0
FLUENT INC	COM	34380C102	117	20,780	SH	SOLE	1	20,780	0	0
FLUIDIGM CORP	COM	34385P108	278	20,946	SH	SOLE	1	20,946	0	0
FLUOR CORP	COM	343412102	2,560	69,554	SH	SOLE	1	69,554	0	0
FLUSHING FINANCIAL CORP	COM	343873105	376	17,166	SH	SOLE	1	17,166	0	0
FMC CORP	COM	302491303	5,331	69,393	SH	SOLE	1	69,393	0	0
FNB CORP	COM	302520101	6,860	647,200	SH	SOLE	1	647,200	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	600	16,822	SH	SOLE	1	16,822	0	0
FONAR CORP	COM	344437405	81	3,970	SH	SOLE	1	3,970	0	0
FOOT LOCKER INC	COM	344849104	19,691	324,938	SH	SOLE	1	324,938	0	0
FORD MOTOR CO	COM	345370860	15,442	1,758,780	SH	SOLE	1	1,758,780	0	0
FORESCOUT TECHNOLOGIES INC	COM	34553D101	823	19,626	SH	SOLE	1	19,626	0	0
FORESTAR GROUP INC	COM	346232101	116	6,725	SH	SOLE	1	6,725	0	0
FORMFACTOR INC	COM	346375108	900	55,940	SH	SOLE	1	55,940	0	0
FORRESTER RESEARCH INC	COM	346563109	379	7,849	SH	SOLE	1	7,849	0	0
FORTERRA INC	COM	34960W106	51	12,036	SH	SOLE	1	12,036	0	0
FORTINET INC	COM	34959E109	4,232	50,400	SH	SOLE	1	50,400	0	0
FORTIVE CORP	COM	34959J108	11,134	132,717	SH	SOLE	1	132,717	0	0
FORTRESS BIOTECH INC	COM	34960Q109	41	23,266	SH	SOLE	1	23,266	0	0
FORTUNE BRANDS HOME (PLUS) SECURI	COM	34964C106	2,389	50,174	SH	SOLE	1	50,174	0	0
FORTY SEVEN INC	COM	34983P104	144	8,929	SH	SOLE	1	8,929	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V100	264	51,677	SH	SOLE	1	51,677	0	0
FORWARD AIR CORP	COM	349853101	1,410	21,788	SH	SOLE	1	21,788	0	0
FOSSIL GROUP INC	COM	34988V106	473	34,478	SH	SOLE	1	34,478	0	0
FOSTER (LB) CO A	COM	350060109	120	6,356	SH	SOLE	1	6,356	0	0
FOUNDATION BUILDING MATERIAL	COM	350392106	93	9,403	SH	SOLE	1	9,403	0	0
FOUR CORNERS PROPERTY TRUST	REIT	35086T109	1,518	51,267	SH	SOLE	1	51,267	0	0
FOX CORP CLASS A	COM	35137L105	6,201	168,931	SH	SOLE	1	168,931	0	0
FOX CORP CLASS B	COM	35137L204	2,508	69,904	SH	SOLE	1	69,904	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	1,921	27,490	SH	SOLE	1	27,490	0	0
FRANCESCAS HOLDINGS CORP	COM	351793104	15	22,212	SH	SOLE	1	22,212	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	290	46,691	SH	SOLE	1	46,691	0	0
FRANKLIN COVEY CO	COM	353469109	158	6,232	SH	SOLE	1	6,232	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	1,743	34,110	SH	SOLE	1	34,110	0	0
FRANKLIN FINANCIAL NETWORK	COM	35352P104	281	9,688	SH	SOLE	1	9,688	0	0
FRANKLIN RESOURCES INC	COM	354613101	9,278	279,949	SH	SOLE	1	279,949	0	0
FRANKLIN STREET PROPERTIES C	REIT	35471R106	569	79,140	SH	SOLE	1	79,140	0	0
FREEMPORT MCMORAN INC	COM	35671D857	6,517	505,572	SH	SOLE	1	505,572	0	0
FREIGHTCAR AMERICA INC	COM	357023100	47	7,616	SH	SOLE	1	7,616	0	0

FRESH DEL MONTE PRODUCE INC	COM	G36738105	525	19,409	SH	SOLE	1	19,409	0	0
FRESHPET INC	COM	358039105	708	16,736	SH	SOLE	1	16,736	0	0
FRONT YARD RESIDENTIAL CORP	REIT	35904G107	292	31,458	SH	SOLE	1	31,458	0	0
FRONTDOOR INC	COM	35905A109	55	1,585	SH	SOLE	1	1,585	0	0
FRONTIER COMMUNICATIONS CORP	COM	35906A306	157	78,946	SH	SOLE	1	78,946	0	0
FRONTLINE LTD	COM	G3682E192	317	49,055	SH	SOLE	1	49,055	0	0
FRP HOLDINGS INC	COM	30292L107	215	4,513	SH	SOLE	1	4,513	0	0
FS BANCORP INC	COM	30263Y104	124	2,450	SH	SOLE	1	2,450	0	0
FTI CONSULTING INC	COM	302941109	2,204	28,695	SH	SOLE	1	28,695	0	0
FTS INTERNATIONAL INC	COM	30283W104	208	20,750	SH	SOLE	1	20,750	0	0
FUELCELL ENERGY INC	COM	35952H502	16	63,059	SH	SOLE	1	63,059	0	0
FULTON FINANCIAL CORP	COM	360271100	6,847	442,315	SH	SOLE	1	442,315	0	0
FUNKO INC CLASS A	COM	361008105	154	7,096	SH	SOLE	1	7,096	0	0
FUSION CONNECT INC	COM	36116X102	19	14,263	SH	SOLE	1	14,263	0	0
FUTUREFUEL CORP	COM	36116M106	709	52,881	SH	SOLE	1	52,881	0	0
FVCBANKCORP INC	COM	36120Q101	21	1,259	SH	SOLE	1	1,259	0	0
G III APPAREL GROUP LTD	COM	36237H101	1,306	32,676	SH	SOLE	1	32,676	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	246	14,794	SH	SOLE	1	14,794	0	0
GAIA INC	COM	36269P104	66	7,179	SH	SOLE	1	7,179	0	0
GAIN CAPITAL HOLDINGS INC	COM	36268W100	108	17,260	SH	SOLE	1	17,260	0	0
GAMCO INVESTORS INC A	COM	361438104	62	3,035	SH	SOLE	1	3,035	0	0
GAMESTOP CORP CLASS A	COM	36467W109	1,272	125,183	SH	SOLE	1	125,183	0	0
GAMING AND LEISURE PROPERTIE	REIT	36467J108	153	3,955	SH	SOLE	1	3,955	0	0
GANNETT CO INC	COM	36473H104	904	85,747	SH	SOLE	1	85,747	0	0
GAP INC/THE	COM	364760108	379,560	14,498,094	SH	SOLE	1	14,498,094	0	0
GARDNER DENVER HOLDINGS INC	COM	36555P107	69	2,467	SH	SOLE	1	2,467	0	0
GARMIN LTD	COM	H2906T109	3,992	46,227	SH	SOLE	1	46,227	0	0
GARRETT MOTION INC	COM	366505105	128	8,723	SH	SOLE	1	8,723	0	0
GARTNER INC	COM	366651107	4,973	32,785	SH	SOLE	1	32,785	0	0
GASLOG LTD	COM	G37585109	454	25,982	SH	SOLE	1	25,982	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	11	778	SH	SOLE	1	778	0	0
GATX CORP	COM	361448103	7,357	96,337	SH	SOLE	1	96,337	0	0
GCI LIBERTY INC CLASS A	COM	36164V305	98	1,766	SH	SOLE	1	1,766	0	0
GCP APPLIED TECHNOLOGIES	COM	36164Y101	1,358	45,867	SH	SOLE	1	45,867	0	0
GENCO SHIPPING (PLUS) TRADING LTD	COM	Y2685T131	46	6,225	SH	SOLE	1	6,225	0	0
GENCOR INDUSTRIES INC	COM	368678108	69	5,612	SH	SOLE	1	5,612	0	0
GENERAC HOLDINGS INC	COM	368736104	1,982	38,688	SH	SOLE	1	38,688	0	0
GENERAL DYNAMICS CORP	COM	369550108	15,439	91,201	SH	SOLE	1	91,201	0	0
GENERAL ELECTRIC CO	COM	369604103	29,272	2,930,149	SH	SOLE	1	2,930,149	0	0
GENERAL FINANCE CORP	COM	369822101	66	7,039	SH	SOLE	1	7,039	0	0
GENERAL MILLS INC	COM	370334104	477,440	9,225,895	SH	SOLE	1	9,225,895	0	0
GENERAL MOTORS CO	COM	37045V100	16,369	441,223	SH	SOLE	1	441,223	0	0
GENESCO INC	COM	371532102	681	14,948	SH	SOLE	1	14,948	0	0

GENESEE (PLUS) WYOMING INC CL A	COM	371559105	9,795	112,401	SH	SOLE	1	112,401	0	0
GENESIS HEALTHCARE INC	COM	37185X106	52	36,415	SH	SOLE	1	36,415	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	234	33,065	SH	SOLE	1	33,065	0	0
GENOMIC HEALTH INC	COM	37244C101	936	13,365	SH	SOLE	1	13,365	0	0
GENPACT LTD	COM	G3922B107	101	2,880	SH	SOLE	1	2,880	0	0
GENTEX CORP	COM	371901109	10,719	518,333	SH	SOLE	1	518,333	0	0
GENTHERM INC	COM	37253A103	965	26,192	SH	SOLE	1	26,192	0	0
GENUINE PARTS CO	COM	372460105	19,773	176,500	SH	SOLE	1	176,500	0	0
GENWORTH FINANCIAL INC CL A	COM	37247D106	5,024	1,311,619	SH	SOLE	1	1,311,619	0	0
GEO GROUP INC/THE	REIT	36162J106	6,055	315,339	SH	SOLE	1	315,339	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	21	1,607	SH	SOLE	1	1,607	0	0
GERMAN AMERICAN BANCORP	COM	373865104	429	14,582	SH	SOLE	1	14,582	0	0
GERON CORP	COM	374163103	181	109,319	SH	SOLE	1	109,319	0	0
GETTY REALTY CORP	REIT	374297109	797	24,888	SH	SOLE	1	24,888	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,552	38,212	SH	SOLE	1	38,212	0	0
GILEAD SCIENCES INC	COM	375558103	379,290	5,834,335	SH	SOLE	1	5,834,335	0	0
GLACIER BANCORP INC	COM	37637Q105	2,570	64,128	SH	SOLE	1	64,128	0	0
GLADSTONE COMMERCIAL CORP	REIT	376536108	380	18,288	SH	SOLE	1	18,288	0	0
GLADSTONE LAND CORP	REIT	376549101	117	9,225	SH	SOLE	1	9,225	0	0
GLATFELTER	COM	377316104	465	32,902	SH	SOLE	1	32,902	0	0
GLAUKOS CORP	COM	377322102	1,703	21,730	SH	SOLE	1	21,730	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	1,807	34,140	SH	SOLE	1	34,140	0	0
GLOBAL BRASS (PLUS) COPPER HOLDIN	COM	37953G103	478	13,875	SH	SOLE	1	13,875	0	0
GLOBAL INDEMNITY LTD	COM	G3933F105	163	5,360	SH	SOLE	1	5,360	0	0
GLOBAL MEDICAL REIT INC	REIT	37954A204	141	14,404	SH	SOLE	1	14,404	0	0
GLOBAL NET LEASE INC	REIT	379378201	1,110	58,734	SH	SOLE	1	58,734	0	0
GLOBAL PAYMENTS INC	COM	37940X102	7,495	54,898	SH	SOLE	1	54,898	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	68	6,899	SH	SOLE	1	6,899	0	0
GLOBUS MEDICAL INC A	COM	379577208	9,780	197,941	SH	SOLE	1	197,941	0	0
GLU MOBILE INC	COM	379890106	786	71,884	SH	SOLE	1	71,884	0	0
GLYCOMIMETICS INC	COM	38000Q102	271	21,721	SH	SOLE	1	21,721	0	0
GMS INC	COM	36251C103	314	20,774	SH	SOLE	1	20,774	0	0
GNC HOLDINGS INC CL A	COM	36191G107	143	52,372	SH	SOLE	1	52,372	0	0
GODADDY INC CLASS A	COM	380237107	281	3,741	SH	SOLE	1	3,741	0	0
GOGO INC	COM	38046C109	165	36,794	SH	SOLE	1	36,794	0	0
GOLAR LNG LTD	COM	G9456A100	1,273	60,349	SH	SOLE	1	60,349	0	0
GOLD RESOURCE CORP	COM	38068T105	132	33,574	SH	SOLE	1	33,574	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	168	11,843	SH	SOLE	1	11,843	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	22,133	115,284	SH	SOLE	1	115,284	0	0
GOODRICH PETROLEUM CORP	COM	382410843	77	5,655	SH	SOLE	1	5,655	0	0
GOODYEAR TIRE (PLUS) RUBBER CO	COM	382550101	8,407	463,176	SH	SOLE	1	463,176	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	173	6,222	SH	SOLE	1	6,222	0	0
GOPRO INC CLASS A	COM	38268T103	476	73,285	SH	SOLE	1	73,285	0	0

GORMAN RUPP CO	COM	383082104	382	11,254	SH	SOLE	1	11,254	0	0
GOSSAMER BIO INC	COM	38341P102	153	7,080	SH	SOLE	1	7,080	0	0
GP STRATEGIES CORP	COM	36225V104	96	7,910	SH	SOLE	1	7,910	0	0
GRACO INC	COM	384109104	16,375	330,670	SH	SOLE	1	330,670	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	14	1,074	SH	SOLE	1	1,074	0	0
GRAHAM CORP	COM	384556106	120	6,110	SH	SOLE	1	6,110	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	6,987	10,227	SH	SOLE	1	10,227	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	126	1,102	SH	SOLE	1	1,102	0	0
GRANITE CONSTRUCTION INC	COM	387328107	5,193	120,337	SH	SOLE	1	120,337	0	0
GRANITE POINT MORTGAGE TRUST	REIT	38741L107	710	38,255	SH	SOLE	1	38,255	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	72	5,725	SH	SOLE	1	5,725	0	0
GRAY TELEVISION INC	COM	389375106	1,088	50,958	SH	SOLE	1	50,958	0	0
GREAT AJAX CORP	REIT	38983D300	141	10,249	SH	SOLE	1	10,249	0	0
GREAT LAKES DREDGE (PLUS) DOCK CO	COM	390607109	324	36,398	SH	SOLE	1	36,398	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	366	7,043	SH	SOLE	1	7,043	0	0
GREAT WESTERN BANCORP INC	COM	391416104	1,366	43,238	SH	SOLE	1	43,238	0	0
GREEN BRICK PARTNERS INC	COM	392709101	137	15,644	SH	SOLE	1	15,644	0	0
GREEN DOT CORP CLASS A	COM	39304D102	7,580	124,975	SH	SOLE	1	124,975	0	0
GREEN PLAINS INC	COM	393222104	495	29,677	SH	SOLE	1	29,677	0	0
GREENBRIER COMPANIES INC	COM	393657101	773	23,999	SH	SOLE	1	23,999	0	0
GREENE COUNTY BANCORP INC	COM	394357107	59	1,937	SH	SOLE	1	1,937	0	0
GREENHILL (PLUS) CO INC	COM	395259104	287	13,351	SH	SOLE	1	13,351	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	199	18,332	SH	SOLE	1	18,332	0	0
GREIF INC CL A	COM	397624107	4,148	100,557	SH	SOLE	1	100,557	0	0
GREIF INC CL B	COM	397624206	174	3,553	SH	SOLE	1	3,553	0	0
GRIFFIN INDUSTRIAL REALTY IN	COM	398231100	19	531	SH	SOLE	1	531	0	0
GRIFFON CORP	COM	398433102	492	26,637	SH	SOLE	1	26,637	0	0
GRITSTONE ONCOLOGY INC	COM	39868T105	59	4,412	SH	SOLE	1	4,412	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	895	13,827	SH	SOLE	1	13,827	0	0
GROUPON INC	COM	399473107	1,009	284,354	SH	SOLE	1	284,354	0	0
GRUBHUB INC	COM	400110102	146	2,108	SH	SOLE	1	2,108	0	0
GTT COMMUNICATIONS INC	COM	362393100	939	27,065	SH	SOLE	1	27,065	0	0
GTX INC	COM	40052B207	4	3,231	SH	SOLE	1	3,231	0	0
GUARANTY BANCSHARES INC	COM	400764106	142	4,852	SH	SOLE	1	4,852	0	0
GUARDANT HEALTH INC	COM	40131M109	710	9,251	SH	SOLE	1	9,251	0	0
GUESS INC	COM	401617105	851	43,417	SH	SOLE	1	43,417	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	184	1,894	SH	SOLE	1	1,894	0	0
GULF ISLAND FABRICATION INC	COM	402307102	15	1,634	SH	SOLE	1	1,634	0	0
GULFPORT ENERGY CORP	COM	402635304	1,034	128,899	SH	SOLE	1	128,899	0	0
H.B. FULLER CO.	COM	359694106	1,863	38,296	SH	SOLE	1	38,296	0	0
H(PLUS)E EQUIPMENT	COM	404030108	509	20,290	SH	SOLE	1	20,290	0	0



SERVICES INC										
H(PLUS)R BLOCK INC	COM	093671105	15,213	635,480	SH	SOLE	1	635,480	0	0
HABIT RESTAURANTS INC/THE A	COM	40449J103	141	13,008	SH	SOLE	1	13,008	0	0
HACKETT GROUP INC/THE	COM	404609109	243	15,366	SH	SOLE	1	15,366	0	0
HAEMONETICS CORP/MASS	COM	405024100	11,683	133,547	SH	SOLE	1	133,547	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	4,132	178,699	SH	SOLE	1	178,699	0	0
HALCON RESOURCES CORP	COM	40537Q605	115	85,111	SH	SOLE	1	85,111	0	0
HALLADOR ENERGY CO	COM	40609P105	56	10,590	SH	SOLE	1	10,590	0	0
HALLIBURTON CO	COM	406216101	8,605	293,701	SH	SOLE	1	293,701	0	0
HALLMARK FINL SERVICES INC	COM	40624Q203	86	8,314	SH	SOLE	1	8,314	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	1,281	79,570	SH	SOLE	1	79,570	0	0
HAMILTON BEACH BRAND A	COM	40701T104	88	4,105	SH	SOLE	1	4,105	0	0
HAMILTON LANE INC CLASS A	COM	407497106	464	10,646	SH	SOLE	1	10,646	0	0
HANCOCK WHITNEY CORP	COM	410120109	9,038	223,704	SH	SOLE	1	223,704	0	0
HANESBRANDS INC	COM	410345102	17,218	962,964	SH	SOLE	1	962,964	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	490	23,018	SH	SOLE	1	23,018	0	0
HANNON ARMSTRONG SUSTAINABLE	REIT	41068X100	973	37,951	SH	SOLE	1	37,951	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	11,670	102,212	SH	SOLE	1	102,212	0	0
HARBORONE BANCORP INC	COM	41165F101	159	9,259	SH	SOLE	1	9,259	0	0
HARLEY DAVIDSON INC	COM	412822108	2,018	56,576	SH	SOLE	1	56,576	0	0
HARMONIC INC	COM	413160102	351	64,680	SH	SOLE	1	64,680	0	0
HARPOON THERAPEUTICS INC	COM	41358P106	15	1,636	SH	SOLE	1	1,636	0	0
HARRIS CORP	COM	413875105	6,668	41,751	SH	SOLE	1	41,751	0	0
HARSCO CORP	COM	415864107	1,224	60,704	SH	SOLE	1	60,704	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	6,330	127,304	SH	SOLE	1	127,304	0	0
HARVARD BIOSCIENCE INC	COM	416906105	100	23,222	SH	SOLE	1	23,222	0	0
HASBRO INC	COM	418056107	5,043	59,320	SH	SOLE	1	59,320	0	0
HAVERTY FURNITURE	COM	419596101	308	14,080	SH	SOLE	1	14,080	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	8,858	217,272	SH	SOLE	1	217,272	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	971	36,991	SH	SOLE	1	36,991	0	0
HAWKINS INC	COM	420261109	269	7,311	SH	SOLE	1	7,311	0	0
HAYNES INTERNATIONAL INC	COM	420877201	308	9,391	SH	SOLE	1	9,391	0	0
HC2 HOLDINGS INC	COM	404139107	66	27,126	SH	SOLE	1	27,126	0	0
HCA HEALTHCARE INC	COM	40412C101	14,781	113,369	SH	SOLE	1	113,369	0	0
HCI GROUP INC	COM	40416E103	230	5,383	SH	SOLE	1	5,383	0	0
HCP INC	REIT	40414L109	5,558	177,563	SH	SOLE	1	177,563	0	0
HD SUPPLY HOLDINGS INC	COM	40416M105	1,604	36,991	SH	SOLE	1	36,991	0	0
HEALTH INSURANCE INNOVATIO A	COM	42225K106	221	8,241	SH	SOLE	1	8,241	0	0
HEALTHCARE REALTY TRUST INC	REIT	421946104	10,494	326,813	SH	SOLE	1	326,813	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	6,372	193,158	SH	SOLE	1	193,158	0	0

HEALTHCARE TRUST OF AME CL A	REIT	42225P501	104	3,636	SH	SOLE	1	3,636	0	0
HEALTH EQUITY INC	COM	42226A107	10,494	141,845	SH	SOLE	1	141,845	0	0
HEALTHSTREAM INC	COM	42222N103	548	19,532	SH	SOLE	1	19,532	0	0
HEARTLAND EXPRESS INC	COM	422347104	683	35,414	SH	SOLE	1	35,414	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	799	18,731	SH	SOLE	1	18,731	0	0
HECLA MINING CO	COM	422704106	672	292,295	SH	SOLE	1	292,295	0	0
HEICO CORP	COM	422806109	85	898	SH	SOLE	1	898	0	0
HEICO CORP CLASS A	COM	422806208	149	1,769	SH	SOLE	1	1,769	0	0
HEIDRICK (PLUS) STRUGGLES INTL	COM	422819102	542	14,148	SH	SOLE	1	14,148	0	0
HELEN OF TROY LTD	COM	G4388N106	7,771	67,013	SH	SOLE	1	67,013	0	0
HELIUS MEDICAL TECHNOLOGIES	COM	42328V504	76	11,393	SH	SOLE	1	11,393	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	840	106,229	SH	SOLE	1	106,229	0	0
HELMERICH (PLUS) PAYNE	COM	423452101	2,299	41,382	SH	SOLE	1	41,382	0	0
HEMISPHERE MEDIA GRO	CL A	42365Q103	13,651	968,149	SH	SOLE	2	968,149	0	0
HEMISPHERE MEDIA GROUP INC	COM	42365Q103	163	11,553	SH	SOLE	1	11,553	0	0
HENRY SCHEIN INC	COM	806407102	4,741	78,867	SH	SOLE	1	78,867	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	107	2,024	SH	SOLE	1	2,024	0	0
HERC HOLDINGS INC	COM	42704L104	597	15,318	SH	SOLE	1	15,318	0	0
HERITAGE COMMERCE CORP	COM	426927109	308	25,482	SH	SOLE	1	25,482	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	259	9,447	SH	SOLE	1	9,447	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	821	27,227	SH	SOLE	1	27,227	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	186	12,773	SH	SOLE	1	12,773	0	0
HERMAN MILLER INC	COM	600544100	5,415	153,915	SH	SOLE	1	153,915	0	0
HERON THERAPEUTICS INC	COM	427746102	1,074	43,956	SH	SOLE	1	43,956	0	0
HERSHA HOSPITALITY TRUST	REIT	427825500	462	26,959	SH	SOLE	1	26,959	0	0
HERSHEY CO/THE	COM	427866108	17,012	148,146	SH	SOLE	1	148,146	0	0
HERTZ GLOBAL HOLDINGS INC	COM	42806J106	607	34,972	SH	SOLE	1	34,972	0	0
HESKA CORP	COM	42805E306	436	5,127	SH	SOLE	1	5,127	0	0
HESS CORP	COM	42809H107	6,893	114,445	SH	SOLE	1	114,445	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	9,184	595,220	SH	SOLE	1	595,220	0	0
HEXCEL CORP	COM	428291108	113	1,636	SH	SOLE	1	1,636	0	0
HFF INC CLASS A	COM	40418F108	1,364	28,575	SH	SOLE	1	28,575	0	0
HIBBETT SPORTS INC	COM	428567101	315	13,805	SH	SOLE	1	13,805	0	0
HIGHPOINT RESOURCES CORP	COM	43114K108	598	270,479	SH	SOLE	1	270,479	0	0
HIGHWOODS PROPERTIES INC	REIT	431284108	9,661	206,524	SH	SOLE	1	206,524	0	0
HILL ROM HOLDINGS INC	COM	431475102	14,102	133,209	SH	SOLE	1	133,209	0	0
HILLENBRAND INC	COM	431571108	1,969	47,413	SH	SOLE	1	47,413	0	0
HILLTOP HOLDINGS INC	COM	432748101	829	45,434	SH	SOLE	1	45,434	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	70	2,259	SH	SOLE	1	2,259	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	8,447	101,637	SH	SOLE	1	101,637	0	0
HINGHAM INSTITUTION	COM	433323102	146	846	SH	SOLE	1	846	0	0

