

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

OMB APPROVAL	
OMB Number:	3235-0006
Expires:	Oct 31, 2018
Estimated average burden hours per response:	23.8

Report for the Calendar Year or Quarter Ended: 09-30-2018

Check here if Amendment Amendment Number:  
This Amendment (Check only one.): is a restatement.  
adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: AMERICAN INTERNATIONAL GROUP INC  
Address: 175 Water Street  
New York, NY 10038  
Form 13F File Number: 028-00219

The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person Signing this Report on Behalf of Reporting Manager:

Name: Geoffrey N. Cornell  
Title: Vice President and Deputy AIG Chief Investment Officer  
Phone: 212-770-7000

Signature, Place, and Date of Signing:

/s/ Geoffrey N. Cornell New York, NY 11-09-2018  
[Signature] [City, State] [Date]

Report Type (Check only one.):

- 13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)  
 13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)  
 13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: 2  
Form 13F Information Table Entry Total: 3,176  
Form 13F Information Table Value Total: 30,162,573  
(thousands)

List of Other Included Managers:

Provide a numbered list of the name(s) and Form 13F file number(s) of all institutional investment managers with respect to which this report is filed, other than the manager filing this report.

[If there are no entries in this list, state "NONE" and omit the column headings and list entries.]

No.	Form 13F File Number	Name
1	028-02725	SUNAMERICA ASSET MANAGEMENT, LLC
2	028-13934	AIG Asset Management (U.S.), LLC

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FORM 13F INFORMATION TABLE

OMB APPROVAL	
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COLUMN 1 NAME OF ISSUER	COLUMN 2 TITLE OF CLASS	COLUMN 3 CUSIP	COLUMN 4 VALUE (x\$1000)	COLUMN 5			COLUMN 6 INVESTMENT DISCRETION	COLUMN 7 OTHER MANAGER	COLUMN 8 VOTING AUTHORITY		
				SHRS OR PRN	SH/ PRN	PUT/ CALL			SOLE	SHARED	NONE
1 800 FLOWERS.COM INC CL A	COM	68243Q106	210	17,804	SH		SOLE	1	17,804	0	0
1 and 1 DRILLISCH AG	COM	573467909	292	5,998	SH		SOLE	1	5,998	0	0
1ST CONSTITUTION BANCORP	COM	31986N102	101	4,868	SH		SOLE	1	4,868	0	0
1ST SOURCE CORP	COM	336901103	548	10,413	SH		SOLE	1	10,413	0	0
22ND CENTURY GROUP INC	COM	90137F103	217	77,087	SH		SOLE	1	77,087	0	0
2U INC	COM	90214J101	98	1,305	SH		SOLE	1	1,305	0	0
3D SYSTEMS CORP	COM	88554D205	1,632	86,337	SH		SOLE	1	86,337	0	0
3M CO	COM	88579Y101	52,842	250,781	SH		SOLE	1	250,781	0	0
58.COM INC ADR	ADR	31680Q104	118	1,602	SH		SOLE	1	1,602	0	0
8X8 INC	COM	282914100	1,539	72,403	SH		SOLE	1	72,403	0	0
A10 NETWORKS INC	COM	002121101	202	33,158	SH		SOLE	1	33,158	0	0
AAC HOLDINGS INC	COM	000307108	67	8,734	SH		SOLE	1	8,734	0	0
AAON INC	COM	000360206	1,223	32,346	SH		SOLE	1	32,346	0	0
AAR CORP	COM	000361105	1,221	25,497	SH		SOLE	1	25,497	0	0
AARON S INC	COM	002535300	10,092	185,310	SH		SOLE	1	185,310	0	0
ABBOTT LABORATORIES	COM	002824100	55,710	759,406	SH		SOLE	1	759,406	0	0
ABBVIE INC	COM	00287Y109	487,706	5,156,545	SH		SOLE	1	5,156,545	0	0
ABEONA THERAPEUTICS INC	COM	00289Y107	265	20,736	SH		SOLE	1	20,736	0	0
ABERCROMBIE and FITCH CO CL A	COM	002896207	1,126	53,305	SH		SOLE	1	53,305	0	0
ABIOMED INC	COM	003654100	7,105	15,798	SH		SOLE	1	15,798	0	0
ABM INDUSTRIES INC	COM	000957100	1,675	51,932	SH		SOLE	1	51,932	0	0
ABRAXAS PETROLEUM CORP	COM	003830106	246	105,469	SH		SOLE	1	105,469	0	0
ACACIA COMMUNICATIONS INC	COM	00401C108	751	18,154	SH		SOLE	1	18,154	0	0
ACACIA RESEARCH CORP	COM	003881307	103	32,121	SH		SOLE	1	32,121	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109	6,315	179,412	SH		SOLE	1	179,412	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	1,356	65,295	SH		SOLE	1	65,295	0	0
ACADIA REALTY TRUST	COM	004239109	1,777	63,390	SH		SOLE	1	63,390	0	0
ACCELERATE DIAGNOSTICS INC	COM	00430H102	397	17,295	SH		SOLE	1	17,295	0	0
ACCELERON PHARMA INC	COM	00434H108	1,469	25,672	SH		SOLE	1	25,672	0	0
ACCENTURE PLC CL A	COM	G1151C101	44,255	260,018	SH		SOLE	1	260,018	0	0
ACCESS NATIONAL CORP	COM	004337101	274	10,096	SH		SOLE	1	10,096	0	0