FOR SVGS										
HMS HOLDINGS CORP	COM	40425J101	1,862	62,896	SH	SOLE	1	62,896	0	0
HNI CORP	COM	404251100	4,125	113,678	SH	SOLE	1	113,678	0	0
HOLLYFRONTIER CORP	COM	436106108	3,342	67,829	SH	SOLE	1	67,829	0	0
HOLOGIC INC	COM	436440101	5,033	103,993	SH	SOLE	1	103,993	0	0
HOME BANCORP INC	COM	43689E107	166	4,990	SH	SOLE	1	4,990	0	0
HOME BANCSHARES INC	COM	436893200	8,635	491,457	SH	SOLE	1	491,457	0	0
HOME DEPOT INC	COM	437076102	94,018	489,957	SH	SOLE	1	489,957	0	0
HOMESTREET INC	COM	43785V102	503	19,075	SH	SOLE	1	19,075	0	0
HOMETRUST BANCSHARES INC	COM	437872104	272	10,791	SH	SOLE	1	10,791	0	0
HOMOLOGY MEDICINES INC	COM	438083107	304	10,954	SH	SOLE	1	10,954	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	45,431	285,874	SH	SOLE	1	285,874	0	0
HOOKER FURNITURE CORP	COM	439038100	213	7,380	SH	SOLE	1	7,380	0	0
HOPE BANCORP INC	COM	43940T109	2,607	199,328	SH	SOLE	1	199,328	0	0
HORACE MANN EDUCATORS	COM	440327104	1,094	31,076	SH	SOLE	1	31,076	0	0
HORIZON BANCORP INC/IN	COM	440407104	380	23,612	SH	SOLE	1	23,612	0	0
HORIZON PHARMA PLC	COM	G4617B105	3,037	114,925	SH	SOLE	1	114,925	0	0
HORMEL FOODS CORP	COM	440452100	5,584	124,759	SH	SOLE	1	124,759	0	0
HOSPITALITY PROPERTIES TRUST	REIT	44106M102	8,629	327,964	SH	SOLE	1	327,964	0	0
HOST HOTELS (PLUS) RESORTS INC	REIT	44107P104	5,338	282,435	SH	SOLE	1	282,435	0	0
HOSTESS BRANDS INC	COM	44109J106	787	62,958	SH	SOLE	1	62,958	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	480	66,000	SH	SOLE	1	66,000	0	0
HOULIHAN LOKEY INC	COM	441593100	990	21,583	SH	SOLE	1	21,583	0	0
HOVNANIAN ENTERPRISES A	COM	442487401	34	3,094	SH	SOLE	1	3,094	0	0
HOWARD BANCORP INC	COM	442496105	123	8,336	SH	SOLE	1	8,336	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	85	772	SH	SOLE	1	772	0	0
HP INC	COM	40434L105	316,280	16,277,942	SH	SOLE	1	16,277,942	0	0
HUB GROUP INC CL A	COM	443320106	1,016	24,864	SH	SOLE	1	24,864	0	0
HUBBELL INC	COM	443510607	12,874	109,124	SH	SOLE	1	109,124	0	0
HUBSPOT INC	COM	443573100	3,925	23,615	SH	SOLE	1	23,615	0	0
HUDSON LTD CLASS A	COM	G46408103	349	25,372	SH	SOLE	1	25,372	0	0
HUDSON PACIFIC PROPERTIES IN	REIT	444097109	97	2,810	SH	SOLE	1	2,810	0	0
HUMANA INC	COM	444859102	16,622	62,487	SH	SOLE	1	62,487	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	4,126	40,736	SH	SOLE	1	40,736	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	6,300	496,865	SH	SOLE	1	496,865	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	3,095	14,939	SH	SOLE	1	14,939	0	0
HUNTSMAN CORP	COM	447011107	86	3,822	SH	SOLE	1	3,822	0	0
HURCO COMPANIES INC	COM	447324104	163	4,035	SH	SOLE	1	4,035	0	0
HURON CONSULTING GROUP INC	COM	447462102	666	14,101	SH	SOLE	1	14,101	0	0
HYATT HOTELS CORP CL A	COM	448579102	54	740	SH	SOLE	1	740	0	0
HYSTER YALE MATERIALS	COM	449172105	412	6,611	SH	SOLE	1	6,611	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	140	5,836	SH	SOLE	1	5,836	0	0
IAC/INTERACTIVECORP	COM	44919P508	695	3,309	SH	SOLE	1	3,309	0	0

IBERIABANK CORP	COM	450828108	2,539	35,411	SH	SOLE	1	35,411	0	0
ICF INTERNATIONAL INC	COM	44925C103	877	11,533	SH	SOLE	1	11,533	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	375	16,611	SH	SOLE	1	16,611	0	0
ICICI BANK LTD SPON ADR	ADR	45104G104	176	15,369	SH	SOLE	1	15,369	0	0
ICU MEDICAL INC	COM	44930G107	7,944	33,191	SH	SOLE	1	33,191	0	0
IDACORP INC	COM	451107106	13,121	131,814	SH	SOLE	1	131,814	0	0
IDERA PHARMACEUTICALS INC	COM	45168K405	31	12,171	SH	SOLE	1	12,171	0	0
IDEX CORP	COM	45167R104	23,005	151,611	SH	SOLE	1	151,611	0	0
IDEXX LABORATORIES INC	COM	45168D104	8,617	38,539	SH	SOLE	1	38,539	0	0
IES HOLDINGS INC	COM	44951W106	95	5,319	SH	SOLE	1	5,319	0	0
IHS MARKIT LTD	COM	G47567105	8,121	149,340	SH	SOLE	1	149,340	0	0
II VI INC	COM	902104108	1,754	47,103	SH	SOLE	1	47,103	0	0
ILLINOIS TOOL WORKS	COM	452308109	18,638	129,852	SH	SOLE	1	129,852	0	0
ILLUMINA INC	COM	452327109	20,158	64,881	SH	SOLE	1	64,881	0	0
IMAX CORP	COM	45245E109	776	34,207	SH	SOLE	1	34,207	0	0
IMMERSON CORPORATION	COM	452521107	139	16,525	SH	SOLE	1	16,525	0	0
IMMUNE DESIGN CORP	COM	45252L103	126	21,492	SH	SOLE	1	21,492	0	0
IMMUNOGEN INC	COM	45253H101	248	91,542	SH	SOLE	1	91,542	0	0
IMMUNOMEDICS INC	COM	452907108	1,837	95,640	SH	SOLE	1	95,640	0	0
IMPAC MORTGAGE HOLDINGS INC	COM	45254P508	25	6,255	SH	SOLE	1	6,255	0	0
IMPINJ INC	COM	453204109	174	10,414	SH	SOLE	1	10,414	0	0
INCYTE CORP	COM	45337C102	7,357	85,532	SH	SOLE	1	85,532	0	0
INDEPENDENCE CONTRACT DRILLI	COM	453415309	86	31,082	SH	SOLE	1	31,082	0	0
INDEPENDENCE HOLDING CO	COM	453440307	105	2,976	SH	SOLE	1	2,976	0	0
INDEPENDENCE REALTY TRUST IN	REIT	45378A106	727	67,405	SH	SOLE	1	67,405	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	295	13,703	SH	SOLE	1	13,703	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,762	21,752	SH	SOLE	1	21,752	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,069	20,840	SH	SOLE	1	20,840	0	0
INDUSTRIAL LOGISTICS PROP WI	REIT	456237106	831	41,221	SH	SOLE	1	41,221	0	0
INFINERA CORP	COM	45667G103	417	96,198	SH	SOLE	1	96,198	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	81	21,775	SH	SOLE	1	21,775	0	0
INFOSYS LTD SP ADR	ADR	456788108	624	57,118	SH	SOLE	1	57,118	0	0
INFRAREIT INC	REIT	45685L100	591	28,202	SH	SOLE	1	28,202	0	0
INFRASTRUCTURE AND ENERGY AL	COM	45686J104	57	10,932	SH	SOLE	1	10,932	0	0
INGERSOLL RAND PLC	COM	G47791101	10,164	94,153	SH	SOLE	1	94,153	0	0
INGEVITY CORP	COM	45688C107	11,546	109,327	SH	SOLE	1	109,327	0	0
INGLES MARKETS INC CLASS A	COM	457030104	248	8,995	SH	SOLE	1	8,995	0	0
INGREDION INC	COM	457187102	13,923	147,033	SH	SOLE	1	147,033	0	0
INNERWORKINGS INC	COM	45773Y105	99	27,453	SH	SOLE	1	27,453	0	0
INNOPHOS HOLDINGS INC	COM	45774N108	444	14,728	SH	SOLE	1	14,728	0	0
INNOSPEC INC	COM	45768S105	1,528	18,334	SH	SOLE	1	18,334	0	0
INNOVATE BIOPHARMACEUTICALS	COM	45782F105	25	13,133	SH	SOLE	1	13,133	0	0
INNOVATIVE INDUSTRIAL PROPER	REIT	45781V101	576	7,053	SH	SOLE	1	7,053	0	0
INNOVIVA INC	COM	45781M101	729	51,945	SH	SOLE	1	51,945	0	0

INOGEN INC	COM	45780L104	4,461	46,773	SH	SOLE	1	46,773	0	0
INOVALON HOLDINGS INC A	COM	45781D101	546	43,934	SH	SOLE	1	43,934	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	207	55,425	SH	SOLE	1	55,425	0	0
INPHI CORP	COM	45772F107	1,212	27,702	SH	SOLE	1	27,702	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,464	26,594	SH	SOLE	1	26,594	0	0
INSMED INC	COM	457669307	1,420	48,834	SH	SOLE	1	48,834	0	0
INSPERITY INC	COM	45778Q107	12,131	98,101	SH	SOLE	1	98,101	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	535	9,428	SH	SOLE	1	9,428	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	791	16,312	SH	SOLE	1	16,312	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	288	13,775	SH	SOLE	1	13,775	0	0
INSTRUCTURE INC	COM	45781U103	955	20,263	SH	SOLE	1	20,263	0	0
INSULET CORP	COM	45784P101	130	1,364	SH	SOLE	1	1,364	0	0
INSYS THERAPEUTICS INC	COM	45824V209	79	17,141	SH	SOLE	1	17,141	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,763	23,370	SH	SOLE	1	23,370	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	7,880	141,426	SH	SOLE	1	141,426	0	0
INTEGRATED DEVICE TECH INC	COM	458118106	16,549	337,803	SH	SOLE	1	337,803	0	0
INTEL CORP	COM	458140100	111,869	2,083,214	SH	SOLE	1	2,083,214	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	362	21,187	SH	SOLE	1	21,187	0	0
INTELSAT SA	COM	L5140P101	557	35,538	SH	SOLE	1	35,538	0	0
INTER PARFUMS INC	COM	458334109	997	13,135	SH	SOLE	1	13,135	0	0
INTERACTIVE BROKERS GRO CL A	COM	45841N107	7,789	150,126	SH	SOLE	1	150,126	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	1,562	13,968	SH	SOLE	1	13,968	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	19,305	253,551	SH	SOLE	1	253,551	0	0
INTERDIGITAL INC	COM	45867G101	5,673	85,986	SH	SOLE	1	85,986	0	0
INTERFACE INC	COM	458665304	684	44,678	SH	SOLE	1	44,678	0	0
INTERNAP CORP	COM	45885A409	77	15,460	SH	SOLE	1	15,460	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	5,436	142,950	SH	SOLE	1	142,950	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	23	1,757	SH	SOLE	1	1,757	0	0
INTERNATIONAL PAPER CO	COM	460146103	7,869	170,064	SH	SOLE	1	170,064	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	238	13,871	SH	SOLE	1	13,871	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	15,453	735,504	SH	SOLE	1	735,504	0	0
INTERSECT ENT INC	COM	46071F103	614	19,091	SH	SOLE	1	19,091	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	436,629	3,094,468	SH	SOLE	1	3,094,468	0	0
INTL FCSTONE INC	COM	46116V105	456	11,774	SH	SOLE	1	11,774	0	0
INTL FLAVORS (PLUS) FRAGRANCES	COM	459506101	5,626	43,681	SH	SOLE	1	43,681	0	0
INTL SPEEDWAY CORP CL A	COM	460335201	2,705	61,988	SH	SOLE	1	61,988	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	348	28,562	SH	SOLE	1	28,562	0	0
INTREPID POTASH INC	COM	46121Y102	231	60,920	SH	SOLE	1	60,920	0	0
INTREXON CORP	COM	46122T102	247	46,953	SH	SOLE	1	46,953	0	0
INTRICON CORP	COM	46121H109	122	4,850	SH	SOLE	1	4,850	0	0
INTUIT INC	COM	461202103	29,534	112,979	SH	SOLE	1	112,979	0	0

INTUITIVE SURGICAL INC	COM	46120E602	25,178	44,127	SH	SOLE	1	44,127	0	0
INVACARE CORP	COM	461203101	209	24,923	SH	SOLE	1	24,923	0	0
INVESCO LTD	COM	G491BT108	3,394	175,776	SH	SOLE	1	175,776	0	0
INVESCO MORTGAGE CAPITAL	REIT	46131B100	1,533	97,022	SH	SOLE	1	97,022	0	0
INVESTAR HOLDING CORP	COM	46134L105	129	5,665	SH	SOLE	1	5,665	0	0
INVESTORS BANCORP INC	COM	46146L101	1,796	151,548	SH	SOLE	1	151,548	0	0
INVESTORS REAL ESTATE TRUST	REIT	461730509	458	7,649	SH	SOLE	1	7,649	0	0
INVESTORS TITLE CO	COM	461804106	139	879	SH	SOLE	1	879	0	0
INVITAE CORP	COM	46185L103	1,059	45,210	SH	SOLE	1	45,210	0	0
INVITATION HOMES INC	REIT	46187W107	127	5,233	SH	SOLE	1	5,233	0	0
ION GEOPHYSICAL CORP	COM	462044207	98	6,780	SH	SOLE	1	6,780	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	237	2,916	SH	SOLE	1	2,916	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	642	67,515	SH	SOLE	1	67,515	0	0
IPG PHOTONICS CORP	COM	44980X109	2,009	13,236	SH	SOLE	1	13,236	0	0
IQVIA HOLDINGS INC	COM	46266C105	9,870	68,616	SH	SOLE	1	68,616	0	0
IRADIMED CORP	COM	46266A109	64	2,291	SH	SOLE	1	2,291	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,153	15,378	SH	SOLE	1	15,378	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	1,923	72,734	SH	SOLE	1	72,734	0	0
IROBOT CORP	COM	462726100	2,409	20,472	SH	SOLE	1	20,472	0	0
IRON MOUNTAIN INC	REIT	46284V101	5,121	144,419	SH	SOLE	1	144,419	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	1,214	89,710	SH	SOLE	1	89,710	0	0
ISHARES 1 3 YEAR TREASURY BOND	ETF	464287457	4,189	49,800	SH	SOLE	1	49,800	0	0
ISHARES 10 20 YEAR TREASURY BO	ETF	464288653	1,487	10,800	SH	SOLE	1	10,800	0	0
ISHARES 20 YEAR TREASURY BOND	ETF	464287432	1,656	13,100	SH	SOLE	1	13,100	0	0
ISHARES 3 7 YEAR TREASURY BOND	ETF	464288661	4,053	32,900	SH	SOLE	1	32,900	0	0
ISHARES 7 10 YEAR TREASURY BON	ETF	464287440	2,325	21,800	SH	SOLE	1	21,800	0	0
ISHARES CORE S(PLUS)P SMALL CAP ETF	ETF	464287804	604	7,831	SH	SOLE	1	7,831	0	0
ISHARES IBOXX INVESTMENT GRA	ETF	464287242	11,882	99,800	SH	SOLE	1	99,800	0	0
ISHARES MSCI EAFE ETF	ETF	464287465	43,255	666,900	SH	SOLE	1	666,900	0	0
ISHARES MSCI EMERGING MARKETS	ETF	464287234	3,739	87,117	SH	SOLE	1	87,117	0	0
ISHARES MSCI INDIA ETF	ETF	46429B598	4,173	118,386	SH	SOLE	1	118,386	0	0
ISHARES RUSSELL 2000 ETF	ETF	464287655	4,993	32,614	SH	SOLE	1	32,614	0	0
ISHARES RUSSELL MID CAP GROWTH	ETF	464287481	650	4,794	SH	SOLE	1	4,794	0	0
ISHARES RUSSELL MID CAP VALUE	ETF	464287473	2,148	24,725	SH	SOLE	1	24,725	0	0
ISHARES S(PLUS)P 500 GROWTH ETF	ETF	464287309	9,791	56,804	SH	SOLE	1	56,804	0	0
ISHARES S(PLUS)P 500 VALUE ETF	ETF	464287408	5,869	52,060	SH	SOLE	1	52,060	0	0
ISRAMCO INC	COM	465141406	53	473	SH	SOLE	1	473	0	0
ISTAR INC	REIT	45031U101	417	49,542	SH	SOLE	1	49,542	0	0
ITERIS INC	COM	46564T107	68	16,214	SH	SOLE	1	16,214	0	0
ITRON INC	COM	465741106	1,193	25,582	SH	SOLE	1	25,582	0	0

ITT INC	COM	45073V108	10,111	174,327	SH	SOLE	1	174,327	0	0
J (PLUS) J SNACK FOODS CORP	COM	466032109	1,804	11,360	SH	SOLE	1	11,360	0	0
J ALEXANDER S HOLDINGS	COM	46609J106	80	8,192	SH	SOLE	1	8,192	0	0
J. JILL INC	COM	46620W102	58	10,478	SH	SOLE	1	10,478	0	0
J.C. PENNEY CO INC	COM	708160106	354	237,508	SH	SOLE	1	237,508	0	0
J2 GLOBAL INC	COM	48123V102	10,518	121,460	SH	SOLE	1	121,460	0	0
JABIL INC	COM	466313103	7,476	281,143	SH	SOLE	1	281,143	0	0
JACK HENRY (PLUS) ASSOCIATES INC	COM	426281101	3,793	27,338	SH	SOLE	1	27,338	0	0
JACK IN THE BOX INC	COM	466367109	5,467	67,441	SH	SOLE	1	67,441	0	0
JACOBS ENGINEERING GROUP INC	COM	469814107	3,134	41,682	SH	SOLE	1	41,682	0	0
JAGGED PEAK ENERGY INC	COM	47009K107	429	40,946	SH	SOLE	1	40,946	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	805	20,089	SH	SOLE	1	20,089	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	8,148	326,189	SH	SOLE	1	326,189	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	454	3,179	SH	SOLE	1	3,179	0	0
JBG SMITH PROPERTIES	REIT	46590V100	9,096	219,983	SH	SOLE	1	219,983	0	0
JD.COM INC ADR	ADR	47215P106	2,035	67,486	SH	SOLE	1	67,486	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	3,525	187,602	SH	SOLE	1	187,602	0	0
JELD WEN HOLDING INC	COM	47580P103	766	43,351	SH	SOLE	1	43,351	0	0
JERNIGAN CAPITAL INC	REIT	476405105	254	12,069	SH	SOLE	1	12,069	0	0
JETBLUE AIRWAYS CORP	COM	477143101	10,003	611,409	SH	SOLE	1	611,409	0	0
JM SMUCKER CO/THE	COM	832696405	5,757	49,416	SH	SOLE	1	49,416	0	0
JOHN B. SANFILIPPO (PLUS) SON INC	COM	800422107	468	6,513	SH	SOLE	1	6,513	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2,176	23,685	SH	SOLE	1	23,685	0	0
JOHNSON (PLUS) JOHNSON	COM	478160104	140,269	1,003,428	SH	SOLE	1	1,003,428	0	0
JOHNSON CONTROLS INTERNATION	COM	G51502105	13,875	375,610	SH	SOLE	1	375,610	0	0
JOHNSON OUTDOORS INC A	COM	479167108	222	3,109	SH	SOLE	1	3,109	0	0
JONES LANG LASALLE INC	COM	48020Q107	15,407	99,927	SH	SOLE	1	99,927	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	62	10,054	SH	SOLE	1	10,054	0	0
JPMORGAN CHASE (PLUS) CO	COM	46625H100	471,767	4,660,346	SH	SOLE	1	4,660,346	0	0
JUNIPER NETWORKS INC	COM	48203R104	3,451	130,372	SH	SOLE	1	130,372	0	0
K12 INC	COM	48273U102	814	23,843	SH	SOLE	1	23,843	0	0
KADANT INC	COM	48282T104	614	6,975	SH	SOLE	1	6,975	0	0
KADMON HOLDINGS INC	COM	48283N106	168	63,583	SH	SOLE	1	63,583	0	0
KAISER ALUMINUM CORP	COM	483007704	1,275	12,177	SH	SOLE	1	12,177	0	0
KALA PHARMACEUTICALS INC	COM	483119103	84	10,214	SH	SOLE	1	10,214	0	0
KAMAN CORP	COM	483548103	1,221	20,896	SH	SOLE	1	20,896	0	0
KANSAS CITY SOUTHERN	COM	485170302	4,320	37,248	SH	SOLE	1	37,248	0	0
KAR AUCTION SERVICES INC	COM	48238T109	1,850	36,058	SH	SOLE	1	36,058	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	183	31,327	SH	SOLE	1	31,327	0	0
KB HOME	COM	48666K109	5,368	222,108	SH	SOLE	1	222,108	0	0
KBR INC	COM	48242W106	7,039	368,753	SH	SOLE	1	368,753	0	0

KEANE GROUP INC	COM	48669A108	355	32,622	SH	SOLE	1	32,622	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	724	56,283	SH	SOLE	1	56,283	0	0
KELLOGG CO	COM	487836108	6,986	121,751	SH	SOLE	1	121,751	0	0
KELLY SERVICES INC A	COM	488152208	521	23,619	SH	SOLE	1	23,619	0	0
KEMET CORP	COM	488360207	726	42,790	SH	SOLE	1	42,790	0	0
KEMPER CORP	COM	488401100	11,724	153,982	SH	SOLE	1	153,982	0	0
KENNAMETAL INC	COM	489170100	7,885	214,547	SH	SOLE	1	214,547	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,710	79,923	SH	SOLE	1	79,923	0	0
KEURIG DR PEPPER INC	COM	49271V100	117	4,188	SH	SOLE	1	4,188	0	0
KEY ENERGY SERVICES INC	COM	49309J103	26	6,519	SH	SOLE	1	6,519	0	0
KEYCORP	COM	493267108	7,168	455,124	SH	SOLE	1	455,124	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	5,603	64,256	SH	SOLE	1	64,256	0	0
KEYW HOLDING CORP/THE	COM	493723100	268	31,034	SH	SOLE	1	31,034	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	142	8,028	SH	SOLE	1	8,028	0	0
KFORCE INC	COM	493732101	516	14,701	SH	SOLE	1	14,701	0	0
KILROY REALTY CORP	REIT	49427F108	15,295	201,354	SH	SOLE	1	201,354	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	245	15,809	SH	SOLE	1	15,809	0	0
KIMBALL INTERNATIONAL B	COM	494274103	323	22,825	SH	SOLE	1	22,825	0	0
KIMBERLY CLARK CORP	COM	494368103	18,208	146,958	SH	SOLE	1	146,958	0	0
KIMCO REALTY CORP	REIT	49446R109	2,756	148,964	SH	SOLE	1	148,964	0	0
KINDER MORGAN INC	COM	49456B101	17,431	871,092	SH	SOLE	1	871,092	0	0
KINDRED BIOSCIENCES INC	COM	494577109	207	22,619	SH	SOLE	1	22,619	0	0
KINGSTONE COS INC	COM	496719105	87	5,916	SH	SOLE	1	5,916	0	0
KINIKSA PHARMACEUTICALS A	COM	G5269C101	137	7,560	SH	SOLE	1	7,560	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	854	12,450	SH	SOLE	1	12,450	0	0
KIRBY CORP	COM	497266106	8,080	107,573	SH	SOLE	1	107,573	0	0
KIRKLAND S INC	COM	497498105	79	11,222	SH	SOLE	1	11,222	0	0
KITE REALTY GROUP TRUST	REIT	49803T300	1,002	62,659	SH	SOLE	1	62,659	0	0
KKR REAL ESTATE FINANCE TRUS	REIT	48251K100	274	13,702	SH	SOLE	1	13,702	0	0
KLA TENCOR CORP	COM	482480100	504,791	4,227,375	SH	SOLE	1	4,227,375	0	0
KLX ENERGY SERVICES HOLDING	COM	48253L106	389	15,464	SH	SOLE	1	15,464	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	8,908	272,573	SH	SOLE	1	272,573	0	0
KNOLL INC	COM	498904200	584	30,883	SH	SOLE	1	30,883	0	0
KNOWLES CORP	COM	49926D109	1,170	66,360	SH	SOLE	1	66,360	0	0
KODIAK SCIENCES INC	COM	50015M109	40	6,050	SH	SOLE	1	6,050	0	0
KOHL'S CORP	COM	500255104	5,075	73,800	SH	SOLE	1	73,800	0	0
KOPIN CORP	COM	500600101	61	45,588	SH	SOLE	1	45,588	0	0
KOPPERS HOLDINGS INC	COM	50060P106	394	15,180	SH	SOLE	1	15,180	0	0
KORN FERRY	COM	500643200	1,917	42,812	SH	SOLE	1	42,812	0	0
KOSMOS ENERGY LTD	COM	500688106	28	4,427	SH	SOLE	1	4,427	0	0
KRAFT HEINZ CO/THE	COM	500754106	242,555	7,428,938	SH	SOLE	1	7,428,938	0	0
KRATON CORP	COM	50077C106	757	23,533	SH	SOLE	1	23,533	0	0
KRATOS DEFENSE (PLUS) SECURITY	COM	50077B207	878	56,182	SH	SOLE	1	56,182	0	0
KROGER CO	COM	501044101	8,859	360,140	SH	SOLE	1	360,140	0	0
KRONOS WORLDWIDE INC	COM	50105F105	203	14,455	SH	SOLE	1	14,455	0	0