ACCO BRANDS CORP	COM	00081T108	776	68,677	SH	SOLE	1	68,677	0	0
ACCOR SA	COM	585284904	1,289	25,108	SH	SOLE	1	25,108	0	0
ACCURAY INC	COM	004397105	250	55,480	SH	SOLE	1	55,480	0	0
ACETO CORP	COM	004446100	8	3,752	SH	SOLE	1	3,752	0	0
ACHAOGEN INC	COM	004449104	83	20,828	SH	SOLE	1	20,828	0	0
ACHILLION PHARMACEUTICALS	COM	00448Q201	332	90,206	SH	SOLE	1	90,206	0	0
ACI WORLDWIDE INC	COM	004498101	8,705	309,359	SH	SOLE	1	309,359	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	257	17,732	SH	SOLE	1	17,732	0	0
ACM RESEARCH INC CLASS A	COM	00108J109	61	5,548	SH	SOLE	1	5,548	0	0
ACNB CORP	COM	000868109	169	4,530	SH	SOLE	1	4,530	0	0
ACORDA THERAPEUTICS INC	COM	00484M106	663	33,720	SH	SOLE	1	33,720	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	26,778	321,884	SH	SOLE	1	321,884	0	0
ACTUANT CORP A	COM	00508X203	1,336	47,869	SH	SOLE	1	47,869	0	0
ACUITY BRANDS INC	COM	00508Y102	12,955	82,414	SH	SOLE	1	82,414	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	630	22,967	SH	SOLE	1	22,967	0	0
ADAMAS PHARMACEUTICALS INC	COM	00548A106	292	14,573	SH	SOLE	1	14,573	0	0
ADAMS RESOURCES and ENERGY INC	COM	006351308	61	1,434	SH	SOLE	1	1,434	0	0
ADDUS HOMECARE CORP	COM	006739106	440	6,277	SH	SOLE	1	6,277	0	0
ADESTO TECHNOLOGIES CORP	COM	00687D101	97	16,378	SH	SOLE	1	16,378	0	0
ADIANT PLC	COM	G0084W101	6,944	176,641	SH	SOLE	1	176,641	0	0
ADMA BIOLOGICS INC	COM	000899104	80	12,832	SH	SOLE	1	12,832	0	0
ADOBE INC	COM	00724F101	61,010	226,006	SH	SOLE	1	226,006	0	0
ADT INC	COM	00090Q103	18	1,913	SH	SOLE	1	1,913	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	7,735	160,474	SH	SOLE	1	160,474	0	0
ADTRAN INC	COM	00738A106	664	37,599	SH	SOLE	1	37,599	0	0
ADURO BIOTECH INC	COM	00739L101	313	42,559	SH	SOLE	1	42,559	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	4,796	28,491	SH	SOLE	1	28,491	0	0
ADVANCED DISPOSAL SERVICES I	COM	00790X101	1,302	48,088	SH	SOLE	1	48,088	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	742	24,017	SH	SOLE	1	24,017	0	0
ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	147	12,264	SH	SOLE	1	12,264	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	1,590	30,777	SH	SOLE	1	30,777	0	0
ADVANCED MICRO DEVICES	COM	007903107	10,203	330,302	SH	SOLE	1	330,302	0	0
ADVANSIX INC	COM	00773T101	817	24,074	SH	SOLE	1	24,074	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	219	36,118	SH	SOLE	1	36,118	0	0
AECOM	COM	00766T100	10,674	326,812	SH	SOLE	1	326,812	0	0
AEGION CORP	COM	00770F104	640	25,221	SH	SOLE	1	25,221	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	104	10,816	SH	SOLE	1	10,816	0	0
AEGON NV	COM	007924AJ2	2,032	2,100,000	SH	SOLE	1	2,100,000	0	0
AERCAP HOLDINGS NV	COM	N00985106	1,017	17,684	SH	SOLE	1	17,684	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	1,453	23,601	SH	SOLE	1	23,601	0	0
AEROHIVE NETWORKS	COM	007786106	91	22,023	SH	SOLE	1	22,023	0	0