KULICKE (PLUS) SOFFA INDUSTRIES	COM	501242101	172	7,794	SH	SOLE	1	7,794	0	0
KURA ONCOLOGY INC	COM	50127T109	299	18,042	SH	SOLE	1	18,042	0	0
KVH INDUSTRIES INC	COM	482738101	107	10,456	SH	SOLE	1	10,456	0	0
L BRANDS INC	COM	501797104	322,144	11,680,345	SH	SOLE	1	11,680,345	0	0
L3 TECHNOLOGIES INC	COM	502413107	5,681	27,527	SH	SOLE	1	27,527	0	0
LA JOLLA PHARMACEUTICAL CO	COM	503459604	88	13,674	SH	SOLE	1	13,674	0	0
LA Z BOY INC	COM	505336107	1,164	35,275	SH	SOLE	1	35,275	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	8,353	54,600	SH	SOLE	1	54,600	0	0
LADDER CAPITAL CORP REIT	REIT	505743104	1,002	58,858	SH	SOLE	1	58,858	0	0
LADENBURG THALMANN FINANCIAL	COM	50575Q102	184	64,917	SH	SOLE	1	64,917	0	0
LAKELAND BANCORP INC	COM	511637100	429	28,704	SH	SOLE	1	28,704	0	0
LAKELAND FINANCIAL CORP	COM	511656100	704	15,563	SH	SOLE	1	15,563	0	0
LAM RESEARCH CORP	COM	512807108	487,396	2,722,733	SH	SOLE	1	2,722,733	0	0
LAMAR ADVERTISING CO A	REIT	512816109	16,479	207,907	SH	SOLE	1	207,907	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	3,758	50,145	SH	SOLE	1	50,145	0	0
LANCASTER COLONY CORP	COM	513847103	7,939	50,664	SH	SOLE	1	50,664	0	0
LANDEC CORP	COM	514766104	191	15,588	SH	SOLE	1	15,588	0	0
LANDS END INC	COM	51509F105	111	6,698	SH	SOLE	1	6,698	0	0
LANDSTAR SYSTEM INC	COM	515098101	8,781	80,268	SH	SOLE	1	80,268	0	0
LANNETT CO INC	COM	516012101	181	23,000	SH	SOLE	1	23,000	0	0
LANTHEUS HOLDINGS INC	COM	516544103	691	28,229	SH	SOLE	1	28,229	0	0
LAREDO PETROLEUM INC	COM	516806106	362	117,129	SH	SOLE	1	117,129	0	0
LAS VEGAS SANDS CORP	COM	517834107	400,613	6,571,740	SH	SOLE	1	6,571,740	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	891	74,677	SH	SOLE	1	74,677	0	0
LAUREATE EDUCATION INC A	COM	518613203	1,790	119,552	SH	SOLE	1	119,552	0	0
LAWSON PRODUCTS INC	COM	520776105	134	4,262	SH	SOLE	1	4,262	0	0
LAZARD LTD CL A	COM	G54050102	942	26,063	SH	SOLE	1	26,063	0	0
LCI INDUSTRIES	COM	50189K103	1,422	18,517	SH	SOLE	1	18,517	0	0
LCNB CORPORATION	COM	50181P100	98	5,735	SH	SOLE	1	5,735	0	0
LEAF GROUP LTD	COM	52177G102	85	10,657	SH	SOLE	1	10,657	0	0
LEAR CORP	COM	521865204	1,444	10,638	SH	SOLE	1	10,638	0	0
LEGACY HOUSING CORP	COM	52472M101	35	2,961	SH	SOLE	1	2,961	0	0
LEGACYTEXAS FINANCIAL GROUP	COM	52471Y106	1,333	35,664	SH	SOLE	1	35,664	0	0
LEGG MASON INC	COM	524901105	7,652	279,579	SH	SOLE	1	279,579	0	0
LEGGETT (PLUS) PLATT INC	COM	524660107	1,960	46,416	SH	SOLE	1	46,416	0	0
LEIDOS HOLDINGS INC	COM	525327102	18,681	291,477	SH	SOLE	1	291,477	0	0
LEMAITRE VASCULAR INC	COM	525558201	374	12,054	SH	SOLE	1	12,054	0	0
LENDINGCLUB CORP	COM	52603A109	1,475	477,295	SH	SOLE	1	477,295	0	0
LENDINGTREE INC	COM	52603B107	6,958	19,792	SH	SOLE	1	19,792	0	0
LENNAR CORP B SHS	COM	526057302	13	322	SH	SOLE	1	322	0	0
LENNAR CORP A	COM	526057104	5,851	119,191	SH	SOLE	1	119,191	0	0
LENNOX INTERNATIONAL INC	COM	526107107	18,977	71,772	SH	SOLE	1	71,772	0	0
LEVEL ONE BANCORP INC	COM	52730D208	77	3,292	SH	SOLE	1	3,292	0	0

LEXICON PHARMACEUTICALS INC	COM	528872302	153	27,556	SH	SOLE	1	27,556	0	0
LEXINGTON REALTY TRUST	REIT	529043101	1,449	159,959	SH	SOLE	1	159,959	0	0
LGI HOMES INC	COM	50187T106	843	13,992	SH	SOLE	1	13,992	0	0
LHC GROUP INC	COM	50187A107	2,466	22,244	SH	SOLE	1	22,244	0	0
LIBERTY BROADBAND A	COM	530307107	41	446	SH	SOLE	1	446	0	0
LIBERTY BROADBAND C	COM	530307305	167	1,823	SH	SOLE	1	1,823	0	0
LIBERTY EXPEDIA HOLD A	COM	53046P109	1,487	34,747	SH	SOLE	1	34,747	0	0
LIBERTY GLOBAL PLC C	COM	G5480U120	943	38,967	SH	SOLE	1	38,967	0	0
LIBERTY GLOBAL PLC A	COM	G5480U104	459	18,432	SH	SOLE	1	18,432	0	0
LIBERTY LATIN AMERIC CL A	COM	G9001E102	536	27,713	SH	SOLE	1	27,713	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	1,411	72,521	SH	SOLE	1	72,521	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	56	1,477	SH	SOLE	1	1,477	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	336	8,784	SH	SOLE	1	8,784	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	177	6,341	SH	SOLE	1	6,341	0	0
LIBERTY MEDIA CORP BRAVES C	COM	531229888	631	22,734	SH	SOLE	1	22,734	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	15	435	SH	SOLE	1	435	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	121	3,457	SH	SOLE	1	3,457	0	0
LIBERTY OILFIELD SERVICES A	COM	53115L104	435	28,247	SH	SOLE	1	28,247	0	0
LIBERTY PROPERTY TRUST	REIT	531172104	14,289	295,097	SH	SOLE	1	295,097	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	657	46,320	SH	SOLE	1	46,320	0	0
LIFE STORAGE INC	REIT	53223X107	9,048	93,015	SH	SOLE	1	93,015	0	0
LIFETIME BRANDS INC	COM	53222Q103	71	7,509	SH	SOLE	1	7,509	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	6,758	53,762	SH	SOLE	1	53,762	0	0
LILIS ENERGY INC	COM	532403201	33	28,363	SH	SOLE	1	28,363	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	228	70,676	SH	SOLE	1	70,676	0	0
LIMONEIRA CO	COM	532746104	223	9,483	SH	SOLE	1	9,483	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	10,609	126,495	SH	SOLE	1	126,495	0	0
LINCOLN NATIONAL CORP	COM	534187109	4,807	81,899	SH	SOLE	1	81,899	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	207	13,588	SH	SOLE	1	13,588	0	0
LINDE PLC	COM	G5494J103	34,682	197,134	SH	SOLE	1	197,134	0	0
LINDSAY CORP	COM	535555106	785	8,115	SH	SOLE	1	8,115	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	14	884	SH	SOLE	1	884	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	26	1,725	SH	SOLE	1	1,725	0	0
LIQUIDIA TECHNOLOGIES INC	COM	53635D202	52	4,538	SH	SOLE	1	4,538	0	0
LIQUIDITY SERVICES INC	COM	53635B107	157	20,406	SH	SOLE	1	20,406	0	0
LITHIA MOTORS INC CL A	COM	536797103	1,560	16,816	SH	SOLE	1	16,816	0	0
LITTELFUSE INC	COM	537008104	9,012	49,385	SH	SOLE	1	49,385	0	0
LIVANOVA PLC	COM	G5509L101	12,381	127,311	SH	SOLE	1	127,311	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	17,578	276,650	SH	SOLE	1	276,650	0	0

LIVE OAK BANCSHARES INC	COM	53803X105	237	16,232	SH	SOLE	1	16,232	0	0
LIVENT CORP W/I	COM	53814L108	1,921	156,447	SH	SOLE	1	156,447	0	0
LIVEPERSON INC	COM	538146101	1,292	44,511	SH	SOLE	1	44,511	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	9,719	178,110	SH	SOLE	1	178,110	0	0
LIVEXLIVE MEDIA INC	COM	53839L208	101	18,781	SH	SOLE	1	18,781	0	0
LKQ CORP	COM	501889208	3,973	139,976	SH	SOLE	1	139,976	0	0
LOCKHEED MARTIN CORP	COM	539830109	37,543	125,078	SH	SOLE	1	125,078	0	0
LOEWS CORP	COM	540424108	5,831	121,666	SH	SOLE	1	121,666	0	0
LOGICBIO THERAPEUTICS INC	COM	54142F102	49	4,997	SH	SOLE	1	4,997	0	0
LOGMEIN INC	COM	54142L109	8,138	101,593	SH	SOLE	1	101,593	0	0
LORAL SPACE (PLUS) COMMUNICATIONS	COM	543881106	295	8,190	SH	SOLE	1	8,190	0	0
LOUISIANA PACIFIC CORP	COM	546347105	8,735	358,274	SH	SOLE	1	358,274	0	0
LOVESAC CO/THE	COM	54738L109	101	3,628	SH	SOLE	1	3,628	0	0
LOWE S COS INC	COM	548661107	33,493	305,954	SH	SOLE	1	305,954	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	140	2,008	SH	SOLE	1	2,008	0	0
LSB INDUSTRIES INC	COM	502160104	101	16,174	SH	SOLE	1	16,174	0	0
LSC COMMUNICATIONS INC	COM	50218P107	162	24,834	SH	SOLE	1	24,834	0	0
LTC PROPERTIES INC	REIT	502175102	1,364	29,775	SH	SOLE	1	29,775	0	0
LULULEMON ATHLETICA INC	COM	550021109	1,574	9,607	SH	SOLE	1	9,607	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	217	21,523	SH	SOLE	1	21,523	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	11,250	198,974	SH	SOLE	1	198,974	0	0
LUMINEX CORP	COM	55027E102	721	31,339	SH	SOLE	1	31,339	0	0
LUTHER BURBANK CORP	COM	550550107	131	12,997	SH	SOLE	1	12,997	0	0
LYDALL INC	COM	550819106	302	12,858	SH	SOLE	1	12,858	0	0
LYONDELLBASELL INDUSTRIAL A	COM	N53745100	341,005	4,055,716	SH	SOLE	1	4,055,716	0	0
M (PLUS) T BANK CORP	COM	55261F104	10,360	65,977	SH	SOLE	1	65,977	0	0
M/I HOMES INC	COM	55305B101	546	20,507	SH	SOLE	1	20,507	0	0
MACATAWA BANK CORP	COM	554225102	165	16,594	SH	SOLE	1	16,594	0	0
MACERICH CO/THE	REIT	554382101	1,740	40,144	SH	SOLE	1	40,144	0	0
MACK CALI REALTY CORP	REIT	554489104	5,246	236,287	SH	SOLE	1	236,287	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	488	29,205	SH	SOLE	1	29,205	0	0
MACQUARIE INFRASTRUCTURE CORP	COM	55608B105	57	1,392	SH	SOLE	1	1,392	0	0
MACROGENICS INC	COM	556099109	449	24,998	SH	SOLE	1	24,998	0	0
MACY S INC	COM	55616P104	275,863	11,479,945	SH	SOLE	1	11,479,945	0	0
MADISON SQUARE GARDEN CO A	COM	55825T103	98	334	SH	SOLE	1	334	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	554	4,424	SH	SOLE	1	4,424	0	0
MAGELLAN HEALTH INC	COM	559079207	1,205	18,280	SH	SOLE	1	18,280	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	151	9,189	SH	SOLE	1	9,189	0	0
MAIDEN HOLDINGS LTD	COM	G5753U112	32	43,455	SH	SOLE	1	43,455	0	0
MAJESCO	COM	56068V102	29	4,171	SH	SOLE	1	4,171	0	0
MALIBU BOATS INC A	COM	56117J100	524	13,247	SH	SOLE	1	13,247	0	0
MALLINCKRODT PLC	COM	G5785G107	4,730	217,589	SH	SOLE	1	217,589	0	0
MALVERN BANCORP INC	COM	561409103	97	4,817	SH	SOLE	1	4,817	0	0

MAMMOTH ENERGY SERVICES INC	COM	56155L108	133	7,974	SH	SOLE	1	7,974	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	7,170	130,095	SH	SOLE	1	130,095	0	0
MANITEX INTERNATIONAL INC	COM	563420108	71	9,269	SH	SOLE	1	9,269	0	0
MANITOWOC COMPANY INC	COM	563571405	370	22,533	SH	SOLE	1	22,533	0	0
MANNKIND CORP	COM	56400P706	205	104,190	SH	SOLE	1	104,190	0	0
MANPOWERGROUP INC	COM	56418H100	11,818	142,915	SH	SOLE	1	142,915	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	1,081	20,010	SH	SOLE	1	20,010	0	0
MARATHON OIL CORP	COM	565849106	6,511	389,620	SH	SOLE	1	389,620	0	0
MARATHON PETROLEUM CORP	COM	56585A102	14,447	241,395	SH	SOLE	1	241,395	0	0
MARCUS (PLUS) MILLICHAP INC	COM	566324109	608	14,928	SH	SOLE	1	14,928	0	0
MARCUS CORPORATION	COM	566330106	613	15,304	SH	SOLE	1	15,304	0	0
MARINE PRODUCTS CORP	COM	568427108	65	4,795	SH	SOLE	1	4,795	0	0
MARINEMAX INC	COM	567908108	321	16,742	SH	SOLE	1	16,742	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q101	126	30,094	SH	SOLE	1	30,094	0	0
MARKEL CORP	COM	570535104	691	694	SH	SOLE	1	694	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	18,545	75,361	SH	SOLE	1	75,361	0	0
MARLIN BUSINESS SERVICES INC	COM	571157106	119	5,532	SH	SOLE	1	5,532	0	0
MARRIOTT INTERNATIONAL CL A	COM	571903202	14,291	114,248	SH	SOLE	1	114,248	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	9,592	102,584	SH	SOLE	1	102,584	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	53	34,788	SH	SOLE	1	34,788	0	0
MARSH (PLUS) MCLENNAN COS	COM	571748102	18,849	200,730	SH	SOLE	1	200,730	0	0
MARTEN TRANSPORT LTD	COM	573075108	526	29,501	SH	SOLE	1	29,501	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	5,545	27,561	SH	SOLE	1	27,561	0	0
MARVELL TECHNOLOGY GROUP LTD	COM	G5876H105	210	10,580	SH	SOLE	1	10,580	0	0
MASCO CORP	COM	574599106	4,321	109,929	SH	SOLE	1	109,929	0	0
MASIMO CORP	COM	574795100	13,523	97,793	SH	SOLE	1	97,793	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	838	16,792	SH	SOLE	1	16,792	0	0
MASTEC INC	COM	576323109	7,802	162,201	SH	SOLE	1	162,201	0	0
MASTERCARD INC A	COM	57636Q104	82,574	350,708	SH	SOLE	1	350,708	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	265	11,758	SH	SOLE	1	11,758	0	0
MATADOR RESOURCES CO	COM	576485205	5,258	272,014	SH	SOLE	1	272,014	0	0
MATCH GROUP INC	COM	57665R106	68	1,206	SH	SOLE	1	1,206	0	0
MATERION CORP	COM	576690101	868	15,216	SH	SOLE	1	15,216	0	0
MATRIX SERVICE CO	COM	576853105	392	20,038	SH	SOLE	1	20,038	0	0
MATSON INC	COM	57686G105	1,157	32,069	SH	SOLE	1	32,069	0	0
MATTEL INC	COM	577081102	1,732	133,242	SH	SOLE	1	133,242	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	874	23,657	SH	SOLE	1	23,657	0	0
MAUI LAND (PLUS) PINEAPPLE CO	COM	577345101	49	4,325	SH	SOLE	1	4,325	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	145	36,130	SH	SOLE	1	36,130	0	0
MAXIM INTEGRATED	COM	57772K101	386,149	7,262,544	SH	SOLE	1	7,262,544	0	0

PRODUCTS										
MAXIMUS INC	COM	577933104	11,845	166,877	SH	SOLE	1	166,877	0	0
MAXLINEAR INC	COM	57776J100	1,221	47,827	SH	SOLE	1	47,827	0	0
MAXWELL TECHNOLOGIES INC	COM	577767106	117	26,120	SH	SOLE	1	26,120	0	0
MBIA INC	COM	55262C100	537	56,450	SH	SOLE	1	56,450	0	0
MBT FINANCIAL CORP	COM	578877102	118	11,775	SH	SOLE	1	11,775	0	0
MCCORMICK (PLUS) CO NON VTG SHRS	COM	579780206	7,620	50,589	SH	SOLE	1	50,589	0	0
MCDERMOTT INTL INC	COM	580037703	3,511	471,886	SH	SOLE	1	471,886	0	0
MCDONALD S CORP	COM	580135101	487,717	2,568,285	SH	SOLE	1	2,568,285	0	0
MCGRATH RENTCORP	COM	580589109	870	15,376	SH	SOLE	1	15,376	0	0
MCKESSON CORP	COM	58155Q103	9,037	77,200	SH	SOLE	1	77,200	0	0
MDC HOLDINGS INC	COM	552676108	1,076	37,011	SH	SOLE	1	37,011	0	0
MDC PARTNERS INC A	COM	552697104	80	35,621	SH	SOLE	1	35,621	0	0
MDU RESOURCES GROUP INC	COM	552690109	10,102	391,085	SH	SOLE	1	391,085	0	0
MEDEQUITIES REALTY TRUST INC	REIT	58409L306	203	18,250	SH	SOLE	1	18,250	0	0
MEDICAL PROPERTIES TRUST INC	REIT	58463J304	14,063	759,773	SH	SOLE	1	759,773	0	0
MEDICINES COMPANY	COM	584688105	1,444	51,646	SH	SOLE	1	51,646	0	0
MEDICINOVA INC	COM	58468P206	210	25,419	SH	SOLE	1	25,419	0	0
MEDIDATA SOLUTIONS INC	COM	58471A105	11,715	159,951	SH	SOLE	1	159,951	0	0
MEDIFAST INC	COM	58470H101	1,129	8,854	SH	SOLE	1	8,854	0	0
MEDNAX INC	COM	58502B106	4,765	175,366	SH	SOLE	1	175,366	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	998	16,929	SH	SOLE	1	16,929	0	0
MEDTRONIC PLC	COM	G5960L103	44,184	485,113	SH	SOLE	1	485,113	0	0
MEET GROUP INC/THE	COM	58513U101	228	45,320	SH	SOLE	1	45,320	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	132	7,667	SH	SOLE	1	7,667	0	0
MELCO RESORTS (PLUS) ENTERT ADR	ADR	585464100	622	27,531	SH	SOLE	1	27,531	0	0
MELINTA THERAPEUTICS INC	COM	58549G209	16	4,429	SH	SOLE	1	4,429	0	0
MENLO THERAPEUTICS INC	COM	586858102	49	6,205	SH	SOLE	1	6,205	0	0
MERCADOLIBRE INC	COM	58733R102	1,684	3,316	SH	SOLE	1	3,316	0	0
MERCANTILE BANK CORP	COM	587376104	339	10,350	SH	SOLE	1	10,350	0	0
MERCER INTERNATIONAL INC	COM	588056101	69	5,071	SH	SOLE	1	5,071	0	0
MERCHANTS BANCORP/IN	COM	58844R108	221	10,276	SH	SOLE	1	10,276	0	0
MERCK (PLUS) CO. INC.	COM	58933Y105	96,076	1,155,181	SH	SOLE	1	1,155,181	0	0
MERCURY GENERAL CORP	COM	589400100	2,708	54,091	SH	SOLE	1	54,091	0	0
MERCURY SYSTEMS INC	COM	589378108	2,287	35,682	SH	SOLE	1	35,682	0	0
MEREDITH CORP	COM	589433101	5,758	104,196	SH	SOLE	1	104,196	0	0
MERIDIAN BANCORP INC	COM	58958U103	481	30,657	SH	SOLE	1	30,657	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	555	31,504	SH	SOLE	1	31,504	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	2,502	40,466	SH	SOLE	1	40,466	0	0
MERITAGE HOMES CORP	COM	59001A102	1,276	28,529	SH	SOLE	1	28,529	0	0
MERITOR INC	COM	59001K100	1,037	50,976	SH	SOLE	1	50,976	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	42	8,030	SH	SOLE	1	8,030	0	0
MESA AIR GROUP INC	COM	590479135	61	7,368	SH	SOLE	1	7,368	0	0

MESA LABORATORIES INC	COM	59064R109	494	2,145	SH	SOLE	1	2,145	0	0
META FINANCIAL GROUP INC	COM	59100U108	415	21,064	SH	SOLE	1	21,064	0	0
METHODE ELECTRONICS INC	COM	591520200	787	27,344	SH	SOLE	1	27,344	0	0
METLIFE INC	COM	59156R108	13,717	322,219	SH	SOLE	1	322,219	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	145	4,157	SH	SOLE	1	4,157	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	7,268	10,052	SH	SOLE	1	10,052	0	0
MFA FINANCIAL INC	REIT	55272X102	57	7,827	SH	SOLE	1	7,827	0	0
MGE ENERGY INC	COM	55277P104	1,514	22,270	SH	SOLE	1	22,270	0	0
MGIC INVESTMENT CORP	COM	552848103	4,902	371,671	SH	SOLE	1	371,671	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	4,635	180,616	SH	SOLE	1	180,616	0	0
MGP INGREDIENTS INC	COM	55303J106	766	9,934	SH	SOLE	1	9,934	0	0
MICHAELS COS INC/THE	COM	59408Q106	2,052	179,717	SH	SOLE	1	179,717	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	8,258	99,545	SH	SOLE	1	99,545	0	0
MICRON TECHNOLOGY INC	COM	595112103	21,037	509,000	SH	SOLE	1	509,000	0	0
MICROSOFT CORP	COM	594918104	387,031	3,281,596	SH	SOLE	1	3,281,596	0	0
MICROSTRATEGY INC CL A	COM	594972408	934	6,473	SH	SOLE	1	6,473	0	0
MID AMERICA APARTMENT COMM	REIT	59522J103	4,513	41,275	SH	SOLE	1	41,275	0	0
MID PENN BANCORP INC	COM	59540G107	73	2,999	SH	SOLE	1	2,999	0	0
MIDDLEBY CORP	COM	596278101	149	1,146	SH	SOLE	1	1,146	0	0
MIDDLEFIELD BANC CORP	COM	596304204	80	1,940	SH	SOLE	1	1,940	0	0
MIDDLESEX WATER CO	COM	596680108	569	10,155	SH	SOLE	1	10,155	0	0
MIDLAND STATES BANCORP INC	COM	597742105	324	13,453	SH	SOLE	1	13,453	0	0
MIDSOUTH BANCORP INC	COM	598039105	109	9,539	SH	SOLE	1	9,539	0	0
MIDSTATES PETROLEUM CO INC	COM	59804T407	640	65,466	SH	SOLE	1	65,466	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	194	7,115	SH	SOLE	1	7,115	0	0
MILACRON HOLDINGS CORP	COM	59870L106	501	44,229	SH	SOLE	1	44,229	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	217	7,039	SH	SOLE	1	7,039	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	5,422	92,223	SH	SOLE	1	92,223	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	153	19,519	SH	SOLE	1	19,519	0	0
MIRAGEN THERAPEUTICS INC	COM	60463E103	46	16,576	SH	SOLE	1	16,576	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	1,002	13,664	SH	SOLE	1	13,664	0	0
MISTRAS GROUP INC	COM	60649T107	154	11,165	SH	SOLE	1	11,165	0	0
MITEK SYSTEMS INC	COM	606710200	262	21,385	SH	SOLE	1	21,385	0	0
MKS INSTRUMENTS INC	COM	55306N104	10,088	108,416	SH	SOLE	1	108,416	0	0
MOBILE MINI INC	COM	60740F105	1,141	33,607	SH	SOLE	1	33,607	0	0
MOBILE TELESYSTEMS SP ADR	ADR	607409109	63	8,395	SH	SOLE	1	8,395	0	0
MOBILEIRON INC	COM	60739U204	260	47,467	SH	SOLE	1	47,467	0	0
MODEL N INC	COM	607525102	289	16,457	SH	SOLE	1	16,457	0	0
MODINE MANUFACTURING CO	COM	607828100	438	31,594	SH	SOLE	1	31,594	0	0
MOELIS (PLUS) CO	COM	60786M105	1,184	28,444	SH	SOLE	1	28,444	0	0

CLASS A										
MOHAWK INDUSTRIES INC	COM	608190104	2,747	21,778	SH	SOLE	1	21,778	0	0
MOLECULAR TEMPLATES INC	COM	608550109	45	7,770	SH	SOLE	1	7,770	0	0
MOLINA HEALTHCARE INC	COM	60855R100	18,339	129,187	SH	SOLE	1	129,187	0	0
MOLSON COORS BREWING CO B	COM	60871R209	3,949	66,208	SH	SOLE	1	66,208	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	1,071	73,710	SH	SOLE	1	73,710	0	0
MOMO INC SPON ADR	ADR	60879B107	68	1,780	SH	SOLE	1	1,780	0	0
MONARCH CASINO (PLUS) RESORT INC	COM	609027107	378	8,605	SH	SOLE	1	8,605	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	28,638	573,678	SH	SOLE	1	573,678	0	0
MONEYGRAM INTERNATIONAL INC	COM	60935Y208	40	19,690	SH	SOLE	1	19,690	0	0
MONMOUTH REAL ESTATE INV COR	REIT	609720107	750	56,881	SH	SOLE	1	56,881	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	10,705	79,010	SH	SOLE	1	79,010	0	0
MONOTYPE IMAGING HOLDINGS IN	COM	61022P100	614	30,872	SH	SOLE	1	30,872	0	0
MONRO INC	COM	610236101	2,095	24,209	SH	SOLE	1	24,209	0	0
MONSTER BEVERAGE CORP	COM	61174X109	10,440	191,287	SH	SOLE	1	191,287	0	0
MONTAGE RESOURCES CORP	COM	61179L100	56	3,741	SH	SOLE	1	3,741	0	0
MOODY S CORP	COM	615369105	12,191	67,320	SH	SOLE	1	67,320	0	0
MOOG INC CLASS A	COM	615394202	2,112	24,294	SH	SOLE	1	24,294	0	0
MORGAN STANLEY	COM	617446448	18,447	437,139	SH	SOLE	1	437,139	0	0
MORNINGSTAR INC	COM	617700109	53	424	SH	SOLE	1	424	0	0
MOSAIC CO/THE	COM	61945C103	3,987	145,978	SH	SOLE	1	145,978	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	268	14,184	SH	SOLE	1	14,184	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	8,548	60,871	SH	SOLE	1	60,871	0	0
MOVADO GROUP INC	COM	624580106	436	11,978	SH	SOLE	1	11,978	0	0
MR COOPER GROUP INC	COM	62482R107	455	47,451	SH	SOLE	1	47,451	0	0
MRC GLOBAL INC	COM	55345K103	937	53,605	SH	SOLE	1	53,605	0	0
MSA SAFETY INC	COM	553498106	9,416	91,068	SH	SOLE	1	91,068	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	8,612	104,126	SH	SOLE	1	104,126	0	0
MSCI INC	COM	55354G100	6,874	34,568	SH	SOLE	1	34,568	0	0
MSG NETWORKS INC A	COM	553573106	821	37,743	SH	SOLE	1	37,743	0	0
MTS SYSTEMS CORP	COM	553777103	736	13,506	SH	SOLE	1	13,506	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,342	42,832	SH	SOLE	1	42,832	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	991	98,665	SH	SOLE	1	98,665	0	0
MULTI COLOR CORP	COM	625383104	523	10,491	SH	SOLE	1	10,491	0	0
MURPHY OIL CORP	COM	626717102	9,508	324,489	SH	SOLE	1	324,489	0	0
MURPHY USA INC	COM	626755102	6,722	78,507	SH	SOLE	1	78,507	0	0
MUSTANG BIO INC	COM	62818Q104	35	10,294	SH	SOLE	1	10,294	0	0
MUTUALFIRST FINANCIAL INC	COM	62845B104	112	3,727	SH	SOLE	1	3,727	0	0
MVB FINANCIAL CORP	COM	553810102	83	5,461	SH	SOLE	1	5,461	0	0
MYERS INDUSTRIES INC	COM	628464109	455	26,618	SH	SOLE	1	26,618	0	0
MYLAN NV	COM	N59465109	6,062	213,903	SH	SOLE	1	213,903	0	0
MYOKARDIA INC	COM	62857M105	1,128	21,695	SH	SOLE	1	21,695	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	423	12,217	SH	SOLE	1	12,217	0	0

MYRIAD GENETICS INC	COM	62855J104	1,743	52,486	SH	SOLE	1	52,486	0	0
N B T BANCORP INC	COM	628778102	1,164	32,335	SH	SOLE	1	32,335	0	0
NABORS INDUSTRIES LTD	COM	G6359F103	153	44,454	SH	SOLE	1	44,454	0	0
NACCO INDUSTRIES CL A	COM	629579103	92	2,404	SH	SOLE	1	2,404	0	0
NANOMETRICS INC	COM	630077105	538	17,416	SH	SOLE	1	17,416	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	397	16,601	SH	SOLE	1	16,601	0	0
NANTHEALTH INC	COM	630104107	12	13,037	SH	SOLE	1	13,037	0	0
NANTKWEST INC	COM	63016Q102	28	17,983	SH	SOLE	1	17,983	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	155	7,461	SH	SOLE	1	7,461	0	0
NASDAQ INC	COM	631103108	6,858	78,384	SH	SOLE	1	78,384	0	0
NATERA INC	COM	632307104	439	21,295	SH	SOLE	1	21,295	0	0
NATHAN S FAMOUS INC	COM	632347100	124	1,820	SH	SOLE	1	1,820	0	0
NATIONAL BANK HOLD CL A	COM	633707104	712	21,393	SH	SOLE	1	21,393	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	185	4,311	SH	SOLE	1	4,311	0	0
NATIONAL BEVERAGE CORP	COM	635017106	433	7,504	SH	SOLE	1	7,504	0	0
NATIONAL CINEMEDIA INC	COM	635309107	347	49,203	SH	SOLE	1	49,203	0	0
NATIONAL COMMERCE CORP	COM	63546L102	446	11,371	SH	SOLE	1	11,371	0	0
NATIONAL FUEL GAS CO	COM	636180101	10,485	172,001	SH	SOLE	1	172,001	0	0
NATIONAL GENERAL HLDGS	COM	636220303	978	41,225	SH	SOLE	1	41,225	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	587	7,737	SH	SOLE	1	7,737	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	9,967	224,690	SH	SOLE	1	224,690	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	4,459	167,367	SH	SOLE	1	167,367	0	0
NATIONAL PRESTO INDS INC	COM	637215104	408	3,758	SH	SOLE	1	3,758	0	0
NATIONAL RESEARCH CORP	COM	637372202	272	7,035	SH	SOLE	1	7,035	0	0
NATIONAL RETAIL PROPERTIES	REIT	637417106	17,853	322,322	SH	SOLE	1	322,322	0	0
NATIONAL STORAGE AFFILIATES	REIT	637870106	1,220	42,793	SH	SOLE	1	42,793	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	1,260	40,078	SH	SOLE	1	40,078	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	382	1,455	SH	SOLE	1	1,455	0	0
NATL HEALTH INVESTORS INC	REIT	63633D104	2,049	26,083	SH	SOLE	1	26,083	0	0
NATURAL GAS SERVICES GROUP	COM	63886Q109	138	7,959	SH	SOLE	1	7,959	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	69	5,755	SH	SOLE	1	5,755	0	0
NATURAL HEALTH TRENDS CORP	COM	63888P406	61	4,697	SH	SOLE	1	4,697	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	51	5,436	SH	SOLE	1	5,436	0	0
NATUS MEDICAL INC	COM	639050103	630	24,831	SH	SOLE	1	24,831	0	0
NAUTILUS INC	COM	63910B102	123	22,152	SH	SOLE	1	22,152	0	0
NAVIENT CORP	COM	63938C108	5,031	434,811	SH	SOLE	1	434,811	0	0
NAVIGANT CONSULTING INC	COM	63935N107	618	31,736	SH	SOLE	1	31,736	0	0
NAVIGATORS GROUP INC	COM	638904102	1,114	15,951	SH	SOLE	1	15,951	0	0
NAVISTAR	COM	63934E108	1,014	31,383	SH	SOLE	1	31,383	0	0



INTERNATIONAL CORP										
NCI BUILDING SYSTEMS INC	COM	628852204	167	27,184	SH	SOLE	1	27,184	0	0
NCR CORPORATION	COM	62886E108	6,489	237,792	SH	SOLE	1	237,792	0	0
NCS MULTISTAGE HOLDINGS INC	COM	628877102	32	6,236	SH	SOLE	1	6,236	0	0
NEENAH INC	COM	640079109	812	12,624	SH	SOLE	1	12,624	0	0
NEKTAR THERAPEUTICS	COM	640268108	2,397	71,341	SH	SOLE	1	71,341	0	0
NELNET INC CL A	COM	64031N108	654	11,867	SH	SOLE	1	11,867	0	0
NEOGEN CORP	COM	640491106	2,193	38,208	SH	SOLE	1	38,208	0	0
NEOGENOMICS INC	COM	64049M209	1,299	63,472	SH	SOLE	1	63,472	0	0
NEON THERAPEUTICS INC	COM	64050Y100	60	9,323	SH	SOLE	1	9,323	0	0
NEOPHOTONICS CORP	COM	64051T100	143	22,781	SH	SOLE	1	22,781	0	0
NEOS THERAPEUTICS INC	COM	64052L106	79	30,250	SH	SOLE	1	30,250	0	0
NETAPP INC	COM	64110D104	7,724	111,393	SH	SOLE	1	111,393	0	0
NETEASE INC ADR	ADR	64110W102	1,405	5,819	SH	SOLE	1	5,819	0	0
NETFLIX INC	COM	64110L106	68,273	191,478	SH	SOLE	1	191,478	0	0
NETGEAR INC	COM	64111Q104	783	23,640	SH	SOLE	1	23,640	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	5,230	186,333	SH	SOLE	1	186,333	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	183	2,080	SH	SOLE	1	2,080	0	0
NEURONETICS INC	COM	64131A105	124	8,131	SH	SOLE	1	8,131	0	0
NEVRO CORP	COM	64157F103	1,160	18,563	SH	SOLE	1	18,563	0	0
NEW HOME CO INC/THE	COM	645370107	38	8,033	SH	SOLE	1	8,033	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	11,509	231,150	SH	SOLE	1	231,150	0	0
NEW MEDIA INVESTMENT GROUP	COM	64704V106	467	44,452	SH	SOLE	1	44,452	0	0
NEW ORIENTAL EDUCATIO SP ADR	ADR	647581107	207	2,301	SH	SOLE	1	2,301	0	0
NEW RELIC INC	COM	64829B100	2,840	28,770	SH	SOLE	1	28,770	0	0
NEW RESIDENTIAL INVESTMENT	REIT	64828T201	108	6,393	SH	SOLE	1	6,393	0	0
NEW SENIOR INVESTMENT GROUP	REIT	648691103	259	47,603	SH	SOLE	1	47,603	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	10,787	932,294	SH	SOLE	1	932,294	0	0
NEW YORK MORTGAGE TRUST INC	REIT	649604501	794	130,396	SH	SOLE	1	130,396	0	0
NEW YORK TIMES CO A	COM	650111107	11,975	364,536	SH	SOLE	1	364,536	0	0
NEWELL BRANDS INC	COM	651229106	2,304	150,195	SH	SOLE	1	150,195	0	0
NEWLINK GENETICS CORP	COM	651511107	36	18,562	SH	SOLE	1	18,562	0	0
NEWMARK GROUP INC W/I	COM	65158N102	795	95,279	SH	SOLE	1	95,279	0	0
NEWMARKET CORP	COM	651587107	7,554	17,423	SH	SOLE	1	17,423	0	0
NEWMONT GOLDCORP CORP	COM	651639106	6,750	188,699	SH	SOLE	1	188,699	0	0
NEWPARK RESOURCES INC	COM	651718504	618	67,493	SH	SOLE	1	67,493	0	0
NEWS CORP CLASS A	COM	65249B109	1,697	136,394	SH	SOLE	1	136,394	0	0
NEWS CORP CLASS B	COM	65249B208	547	43,785	SH	SOLE	1	43,785	0	0
NEXPOINT RESIDENTIAL	REIT	65341D102	457	11,921	SH	SOLE	1	11,921	0	0
NEXSTAR MEDIA GROUP INC CL A	COM	65336K103	3,095	28,561	SH	SOLE	1	28,561	0	0
NEXTDECADE CORP	COM	65342K105	28	4,990	SH	SOLE	1	4,990	0	0
NEXTERA ENERGY INC	COM	65339F101	30,023	155,300	SH	SOLE	1	155,300	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	674	40,048	SH	SOLE	1	40,048	0	0

NI HOLDINGS INC	COM	65342T106	99	6,192	SH	SOLE	1	6,192	0	0
NIC INC	COM	62914B100	836	48,901	SH	SOLE	1	48,901	0	0
NICOLET BANKSHARES INC	COM	65406E102	299	5,015	SH	SOLE	1	5,015	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	16,205	684,616	SH	SOLE	1	684,616	0	0
NII HOLDINGS INC	COM	62913F508	111	56,639	SH	SOLE	1	56,639	0	0
NIKE INC CL B	COM	654106103	35,041	416,118	SH	SOLE	1	416,118	0	0
NINE ENERGY SERVICE INC	COM	65441V101	215	9,472	SH	SOLE	1	9,472	0	0
NISOURCE INC	COM	65473P105	4,793	167,236	SH	SOLE	1	167,236	0	0
NL INDUSTRIES	COM	629156407	21	5,325	SH	SOLE	1	5,325	0	0
NLIGHT INC	COM	65487K100	323	14,492	SH	SOLE	1	14,492	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,241	47,961	SH	SOLE	1	47,961	0	0
NN INC	COM	629337106	201	26,858	SH	SOLE	1	26,858	0	0
NOBLE CORP PLC	COM	G65431101	536	186,653	SH	SOLE	1	186,653	0	0
NOBLE ENERGY INC	COM	655044105	5,384	217,692	SH	SOLE	1	217,692	0	0
NOODLES (PLUS) CO	COM	65540B105	61	8,934	SH	SOLE	1	8,934	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	181	89,457	SH	SOLE	1	89,457	0	0
NORDSON CORP	COM	655663102	13,694	103,332	SH	SOLE	1	103,332	0	0
NORDSTROM INC	COM	655664100	2,716	61,195	SH	SOLE	1	61,195	0	0
NORFOLK SOUTHERN CORP	COM	655844108	18,631	99,687	SH	SOLE	1	99,687	0	0
NORTHEAST BANCORP	COM	663904209	100	4,826	SH	SOLE	1	4,826	0	0
NORTHERN OIL AND GAS INC	COM	665531109	340	124,023	SH	SOLE	1	124,023	0	0
NORTHERN TRUST CORP	COM	665859104	8,457	93,540	SH	SOLE	1	93,540	0	0
NORTHFIELD BANCORP INC	COM	66611T108	466	33,557	SH	SOLE	1	33,557	0	0
NORTHRIM BANCORP INC	COM	666762109	149	4,330	SH	SOLE	1	4,330	0	0
NORTHROP GRUMMAN CORP	COM	666807102	15,403	57,133	SH	SOLE	1	57,133	0	0
NORTHSTAR REALTY EUROPE CORP	REIT	66706L101	597	34,367	SH	SOLE	1	34,367	0	0
NORTHWEST BANCSHARES INC	COM	667340103	1,243	73,244	SH	SOLE	1	73,244	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	1,422	21,660	SH	SOLE	1	21,660	0	0
NORTHWEST PIPE CO	COM	667746101	146	6,091	SH	SOLE	1	6,091	0	0
NORTHWESTERN CORP	COM	668074305	9,279	131,783	SH	SOLE	1	131,783	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	4,239	77,132	SH	SOLE	1	77,132	0	0
NORWOOD FINANCIAL CORP	COM	669549107	113	3,667	SH	SOLE	1	3,667	0	0
NOVANTA INC	COM	67000B104	1,770	20,887	SH	SOLE	1	20,887	0	0
NOVAVAX INC	COM	670002104	134	243,095	SH	SOLE	1	243,095	0	0
NOVOCURE LTD	COM	G6674U108	2,261	46,930	SH	SOLE	1	46,930	0	0
NOW INC	COM	67011P100	3,953	283,200	SH	SOLE	1	283,200	0	0
NRG ENERGY INC	COM	629377508	5,814	136,868	SH	SOLE	1	136,868	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	5,289	110,513	SH	SOLE	1	110,513	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	85	5,033	SH	SOLE	1	5,033	0	0
NUCOR CORP	COM	670346105	12,444	213,263	SH	SOLE	1	213,263	0	0
NUTANIX INC A	COM	67059N108	123	3,270	SH	SOLE	1	3,270	0	0
NUVASIVE INC	COM	670704105	7,660	134,882	SH	SOLE	1	134,882	0	0
NUVECTRA CORP	COM	67075N108	122	11,036	SH	SOLE	1	11,036	0	0
NUVERRA ENVIRONMENTAL SOLUTI	COM	67091K302	10	1,085	SH	SOLE	1	1,085	0	0

NV5 GLOBAL INC	COM	62945V109	355	5,980	SH	SOLE	1	5,980	0	0
NVE CORP	COM	629445206	298	3,043	SH	SOLE	1	3,043	0	0
NVENT ELECTRIC PLC	COM	G6700G107	8,679	321,669	SH	SOLE	1	321,669	0	0
NVIDIA CORP	COM	67066G104	47,229	263,027	SH	SOLE	1	263,027	0	0
NVR INC	COM	62944T105	18,824	6,803	SH	SOLE	1	6,803	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	5,397	61,063	SH	SOLE	1	61,063	0	0
NYMOX PHARMACEUTICAL CORP	COM	P73398102	41	20,649	SH	SOLE	1	20,649	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	14,013	36,089	SH	SOLE	1	36,089	0	0
OAK VALLEY BANCORP	COM	671807105	78	4,421	SH	SOLE	1	4,421	0	0
OASIS PETROLEUM INC	COM	674215108	4,266	706,298	SH	SOLE	1	706,298	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	23,319	352,253	SH	SOLE	1	352,253	0	0
OCEANEERING INTL INC	COM	675232102	4,076	258,474	SH	SOLE	1	258,474	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	729	30,292	SH	SOLE	1	30,292	0	0
OCONEE FEDERAL FINANCIAL COR	COM	675607105	30	1,156	SH	SOLE	1	1,156	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	90	22,674	SH	SOLE	1	22,674	0	0
OCWEN FINANCIAL CORP	COM	675746309	136	74,946	SH	SOLE	1	74,946	0	0
ODONATE THERAPEUTICS INC	COM	676079106	96	4,325	SH	SOLE	1	4,325	0	0
OFFICE DEPOT INC	COM	676220106	1,964	541,174	SH	SOLE	1	541,174	0	0
OFFICE PROPERTIES INCOME TRU	REIT	67623C109	997	36,075	SH	SOLE	1	36,075	0	0
OFG BANCORP	COM	67103X102	1,649	83,309	SH	SOLE	1	83,309	0	0
OGE ENERGY CORP	COM	670837103	17,463	404,995	SH	SOLE	1	404,995	0	0
OHIO VALLEY BANC CORP	COM	677719106	95	2,618	SH	SOLE	1	2,618	0	0
OIL DRI CORP OF AMERICA	COM	677864100	101	3,250	SH	SOLE	1	3,250	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	766	45,155	SH	SOLE	1	45,155	0	0
OKTA INC	COM	679295105	166	2,001	SH	SOLE	1	2,001	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	18,754	129,886	SH	SOLE	1	129,886	0	0
OLD LINE BANCSHARES INC	COM	67984M100	249	9,992	SH	SOLE	1	9,992	0	0
OLD NATIONAL BANCORP	COM	680033107	1,872	114,146	SH	SOLE	1	114,146	0	0
OLD REPUBLIC INTL CORP	COM	680223104	11,875	567,653	SH	SOLE	1	567,653	0	0
OLD SECOND BANCORP INC	COM	680277100	233	18,518	SH	SOLE	1	18,518	0	0
OLIN CORP	COM	680665205	7,611	328,918	SH	SOLE	1	328,918	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	11,405	133,652	SH	SOLE	1	133,652	0	0
OLYMPIC STEEL INC	COM	68162K106	110	6,951	SH	SOLE	1	6,951	0	0
OMEGA FLEX INC	COM	682095104	141	1,857	SH	SOLE	1	1,857	0	0
OMEGA HEALTHCARE INVESTORS	REIT	681936100	15,541	407,355	SH	SOLE	1	407,355	0	0
OMEROS CORP	COM	682143102	515	29,655	SH	SOLE	1	29,655	0	0
OMNICELL INC	COM	68213N109	2,386	29,514	SH	SOLE	1	29,514	0	0
OMNICOM GROUP	COM	681919106	394,828	5,409,340	SH	SOLE	1	5,409,340	0	0
OMNOVA SOLUTIONS INC	COM	682129101	196	27,921	SH	SOLE	1	27,921	0	0
ON DECK CAPITAL INC	COM	682163100	178	32,910	SH	SOLE	1	32,910	0	0
ON SEMICONDUCTOR CORP	COM	682189105	200	9,743	SH	SOLE	1	9,743	0	0