INC										
AEROJET ROCKETDYNE HOLDINGS	COM	007800105	1,864	54,843	SH	SOLE	1	54,843	0	0
AEROVIRONMENT INC	COM	008073108	1,869	16,666	SH	SOLE	1	16,666	0	0
AES CORP	COM	00130H105	7,361	525,767	SH	SOLE	1	525,767	0	0
AETNA INC	COM	008117AN3	1,829	1,800,000	SH	SOLE	1	1,800,000	0	0
AETNA INC	COM	00817Y108	22,337	110,114	SH	SOLE	1	110,114	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	3,827	27,991	SH	SOLE	1	27,991	0	0
AFLAC INC	COM	001055102	18,017	382,765	SH	SOLE	1	382,765	0	0
AG MORTGAGE INVESTMENT TRUST	COM	001228105	339	18,646	SH	SOLE	1	18,646	0	0
AGCO CORP	COM	001084102	8,213	135,101	SH	SOLE	1	135,101	0	0
AGENUS INC	COM	00847G705	124	57,776	SH	SOLE	1	57,776	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	9,141	129,581	SH	SOLE	1	129,581	0	0
AGILYSYS INC	COM	00847J105	203	12,434	SH	SOLE	1	12,434	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	93	1,202	SH	SOLE	1	1,202	0	0
AGNC INVESTMENT CORP	COM	00123Q104	326	17,492	SH	SOLE	1	17,492	0	0
AGNICO EAGLE MINES LTD	COM	008474959	182	5,318	SH	SOLE	1	5,318	0	0
AGREE REALTY CORP	COM	008492100	1,264	23,796	SH	SOLE	1	23,796	0	0
AGROFRESH SOLUTIONS INC	COM	00856G109	130	20,921	SH	SOLE	1	20,921	0	0
AIMMUNE THERAPEUTICS INC	COM	00900T107	784	28,728	SH	SOLE	1	28,728	0	0
AIR LEASE CORP	COM	00912X302	83	1,804	SH	SOLE	1	1,804	0	0
AIR PRODUCTS and CHEMICALS INC	COM	009158106	14,619	87,511	SH	SOLE	1	87,511	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	832	38,731	SH	SOLE	1	38,731	0	0
AIRCASTLE LTD	COM	G0129K104	813	37,087	SH	SOLE	1	37,087	0	0
AK STEEL HOLDING CORP	COM	001547108	1,213	247,472	SH	SOLE	1	247,472	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	4,720	64,531	SH	SOLE	1	64,531	0	0
AKCEA THERAPEUTICS INC	COM	00972L107	296	8,460	SH	SOLE	1	8,460	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	295	33,448	SH	SOLE	1	33,448	0	0
AKORN INC	COM	009728106	3,265	251,506	SH	SOLE	1	251,506	0	0
ALAMO GROUP INC	COM	011311107	693	7,565	SH	SOLE	1	7,565	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,417	24,689	SH	SOLE	1	24,689	0	0
ALASKA AIR GROUP INC	COM	011659109	3,067	44,539	SH	SOLE	1	44,539	0	0
ALBANY INTL CORP CL A	COM	012348108	1,796	22,587	SH	SOLE	1	22,587	0	0
ALBEMARLE CORP	COM	012653101	4,162	41,712	SH	SOLE	1	41,712	0	0
ALBIREO PHARMA INC	COM	01345P106	199	6,043	SH	SOLE	1	6,043	0	0
ALCOA CORP	COM	013872106	137	3,388	SH	SOLE	1	3,388	0	0
ALDER BIOPHARMACEUTICALS INC	COM	014339105	644	38,651	SH	SOLE	1	38,651	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	155	11,268	SH	SOLE	1	11,268	0	0
ALEXANDER and BALDWIN INC	COM	014491104	4,123	181,715	SH	SOLE	1	181,715	0	0
ALEXANDER S INC	COM	014752109	485	1,413	SH	SOLE	1	1,413	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	4,709	37,436	SH	SOLE	1	37,436	0	0

ALEXION PHARMACEUTICALS INC	COM	015351109	14,486	104,210	SH	SOLE	1	104,210	0	0
ALIBABA GROUP HOLDING SP ADR	ADR	01609W102	3,304	20,055	SH	SOLE	1	20,055	0	0
ALICO INC	COM	016230104	74	2,182	SH	SOLE	1	2,182	0	0
ALIGN TECHNOLOGY INC	COM	016255101	14,178	36,240	SH	SOLE	1	36,240	0	0
ALIMENTATION COUCHE TARD B	COM	01626P957	210	4,191	SH	SOLE	1	4,191	0	0
ALKERMES PLC	COM	G01767105	332	7,823	SH	SOLE	1	7,823	0	0
ALLAKOS INC	COM	01671P100	247	5,493	SH	SOLE	1	5,493	0	0
ALLEGHANY CORP	COM	017175100	20,078	30,770	SH	SOLE	1	30,770	0	0
ALLEGHANY CORP DEL	COM	017175100	12	18	SH	SOLE	2	18	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	9,944	336,525	SH	SOLE	1	336,525	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	326	7,810	SH	SOLE	1	7,810	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	1,283	10,115	SH	SOLE	1	10,115	0	0
ALLEGION PLC	COM	G0176J109	3,077	33,969	SH	SOLE	1	33,969	0	0
ALLENA PHARMACEUTICALS INC	COM	018119107	83	7,691	SH	SOLE	1	7,691	0	0
ALLERGAN PLC	COM	G0177J108	20,907	109,757	SH	SOLE	1	109,757	0	0
ALLETE INC	COM	018522300	10,326	137,667	SH	SOLE	1	137,667	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	4,231	17,916	SH	SOLE	1	17,916	0	0
ALLIANT ENERGY CORP	COM	018802108	3,602	84,612	SH	SOLE	1	84,612	0	0
ALLIED MOTION TECHNOLOGIES	COM	019330109	252	4,637	SH	SOLE	1	4,637	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	152	2,919	SH	SOLE	1	2,919	0	0
ALLSCRIPTS HEALTHCARE SOLUTI	COM	01988P108	6,661	467,414	SH	SOLE	1	467,414	0	0
ALLSTATE CORP	COM	020002101	18,769	190,163	SH	SOLE	1	190,163	0	0
ALLY FINANCIAL INC	COM	02005N100	207	7,814	SH	SOLE	1	7,814	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	266	3,035	SH	SOLE	1	3,035	0	0
ALPHA and OMEGA SEMICONDUCTOR	COM	G6331P104	153	13,164	SH	SOLE	1	13,164	0	0
ALPHABET INC CL A	COM	02079K305	162,767	134,844	SH	SOLE	1	134,844	0	0
ALPHABET INC CL C	COM	02079K107	164,102	137,500	SH	SOLE	1	137,500	0	0
ALTA MESA RESOURCES INC A	COM	02133L109	281	67,275	SH	SOLE	1	67,275	0	0
ALTAGAS LTD	COM	021361951	118	7,389	SH	SOLE	1	7,389	0	0
ALTAIR ENGINEERING INC A	COM	021369103	872	20,070	SH	SOLE	1	20,070	0	0
ALTERYX INC CLASS A	COM	02156B103	1,110	19,406	SH	SOLE	1	19,406	0	0
ALTICE USA INC A	COM	02156K103	12	638	SH	SOLE	1	638	0	0
ALTISOURCE PORTFOLIO SOL	COM	L0175J104	213	6,614	SH	SOLE	1	6,614	0	0
ALTRA INDUSTRIAL MOTION CORP	COM	02208R106	793	19,202	SH	SOLE	1	19,202	0	0
ALTRIA GROUP INC	COM	02209S103	460,451	7,634,734	SH	SOLE	1	7,634,734	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	539	26,969	SH	SOLE	1	26,969	0	0
AMALGAMATED BK OF NEW YORK A	COM	022663108	126	6,508	SH	SOLE	1	6,508	0	0
AMAZON.COM INC	COM	023135106	326,243	162,877	SH	SOLE	1	162,877	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	727	35,579	SH	SOLE	1	35,579	0	0