ONE GAS INC	COM	68235P108	12,214	137,192	SH	SOLE	1	137,192	0	0
ONE LIBERTY PROPERTIES INC	REIT	682406103	281	9,674	SH	SOLE	1	9,674	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	43	1,370	SH	SOLE	1	1,370	0	0
ONEOK INC	COM	682680103	13,565	194,233	SH	SOLE	1	194,233	0	0
ONESPAN INC	COM	68287N100	457	23,798	SH	SOLE	1	23,798	0	0
OOMA INC	COM	683416101	159	12,012	SH	SOLE	1	12,012	0	0
OP BANCORP	COM	67109R109	70	8,055	SH	SOLE	1	8,055	0	0
OPKO HEALTH INC	COM	68375N103	535	205,133	SH	SOLE	1	205,133	0	0
OPPENHEIMER HOLDINGS CL A	COM	683797104	160	6,164	SH	SOLE	1	6,164	0	0
OPTINOSE INC	COM	68404V100	126	12,239	SH	SOLE	1	12,239	0	0
OPUS BANK	COM	684000102	299	15,118	SH	SOLE	1	15,118	0	0
ORACLE CORP	COM	68389X105	48,959	911,546	SH	SOLE	1	911,546	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	509	45,643	SH	SOLE	1	45,643	0	0
ORBCOMM INC	COM	68555P100	316	46,660	SH	SOLE	1	46,660	0	0
ORCHID ISLAND CAPITAL INC	REIT	68571X103	205	31,217	SH	SOLE	1	31,217	0	0
ORGANOVO HOLDINGS INC	COM	68620A104	76	76,622	SH	SOLE	1	76,622	0	0
ORIGIN BANCORP INC	COM	68621T102	379	11,137	SH	SOLE	1	11,137	0	0
ORION GROUP HOLDINGS INC	COM	68628V308	62	21,356	SH	SOLE	1	21,356	0	0
ORITANI FINANCIAL CORP	COM	68633D103	484	29,082	SH	SOLE	1	29,082	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	1,400	25,391	SH	SOLE	1	25,391	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	88	4,741	SH	SOLE	1	4,741	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	756	13,398	SH	SOLE	1	13,398	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	222	5,025	SH	SOLE	1	5,025	0	0
OSHKOSH CORP	COM	688239201	10,501	139,777	SH	SOLE	1	139,777	0	0
OSI SYSTEMS INC	COM	671044105	1,112	12,697	SH	SOLE	1	12,697	0	0
OSMOTICA PHARMACEUTICALS PLC	COM	G6S41R101	22	6,219	SH	SOLE	1	6,219	0	0
OTTER TAIL CORP	COM	689648103	1,252	25,131	SH	SOLE	1	25,131	0	0
OUTFRONT MEDIA INC	REIT	69007J106	1,300	55,571	SH	SOLE	1	55,571	0	0
OVERSEAS SHIPHOLDING GROUP A	COM	69036R863	83	36,354	SH	SOLE	1	36,354	0	0
OVERSTOCK.COM INC	COM	690370101	244	14,702	SH	SOLE	1	14,702	0	0
OVID THERAPEUTICS INC	COM	690469101	15	8,401	SH	SOLE	1	8,401	0	0
OWENS (PLUS) MINOR INC	COM	690732102	190	46,291	SH	SOLE	1	46,291	0	0
OWENS CORNING	COM	690742101	90	1,920	SH	SOLE	1	1,920	0	0
OWENS ILLINOIS INC	COM	690768403	5,818	306,554	SH	SOLE	1	306,554	0	0
OXFORD IMMUNOTEC GLOBAL PLC	COM	G6855A103	284	16,485	SH	SOLE	1	16,485	0	0
OXFORD INDUSTRIES INC	COM	691497309	954	12,674	SH	SOLE	1	12,674	0	0
P G (PLUS) E CORP	COM	69331C108	617	34,661	SH	SOLE	1	34,661	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	67	1,365	SH	SOLE	1	1,365	0	0
PACCAR INC	COM	693718108	11,002	161,465	SH	SOLE	1	161,465	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	637	88,142	SH	SOLE	1	88,142	0	0
PACIFIC CITY FINANCIAL CORP	COM	69406T408	132	7,559	SH	SOLE	1	7,559	0	0
PACIFIC MERCANTILE BANCORP	COM	694552100	76	9,909	SH	SOLE	1	9,909	0	0

PACIFIC PREMIER BANCORP INC	COM	69478X105	912	34,373	SH	SOLE	1	34,373	0	0
PACIRA BIOSCIENCES INC	COM	695127100	968	25,445	SH	SOLE	1	25,445	0	0
PACKAGING CORP OF AMERICA	COM	695156109	4,444	44,718	SH	SOLE	1	44,718	0	0
PACWEST BANCORP	COM	695263103	11,800	313,750	SH	SOLE	1	313,750	0	0
PALATIN TECHNOLOGIES INC	COM	696077403	127	129,239	SH	SOLE	1	129,239	0	0
PALO ALTO NETWORKS INC	COM	697435105	517	2,127	SH	SOLE	1	2,127	0	0
PAN AMERICAN SILVER CORP	COM	697900108	509	38,451	SH	SOLE	1	38,451	0	0
PANHANDLE OIL AND GAS INC A	COM	698477106	158	10,053	SH	SOLE	1	10,053	0	0
PAPA JOHN S INTL INC	COM	698813102	3,106	58,660	SH	SOLE	1	58,660	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	425	23,845	SH	SOLE	1	23,845	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	178	7,257	SH	SOLE	1	7,257	0	0
PARAMOUNT GROUP INC	REIT	69924R108	52	3,631	SH	SOLE	1	3,631	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	110	20,521	SH	SOLE	1	20,521	0	0
PARK CITY GROUP INC	COM	700215304	68	8,493	SH	SOLE	1	8,493	0	0
PARK ELECTROCHEMICAL CORP	COM	700416209	228	14,543	SH	SOLE	1	14,543	0	0
PARK HOTELS (PLUS) RESORTS INC	REIT	700517105	109	3,520	SH	SOLE	1	3,520	0	0
PARK NATIONAL CORP	COM	700658107	830	8,759	SH	SOLE	1	8,759	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	185	5,705	SH	SOLE	1	5,705	0	0
PARKE BANCORP INC	COM	700885106	92	4,416	SH	SOLE	1	4,416	0	0
PARKER HANNIFIN CORP	COM	701094104	11,739	68,404	SH	SOLE	1	68,404	0	0
PARSLEY ENERGY INC CLASS A	COM	701877102	149	7,734	SH	SOLE	1	7,734	0	0
PARTY CITY HOLDCO INC	COM	702149105	287	36,152	SH	SOLE	1	36,152	0	0
PATRICK INDUSTRIES INC	COM	703343103	788	17,392	SH	SOLE	1	17,392	0	0
PATTERN ENERGY GROUP INC A	COM	70338P100	1,135	51,584	SH	SOLE	1	51,584	0	0
PATTERSON COS INC	COM	703395103	4,711	215,624	SH	SOLE	1	215,624	0	0
PATTERSON UTI ENERGY INC	COM	703481101	5,976	426,236	SH	SOLE	1	426,236	0	0
PAYCHEX INC	COM	704326107	24,675	307,671	SH	SOLE	1	307,671	0	0
PAYCOM SOFTWARE INC	COM	70432V102	219	1,159	SH	SOLE	1	1,159	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	1,648	18,480	SH	SOLE	1	18,480	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	52,829	508,756	SH	SOLE	1	508,756	0	0
PBF ENERGY INC CLASS A	COM	69318G106	7,444	239,044	SH	SOLE	1	239,044	0	0
PC CONNECTION INC	COM	69318J100	267	7,280	SH	SOLE	1	7,280	0	0
PCSB FINANCIAL CORP	COM	69324R104	203	10,364	SH	SOLE	1	10,364	0	0
PDC ENERGY INC	COM	69327R101	2,037	50,068	SH	SOLE	1	50,068	0	0
PDF SOLUTIONS INC	COM	693282105	258	20,925	SH	SOLE	1	20,925	0	0
PDL BIOPHARMA INC	COM	69329Y104	340	91,418	SH	SOLE	1	91,418	0	0
PDL COMMUNITY BANCORP	COM	69290X101	78	5,605	SH	SOLE	1	5,605	0	0
PDVWIRELESS INC	COM	69290R104	213	6,062	SH	SOLE	1	6,062	0	0
PEABODY ENERGY CORP	COM	704551100	1,415	49,963	SH	SOLE	1	49,963	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	313	11,938	SH	SOLE	1	11,938	0	0

PEBBLEBROOK HOTEL TRUST	REIT	70509V100	10,587	340,868	SH	SOLE	1	340,868	0	0
PEGASYSYSTEMS INC	COM	705573103	57	879	SH	SOLE	1	879	0	0
PENN NATIONAL GAMING INC	COM	707569109	5,634	280,322	SH	SOLE	1	280,322	0	0
PENN REAL ESTATE INVEST TST	REIT	709102107	324	51,508	SH	SOLE	1	51,508	0	0
PENN VIRGINIA CORP	COM	70788V102	419	9,500	SH	SOLE	1	9,500	0	0
PENNS WOODS BANCORP INC	COM	708430103	120	2,917	SH	SOLE	1	2,917	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	281	12,644	SH	SOLE	1	12,644	0	0
PENNYMAC MORTGAGE INVESTMENT	REIT	70931T103	957	46,232	SH	SOLE	1	46,232	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	28	621	SH	SOLE	1	621	0	0
PENTAIR PLC	COM	G7S00T104	2,699	60,640	SH	SOLE	1	60,640	0	0
PENUMBRA INC	COM	70975L107	105	716	SH	SOLE	1	716	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	2,559	155,643	SH	SOLE	1	155,643	0	0
PEOPLE S UTAH BANCORP	COM	712706209	259	9,808	SH	SOLE	1	9,808	0	0
PEOPLES BANCORP INC	COM	709789101	349	11,271	SH	SOLE	1	11,271	0	0
PEOPLES BANCORP OF NC	COM	710577107	79	2,961	SH	SOLE	1	2,961	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	199	4,393	SH	SOLE	1	4,393	0	0
PEPSICO INC	COM	713448108	86,414	705,136	SH	SOLE	1	705,136	0	0
PERFICIENT INC	COM	71375U101	672	24,524	SH	SOLE	1	24,524	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	2,576	64,974	SH	SOLE	1	64,974	0	0
PERKINELMER INC	COM	714046109	4,303	44,653	SH	SOLE	1	44,653	0	0
PERRIGO CO PLC	COM	G97822103	3,435	71,324	SH	SOLE	1	71,324	0	0
PERSPECTA INC	COM	715347100	7,456	368,721	SH	SOLE	1	368,721	0	0
PETIQ INC	COM	71639T106	316	10,046	SH	SOLE	1	10,046	0	0
PETMED EXPRESS INC	COM	716382106	345	15,166	SH	SOLE	1	15,166	0	0
PFENEX INC	COM	717071104	112	18,148	SH	SOLE	1	18,148	0	0
PFIZER INC	COM	717081103	466,581	10,986,121	SH	SOLE	1	10,986,121	0	0
PFSWEB INC	COM	717098206	50	9,692	SH	SOLE	1	9,692	0	0
PGT INNOVATIONS INC	COM	69336V101	595	42,970	SH	SOLE	1	42,970	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	507	15,373	SH	SOLE	1	15,373	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	451,552	5,108,628	SH	SOLE	1	5,108,628	0	0
PHILLIPS 66	COM	718546104	16,107	169,247	SH	SOLE	1	169,247	0	0
PHOTRONICS INC	COM	719405102	467	49,409	SH	SOLE	1	49,409	0	0
PHYSICIANS REALTY TRUST	REIT	71943U104	2,192	116,525	SH	SOLE	1	116,525	0	0
PICO HOLDINGS INC	COM	693366205	124	12,509	SH	SOLE	1	12,509	0	0
PIEDMONT OFFICE REALTY TRU A	REIT	720190206	1,678	80,502	SH	SOLE	1	80,502	0	0
PIER 1 IMPORTS INC	COM	720279108	40	52,121	SH	SOLE	1	52,121	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	111	33,111	SH	SOLE	1	33,111	0	0
PILGRIM S PRIDE CORP	COM	72147K108	21	927	SH	SOLE	1	927	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	7,964	145,590	SH	SOLE	1	145,590	0	0
PINNACLE WEST CAPITAL	COM	723484101	3,668	38,381	SH	SOLE	1	38,381	0	0
PIONEER ENERGY SERVICES CORP	COM	723664108	102	57,896	SH	SOLE	1	57,896	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	11,073	72,718	SH	SOLE	1	72,718	0	0

PIPER JAFFRAY COS	COM	724078100	791	10,864	SH	SOLE	1	10,864	0	0
PITNEY BOWES INC	COM	724479100	3,381	492,183	SH	SOLE	1	492,183	0	0
PJT PARTNERS INC A	COM	69343T107	531	12,715	SH	SOLE	1	12,715	0	0
PLAINS GP HLDGS L P	LTD PARTNR INT A	72651A207	22,521	903,730	SH	SOLE	2	903,730	0	0
PLAINS GP HOLDINGS LP CL A	COM	72651A207	95	3,826	SH	SOLE	1	3,826	0	0
PLANET FITNESS INC CL A	COM	72703H101	3,877	56,418	SH	SOLE	1	56,418	0	0
PLANTRONICS INC	COM	727493108	3,962	85,919	SH	SOLE	1	85,919	0	0
PLAYAGS INC	COM	72814N104	335	14,008	SH	SOLE	1	14,008	0	0
PLEXUS CORP	COM	729132100	1,414	23,193	SH	SOLE	1	23,193	0	0
PLUG POWER INC	COM	72919P202	327	136,336	SH	SOLE	1	136,336	0	0
PLURALSIGHT INC A	COM	72941B106	17	532	SH	SOLE	1	532	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	25,696	209,486	SH	SOLE	1	209,486	0	0
PNM RESOURCES INC	COM	69349H107	9,859	208,259	SH	SOLE	1	208,259	0	0
POLARIS INDUSTRIES INC	COM	731068102	9,681	114,662	SH	SOLE	1	114,662	0	0
POLARITYTE INC	COM	731094108	69	6,479	SH	SOLE	1	6,479	0	0
POLYONE CORPORATION	COM	73179P106	5,997	204,603	SH	SOLE	1	204,603	0	0
POOL CORP	COM	73278L105	12,999	78,797	SH	SOLE	1	78,797	0	0
POPULAR INC	COM	733174700	92	1,765	SH	SOLE	1	1,765	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	2,958	57,065	SH	SOLE	1	57,065	0	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	1,441	41,523	SH	SOLE	1	41,523	0	0
POST HOLDINGS INC	COM	737446104	14,532	132,832	SH	SOLE	1	132,832	0	0
POTBELLY CORP	COM	73754Y100	121	14,256	SH	SOLE	1	14,256	0	0
POTLATCHDELTIC CORP	REIT	737630103	6,669	176,474	SH	SOLE	1	176,474	0	0
POWELL INDUSTRIES INC	COM	739128106	177	6,672	SH	SOLE	1	6,672	0	0
POWER INTEGRATIONS INC	COM	739276103	1,516	21,678	SH	SOLE	1	21,678	0	0
PPG INDUSTRIES INC	COM	693506107	10,564	93,594	SH	SOLE	1	93,594	0	0
PPL CORP	COM	69351T106	10,830	341,213	SH	SOLE	1	341,213	0	0
PQ GROUP HOLDINGS INC	COM	73943T103	354	23,339	SH	SOLE	1	23,339	0	0
PRA GROUP INC	COM	69354N106	906	33,800	SH	SOLE	1	33,800	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	13,009	117,956	SH	SOLE	1	117,956	0	0
PREFERRED APARTMENT COMMUN A	REIT	74039L103	387	26,123	SH	SOLE	1	26,123	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	474	10,532	SH	SOLE	1	10,532	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	104	1,954	SH	SOLE	1	1,954	0	0
PREMIER FINANCIAL BANCORP	COM	74050M105	119	7,558	SH	SOLE	1	7,558	0	0
PREMIER INC CLASS A	COM	74051N102	35	1,014	SH	SOLE	1	1,014	0	0
PRESIDIO INC	COM	74102M103	384	25,966	SH	SOLE	1	25,966	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	4,055	135,589	SH	SOLE	1	135,589	0	0
PRGX GLOBAL INC	COM	69357C503	106	13,361	SH	SOLE	1	13,361	0	0
PRICESMART INC	COM	741511109	831	14,107	SH	SOLE	1	14,107	0	0
PRIMERICA INC	COM	74164M108	13,644	111,700	SH	SOLE	1	111,700	0	0
PRIMO WATER CORP	COM	74165N105	330	21,373	SH	SOLE	1	21,373	0	0
PRIMORIS SERVICES CORP	COM	74164F103	551	26,664	SH	SOLE	1	26,664	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	5,207	103,741	SH	SOLE	1	103,741	0	0

PRINCIPIA BIOPHARMA INC	COM	74257L108	124	3,642	SH	SOLE	1	3,642	0	0
PROASSURANCE CORP	COM	74267C106	1,391	40,183	SH	SOLE	1	40,183	0	0
PROCTER (PLUS) GAMBLE CO/THE	COM	742718109	553,598	5,320,504	SH	SOLE	1	5,320,504	0	0
PROFIRE ENERGY INC	COM	74316X101	27	15,252	SH	SOLE	1	15,252	0	0
PROGENICS PHARMACEUTICALS	COM	743187106	296	63,759	SH	SOLE	1	63,759	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,502	33,859	SH	SOLE	1	33,859	0	0
PROGRESSIVE CORP	COM	743315103	16,674	231,299	SH	SOLE	1	231,299	0	0
PROLOGIS INC	REIT	74340W103	17,924	249,113	SH	SOLE	1	249,113	0	0
PROOFPOINT INC	COM	743424103	143	1,174	SH	SOLE	1	1,174	0	0
PROPETRO HOLDING CORP	COM	74347M108	1,216	53,957	SH	SOLE	1	53,957	0	0
PROS HOLDINGS INC	COM	74346Y103	853	20,191	SH	SOLE	1	20,191	0	0
PROSPERITY BANCSHARES INC	COM	743606105	9,140	132,353	SH	SOLE	1	132,353	0	0
PROTECTIVE INSURANCE CORP B	COM	74368L203	112	6,035	SH	SOLE	1	6,035	0	0
PROTEOSTASIS THERAPEUTICS IN	COM	74373B109	28	21,866	SH	SOLE	1	21,866	0	0
PROTHENA CORP PLC	COM	G72800108	311	25,621	SH	SOLE	1	25,621	0	0
PROTO LABS INC	COM	743713109	2,152	20,467	SH	SOLE	1	20,467	0	0
PROVIDENCE SERVICE CORP	COM	743815102	560	8,411	SH	SOLE	1	8,411	0	0
PROVIDENT BANCORP INC	COM	74383X109	62	2,750	SH	SOLE	1	2,750	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	1,201	46,376	SH	SOLE	1	46,376	0	0
PRUDENTIAL BANCORP INC	COM	74431A101	97	5,600	SH	SOLE	1	5,600	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	16,602	180,690	SH	SOLE	1	180,690	0	0
PS BUSINESS PARKS INC/CA	REIT	69360J107	2,361	15,054	SH	SOLE	1	15,054	0	0
PTC INC	COM	69370C100	19,709	213,810	SH	SOLE	1	213,810	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,235	32,804	SH	SOLE	1	32,804	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	10,637	179,038	SH	SOLE	1	179,038	0	0
PUBLIC STORAGE	REIT	74460D109	12,463	57,228	SH	SOLE	1	57,228	0	0
PULSE BIOSCIENCES INC	COM	74587B101	119	6,776	SH	SOLE	1	6,776	0	0
PULTEGROUP INC	COM	745867101	2,540	90,849	SH	SOLE	1	90,849	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	720	18,569	SH	SOLE	1	18,569	0	0
PURE CYCLE CORP	COM	746228303	108	10,905	SH	SOLE	1	10,905	0	0
PURE STORAGE INC CLASS A	COM	74624M102	84	3,840	SH	SOLE	1	3,840	0	0
PURPLE INNOVATION INC	COM	74640Y106	13	2,781	SH	SOLE	1	2,781	0	0
PVH CORP	COM	693656100	4,372	35,853	SH	SOLE	1	35,853	0	0
PYXUS INTERNATIONAL INC	COM	74737V106	128	5,350	SH	SOLE	1	5,350	0	0
PZENA INVESTMENT MANAGM CL A	COM	74731Q103	89	11,026	SH	SOLE	1	11,026	0	0
Q2 HOLDINGS INC	COM	74736L109	1,652	23,855	SH	SOLE	1	23,855	0	0
QAD INC A	COM	74727D306	285	6,628	SH	SOLE	1	6,628	0	0
QCR HOLDINGS INC	COM	74727A104	283	8,337	SH	SOLE	1	8,337	0	0
QEP RESOURCES INC	COM	74733V100	3,673	471,450	SH	SOLE	1	471,450	0	0
QIAGEN N.V.	COM	N72482123	158	3,884	SH	SOLE	1	3,884	0	0
QORVO INC	COM	74736K101	3,123	43,545	SH	SOLE	1	43,545	0	0
QTS REALTY TRUST INC CL A	REIT	74736A103	1,462	32,499	SH	SOLE	1	32,499	0	0



QUAD GRAPHICS INC	COM	747301109	237	19,930	SH	SOLE	1	19,930	0	0
QUAKER CHEMICAL CORP	COM	747316107	1,984	9,902	SH	SOLE	1	9,902	0	0
QUALCOMM INC	COM	747525103	31,709	556,013	SH	SOLE	1	556,013	0	0
QUALYS INC	COM	74758T303	2,128	25,720	SH	SOLE	1	25,720	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	400	25,189	SH	SOLE	1	25,189	0	0
QUANTA SERVICES INC	COM	74762E102	1,904	50,452	SH	SOLE	1	50,452	0	0
QUANTENNA COMMUNICATIONS INC	COM	74766D100	531	21,828	SH	SOLE	1	21,828	0	0
QUANTERIX CORP	COM	74766Q101	141	5,443	SH	SOLE	1	5,443	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	8,012	89,104	SH	SOLE	1	89,104	0	0
QUIDEL CORP	COM	74838J101	1,427	21,801	SH	SOLE	1	21,801	0	0
QUINSTREET INC	COM	74874Q100	442	32,985	SH	SOLE	1	32,985	0	0
QUINTANA ENERGY SERVICES INC	COM	74875T103	17	3,969	SH	SOLE	1	3,969	0	0
QUORUM HEALTH CORP	COM	74909E106	27	19,063	SH	SOLE	1	19,063	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	502	50,862	SH	SOLE	1	50,862	0	0
QURATE RETAIL INC	COM	74915M100	361	22,594	SH	SOLE	1	22,594	0	0
R1 RCM INC	COM	749397105	635	65,644	SH	SOLE	1	65,644	0	0
RA PHARMACEUTICALS INC	COM	74933V108	269	11,992	SH	SOLE	1	11,992	0	0
RADIAN GROUP INC	COM	750236101	4,091	197,252	SH	SOLE	1	197,252	0	0
RADIANT LOGISTICS INC	COM	75025X100	156	24,818	SH	SOLE	1	24,818	0	0
RADIUS HEALTH INC	COM	750469207	515	25,805	SH	SOLE	1	25,805	0	0
RADNET INC	COM	750491102	317	25,605	SH	SOLE	1	25,605	0	0
RALPH LAUREN CORP	COM	751212101	3,918	30,213	SH	SOLE	1	30,213	0	0
RAMACO RESOURCES INC	COM	75134P303	22	3,812	SH	SOLE	1	3,812	0	0
RAMBUS INC	COM	750917106	845	80,831	SH	SOLE	1	80,831	0	0
RANGE RESOURCES CORP	COM	75281A109	4,656	414,201	SH	SOLE	1	414,201	0	0
RAPID7 INC	COM	753422104	1,191	23,530	SH	SOLE	1	23,530	0	0
RAVEN INDUSTRIES INC	COM	754212108	1,040	27,102	SH	SOLE	1	27,102	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	4,065	50,555	SH	SOLE	1	50,555	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	517	38,121	SH	SOLE	1	38,121	0	0
RAYONIER INC	REIT	754907103	8,141	258,268	SH	SOLE	1	258,268	0	0
RAYTHEON COMPANY	COM	755111507	17,037	93,567	SH	SOLE	1	93,567	0	0
RBB BANCORP	COM	74930B105	166	8,855	SH	SOLE	1	8,855	0	0
RBC BEARINGS INC	COM	75524B104	1,938	15,241	SH	SOLE	1	15,241	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	133	5,780	SH	SOLE	1	5,780	0	0
RE/MAX HOLDINGS INC CL A	COM	75524W108	519	13,465	SH	SOLE	1	13,465	0	0
READING INTERNATIONAL INC A	COM	755408101	171	10,708	SH	SOLE	1	10,708	0	0
READY CAPITAL CORP	REIT	75574U101	165	11,266	SH	SOLE	1	11,266	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	2,581	226,444	SH	SOLE	1	226,444	0	0
REALPAGE INC	COM	75606N109	101	1,671	SH	SOLE	1	1,671	0	0
REALTY INCOME CORP	REIT	756109104	7,712	104,842	SH	SOLE	1	104,842	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	1,030	12,052	SH	SOLE	1	12,052	0	0
RECRO PHARMA INC	COM	75629F109	68	11,654	SH	SOLE	1	11,654	0	0
RED HAT INC	COM	756577102	11,896	65,113	SH	SOLE	1	65,113	0	0
RED LION HOTELS CORP	COM	756764106	83	10,289	SH	SOLE	1	10,289	0	0
RED ROBIN GOURMET	COM	75689M101	283	9,811	SH	SOLE	1	9,811	0	0

BURGERS										
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,146	44,341	SH	SOLE	1	44,341	0	0
REDFIN CORP	COM	75737F108	1,024	50,500	SH	SOLE	1	50,500	0	0
REDWOOD TRUST INC	REIT	758075402	1,168	72,309	SH	SOLE	1	72,309	0	0
REGAL BELOIT CORP	COM	758750103	6,989	85,361	SH	SOLE	1	85,361	0	0
REGENCY CENTERS CORP	REIT	758849103	3,925	58,153	SH	SOLE	1	58,153	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	15,415	37,540	SH	SOLE	1	37,540	0	0
REGENXBIO INC	COM	75901B107	1,379	24,062	SH	SOLE	1	24,062	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	145	5,942	SH	SOLE	1	5,942	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	6,749	476,944	SH	SOLE	1	476,944	0	0
REGIS CORP	COM	758932107	457	23,252	SH	SOLE	1	23,252	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	17,789	125,294	SH	SOLE	1	125,294	0	0
RELIANCE STEEL (PLUS) ALUMINUM	COM	759509102	13,288	147,216	SH	SOLE	1	147,216	0	0
RELIANT BANCORP INC	COM	75956B101	144	6,441	SH	SOLE	1	6,441	0	0
REMARK HOLDINGS INC	COM	75955K102	34	18,327	SH	SOLE	1	18,327	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	12,239	85,287	SH	SOLE	1	85,287	0	0
RENASANT CORP	COM	75970E107	1,041	30,744	SH	SOLE	1	30,744	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	614	27,939	SH	SOLE	1	27,939	0	0
RENT A CENTER INC	COM	76009N100	701	33,577	SH	SOLE	1	33,577	0	0
REPLIGEN CORP	COM	759916109	1,745	29,535	SH	SOLE	1	29,535	0	0
REPLIMUNE GROUP INC	COM	76029N106	114	7,483	SH	SOLE	1	7,483	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	274	6,125	SH	SOLE	1	6,125	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	147	28,053	SH	SOLE	1	28,053	0	0
REPUBLIC SERVICES INC	COM	760759100	7,371	91,699	SH	SOLE	1	91,699	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	4,690	243,114	SH	SOLE	1	243,114	0	0
RESMED INC	COM	761152107	5,984	57,554	SH	SOLE	1	57,554	0	0
RESOURCES CONNECTION INC	COM	76122Q105	373	22,522	SH	SOLE	1	22,522	0	0
RESTORBIO INC	COM	76133L103	33	4,905	SH	SOLE	1	4,905	0	0
RETAIL OPPORTUNITY INVESTMEN	REIT	76131N101	1,476	85,095	SH	SOLE	1	85,095	0	0
RETAIL PROPERTIES OF AME A	REIT	76131V202	47	3,838	SH	SOLE	1	3,838	0	0
RETAIL VALUE INC	REIT	76133Q102	9	274	SH	SOLE	1	274	0	0
RETROPHIN INC	COM	761299106	596	26,325	SH	SOLE	1	26,325	0	0
REV GROUP INC	COM	749527107	205	18,700	SH	SOLE	1	18,700	0	0
REVANCE THERAPEUTICS INC	COM	761330109	384	24,391	SH	SOLE	1	24,391	0	0
REVLON INC CLASS A	COM	761525609	101	5,189	SH	SOLE	1	5,189	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	342	4,246	SH	SOLE	1	4,246	0	0
REXFORD INDUSTRIAL REALTY IN	REIT	76169C100	2,108	58,863	SH	SOLE	1	58,863	0	0
REXNORD CORP	COM	76169B102	1,676	66,681	SH	SOLE	1	66,681	0	0
RGC RESOURCES INC	COM	74955L103	125	4,715	SH	SOLE	1	4,715	0	0
RH	COM	74967X103	1,475	14,324	SH	SOLE	1	14,324	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	266	9,707	SH	SOLE	1	9,707	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	177	34,400	SH	SOLE	1	34,400	0	0
RIGEL	COM	766559603	275	107,062	SH	SOLE	1	107,062	0	0

PHARMACEUTICALS INC										
RIGNET INC	COM	766582100	88	8,959	SH	SOLE	1	8,959	0	0
RIMINI STREET INC	COM	76674Q107	33	6,604	SH	SOLE	1	6,604	0	0
RING ENERGY INC	COM	76680V108	255	43,514	SH	SOLE	1	43,514	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	172	1,595	SH	SOLE	1	1,595	0	0
RITE AID CORP	COM	767754104	431	679,168	SH	SOLE	1	679,168	0	0
RIVERVIEW BANCORP INC	COM	769397100	99	13,526	SH	SOLE	1	13,526	0	0
RLI CORP	COM	749607107	2,126	29,633	SH	SOLE	1	29,633	0	0
RLJ LODGING TRUST	REIT	74965L101	1,949	110,924	SH	SOLE	1	110,924	0	0
RMR GROUP INC/THE A	COM	74967R106	274	4,492	SH	SOLE	1	4,492	0	0
ROBERT HALF INTL INC	COM	770323103	2,781	42,676	SH	SOLE	1	42,676	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	265	15,131	SH	SOLE	1	15,131	0	0
ROCKWELL AUTOMATION INC	COM	773903109	9,411	53,638	SH	SOLE	1	53,638	0	0
ROCKWELL MEDICAL INC	COM	774374102	172	30,298	SH	SOLE	1	30,298	0	0
ROCKY BRANDS INC	COM	774515100	104	4,357	SH	SOLE	1	4,357	0	0
ROGERS CORP	COM	775133101	2,205	13,881	SH	SOLE	1	13,881	0	0
ROKU INC	COM	77543R102	1,783	27,640	SH	SOLE	1	27,640	0	0
ROLLINS INC	COM	775711104	2,133	51,255	SH	SOLE	1	51,255	0	0
ROPER TECHNOLOGIES INC	COM	776696106	18,072	52,848	SH	SOLE	1	52,848	0	0
ROSEHILL RESOURCES INC	COM	777385105	5	1,557	SH	SOLE	1	1,557	0	0
ROSETTA STONE INC	COM	777780107	278	12,715	SH	SOLE	1	12,715	0	0
ROSS STORES INC	COM	778296103	16,170	173,688	SH	SOLE	1	173,688	0	0
ROWAN COMPANIES PLC A	COM	G7665A101	3,593	332,973	SH	SOLE	1	332,973	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	6,955	60,676	SH	SOLE	1	60,676	0	0
ROYAL GOLD INC	COM	780287108	11,896	130,830	SH	SOLE	1	130,830	0	0
RPC INC	COM	749660106	13	1,119	SH	SOLE	1	1,119	0	0
RPM INTERNATIONAL INC	COM	749685103	15,249	262,728	SH	SOLE	1	262,728	0	0
RPT REALTY	REIT	74971D101	721	60,051	SH	SOLE	1	60,051	0	0
RR DONNELLEY (PLUS) SONS CO	COM	257867200	252	53,350	SH	SOLE	1	53,350	0	0
RTI SURGICAL HDS INC	COM	74975N105	214	35,603	SH	SOLE	1	35,603	0	0
RTW RETAILWINDS INC	COM	74980D100	45	18,654	SH	SOLE	1	18,654	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	393	21,736	SH	SOLE	1	21,736	0	0
RUDOLPH TECHNOLOGIES INC	COM	781270103	541	23,735	SH	SOLE	1	23,735	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	116	2,805	SH	SOLE	1	2,805	0	0
RUSH ENTERPRISES INC CL A	COM	781846209	801	19,170	SH	SOLE	1	19,170	0	0
RUTH S HOSPITALITY GROUP INC	COM	783332109	556	21,746	SH	SOLE	1	21,746	0	0
RYDER SYSTEM INC	COM	783549108	6,566	105,927	SH	SOLE	1	105,927	0	0
RYERSON HOLDING CORP	COM	783754104	87	10,155	SH	SOLE	1	10,155	0	0
RYMAN HOSPITALITY PROPERTIES	REIT	78377T107	2,346	28,532	SH	SOLE	1	28,532	0	0
S (PLUS) T BANCORP INC	COM	783859101	1,029	26,037	SH	SOLE	1	26,037	0	0
S(PLUS)P GLOBAL INC	COM	78409V104	21,565	102,421	SH	SOLE	1	102,421	0	0
SABRA HEALTH CARE REIT INC	REIT	78573L106	9,074	466,046	SH	SOLE	1	466,046	0	0
SABRE CORP	COM	78573M104	11,778	550,627	SH	SOLE	1	550,627	0	0

SAFE BULKERS INC	COM	Y7388L103	47	32,432	SH	SOLE	1	32,432	0	0
SAFEGUARD SCIENTIFICS INC	COM	786449207	133	12,300	SH	SOLE	1	12,300	0	0
SAFEHOLD INC	REIT	78645L100	110	5,044	SH	SOLE	1	5,044	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	964	11,065	SH	SOLE	1	11,065	0	0
SAGA COMMUNICATIONS INC CL A	COM	786598300	81	2,433	SH	SOLE	1	2,433	0	0
SAGE THERAPEUTICS INC	COM	78667J108	169	1,060	SH	SOLE	1	1,060	0	0
SAIA INC	COM	78709Y105	1,185	19,395	SH	SOLE	1	19,395	0	0
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	1,279	44,540	SH	SOLE	1	44,540	0	0
SALESFORCE.COM INC	COM	79466L302	46,358	292,718	SH	SOLE	1	292,718	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	5,803	315,223	SH	SOLE	1	315,223	0	0
SANDERSON FARMS INC	COM	800013104	6,748	51,183	SH	SOLE	1	51,183	0	0
SANDRIDGE ENERGY INC	COM	80007P869	157	19,550	SH	SOLE	1	19,550	0	0
SANDY SPRING BANCORP INC	COM	800363103	691	22,098	SH	SOLE	1	22,098	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	617	64,672	SH	SOLE	1	64,672	0	0
SANMINA CORP	COM	801056102	1,480	51,304	SH	SOLE	1	51,304	0	0
SANTANDER CONSUMER USA HOLDI	COM	80283M101	45	2,112	SH	SOLE	1	2,112	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	185	1,550	SH	SOLE	1	1,550	0	0
SAUL CENTERS INC	REIT	804395101	457	8,889	SH	SOLE	1	8,889	0	0
SAVARA INC	COM	805111101	135	18,274	SH	SOLE	1	18,274	0	0
SB ONE BANCORP	COM	78413T103	99	4,558	SH	SOLE	1	4,558	0	0
SBA COMMUNICATIONS CORP	REIT	78410G104	9,556	47,863	SH	SOLE	1	47,863	0	0
SCANSOURCE INC	COM	806037107	684	19,094	SH	SOLE	1	19,094	0	0
SCHLUMBERGER LTD	COM	806857108	24,965	572,976	SH	SOLE	1	572,976	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	18	878	SH	SOLE	1	878	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	401	16,708	SH	SOLE	1	16,708	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	179	9,500	SH	SOLE	1	9,500	0	0
SCHOLASTIC CORP	COM	807066105	852	21,441	SH	SOLE	1	21,441	0	0
SCHWAB (CHARLES) CORP	COM	808513105	20,128	470,728	SH	SOLE	1	470,728	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	900	23,236	SH	SOLE	1	23,236	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	10,222	132,844	SH	SOLE	1	132,844	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	2,958	144,862	SH	SOLE	1	144,862	0	0
SCORPIO BULKERS INC	COM	Y7546A122	134	34,790	SH	SOLE	1	34,790	0	0
SCORPIO TANKERS INC	COM	Y7542C130	578	29,132	SH	SOLE	1	29,132	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	6,170	78,517	SH	SOLE	1	78,517	0	0
SCPHARMACEUTICALS INC	COM	810648105	13	4,338	SH	SOLE	1	4,338	0	0
SEABOARD CORP	COM	811543107	21	5	SH	SOLE	1	5	0	0
SEACOAST BANKING CORP/FL	COM	811707801	932	35,372	SH	SOLE	1	35,372	0	0
SEACOR HOLDINGS INC	COM	811904101	548	12,950	SH	SOLE	1	12,950	0	0
SEACOR MARINE HOLDINGS INC	COM	78413P101	140	10,532	SH	SOLE	1	10,532	0	0
SEAGATE TECHNOLOGY	COM	G7945M107	4,392	91,709	SH	SOLE	1	91,709	0	0

SEALED AIR CORP	COM	81211K100	2,746	59,616	SH	SOLE	1	59,616	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	142	9,444	SH	SOLE	1	9,444	0	0
SEATTLE GENETICS INC	COM	812578102	306	4,177	SH	SOLE	1	4,177	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	902	35,023	SH	SOLE	1	35,023	0	0
SECUREWORKS CORP A	COM	81374A105	101	5,477	SH	SOLE	1	5,477	0	0
SEI INVESTMENTS COMPANY	COM	784117103	13,721	262,600	SH	SOLE	1	262,600	0	0
SELECT BANCORP INC	COM	81617L108	112	9,878	SH	SOLE	1	9,878	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	352	29,277	SH	SOLE	1	29,277	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,154	81,902	SH	SOLE	1	81,902	0	0
SELECTA BIOSCIENCES INC	COM	816212104	52	21,814	SH	SOLE	1	21,814	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	2,782	43,970	SH	SOLE	1	43,970	0	0
SEMGROUP CORP CLASS A	COM	81663A105	744	50,465	SH	SOLE	1	50,465	0	0
SEMPRA ENERGY	COM	816851109	12,217	97,072	SH	SOLE	1	97,072	0	0
SEMTECH CORP	COM	816850101	2,508	49,268	SH	SOLE	1	49,268	0	0
SENECA FOODS CORP CL A	COM	817070501	131	5,315	SH	SOLE	1	5,315	0	0
SENIOR HOUSING PROP TRUST	REIT	81721M109	5,585	474,130	SH	SOLE	1	474,130	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	151	3,361	SH	SOLE	1	3,361	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	133	54,342	SH	SOLE	1	54,342	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	7,508	110,757	SH	SOLE	1	110,757	0	0
SERES THERAPEUTICS INC	COM	81750R102	90	13,131	SH	SOLE	1	13,131	0	0
SERITAGE GROWTH PROP A REIT	REIT	81752R100	926	20,836	SH	SOLE	1	20,836	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	14,534	361,999	SH	SOLE	1	361,999	0	0
SERVICEMASTER GLOBAL HOLDING	COM	81761R109	148	3,170	SH	SOLE	1	3,170	0	0
SERVICENOW INC	COM	81762P102	1,351	5,482	SH	SOLE	1	5,482	0	0
SERVICESOURCE INTERNATIONAL	COM	81763U100	46	50,286	SH	SOLE	1	50,286	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,185	35,092	SH	SOLE	1	35,092	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,111	18,789	SH	SOLE	1	18,789	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	1,321	29,776	SH	SOLE	1	29,776	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	11,572	26,867	SH	SOLE	1	26,867	0	0
SHILOH INDUSTRIES INC	COM	824543102	53	9,547	SH	SOLE	1	9,547	0	0
SHIP FINANCE INTL LTD	COM	G81075106	639	51,760	SH	SOLE	1	51,760	0	0
SHOE CARNIVAL INC	COM	824889109	260	7,644	SH	SOLE	1	7,644	0	0
SHORE BANCSHARES INC	COM	825107105	120	8,034	SH	SOLE	1	8,034	0	0
SHOTSPOTTER INC	COM	82536T107	181	4,678	SH	SOLE	1	4,678	0	0
SHUTTERFLY INC	COM	82568P304	1,031	25,363	SH	SOLE	1	25,363	0	0
SHUTTERSTOCK INC	COM	825690100	662	14,189	SH	SOLE	1	14,189	0	0
SI BONE INC	COM	825704109	101	5,387	SH	SOLE	1	5,387	0	0
SI FINANCIAL GROUP INC	COM	78425V104	91	7,073	SH	SOLE	1	7,073	0	0
SIEBERT FINANCIAL	COM	826176109	56	4,729	SH	SOLE	1	4,729	0	0

CORP										
SIENNA BIOPHARMACEUTICALS IN	COM	82622H108	23	10,026	SH	SOLE	1	10,026	0	0
SIENTRA INC	COM	82621J105	129	15,017	SH	SOLE	1	15,017	0	0
SIERRA BANCORP	COM	82620P102	219	8,994	SH	SOLE	1	8,994	0	0
SIGA TECHNOLOGIES INC	COM	826917106	202	33,639	SH	SOLE	1	33,639	0	0
SIGNATURE BANK	COM	82669G104	14,097	110,075	SH	SOLE	1	110,075	0	0
SIGNET JEWELERS LTD	COM	G81276100	3,687	135,756	SH	SOLE	1	135,756	0	0
SILGAN HOLDINGS INC	COM	827048109	4,573	154,337	SH	SOLE	1	154,337	0	0
SILICON LABORATORIES INC	COM	826919102	9,103	112,580	SH	SOLE	1	112,580	0	0
SILVERBOW RESOURCES INC	COM	82836G102	104	4,520	SH	SOLE	1	4,520	0	0
SILVERCREST ASSET MANAGEME A	COM	828359109	76	5,306	SH	SOLE	1	5,306	0	0
SIMMONS FIRST NATL CORP CL A	COM	828730200	1,680	68,617	SH	SOLE	1	68,617	0	0
SIMON PROPERTY GROUP INC	REIT	828806109	24,497	134,442	SH	SOLE	1	134,442	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	802	38,954	SH	SOLE	1	38,954	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	1,849	31,188	SH	SOLE	1	31,188	0	0
SIMULATIONS PLUS INC	COM	829214105	155	7,339	SH	SOLE	1	7,339	0	0
SINA CORP	COM	G81477104	57	965	SH	SOLE	1	965	0	0
SINCLAIR BROADCAST GROUP A	COM	829226109	1,659	43,118	SH	SOLE	1	43,118	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,714	302,228	SH	SOLE	1	302,228	0	0
SITE CENTERS CORP	REIT	82981J109	36	2,673	SH	SOLE	1	2,673	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	1,479	25,879	SH	SOLE	1	25,879	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	7,055	142,955	SH	SOLE	1	142,955	0	0
SJW GROUP	COM	784305104	935	15,151	SH	SOLE	1	15,151	0	0
SKECHERS USA INC CL A	COM	830566105	8,959	266,553	SH	SOLE	1	266,553	0	0
SKYLINE CHAMPION CORP	COM	830830105	405	21,300	SH	SOLE	1	21,300	0	0
SKYWEST INC	COM	830879102	2,095	38,581	SH	SOLE	1	38,581	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	6,535	79,233	SH	SOLE	1	79,233	0	0
SL GREEN REALTY CORP	REIT	78440X101	2,664	29,622	SH	SOLE	1	29,622	0	0
SLEEP NUMBER CORP	COM	83125X103	1,148	24,417	SH	SOLE	1	24,417	0	0
SLM CORP	COM	78442P106	8,634	871,211	SH	SOLE	1	871,211	0	0
SM ENERGY CO	COM	78454L100	3,605	206,103	SH	SOLE	1	206,103	0	0
SMART (PLUS) FINAL STORES INC	COM	83190B101	73	14,701	SH	SOLE	1	14,701	0	0
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	188	9,797	SH	SOLE	1	9,797	0	0
SMART SAND INC	COM	83191H107	63	14,190	SH	SOLE	1	14,190	0	0
SMARTFINANCIAL INC	COM	83190L208	137	7,248	SH	SOLE	1	7,248	0	0
SMITH (A.O.) CORP	COM	831865209	2,944	55,221	SH	SOLE	1	55,221	0	0
SNAP ON INC	COM	833034101	14,660	93,661	SH	SOLE	1	93,661	0	0
SOLAREdge TECHNOLOGIES INC	COM	83417M104	197	5,234	SH	SOLE	1	5,234	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	281	17,094	SH	SOLE	1	17,094	0	0
SOLARWINDS CORP	COM	83417Q105	9	473	SH	SOLE	1	473	0	0
SOLID BIOSCIENCES INC	COM	83422E105	72	7,772	SH	SOLE	1	7,772	0	0
SONIC AUTOMOTIVE INC	COM	83545G102	268	18,095	SH	SOLE	1	18,095	0	0

CLASS A										
SONOCO PRODUCTS CO	COM	835495102	12,260	199,256	SH	SOLE	1	199,256	0	0
SONOS INC	COM	83570H108	105	10,226	SH	SOLE	1	10,226	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	347	73,026	SH	SOLE	1	73,026	0	0
SOTHEBY S	COM	835898107	3,259	86,328	SH	SOLE	1	86,328	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	2,243	69,949	SH	SOLE	1	69,949	0	0
SOUTH STATE CORP	COM	840441109	1,552	22,703	SH	SOLE	1	22,703	0	0
SOUTHERN CO/THE	COM	842587107	17,997	348,236	SH	SOLE	1	348,236	0	0
SOUTHERN COPPER CORP	COM	84265V105	58	1,474	SH	SOLE	1	1,474	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	150	4,426	SH	SOLE	1	4,426	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	144	4,687	SH	SOLE	1	4,687	0	0
SOUTHERN NATL BANCORP OF VA	COM	843395104	183	12,463	SH	SOLE	1	12,463	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	801	24,119	SH	SOLE	1	24,119	0	0
SOUTHWEST AIRLINES CO	COM	844741108	10,405	200,447	SH	SOLE	1	200,447	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	11,409	138,696	SH	SOLE	1	138,696	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	6,783	1,446,336	SH	SOLE	1	1,446,336	0	0
SP PLUS CORP	COM	78469C103	493	14,437	SH	SOLE	1	14,437	0	0
SPARK ENERGY INC CLASS A	COM	846511103	66	7,354	SH	SOLE	1	7,354	0	0
SPARK THERAPEUTICS INC	COM	84652J103	2,284	20,057	SH	SOLE	1	20,057	0	0
SPARTAN MOTORS INC	COM	846819100	192	21,758	SH	SOLE	1	21,758	0	0
SPARTANNASH CO	COM	847215100	428	26,952	SH	SOLE	1	26,952	0	0
SPDR PORTFOLIO S(PLUS)P 500 GROWTH	ETF	78464A409	11,117	298,760	SH	SOLE	1	298,760	0	0
SPDR S(PLUS)P 500 ETF TRUST	ETF	78462F103	70,112	248,200	SH	SOLE	1	248,200	0	0
SPDR S(PLUS)P MIDCAP 400 ETF TRUST	ETF	78467Y107	1,554	4,500	SH	SOLE	1	4,500	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	45	826	SH	SOLE	1	826	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	820	76,733	SH	SOLE	1	76,733	0	0
SPEEDWAY MOTORSPORTS INC	COM	847788106	106	7,304	SH	SOLE	1	7,304	0	0
SPERO THERAPEUTICS INC	COM	84833T103	65	5,084	SH	SOLE	1	5,084	0	0
SPIRE INC	COM	84857L101	10,842	131,751	SH	SOLE	1	131,751	0	0
SPIRIT AEROSYSTEMS HOLD CL A	COM	848574109	227	2,475	SH	SOLE	1	2,475	0	0
SPIRIT AIRLINES INC	COM	848577102	2,314	43,773	SH	SOLE	1	43,773	0	0
SPIRIT MTA REIT	REIT	84861U105	178	27,452	SH	SOLE	1	27,452	0	0
SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	137	6,448	SH	SOLE	1	6,448	0	0
SPIRIT REALTY CAPITAL INC	REIT	84860W300	60	1,499	SH	SOLE	1	1,499	0	0
SPLUNK INC	COM	848637104	427	3,425	SH	SOLE	1	3,425	0	0
SPOK HOLDINGS INC	COM	84863T106	188	13,794	SH	SOLE	1	13,794	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	114	23,686	SH	SOLE	1	23,686	0	0
SPRING BANK PHARMACEUTICALS	COM	849431101	93	8,835	SH	SOLE	1	8,835	0	0
SPRINT CORP	COM	85207U105	65	11,544	SH	SOLE	1	11,544	0	0
SPROUTS FARMERS	COM	85208M102	5,349	248,323	SH	SOLE	1	248,323	0	0