AMBARELLA INC	COM	G037AX101	831	21,480	SH	SOLE	1	21,480	0	0
AMBER ROAD INC	COM	02318Y108	149	15,540	SH	SOLE	1	15,540	0	0
AMC ENTERTAINMENT HLDS CL A	COM	00165C104	707	34,482	SH	SOLE	1	34,482	0	0
AMC NETWORKS INC A	COM	00164V103	6,145	92,626	SH	SOLE	1	92,626	0	0
AMDOCS LTD	COM	G02602103	171	2,591	SH	SOLE	1	2,591	0	0
AMEDISYS INC	COM	023436108	2,658	21,270	SH	SOLE	1	21,270	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	213	5,473	SH	SOLE	1	5,473	0	0
AMERCO	COM	023586100	45	127	SH	SOLE	1	127	0	0
AMEREN CORPORATION	COM	023608102	5,586	88,357	SH	SOLE	1	88,357	0	0
AMERESCO INC CL A	COM	02361E108	171	12,552	SH	SOLE	1	12,552	0	0
AMERICA MOVIL SAB DE CV	COM	02364WAV7	1,024	1,000,000	SH	SOLE	1	1,000,000	0	0
AMERICA S CAR MART INC	COM	03062T105	313	4,001	SH	SOLE	1	4,001	0	0
AMERICAN AIRLINES GROUP INC	COM	02376R102	8,014	193,910	SH	SOLE	1	193,910	0	0
AMERICAN AIRLS GROUP	COM	02376R102	486	11,757	SH	SOLE	2	11,757	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	1,124	30,146	SH	SOLE	1	30,146	0	0
AMERICAN AXLE and MFG HOLDINGS	COM	024061103	1,527	87,555	SH	SOLE	1	87,555	0	0
AMERICAN CAMPUS COMMUNITIES	COM	024835100	11,465	278,537	SH	SOLE	1	278,537	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	11,087	446,511	SH	SOLE	1	446,511	0	0
AMERICAN ELECTRIC POWER	COM	025537101	12,018	169,561	SH	SOLE	1	169,561	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	2,491	70,439	SH	SOLE	1	70,439	0	0
AMERICAN EXPRESS CO	COM	025816109	32,504	305,226	SH	SOLE	1	305,226	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	15,879	143,093	SH	SOLE	1	143,093	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	103	4,687	SH	SOLE	1	4,687	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	16,271	305,611	SH	SOLE	1	305,611	0	0
AMERICAN NATIONAL INSURANCE	COM	028591105	17	134	SH	SOLE	1	134	0	0
AMERICAN OUTDOOR BRANDS CORP	COM	02874P103	554	35,647	SH	SOLE	1	35,647	0	0
AMERICAN PUBLIC EDUCATION	COM	02913V103	417	12,632	SH	SOLE	1	12,632	0	0
AMERICAN RAILCAR INDUSTRIES	COM	02916P103	222	4,810	SH	SOLE	1	4,810	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	23	1,371	SH	SOLE	1	1,371	0	0
AMERICAN RENAL ASSOCIATES HO	COM	029227105	188	8,677	SH	SOLE	1	8,677	0	0
AMERICAN SOFTWARE INC CL A	COM	029683109	230	18,966	SH	SOLE	1	18,966	0	0
AMERICAN STATES WATER CO	COM	029899101	1,758	28,759	SH	SOLE	1	28,759	0	0
AMERICAN TOWER CORP	COM	03027X100	30,674	211,106	SH	SOLE	1	211,106	0	0
AMERICAN VANGUARD CORP	COM	030371108	406	22,581	SH	SOLE	1	22,581	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	6,854	77,911	SH	SOLE	1	77,911	0	0
AMERICAN WOODMARK CORP	COM	030506109	885	11,279	SH	SOLE	1	11,279	0	0

AMERICOLD REALTY TRUST	COM	03064D108	1,433	57,274	SH	SOLE	1	57,274	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	9,726	65,870	SH	SOLE	1	65,870	0	0
AMERIS BANCORP	COM	03076K108	1,508	32,988	SH	SOLE	1	32,988	0	0
AMERISAFE INC	COM	03071H100	931	15,024	SH	SOLE	1	15,024	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	5,436	58,945	SH	SOLE	1	58,945	0	0
AMES NATIONAL CORP	COM	031001100	156	5,713	SH	SOLE	1	5,713	0	0
AMETEK INC	COM	031100100	6,780	85,698	SH	SOLE	1	85,698	0	0
AMGEN INC	COM	031162100	70,552	340,355	SH	SOLE	1	340,355	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,518	125,584	SH	SOLE	1	125,584	0	0
AMKOR TECHNOLOGY INC	COM	031652100	502	67,908	SH	SOLE	1	67,908	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	2,030	37,112	SH	SOLE	1	37,112	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	1,280	57,668	SH	SOLE	1	57,668	0	0
AMPHASTAR PHARMACEUTICALS INC	COM	03209R103	535	27,814	SH	SOLE	1	27,814	0	0
AMPHENOL CORP CL A	COM	032095101	10,276	109,294	SH	SOLE	1	109,294	0	0
AMPIO PHARMACEUTICALS INC	COM	03209T109	33	64,947	SH	SOLE	1	64,947	0	0
AMTRUST FINANCIAL SERVICES	COM	032359309	1,067	73,456	SH	SOLE	1	73,456	0	0
AMYRIS INC	COM	03236M200	164	20,634	SH	SOLE	1	20,634	0	0
ANADARKO PETROLEUM CORP	COM	032511107	14,646	217,272	SH	SOLE	1	217,272	0	0
ANALOG DEVICES INC	COM	032654105	17,364	187,796	SH	SOLE	1	187,796	0	0
ANAPTYSBIO INC	COM	032724106	1,256	12,591	SH	SOLE	1	12,591	0	0
ANDEAVOR	COM	03349M105	7,734	50,382	SH	SOLE	1	50,382	0	0
ANDERSONS INC/THE	COM	034164103	800	21,260	SH	SOLE	1	21,260	0	0
ANGIODYNAMICS INC	COM	03475V101	624	28,693	SH	SOLE	1	28,693	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	357	6,307	SH	SOLE	1	6,307	0	0
ANIKA THERAPEUTICS INC	COM	035255108	474	11,232	SH	SOLE	1	11,232	0	0
ANIXTER INTERNATIONAL INC	COM	035290105	1,621	23,064	SH	SOLE	1	23,064	0	0
ANNALY CAPITAL MANAGEMENT INC	COM	035710409	662	64,748	SH	SOLE	1	64,748	0	0
ANSYS INC	COM	03662Q105	6,434	34,467	SH	SOLE	1	34,467	0	0
ANTARES PHARMA INC	COM	036642106	322	95,776	SH	SOLE	1	95,776	0	0
ANTERO RESOURCES CORP	COM	03674X106	1,680	94,845	SH	SOLE	1	94,845	0	0
ANTHEM INC	COM	036752103	23,951	87,396	SH	SOLE	1	87,396	0	0
ANWORTH MORTGAGE ASSET CORP	COM	037347101	299	64,620	SH	SOLE	1	64,620	0	0
AON PLC	COM	G0408V102	13,637	88,677	SH	SOLE	1	88,677	0	0
APACHE CORP	COM	037411105	8,239	172,833	SH	SOLE	1	172,833	0	0
APARTMENT INVT and MGMT CO A	COM	03748R101	2,469	55,938	SH	SOLE	1	55,938	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	426	23,960	SH	SOLE	1	23,960	0	0
APERGY CORP	COM	03755L104	6,849	157,221	SH	SOLE	1	157,221	0	0
APOGEE ENTERPRISES INC	COM	037598109	901	21,811	SH	SOLE	1	21,811	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	1,802	95,482	SH	SOLE	1	95,482	0	0