MARKET INC										
SPS COMMERCE INC	COM	78463M107	1,384	13,046	SH	SOLE	1	13,046	0	0
SPX CORP	COM	784635104	1,134	32,587	SH	SOLE	1	32,587	0	0
SPX FLOW INC	COM	78469X107	1,018	31,901	SH	SOLE	1	31,901	0	0
SQUARE INC A	COM	852234103	674	8,994	SH	SOLE	1	8,994	0	0
SRC ENERGY INC	COM	78470V108	937	182,976	SH	SOLE	1	182,976	0	0
SS(PLUS)C TECHNOLOGIES HOLDINGS	COM	78467J100	301	4,733	SH	SOLE	1	4,733	0	0
ST JOE CO/THE	COM	790148100	367	22,241	SH	SOLE	1	22,241	0	0
STAAR SURGICAL CO	COM	852312305	958	28,033	SH	SOLE	1	28,033	0	0
STAG INDUSTRIAL INC	REIT	85254J102	1,851	62,422	SH	SOLE	1	62,422	0	0
STAMPS.COM INC	COM	852857200	1,071	13,156	SH	SOLE	1	13,156	0	0
STANDARD MOTOR PRODS	COM	853666105	782	15,923	SH	SOLE	1	15,923	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	697	9,497	SH	SOLE	1	9,497	0	0
STANLEY BLACK (PLUS) DECKER INC	COM	854502101	8,634	63,405	SH	SOLE	1	63,405	0	0
STARBUCKS CORP	COM	855244109	43,632	586,925	SH	SOLE	1	586,925	0	0
STARWOOD PROPERTY TRUST INC	REIT	85571B105	106	4,730	SH	SOLE	1	4,730	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	351	10,653	SH	SOLE	1	10,653	0	0
STATE STREET CORP	COM	857477103	9,919	150,723	SH	SOLE	1	150,723	0	0
STEEL DYNAMICS INC	COM	858119100	16,151	457,935	SH	SOLE	1	457,935	0	0
STEEL PARTNERS HLDGS LTD	PRTRSHIP U	85814R107	9,233	667,641	SH	SOLE	2	667,641	0	0
STEELCASE INC CL A	COM	858155203	796	54,711	SH	SOLE	1	54,711	0	0
STEMLINE THERAPEUTICS INC	COM	85858C107	313	24,385	SH	SOLE	1	24,385	0	0
STEPAN CO	COM	858586100	1,340	15,314	SH	SOLE	1	15,314	0	0
STERICYCLE INC	COM	858912108	9,252	170,017	SH	SOLE	1	170,017	0	0
STERIS PLC	COM	G8473T100	21,599	168,702	SH	SOLE	1	168,702	0	0
STERLING BANCORP INC/MI	COM	85917W102	142	13,957	SH	SOLE	1	13,957	0	0
STERLING BANCORP/DE	COM	85917A100	9,032	484,806	SH	SOLE	1	484,806	0	0
STERLING CONSTRUCTION CO	COM	859241101	213	17,007	SH	SOLE	1	17,007	0	0
STEVEN MADDEN LTD	COM	556269108	2,192	64,776	SH	SOLE	1	64,776	0	0
STEWART INFORMATION SERVICES	COM	860372101	757	17,721	SH	SOLE	1	17,721	0	0
STIFEL FINANCIAL CORP	COM	860630102	9,833	186,374	SH	SOLE	1	186,374	0	0
STOCK YARDS BANCORP INC	COM	861025104	465	13,739	SH	SOLE	1	13,739	0	0
STONERIDGE INC	COM	86183P102	506	17,522	SH	SOLE	1	17,522	0	0
STORE CAPITAL CORP	REIT	862121100	113	3,378	SH	SOLE	1	3,378	0	0
STRATASYS LTD	COM	M85548101	770	32,313	SH	SOLE	1	32,313	0	0
STRATEGIC EDUCATION INC	COM	86272C103	2,087	15,890	SH	SOLE	1	15,890	0	0
STRATUS PROPERTIES INC	COM	863167201	99	3,743	SH	SOLE	1	3,743	0	0
STRYKER CORP	COM	863667101	24,654	124,817	SH	SOLE	1	124,817	0	0
STURM RUGER (PLUS) CO INC	COM	864159108	677	12,778	SH	SOLE	1	12,778	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	190	7,159	SH	SOLE	1	7,159	0	0
SUMMIT HOTEL PROPERTIES INC	REIT	866082100	894	78,312	SH	SOLE	1	78,312	0	0
SUMMIT MATERIALS INC CL A	COM	86614U100	1,135	71,523	SH	SOLE	1	71,523	0	0
SUN COMMUNITIES INC	REIT	866674104	176	1,482	SH	SOLE	1	1,482	0	0



SUN HYDRAULICS CORP	COM	866942105	858	18,446	SH	SOLE	1	18,446	0	0
SUNCOKE ENERGY INC	COM	86722A103	417	49,076	SH	SOLE	1	49,076	0	0
SUNPOWER CORP	COM	867652406	256	39,290	SH	SOLE	1	39,290	0	0
SUNRUN INC	COM	86771W105	867	61,651	SH	SOLE	1	61,651	0	0
SUNSTONE HOTEL INVESTORS INC	REIT	867892101	2,096	145,578	SH	SOLE	1	145,578	0	0
SUNTRUST BANKS INC	COM	867914103	12,189	205,723	SH	SOLE	1	205,723	0	0
SUPERIOR ENERGY SERVICES INC	COM	868157108	543	116,202	SH	SOLE	1	116,202	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	96	5,775	SH	SOLE	1	5,775	0	0
SUPERIOR INDUSTRIES INTL	COM	868168105	88	18,388	SH	SOLE	1	18,388	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	1,310	37,393	SH	SOLE	1	37,393	0	0
SURFACE ONCOLOGY INC	COM	86877M209	34	7,208	SH	SOLE	1	7,208	0	0
SURGERY PARTNERS INC	COM	86881A100	134	11,870	SH	SOLE	1	11,870	0	0
SURMODICS INC	COM	868873100	435	9,998	SH	SOLE	1	9,998	0	0
SUTRO BIOPHARMA INC	COM	869367102	46	4,076	SH	SOLE	1	4,076	0	0
SVB FINANCIAL GROUP	COM	78486Q101	5,169	23,246	SH	SOLE	1	23,246	0	0
SVMK INC	COM	78489X103	205	11,264	SH	SOLE	1	11,264	0	0
SWITCH INC A	COM	87105L104	9	834	SH	SOLE	1	834	0	0
SYKES ENTERPRISES INC	COM	871237103	846	29,910	SH	SOLE	1	29,910	0	0
SYMANTEC CORP	COM	871503108	6,096	265,141	SH	SOLE	1	265,141	0	0
SYNALLOY CORP	COM	871565107	81	5,341	SH	SOLE	1	5,341	0	0
SYNAPTICS INC	COM	87157D109	3,583	90,132	SH	SOLE	1	90,132	0	0
SYNCHRONY FINANCIAL	COM	87165B103	7,822	245,194	SH	SOLE	1	245,194	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	50	9,503	SH	SOLE	1	9,503	0	0
SYNEOS HEALTH INC	COM	87166B102	8,280	159,960	SH	SOLE	1	159,960	0	0
SYNOLOGIC INC	COM	87166L100	75	9,823	SH	SOLE	1	9,823	0	0
SYNNEX CORP	COM	87162W100	10,353	108,538	SH	SOLE	1	108,538	0	0
SYNOPSYS INC	COM	871607107	7,040	61,139	SH	SOLE	1	61,139	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	10,918	317,740	SH	SOLE	1	317,740	0	0
SYNTHORX INC	COM	87167A103	95	4,664	SH	SOLE	1	4,664	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	147	16,132	SH	SOLE	1	16,132	0	0
SYSCO CORP	COM	871829107	10,380	155,488	SH	SOLE	1	155,488	0	0
SYSTEMAX INC	COM	871851101	176	7,795	SH	SOLE	1	7,795	0	0
T MOBILE US INC	COM	872590104	3,562	51,553	SH	SOLE	1	51,553	0	0
T ROWE PRICE GROUP INC	COM	74144T108	14,027	140,105	SH	SOLE	1	140,105	0	0
T2 BIOSYSTEMS INC	COM	89853L104	52	19,807	SH	SOLE	1	19,807	0	0
TABLEAU SOFTWARE INC CL A	COM	87336U105	212	1,668	SH	SOLE	1	1,668	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	754	13,357	SH	SOLE	1	13,357	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	697	13,220	SH	SOLE	1	13,220	0	0
TAILORED BRANDS INC	COM	87403A107	295	37,586	SH	SOLE	1	37,586	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	4,394	46,561	SH	SOLE	1	46,561	0	0
TAKEDA PHARMACEUTIC SP ADR	ADR	874060205	910	44,656	SH	SOLE	1	44,656	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	201	5,563	SH	SOLE	1	5,563	0	0
TALOS ENERGY INC	COM	87484T108	341	12,850	SH	SOLE	1	12,850	0	0
TANDEM DIABETES CARE INC	COM	875372203	2,065	32,517	SH	SOLE	1	32,517	0	0

TANGER FACTORY OUTLET CENTER	REIT	875465106	5,126	244,349	SH	SOLE	1	244,349	0	0
TAPESTRY INC	COM	876030107	4,284	131,841	SH	SOLE	1	131,841	0	0
TARGA RESOURCES CORP	COM	87612G101	376	9,055	SH	SOLE	1	9,055	0	0
TARGET CORP	COM	87612E106	14,098	175,650	SH	SOLE	1	175,650	0	0
TATA MOTORS LTD SPON ADR	ADR	876568502	44	3,514	SH	SOLE	1	3,514	0	0
TAUBMAN CENTERS INC	REIT	876664103	6,463	122,226	SH	SOLE	1	122,226	0	0
TAYLOR MORRISON HOME CORP A	COM	87724P106	1,307	73,619	SH	SOLE	1	73,619	0	0
TCF FINANCIAL CORP	COM	872275102	6,767	327,088	SH	SOLE	1	327,088	0	0
TD AMERITRADE HOLDING CORP	COM	87236Y108	418	8,363	SH	SOLE	1	8,363	0	0
TE CONNECTIVITY LTD	COM	H84989104	9,592	118,792	SH	SOLE	1	118,792	0	0
TEAM INC	COM	878155100	392	22,415	SH	SOLE	1	22,415	0	0
TECH DATA CORP	COM	878237106	9,990	97,545	SH	SOLE	1	97,545	0	0
TECHNIPFMC PLC	COM	G87110105	3,999	170,018	SH	SOLE	1	170,018	0	0
TECHTARGET	COM	87874R100	255	15,683	SH	SOLE	1	15,683	0	0
TEEKAY CORP	COM	Y8564W103	171	43,699	SH	SOLE	1	43,699	0	0
TEEKAY TANKERS LTD CLASS A	COM	Y8565N102	118	121,912	SH	SOLE	1	121,912	0	0
TEGNA INC	COM	87901J105	7,966	564,957	SH	SOLE	1	564,957	0	0
TEJON RANCH CO	COM	879080109	236	13,416	SH	SOLE	1	13,416	0	0
TELADOC HEALTH INC	COM	87918A105	2,376	42,738	SH	SOLE	1	42,738	0	0
TELARIA INC	COM	879181105	175	27,607	SH	SOLE	1	27,607	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	17,114	72,207	SH	SOLE	1	72,207	0	0
TELEFLEX INC	COM	879369106	4,773	15,797	SH	SOLE	1	15,797	0	0
TELENAV INC	COM	879455103	122	20,101	SH	SOLE	1	20,101	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	5,749	187,069	SH	SOLE	1	187,069	0	0
TELIGENT INC	COM	87960W104	30	26,229	SH	SOLE	1	26,229	0	0
TELLURIAN INC	COM	87968A104	608	54,298	SH	SOLE	1	54,298	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	5,296	91,826	SH	SOLE	1	91,826	0	0
TENABLE HOLDINGS INC	COM	88025T102	602	19,002	SH	SOLE	1	19,002	0	0
TENET HEALTHCARE CORP	COM	88033G407	6,281	217,796	SH	SOLE	1	217,796	0	0
TENNANT CO	COM	880345103	840	13,522	SH	SOLE	1	13,522	0	0
TENNECO INC CLASS A	COM	880349105	719	32,443	SH	SOLE	1	32,443	0	0
TERADATA CORP	COM	88076W103	10,236	234,492	SH	SOLE	1	234,492	0	0
TERADYNE INC	COM	880770102	13,809	346,599	SH	SOLE	1	346,599	0	0
TEREX CORP	COM	880779103	3,974	123,674	SH	SOLE	1	123,674	0	0
TERRAFORM POWER INC A	COM	88104R209	641	46,649	SH	SOLE	1	46,649	0	0
TERRENO REALTY CORP	REIT	88146M101	1,611	38,317	SH	SOLE	1	38,317	0	0
TERRITORIAL BANCORP INC	COM	88145X108	134	4,963	SH	SOLE	1	4,963	0	0
TESLA INC	COM	88160R101	2,931	10,473	SH	SOLE	1	10,473	0	0
TETRA TECH INC	COM	88162G103	2,495	41,863	SH	SOLE	1	41,863	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	216	92,458	SH	SOLE	1	92,458	0	0
TETRAPHASE PHARMACEUTICALS I	COM	88165N105	46	34,166	SH	SOLE	1	34,166	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,680	107,121	SH	SOLE	1	107,121	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	5,480	100,381	SH	SOLE	1	100,381	0	0
TEXAS INSTRUMENTS	COM	882508104	436,871	4,118,700	SH	SOLE	1	4,118,700	0	0

INC										
TEXAS ROADHOUSE INC	COM	882681109	10,888	175,069	SH	SOLE	1	175,069	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	168	17,389	SH	SOLE	1	17,389	0	0
TEXTRON INC	COM	883203101	4,231	83,516	SH	SOLE	1	83,516	0	0
TFS FINANCIAL CORP	COM	87240R107	14	868	SH	SOLE	1	868	0	0
TG THERAPEUTICS INC	COM	88322Q108	322	40,051	SH	SOLE	1	40,051	0	0
THE BANK OF PRINCETON	COM	064520109	117	3,684	SH	SOLE	1	3,684	0	0
THERAPEUTICSMD INC	COM	88338N107	573	117,724	SH	SOLE	1	117,724	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	626	27,603	SH	SOLE	1	27,603	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	45,545	166,391	SH	SOLE	1	166,391	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	507	20,666	SH	SOLE	1	20,666	0	0
THIRD POINT REINSURANCE LTD	COM	G8827U100	582	56,117	SH	SOLE	1	56,117	0	0
THOR INDUSTRIES INC	COM	885160101	6,890	110,467	SH	SOLE	1	110,467	0	0
TIDEWATER INC	COM	88642R109	441	19,014	SH	SOLE	1	19,014	0	0
TIDEWATER INC NEW	COM	88642R109	54,293	2,341,223	SH	SOLE	2	2,341,223	0	0
TIER REIT INC	REIT	88650V208	981	34,213	SH	SOLE	1	34,213	0	0
TIFFANY (PLUS) CO	COM	886547108	4,629	43,855	SH	SOLE	1	43,855	0	0
TILE SHOP HLDGS INC	COM	88677Q109	171	30,257	SH	SOLE	1	30,257	0	0
TILLY S INC CLASS A SHRS	COM	886885102	146	13,082	SH	SOLE	1	13,082	0	0
TIMBERLAND BANCORP INC	COM	887098101	131	4,678	SH	SOLE	1	4,678	0	0
TIMKEN CO	COM	887389104	5,933	136,019	SH	SOLE	1	136,019	0	0
TIMKENSTEEL CORP	COM	887399103	327	30,136	SH	SOLE	1	30,136	0	0
TIPTREE INC	COM	88822Q103	107	16,925	SH	SOLE	1	16,925	0	0
TITAN INTERNATIONAL INC	COM	88830M102	227	37,970	SH	SOLE	1	37,970	0	0
TITAN MACHINERY INC	COM	88830R101	187	12,021	SH	SOLE	1	12,021	0	0
TIVITY HEALTH INC	COM	88870R102	629	35,846	SH	SOLE	1	35,846	0	0
TIVO CORP	COM	88870P106	855	91,730	SH	SOLE	1	91,730	0	0
TJX COMPANIES INC	COM	872540109	25,919	487,104	SH	SOLE	1	487,104	0	0
TOCAGEN INC	COM	888846102	142	13,103	SH	SOLE	1	13,103	0	0
TOLL BROTHERS INC	COM	889478103	9,705	268,086	SH	SOLE	1	268,086	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	826	10,864	SH	SOLE	1	10,864	0	0
TOOTSIE ROLL INDS	COM	890516107	1,803	48,421	SH	SOLE	1	48,421	0	0
TOPBUILD CORP	COM	89055F103	1,732	26,718	SH	SOLE	1	26,718	0	0
TORCHMARK CORP	COM	891027104	3,546	43,276	SH	SOLE	1	43,276	0	0
TORO CO	COM	891092108	14,611	212,239	SH	SOLE	1	212,239	0	0
TOTAL SYSTEM SERVICES INC	COM	891906109	5,643	59,396	SH	SOLE	1	59,396	0	0
TOWER INTERNATIONAL INC	COM	891826109	266	12,645	SH	SOLE	1	12,645	0	0
TOWN SPORTS INTERNATIONAL	COM	89214A102	44	9,238	SH	SOLE	1	9,238	0	0
TOWNE BANK	COM	89214P109	1,040	42,032	SH	SOLE	1	42,032	0	0
TPG RE FINANCE TRUST INC	REIT	87266M107	439	22,419	SH	SOLE	1	22,419	0	0
TPI COMPOSITES INC	COM	87266J104	269	9,400	SH	SOLE	1	9,400	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	4,313	44,115	SH	SOLE	1	44,115	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	4,207	21,251	SH	SOLE	1	21,251	0	0
TRANSCONTINENTAL REALTY INV	REIT	893617209	33	1,067	SH	SOLE	1	1,067	0	0
TRANSDIGM GROUP INC	COM	893641100	16,457	36,250	SH	SOLE	1	36,250	0	0

TRANSENTERIX INC	COM	89366M201	251	105,379	SH	SOLE	1	105,379	0	0
TRANSLATE BIO INC	COM	89374L104	192	18,836	SH	SOLE	1	18,836	0	0
TRANSOCEAN LTD	COM	H8817H100	8,799	1,010,195	SH	SOLE	1	1,010,195	0	0
TRANSUNION	COM	89400J107	287	4,298	SH	SOLE	1	4,298	0	0
TRAVELERS COS INC/THE	COM	89417E109	19,507	142,220	SH	SOLE	1	142,220	0	0
TRAVELPORT WORLDWIDE LTD	COM	G9019D104	1,502	95,512	SH	SOLE	1	95,512	0	0
TRAVELZOO	COM	89421Q205	40	2,969	SH	SOLE	1	2,969	0	0
TRECORA RESOURCES	COM	894648104	120	13,222	SH	SOLE	1	13,222	0	0
TREDEGAR CORP	COM	894650100	315	19,515	SH	SOLE	1	19,515	0	0
TREEHOUSE FOODS INC	COM	89469A104	7,207	111,649	SH	SOLE	1	111,649	0	0
TREX COMPANY INC	COM	89531P105	9,479	154,087	SH	SOLE	1	154,087	0	0
TRI POINTE GROUP INC	COM	87265H109	4,683	370,472	SH	SOLE	1	370,472	0	0
TRIBUNE MEDIA CO A	COM	896047503	71	1,534	SH	SOLE	1	1,534	0	0
TRIBUNE PUBLISHING CO	COM	89609W107	130	10,989	SH	SOLE	1	10,989	0	0
TRICIDA INC	COM	89610F101	441	11,416	SH	SOLE	1	11,416	0	0
TRICO BANCSHARES	COM	896095106	639	16,275	SH	SOLE	1	16,275	0	0
TRIMAS CORP	COM	896215209	884	29,234	SH	SOLE	1	29,234	0	0
TRIMBLE INC	COM	896239100	20,266	501,631	SH	SOLE	1	501,631	0	0
TRINET GROUP INC	COM	896288107	1,662	27,820	SH	SOLE	1	27,820	0	0
TRINITY INDUSTRIES INC	COM	896522109	5,785	266,208	SH	SOLE	1	266,208	0	0
TRINITY PLACE HOLDINGS INC	COM	89656D101	45	11,188	SH	SOLE	1	11,188	0	0
TRINSEO SA	COM	L9340P101	1,238	27,328	SH	SOLE	1	27,328	0	0
TRIPADVISOR INC	COM	896945201	2,794	54,299	SH	SOLE	1	54,299	0	0
TRIPLE S MANAGEMENT CORP B	COM	896749108	316	13,866	SH	SOLE	1	13,866	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	320	15,646	SH	SOLE	1	15,646	0	0
TRITON INTERNATIONAL LTD/BER	COM	G9078F107	1,025	32,950	SH	SOLE	1	32,950	0	0
TRIUMPH BANCORP INC	COM	89679E300	547	18,605	SH	SOLE	1	18,605	0	0
TRIUMPH GROUP INC	COM	896818101	705	36,965	SH	SOLE	1	36,965	0	0
TRONOX HOLDINGS PLC CLASS A	COM	G9087Q102	785	59,718	SH	SOLE	1	59,718	0	0
TRUEBLUE INC	COM	89785X101	719	30,409	SH	SOLE	1	30,409	0	0
TRUECAR INC	COM	89785L107	399	60,108	SH	SOLE	1	60,108	0	0
TRUPANION INC	COM	898202106	537	16,388	SH	SOLE	1	16,388	0	0
TRUSTCO BANK CORP NY	COM	898349105	552	71,113	SH	SOLE	1	71,113	0	0
TRUSTMARK CORP	COM	898402102	5,738	170,625	SH	SOLE	1	170,625	0	0
TTEC HOLDINGS INC	COM	89854H102	386	10,658	SH	SOLE	1	10,658	0	0
TTM TECHNOLOGIES	COM	87305R109	830	70,786	SH	SOLE	1	70,786	0	0
TUCOWS INC CLASS A	COM	898697206	493	6,067	SH	SOLE	1	6,067	0	0
TUPPERWARE BRANDS CORP	COM	899896104	3,257	127,320	SH	SOLE	1	127,320	0	0
TURNING POINT BRANDS INC	COM	90041L105	236	5,126	SH	SOLE	1	5,126	0	0
TURTLE BEACH CORP	COM	900450206	59	5,215	SH	SOLE	1	5,215	0	0
TUTOR PERINI CORP	COM	901109108	409	23,870	SH	SOLE	1	23,870	0	0
TWILIO INC A	COM	90138F102	265	2,055	SH	SOLE	1	2,055	0	0
TWIN DISC INC	COM	901476101	102	6,114	SH	SOLE	1	6,114	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	78	3,380	SH	SOLE	1	3,380	0	0
TWITTER INC	COM	90184L102	9,428	286,746	SH	SOLE	1	286,746	0	0
TWO HARBORS INVESTMENT CORP	REIT	90187B408	58	4,303	SH	SOLE	1	4,303	0	0

TYLER TECHNOLOGIES INC	COM	902252105	15,657	76,600	SH	SOLE	1	76,600	0	0
TYME TECHNOLOGIES INC	COM	90238J103	117	66,302	SH	SOLE	1	66,302	0	0
TYSON FOODS INC CL A	COM	902494103	23,164	333,624	SH	SOLE	1	333,624	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	992	9,446	SH	SOLE	1	9,446	0	0
UBIQUITI NETWORKS INC	COM	90347A100	53	351	SH	SOLE	1	351	0	0
UDR INC	REIT	902653104	4,347	95,629	SH	SOLE	1	95,629	0	0
UFP TECHNOLOGIES INC	COM	902673102	158	4,224	SH	SOLE	1	4,224	0	0
UGI CORP	COM	902681105	19,537	352,524	SH	SOLE	1	352,524	0	0
ULTA BEAUTY INC	COM	90384S303	9,078	26,033	SH	SOLE	1	26,033	0	0
ULTIMATE SOFTWARE GROUP INC	COM	90385D107	20,911	63,343	SH	SOLE	1	63,343	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	301	29,110	SH	SOLE	1	29,110	0	0
ULTRA PETROLEUM CORP	COM	903914208	62	101,541	SH	SOLE	1	101,541	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	2,325	33,524	SH	SOLE	1	33,524	0	0
UMB FINANCIAL CORP	COM	902788108	7,441	116,198	SH	SOLE	1	116,198	0	0
UMH PROPERTIES INC	REIT	903002103	303	21,532	SH	SOLE	1	21,532	0	0
UMPQUA HOLDINGS CORP	COM	904214103	7,252	439,501	SH	SOLE	1	439,501	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	1,392	65,845	SH	SOLE	1	65,845	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	1,274	67,510	SH	SOLE	1	67,510	0	0
UNIFI INC	COM	904677200	226	11,675	SH	SOLE	1	11,675	0	0
UNIFIRST CORP/MA	COM	904708104	1,773	11,550	SH	SOLE	1	11,550	0	0
UNION BANKSHARES CORP	COM	90539J109	1,588	49,133	SH	SOLE	1	49,133	0	0
UNION BANKSHARES INC /VT	COM	905400107	112	2,483	SH	SOLE	1	2,483	0	0
UNION PACIFIC CORP	COM	907818108	39,255	234,778	SH	SOLE	1	234,778	0	0
UNISYS CORP	COM	909214306	446	38,203	SH	SOLE	1	38,203	0	0
UNIT CORP	COM	909218109	567	39,788	SH	SOLE	1	39,788	0	0
UNITED BANKSHARES INC	COM	909907107	9,593	264,701	SH	SOLE	1	264,701	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,480	59,364	SH	SOLE	1	59,364	0	0
UNITED COMMUNITY FINANCIAL	COM	909839102	285	30,442	SH	SOLE	1	30,442	0	0
UNITED CONTINENTAL HOLDINGS	COM	910047109	8,511	106,680	SH	SOLE	1	106,680	0	0
UNITED FINANCIAL BANCORP INC	COM	910304104	464	32,346	SH	SOLE	1	32,346	0	0
UNITED FIRE GROUP INC	COM	910340108	696	15,931	SH	SOLE	1	15,931	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	249	15,639	SH	SOLE	1	15,639	0	0
UNITED NATURAL FOODS INC	COM	911163103	513	38,777	SH	SOLE	1	38,777	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	30,256	270,767	SH	SOLE	1	270,767	0	0
UNITED RENTALS INC	COM	911363109	3,531	30,909	SH	SOLE	1	30,909	0	0
UNITED SECURITY BANCSHARE/CA	COM	911460103	89	8,368	SH	SOLE	1	8,368	0	0
UNITED STATES LIME (PLUS) MINERAL	COM	911922102	98	1,274	SH	SOLE	1	1,274	0	0
UNITED STATES STEEL CORP	COM	912909108	6,735	345,562	SH	SOLE	1	345,562	0	0
UNITED TECHNOLOGIES CORP	COM	913017109	48,763	378,330	SH	SOLE	1	378,330	0	0