APOLLO MEDICAL HOLDINGS INC	COM	03763A207	49	2,204	SH	SOLE	1	2,204	0	0
APPFOLIO INC A	COM	03783C100	789	10,058	SH	SOLE	1	10,058	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	69	3,927	SH	SOLE	1	3,927	0	0
APPLE INC	COM	037833100	403,591	1,787,857	SH	SOLE	1	1,787,857	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	2,351	30,041	SH	SOLE	1	30,041	0	0
APPLIED MATERIALS INC	COM	038222105	17,463	451,836	SH	SOLE	1	451,836	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	363	14,730	SH	SOLE	1	14,730	0	0
APPROACH RESOURCES INC	COM	03834A103	67	29,884	SH	SOLE	1	29,884	0	0
APPTIO INC CLASS A	COM	03835C108	844	22,836	SH	SOLE	1	22,836	0	0
APTARGROUP INC	COM	038336103	13,619	126,405	SH	SOLE	1	126,405	0	0
APTINYX INC	COM	03836N103	256	8,833	SH	SOLE	1	8,833	0	0
APTIV PLC	COM	G6095L109	9,323	111,125	SH	SOLE	1	111,125	0	0
AQUA AMERICA INC	COM	03836W103	13,345	361,665	SH	SOLE	1	361,665	0	0
AQUANTIA CORP	COM	03842Q108	183	14,293	SH	SOLE	1	14,293	0	0
AQUAVENTURE HOLDINGS LTD	COM	G0443N107	131	7,233	SH	SOLE	1	7,233	0	0
AQUESTIVE THERAPEUTICS INC	COM	03843E104	61	3,464	SH	SOLE	1	3,464	0	0
ARAMARK	COM	03852U106	191	4,431	SH	SOLE	1	4,431	0	0
ARATANA THERAPEUTICS INC	COM	03874P101	176	30,149	SH	SOLE	1	30,149	0	0
ARBOR REALTY TRUST INC	COM	038923108	495	43,136	SH	SOLE	1	43,136	0	0
ARBUTUS BIOPHARMA CORP	COM	03879J100	221	23,425	SH	SOLE	1	23,425	0	0
ARCBEST CORP	COM	03937C105	979	20,163	SH	SOLE	1	20,163	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	680	22,815	SH	SOLE	1	22,815	0	0
ARCH COAL INC A	COM	039380407	1,081	12,092	SH	SOLE	1	12,092	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	10,188	202,673	SH	SOLE	1	202,673	0	0
ARCHROCK INC	COM	03957W106	1,222	100,153	SH	SOLE	1	100,153	0	0
ARCONIC INC	COM	03965L100	4,870	221,272	SH	SOLE	1	221,272	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	86	6,160	SH	SOLE	1	6,160	0	0
ARDAGH GROUP SA	COM	L0223L101	6	335	SH	SOLE	1	335	0	0
ARDELYX INC	COM	039697107	126	29,000	SH	SOLE	1	29,000	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	144	22,164	SH	SOLE	1	22,164	0	0
ARENA PHARMACEUTICALS INC	COM	040047607	1,516	32,933	SH	SOLE	1	32,933	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	248	17,777	SH	SOLE	1	17,777	0	0
ARGAN INC	COM	04010E109	418	9,715	SH	SOLE	1	9,715	0	0
ARGO GROUP INTERNATIONAL	COM	G0464B107	1,356	21,509	SH	SOLE	1	21,509	0	0
ARISTA NETWORKS INC	COM	040413106	5,068	19,061	SH	SOLE	1	19,061	0	0
ARLINGTON ASSET INVESTMENT A	COM	041356205	175	18,700	SH	SOLE	1	18,700	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	114	7,867	SH	SOLE	1	7,867	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	578	38,230	SH	SOLE	1	38,230	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315507	735	32,718	SH	SOLE	1	32,718	0	0
ARMSTRONG FLOORING INC	COM	04238R106	255	14,107	SH	SOLE	1	14,107	0	0



ARMSTRONG WORLD INDUSTRIES	COM	04247X102	76	1,089	SH	SOLE	1	1,089	0	0
ARQULE INC	COM	04269E107	407	71,939	SH	SOLE	1	71,939	0	0
ARRAY BIOPHARMA INC	COM	04269X105	2,056	135,269	SH	SOLE	1	135,269	0	0
ARRIS INTERNATIONAL PLC	COM	G0551A103	8,958	344,671	SH	SOLE	1	344,671	0	0
ARROW ELECTRONICS INC	COM	042735100	13,095	177,636	SH	SOLE	1	177,636	0	0
ARROW FINANCIAL CORP	COM	042744102	300	8,104	SH	SOLE	1	8,104	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	1,107	57,745	SH	SOLE	1	57,745	0	0
ARSANIS INC	COM	042873109	6	3,450	SH	SOLE	1	3,450	0	0
ARTESIAN RESOURCES CORP CL A	COM	043113208	193	5,261	SH	SOLE	1	5,261	0	0
ARTHUR J GALLAGHER and CO	COM	363576109	4,818	64,720	SH	SOLE	1	64,720	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	1,033	31,883	SH	SOLE	1	31,883	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	1,089	15,847	SH	SOLE	1	15,847	0	0
ASCENA RETAIL GROUP INC	COM	04351G101	627	137,225	SH	SOLE	1	137,225	0	0
ASGN INC	COM	00191U102	3,161	40,049	SH	SOLE	1	40,049	0	0
ASHFORD HOSPITALITY TRUST	COM	044103109	360	56,382	SH	SOLE	1	56,382	0	0
ASHFORD INC	COM	044104107	29	387	SH	SOLE	1	387	0	0
ASHLAND GLOBAL HOLDINGS INC	COM	044186104	10,642	126,897	SH	SOLE	1	126,897	0	0
ASHTREAD GROUP PLC	COM	005367008	2,195	69,105	SH	SOLE	1	69,105	0	0
ASML HOLDING NV NY REG SHS	COM	N07059210	781	4,152	SH	SOLE	1	4,152	0	0
ASPEN INSURANCE HOLDINGS LTD	COM	G05384105	5,072	121,333	SH	SOLE	1	121,333	0	0
ASPEN TECHNOLOGY INC	COM	045327103	194	1,704	SH	SOLE	1	1,704	0	0
ASSEMBLY BIOSCIENCES INC	COM	045396108	518	13,946	SH	SOLE	1	13,946	0	0
ASSERTIO THERAPEUTICS INC	COM	04545L107	275	46,839	SH	SOLE	1	46,839	0	0
ASSOCIATED BANC CORP	COM	045487105	9,094	349,778	SH	SOLE	1	349,778	0	0
ASSOCIATED CAPITAL GROUP A	COM	045528106	73	1,717	SH	SOLE	1	1,717	0	0
ASSURANT INC	COM	04621X108	3,781	35,022	SH	SOLE	1	35,022	0	0
ASSURED GUARANTY LTD	COM	G0585R106	85	2,002	SH	SOLE	1	2,002	0	0
ASTEC INDUSTRIES INC	COM	046224101	908	18,016	SH	SOLE	1	18,016	0	0
ASTRONICS CORP	COM	046433108	610	14,033	SH	SOLE	1	14,033	0	0
ASURE SOFTWARE INC	COM	04649U102	103	8,330	SH	SOLE	1	8,330	0	0
AT HOME GROUP INC	COM	04650Y100	925	29,337	SH	SOLE	1	29,337	0	0
AT and T INC	COM	00206R102	500,296	14,898,639	SH	SOLE	1	14,898,639	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	1,151	27,828	SH	SOLE	1	27,828	0	0
ATHENAHEALTH INC	COM	04685W103	129	967	SH	SOLE	1	967	0	0
ATHENE HOLDING LTD CLASS A	COM	G0684D107	149	2,880	SH	SOLE	1	2,880	0	0
ATHENEX INC	COM	04685N103	453	29,162	SH	SOLE	1	29,162	0	0
ATHERSYS INC	COM	04744L106	158	75,230	SH	SOLE	1	75,230	0	0
ATKORE INTERNATIONAL GROUP I	COM	047649108	687	25,894	SH	SOLE	1	25,894	0	0
ATLANTIC CAPITAL	COM	048269203	284	16,928	SH	SOLE	1	16,928	0	0

BANCSHARES										
ATLANTIC POWER CORP	COM	04878Q863	160	72,866	SH	SOLE	1	72,866	0	0
ATLAS AIR WORLDWIDE HOLDINGS	COM	049164205	1,200	18,831	SH	SOLE	1	18,831	0	0
ATLASSIAN CORP PLC CLASS A	COM	G06242104	214	2,222	SH	SOLE	1	2,222	0	0
ATMOS ENERGY CORP	COM	049560105	21,651	230,554	SH	SOLE	1	230,554	0	0
ATN INTERNATIONAL INC	COM	00215F107	610	8,252	SH	SOLE	1	8,252	0	0
ATRICURE INC	COM	04963C209	779	22,245	SH	SOLE	1	22,245	0	0
ATRION CORPORATION	COM	049904105	657	946	SH	SOLE	1	946	0	0
AUBURN NATL BANCORPORATION	COM	050473107	60	1,570	SH	SOLE	1	1,570	0	0
AUDENTES THERAPEUTICS INC	COM	05070R104	854	21,580	SH	SOLE	1	21,580	0	0
AUST AND NZ BANKING GROUP	COM	606558005	6,709	329,354	SH	SOLE	1	329,354	0	0
AUTODESK INC	COM	052769106	15,533	99,502	SH	SOLE	1	99,502	0	0
AUTOHOME INC ADR	ADR	05278C107	69	896	SH	SOLE	1	896	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	44,487	295,280	SH	SOLE	1	295,280	0	0
AUTONATION INC	COM	05329W102	4,856	116,877	SH	SOLE	1	116,877	0	0
AUTOZONE INC	COM	053332102	7,412	9,555	SH	SOLE	1	9,555	0	0
AV HOMES INC	COM	00234P102	159	7,969	SH	SOLE	1	7,969	0	0
AVALARA INC	COM	05338G106	202	5,775	SH	SOLE	1	5,775	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	10,583	58,423	SH	SOLE	1	58,423	0	0
AVANGRID INC	COM	05351W103	49	1,017	SH	SOLE	1	1,017	0	0
AVANOS MEDICAL INC	COM	05350V106	8,656	126,363	SH	SOLE	1	126,363	0	0
AVAYA HOLDINGS CORP	COM	05351X101	1,538	69,479	SH	SOLE	1	69,479	0	0
AVEO PHARMACEUTICALS INC	COM	053588109	228	68,920	SH	SOLE	1	68,920	0	0
AVERY DENNISON CORP	COM	053611109	3,746	34,575	SH	SOLE	1	34,575	0	0
AVID BIOSERVICES INC	COM	05368M106	231	33,619	SH	SOLE	1	33,619	0	0
AVID TECHNOLOGY INC	COM	05367P100	108	18,230	SH	SOLE	1	18,230	0	0
AVIS BUDGET GROUP INC	COM	053774105	5,731	178,321	SH	SOLE	1	178,321	0	0
AVISTA CORP	COM	05379B107	2,604	51,506	SH	SOLE	1	51,506	0	0
AVNET INC	COM	053807103	10,536	235,343	SH	SOLE	1	235,343	0	0
AVON PRODUCTS INC	COM	054303102	119	53,893	SH	SOLE	1	53,893	0	0
AVROBIO INC	COM	05455M100	210	4,041	SH	SOLE	1	4,041	0	0
AVX CORP	COM	002444107	559	30,965	SH	SOLE	1	30,965	0	0
AXA EQUITABLE HOLDINGS INC	COM	054561105	54	2,496	SH	SOLE	1	2,496	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	284	9,729	SH	SOLE	1	9,729	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	495	25,207	SH	SOLE	1	25,207	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	284	4,915	SH	SOLE	1	4,915	0	0
AXOGEN INC	COM	05463X106	829	22,496	SH	SOLE	1	22,496	0	0
AXON ENTERPRISE INC	COM	05464C101	3,096	45,245	SH	SOLE	1	45,245	0	0
AXOS FINANCIAL INC	COM	05465C100	1,582	46,004	SH	SOLE	1	46,004	0	0
AXT INC	COM	00246W103	180	25,239	SH	SOLE	1	25,239	0	0
AZZ INC	COM	002474104	1,028	20,349	SH	SOLE	1	20,349	0	0
B. RILEY FINANCIAL INC	COM	05580M108	307	13,572	SH	SOLE	1	13,572	0	0
B and G FOODS INC	COM	05508R106	1,418	51,646	SH	SOLE	1	51,646	0	0
BABCOCK and WILCOX ENTERPR	COM	05614L100	22	21,263	SH	SOLE	1	21,263	0	0