UNITED THERAPEUTICS CORP	COM	91307C102	10,387	88,499	SH	SOLE	1	88,499	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	79,861	322,983	SH	SOLE	1	322,983	0	0
UNITI GROUP INC	REIT	91325V108	3,992	356,746	SH	SOLE	1	356,746	0	0
UNITIL CORP	COM	913259107	503	9,286	SH	SOLE	1	9,286	0	0
UNITY BANCORP INC	COM	913290102	93	4,926	SH	SOLE	1	4,926	0	0
UNITY BIOTECHNOLOGY INC	COM	91381U101	129	15,871	SH	SOLE	1	15,871	0	0
UNIVAR INC	COM	91336L107	189	8,536	SH	SOLE	1	8,536	0	0
UNIVERSAL CORP/VA	COM	913456109	1,078	18,699	SH	SOLE	1	18,699	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	12,965	84,819	SH	SOLE	1	84,819	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	380	10,219	SH	SOLE	1	10,219	0	0
UNIVERSAL FOREST PRODUCTS	COM	913543104	1,358	45,422	SH	SOLE	1	45,422	0	0
UNIVERSAL HEALTH RLTY INCOME	REIT	91359E105	732	9,666	SH	SOLE	1	9,666	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	3,884	29,036	SH	SOLE	1	29,036	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	743	23,963	SH	SOLE	1	23,963	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	104	5,302	SH	SOLE	1	5,302	0	0
UNIVERSAL STAINLESS (PLUS) ALLOY	COM	913837100	89	5,350	SH	SOLE	1	5,350	0	0
UNIVEST FINANCIAL CORP	COM	915271100	450	18,394	SH	SOLE	1	18,394	0	0
UNUM GROUP	COM	91529Y106	2,568	75,915	SH	SOLE	1	75,915	0	0
UNUM THERAPEUTICS INC	COM	903214104	54	12,290	SH	SOLE	1	12,290	0	0
UPLAND SOFTWARE INC	COM	91544A109	425	10,029	SH	SOLE	1	10,029	0	0
UPWORK INC	COM	91688F104	154	8,030	SH	SOLE	1	8,030	0	0
URANIUM ENERGY CORP	COM	916896103	156	111,088	SH	SOLE	1	111,088	0	0
URBAN EDGE PROPERTIES	REIT	91704F104	5,621	295,830	SH	SOLE	1	295,830	0	0
URBAN OUTFITTERS INC	COM	917047102	4,467	150,696	SH	SOLE	1	150,696	0	0
URSTADT BIDDLE CLASS A	REIT	917286205	462	22,383	SH	SOLE	1	22,383	0	0
US BANCORP	COM	902973304	32,410	672,551	SH	SOLE	1	672,551	0	0
US CELLULAR CORP	COM	911684108	10	227	SH	SOLE	1	227	0	0
US CONCRETE INC	COM	90333L201	502	12,123	SH	SOLE	1	12,123	0	0
US ECOLOGY INC	COM	91732J102	928	16,576	SH	SOLE	1	16,576	0	0
US FOODS HOLDING CORP	COM	912008109	134	3,848	SH	SOLE	1	3,848	0	0
US SILICA HOLDINGS INC	COM	90346E103	1,017	58,572	SH	SOLE	1	58,572	0	0
US XPRESS ENTERPRISES INC A	COM	90338N202	96	14,465	SH	SOLE	1	14,465	0	0
USA TECHNOLOGIES INC	COM	90328S500	151	36,341	SH	SOLE	1	36,341	0	0
USA TRUCK INC	COM	902925106	73	5,049	SH	SOLE	1	5,049	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	678	8,079	SH	SOLE	1	8,079	0	0
USG CORP	COM	903293405	62	1,428	SH	SOLE	1	1,428	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	193	2,191	SH	SOLE	1	2,191	0	0
VAIL RESORTS INC	COM	91879Q109	500	2,299	SH	SOLE	1	2,299	0	0
VALERO ENERGY CORP	COM	91913Y100	15,508	182,807	SH	SOLE	1	182,807	0	0
VALHI INC	COM	918905100	37	16,109	SH	SOLE	1	16,109	0	0
VALLEY NATIONAL BANCORP	COM	919794107	8,260	862,227	SH	SOLE	1	862,227	0	0

VALMONT INDUSTRIES	COM	920253101	5,694	43,769	SH	SOLE	1	43,769	0	0
VALUE LINE INC	COM	920437100	17	690	SH	SOLE	1	690	0	0
VALVOLINE INC	COM	92047W101	6,968	375,440	SH	SOLE	1	375,440	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	717	38,949	SH	SOLE	1	38,949	0	0
VAPOTHERM INC	COM	922107107	58	2,961	SH	SOLE	1	2,961	0	0
VAREX IMAGING CORP	COM	92214X106	977	28,837	SH	SOLE	1	28,837	0	0
VARIAN MEDICAL SYSTEMS INC	COM	92220P105	4,927	34,766	SH	SOLE	1	34,766	0	0
VARONIS SYSTEMS INC	COM	922280102	1,074	18,005	SH	SOLE	1	18,005	0	0
VECTOR GROUP LTD	COM	92240M108	705	65,325	SH	SOLE	1	65,325	0	0
VECTRUS INC	COM	92242T101	189	7,112	SH	SOLE	1	7,112	0	0
VEDANTA LTD ADR	ADR	92242Y100	38	3,558	SH	SOLE	1	3,558	0	0
VEECO INSTRUMENTS INC	COM	922417100	389	35,927	SH	SOLE	1	35,927	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	518	4,085	SH	SOLE	1	4,085	0	0
VENTAS INC	REIT	92276F100	9,258	145,081	SH	SOLE	1	145,081	0	0
VERA BRADLEY INC	COM	92335C106	219	16,560	SH	SOLE	1	16,560	0	0
VERACYTE INC	COM	92337F107	451	18,042	SH	SOLE	1	18,042	0	0
VERASTEM INC	COM	92337C104	130	43,817	SH	SOLE	1	43,817	0	0
VEREIT INC	REIT	92339V100	142	16,991	SH	SOLE	1	16,991	0	0
VERICEL CORP	COM	92346J108	487	27,798	SH	SOLE	1	27,798	0	0
VERINT SYSTEMS INC	COM	92343X100	2,465	41,179	SH	SOLE	1	41,179	0	0
VERISIGN INC	COM	92343E102	10,322	56,851	SH	SOLE	1	56,851	0	0
VERISK ANALYTICS INC	COM	92345Y106	9,937	74,712	SH	SOLE	1	74,712	0	0
VERITEX HOLDINGS INC	COM	923451108	811	33,482	SH	SOLE	1	33,482	0	0
VERITIV CORP	COM	923454102	233	8,836	SH	SOLE	1	8,836	0	0
VERITONE INC	COM	92347M100	28	5,414	SH	SOLE	1	5,414	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	483,871	8,183,180	SH	SOLE	1	8,183,180	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	74	6,861	SH	SOLE	1	6,861	0	0
VERSO CORP A	COM	92531L207	471	21,989	SH	SOLE	1	21,989	0	0
VERSUM MATERIALS INC	COM	92532W103	10,981	218,258	SH	SOLE	1	218,258	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	21,390	116,279	SH	SOLE	1	116,279	0	0
VF CORP	COM	918204108	9,776	112,485	SH	SOLE	1	112,485	0	0
VIACOM INC CLASS A	COM	92553P102	6	176	SH	SOLE	1	176	0	0
VIACOM INC CLASS B	COM	92553P201	4,120	146,763	SH	SOLE	1	146,763	0	0
VIAD CORP	COM	92552R406	865	15,361	SH	SOLE	1	15,361	0	0
VIASAT INC	COM	92552V100	11,448	147,716	SH	SOLE	1	147,716	0	0
VIAVI SOLUTIONS INC	COM	925550105	2,128	171,884	SH	SOLE	1	171,884	0	0
VICI PROPERTIES INC	REIT	925652109	155	7,069	SH	SOLE	1	7,069	0	0
VICOR CORP	COM	925815102	405	13,049	SH	SOLE	1	13,049	0	0
VIEWRAY INC	COM	92672L107	298	40,269	SH	SOLE	1	40,269	0	0
VIKING THERAPEUTICS INC	COM	92686J106	387	38,958	SH	SOLE	1	38,958	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	143	5,241	SH	SOLE	1	5,241	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	56	6,933	SH	SOLE	1	6,933	0	0
VIRNETX HOLDING CORP	COM	92823T108	237	37,391	SH	SOLE	1	37,391	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	22	912	SH	SOLE	1	912	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	499	5,112	SH	SOLE	1	5,112	0	0
VIRTUSA CORP	COM	92827P102	1,142	21,375	SH	SOLE	1	21,375	0	0
VISA INC CLASS A	COM	92826C839	108,143	692,379	SH	SOLE	1	692,379	0	0

SHARES										
VISHAY INTERTECHNOLOGY INC	COM	928298108	6,390	345,940	SH	SOLE	1	345,940	0	0
VISHAY PRECISION GROUP	COM	92835K103	226	6,593	SH	SOLE	1	6,593	0	0
VISTA OUTDOOR INC	COM	928377100	346	43,196	SH	SOLE	1	43,196	0	0
VISTEON CORP	COM	92839U206	3,803	56,467	SH	SOLE	1	56,467	0	0
VISTRA ENERGY CORP	COM	92840M102	181	6,972	SH	SOLE	1	6,972	0	0
VITAL THERAPIES INC	COM	92847R104	4	19,386	SH	SOLE	1	19,386	0	0
VITAMIN SHOPPE INC	COM	92849E101	13	1,842	SH	SOLE	1	1,842	0	0
VIVINT SOLAR INC	COM	92854Q106	126	25,252	SH	SOLE	1	25,252	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	609	19,244	SH	SOLE	1	19,244	0	0
VONAGE HOLDINGS CORP	COM	92886T201	1,677	167,044	SH	SOLE	1	167,044	0	0
VORNADO REALTY TRUST	REIT	929042109	4,315	63,977	SH	SOLE	1	63,977	0	0
VOYA FINANCIAL INC	COM	929089100	504	10,079	SH	SOLE	1	10,079	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	262	13,680	SH	SOLE	1	13,680	0	0
VSE CORP	COM	918284100	175	5,529	SH	SOLE	1	5,529	0	0
VULCAN MATERIALS CO	COM	929160109	6,709	56,667	SH	SOLE	1	56,667	0	0
VUZIX CORP	COM	92921W300	46	15,017	SH	SOLE	1	15,017	0	0
W(PLUS)T OFFSHORE INC	COM	92922P106	409	59,305	SH	SOLE	1	59,305	0	0
WABASH NATIONAL CORP	COM	929566107	559	41,261	SH	SOLE	1	41,261	0	0
WABCO HOLDINGS INC	COM	92927K102	160	1,217	SH	SOLE	1	1,217	0	0
WABTEC CORP	COM	929740108	3,535	47,947	SH	SOLE	1	47,947	0	0
WADDELL (PLUS) REED FINANCIAL A	COM	930059100	981	56,757	SH	SOLE	1	56,757	0	0
WAGeworks INC	COM	930427109	1,132	29,975	SH	SOLE	1	29,975	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	27,823	439,750	SH	SOLE	1	439,750	0	0
WALKER (PLUS) DUNLOP INC	COM	93148P102	1,066	20,931	SH	SOLE	1	20,931	0	0
WALMART INC	COM	931142103	46,734	479,178	SH	SOLE	1	479,178	0	0
WALT DISNEY CO/THE	COM	254687106	78,375	705,893	SH	SOLE	1	705,893	0	0
WARRIOR MET COAL INC	COM	93627C101	837	27,544	SH	SOLE	1	27,544	0	0
WASHINGTON FEDERAL INC	COM	938824109	6,127	212,076	SH	SOLE	1	212,076	0	0
WASHINGTON PRIME GROUP INC	REIT	93964W108	798	141,158	SH	SOLE	1	141,158	0	0
WASHINGTON REIT	REIT	939653101	1,716	60,462	SH	SOLE	1	60,462	0	0
WASHINGTON TRUST BANCORP	COM	940610108	462	9,602	SH	SOLE	1	9,602	0	0
WASTE CONNECTIONS INC	COM	94106B101	328	3,708	SH	SOLE	1	3,708	0	0
WASTE MANAGEMENT INC	COM	94106L109	15,565	149,790	SH	SOLE	1	149,790	0	0
WATERS CORP	COM	941848103	7,670	30,470	SH	SOLE	1	30,470	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	260	15,780	SH	SOLE	1	15,780	0	0
WATSCO INC	COM	942622200	9,201	64,247	SH	SOLE	1	64,247	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	1,695	20,977	SH	SOLE	1	20,977	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	501	12,889	SH	SOLE	1	12,889	0	0
WAYFAIR INC CLASS A	COM	94419L101	198	1,336	SH	SOLE	1	1,336	0	0
WD 40 CO	COM	929236107	1,751	10,333	SH	SOLE	1	10,333	0	0
WEATHERFORD INTERNATIONAL PL	COM	G48833100	12	17,446	SH	SOLE	1	17,446	0	0



WEBSTER FINANCIAL CORP	COM	947890109	9,326	184,059	SH	SOLE	1	184,059	0	0
WEC ENERGY GROUP INC	COM	92939U106	14,504	183,408	SH	SOLE	1	183,408	0	0
WEIBO CORP SPON ADR	ADR	948596101	49	793	SH	SOLE	1	793	0	0
WEIGHT WATCHERS INTL INC	COM	948626106	2,042	101,364	SH	SOLE	1	101,364	0	0
WEINGARTEN REALTY INVESTORS	REIT	948741103	7,007	238,593	SH	SOLE	1	238,593	0	0
WEIS MARKETS INC	COM	948849104	248	6,089	SH	SOLE	1	6,089	0	0
WELBILT INC	COM	949090104	50	3,037	SH	SOLE	1	3,037	0	0
WELLCARE HEALTH PLANS INC	COM	94946T106	8,172	30,296	SH	SOLE	1	30,296	0	0
WELLS FARGO (PLUS) CO	COM	949746101	66,595	1,378,211	SH	SOLE	1	1,378,211	0	0
WELLTOWER INC	REIT	95040Q104	12,007	154,730	SH	SOLE	1	154,730	0	0
WENDY S CO/THE	COM	95058W100	6,512	363,986	SH	SOLE	1	363,986	0	0
WERNER ENTERPRISES INC	COM	950755108	3,965	116,117	SH	SOLE	1	116,117	0	0
WESBANCO INC	COM	950810101	1,325	33,336	SH	SOLE	1	33,336	0	0
WESCO AIRCRAFT HOLDINGS INC	COM	950814103	304	34,559	SH	SOLE	1	34,559	0	0
WESCO INTERNATIONAL INC	COM	95082P105	44	822	SH	SOLE	1	822	0	0
WEST BANCORPORATION	COM	95123P106	209	10,130	SH	SOLE	1	10,130	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	16,315	148,050	SH	SOLE	1	148,050	0	0
WESTAMERICA BANCORPORATION	COM	957090103	1,211	19,603	SH	SOLE	1	19,603	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	85	2,066	SH	SOLE	1	2,066	0	0
WESTERN ASSET MORTGAGE CAPIT	REIT	95790D105	305	29,832	SH	SOLE	1	29,832	0	0
WESTERN DIGITAL CORP	COM	958102105	341,163	7,098,691	SH	SOLE	1	7,098,691	0	0
WESTERN NEW ENGLAND BANCORP	COM	958892101	150	16,285	SH	SOLE	1	16,285	0	0
WESTERN UNION CO	COM	959802109	3,766	203,874	SH	SOLE	1	203,874	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	57	833	SH	SOLE	1	833	0	0
WESTROCK CO	COM	96145D105	5,167	134,720	SH	SOLE	1	134,720	0	0
WESTWOOD HOLDINGS GROUP INC	COM	961765104	184	5,218	SH	SOLE	1	5,218	0	0
WEX INC	COM	96208T104	16,546	86,181	SH	SOLE	1	86,181	0	0
WEYCO GROUP INC	COM	962149100	120	3,892	SH	SOLE	1	3,892	0	0
WEYERHAEUSER CO	REIT	962166104	7,734	293,629	SH	SOLE	1	293,629	0	0
WHIRLPOOL CORP	COM	963320106	395,009	2,972,448	SH	SOLE	1	2,972,448	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	49	53	SH	SOLE	1	53	0	0
WHITESTONE REIT	REIT	966084204	349	29,033	SH	SOLE	1	29,033	0	0
WHITING PETROLEUM CORP	COM	966387409	321	12,294	SH	SOLE	1	12,294	0	0
WIDEPENWEST INC	COM	96758W101	172	18,887	SH	SOLE	1	18,887	0	0
WILEY (JOHN) (PLUS) SONS CLASS A	COM	968223206	3,989	90,207	SH	SOLE	1	90,207	0	0
WILLDAN GROUP INC	COM	96924N100	229	6,184	SH	SOLE	1	6,184	0	0
WILLIAM LYON HOMES CL A	COM	552074700	372	24,226	SH	SOLE	1	24,226	0	0
WILLIAMS COS INC	COM	969457100	12,323	429,072	SH	SOLE	1	429,072	0	0
WILLIAMS SONOMA INC	COM	969904101	10,950	194,604	SH	SOLE	1	194,604	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	82	1,923	SH	SOLE	1	1,923	0	0
WILLIS TOWERS	COM	G96629103	10,356	58,956	SH	SOLE	1	58,956	0	0

WATSON PLC										
WILLSCOT CORP	COM	971375126	273	24,632	SH	SOLE	1	24,632	0	0
WINGSTOP INC	COM	974155103	1,671	21,979	SH	SOLE	1	21,979	0	0
WINMARK CORP	COM	974250102	303	1,609	SH	SOLE	1	1,609	0	0
WINNEBAGO INDUSTRIES	COM	974637100	729	23,393	SH	SOLE	1	23,393	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	7,588	112,696	SH	SOLE	1	112,696	0	0
WIPRO LTD ADR	ADR	97651M109	59	14,849	SH	SOLE	1	14,849	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	625	88,483	SH	SOLE	1	88,483	0	0
WIX.COM LTD	COM	M98068105	582	4,813	SH	SOLE	1	4,813	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	2,490	69,686	SH	SOLE	1	69,686	0	0
WOODWARD INC	COM	980745103	13,726	144,655	SH	SOLE	1	144,655	0	0
WORKDAY INC CLASS A	COM	98138H101	2,668	13,836	SH	SOLE	1	13,836	0	0
WORKIVA INC	COM	98139A105	938	18,492	SH	SOLE	1	18,492	0	0
WORLD ACCEPTANCE CORP	COM	981419104	549	4,688	SH	SOLE	1	4,688	0	0
WORLD FUEL SERVICES CORP	COM	981475106	5,071	175,542	SH	SOLE	1	175,542	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	9,886	113,918	SH	SOLE	1	113,918	0	0
WORLDPAY INC CLASS A	COM	981558109	1,024	9,026	SH	SOLE	1	9,026	0	0
WORTHINGTON INDUSTRIES	COM	981811102	3,868	103,652	SH	SOLE	1	103,652	0	0
WP CAREY INC	REIT	92936U109	220	2,804	SH	SOLE	1	2,804	0	0
WPX ENERGY INC	COM	98212B103	10,335	788,365	SH	SOLE	1	788,365	0	0
WR BERKLEY CORP	COM	084423102	16,436	194,007	SH	SOLE	1	194,007	0	0
WR GRACE (PLUS) CO	COM	38388F108	113	1,453	SH	SOLE	1	1,453	0	0
WRIGHT MEDICAL GROUP NV	COM	N96617118	2,494	79,297	SH	SOLE	1	79,297	0	0
WSFS FINANCIAL CORP	COM	929328102	1,249	32,346	SH	SOLE	1	32,346	0	0
WW GRAINGER INC	COM	384802104	5,413	17,987	SH	SOLE	1	17,987	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	8,736	215,749	SH	SOLE	1	215,749	0	0
WYNDHAM HOTELS (PLUS) RESORTS INC	COM	98311A105	9,789	195,819	SH	SOLE	1	195,819	0	0
WYNN RESORTS LTD	COM	983134107	4,956	41,536	SH	SOLE	1	41,536	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	10	551	SH	SOLE	1	551	0	0
XCEL ENERGY INC	COM	98389B100	11,832	210,503	SH	SOLE	1	210,503	0	0
XENCOR INC	COM	98401F105	925	29,795	SH	SOLE	1	29,795	0	0
XENIA HOTELS (PLUS) RESORTS INC	REIT	984017103	1,865	85,142	SH	SOLE	1	85,142	0	0
XERIS PHARMACEUTICALS INC	COM	98422L107	131	13,058	SH	SOLE	1	13,058	0	0
XEROX CORP	COM	984121608	2,510	78,488	SH	SOLE	1	78,488	0	0
XILINX INC	COM	983919101	13,126	103,526	SH	SOLE	1	103,526	0	0
XOMA CORP	COM	98419J206	50	4,059	SH	SOLE	1	4,059	0	0
XPERI CORP	COM	98421B100	856	36,583	SH	SOLE	1	36,583	0	0
XPO LOGISTICS INC	COM	983793100	11,759	218,809	SH	SOLE	1	218,809	0	0
XYLEM INC	COM	98419M100	4,904	62,041	SH	SOLE	1	62,041	0	0
Y MABS THERAPEUTICS INC	COM	984241109	116	4,441	SH	SOLE	1	4,441	0	0
YELP INC	COM	985817105	6,932	200,933	SH	SOLE	1	200,933	0	0
YETI HOLDINGS INC	COM	98585X104	329	10,890	SH	SOLE	1	10,890	0	0
YEXT INC	COM	98585N106	1,187	54,311	SH	SOLE	1	54,311	0	0
YORK WATER CO	COM	987184108	282	8,213	SH	SOLE	1	8,213	0	0
YRC WORLDWIDE INC	COM	984249607	142	21,174	SH	SOLE	1	21,174	0	0
YUM BRANDS INC	COM	988498101	13,510	135,360	SH	SOLE	1	135,360	0	0

YUM CHINA HOLDINGS INC	COM	98850P109	592	13,171	SH	SOLE	1	13,171	0	0
YY INC ADR	ADR	98426T106	64	756	SH	SOLE	1	756	0	0
ZAFGEN INC	COM	98885E103	53	19,439	SH	SOLE	1	19,439	0	0
ZAGG INC	COM	98884U108	155	17,094	SH	SOLE	1	17,094	0	0
ZAYO GROUP HOLDINGS INC	COM	98919V105	151	5,297	SH	SOLE	1	5,297	0	0
ZEBRA TECHNOLOGIES CORP CL A	COM	989207105	22,574	107,736	SH	SOLE	1	107,736	0	0
ZENDESK INC	COM	98936J101	209	2,457	SH	SOLE	1	2,457	0	0
ZILLOW GROUP INC A	COM	98954M101	41	1,210	SH	SOLE	1	1,210	0	0
ZILLOW GROUP INC C	COM	98954M200	91	2,606	SH	SOLE	1	2,606	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	8,938	69,989	SH	SOLE	1	69,989	0	0
ZION OIL (PLUS) GAS INC	COM	989696109	26	34,759	SH	SOLE	1	34,759	0	0
ZIONS BANCORP NA	COM	989701107	3,362	74,033	SH	SOLE	1	74,033	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	323	83,902	SH	SOLE	1	83,902	0	0
ZIX CORP	COM	98974P100	229	33,322	SH	SOLE	1	33,322	0	0
ZOETIS INC	COM	98978V103	22,347	221,979	SH	SOLE	1	221,979	0	0
ZOGENIX INC	COM	98978L204	1,472	26,763	SH	SOLE	1	26,763	0	0
ZOMEDICA PHARMACEUTICALS COR	COM	98979F107	10	28,131	SH	SOLE	1	28,131	0	0
ZSCALER INC	COM	98980G102	2,750	38,773	SH	SOLE	1	38,773	0	0
ZUMIEZ INC	COM	989817101	350	14,066	SH	SOLE	1	14,066	0	0
ZYNGA INC CL A	COM	98986T108	71	13,401	SH	SOLE	1	13,401	0	0