BABCOCK INTL GROUP PLC	COM	096970900	273	28,928	SH	SOLE	1	28,928	0	0
BADGER METER INC	COM	056525108	1,191	22,500	SH	SOLE	1	22,500	0	0
BAIDU INC SPON ADR	ADR	056752108	4,773	20,872	SH	SOLE	1	20,872	0	0
BAKER HUGHES A GE CO	COM	05722G100	5,989	177,033	SH	SOLE	1	177,033	0	0
BALCHEM CORP	COM	057665200	2,825	25,205	SH	SOLE	1	25,205	0	0
BALL CORP	COM	058498106	5,758	130,888	SH	SOLE	1	130,888	0	0
BANC OF CALIFORNIA INC	COM	05990K106	638	33,745	SH	SOLE	1	33,745	0	0
BANCFIRST CORP	COM	05945F103	717	11,960	SH	SOLE	1	11,960	0	0
BANCO LATINOAMERICANO COME E	COM	P16994132	425	20,306	SH	SOLE	1	20,306	0	0
BANCORP INC/THE	COM	05969A105	321	33,445	SH	SOLE	1	33,445	0	0
BANCORPSOUTH BANK	COM	05971J102	7,960	243,431	SH	SOLE	1	243,431	0	0
BANK OF AMERICA CORP	COM	060505104	96,141	3,263,449	SH	SOLE	1	3,263,449	0	0
BANK OF COMMERCE HOLDINGS	COM	06424J103	126	10,294	SH	SOLE	1	10,294	0	0
BANK OF HAWAII CORP	COM	062540109	6,742	85,435	SH	SOLE	1	85,435	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	379	4,513	SH	SOLE	1	4,513	0	0
BANK OF MONTREAL	COM	063671952	627	7,598	SH	SOLE	1	7,598	0	0
BANK OF MONTREAL	COM	06367TYL8	1,967	2,000,000	SH	SOLE	1	2,000,000	0	0
BANK OF N.T. BUTTERFIELD and SON	COM	G0772R208	1,879	36,229	SH	SOLE	1	36,229	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	25,700	504,011	SH	SOLE	1	504,011	0	0
BANK OF NOVA SCOTIA	COM	064159HM1	1,812	1,850,000	SH	SOLE	1	1,850,000	0	0
BANK OZK	COM	06417N103	9,328	245,741	SH	SOLE	1	245,741	0	0
BANKFINANCIAL CORP	COM	06643P104	143	8,978	SH	SOLE	1	8,978	0	0
BANKUNITED INC	COM	06652K103	67	1,885	SH	SOLE	1	1,885	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	129	4,098	SH	SOLE	1	4,098	0	0
BANNER CORPORATION	COM	06652V208	1,567	25,207	SH	SOLE	1	25,207	0	0
BAR HARBOR BANKSHARES	COM	066849100	291	10,117	SH	SOLE	1	10,117	0	0
BARNES and NOBLE EDUCATION INC	COM	06777U101	172	29,877	SH	SOLE	1	29,877	0	0
BARNES and NOBLE INC	COM	067774109	270	46,495	SH	SOLE	1	46,495	0	0
BARNES GROUP INC	COM	067806109	2,660	37,454	SH	SOLE	1	37,454	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	315	4,713	SH	SOLE	1	4,713	0	0
BASIC ENERGY SERVICES INC	COM	06985P209	127	12,729	SH	SOLE	1	12,729	0	0
BASSETT FURNITURE INDS	COM	070203104	144	6,777	SH	SOLE	1	6,777	0	0
BAXTER INTERNATIONAL INC	COM	071813109	17,222	223,402	SH	SOLE	1	223,402	0	0
BAYCOM CORP	COM	07272M107	181	6,789	SH	SOLE	1	6,789	0	0
BB and T CORPORATION	COM	05531FAV5	1,937	2,000,000	SH	SOLE	1	2,000,000	0	0
BBX CAPITAL CORP	COM	05491N104	323	43,543	SH	SOLE	1	43,543	0	0
BCB BANCORP INC	COM	055298103	124	8,988	SH	SOLE	1	8,988	0	0
BCE INC	COM	05534B950	1,732	42,759	SH	SOLE	1	42,759	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,637	45,245	SH	SOLE	1	45,245	0	0
BEASLEY BROADCAST GRP INC A	COM	074014101	36	5,284	SH	SOLE	1	5,284	0	0
BEAZER HOMES USA INC	COM	07556Q881	219	20,857	SH	SOLE	1	20,857	0	0
BECTON DICKINSON AND CO	COM	075887109	22,996	88,106	SH	SOLE	1	88,106	0	0

BED BATH and BEYOND INC	COM	075896100	5,573	371,566	SH	SOLE	1	371,566	0	0
BEL FUSE INC CL B	COM	077347300	201	7,599	SH	SOLE	1	7,599	0	0
BELDEN INC	COM	077454106	7,762	108,690	SH	SOLE	1	108,690	0	0
BELLICUM PHARMACEUTICALS INC	COM	079481107	165	26,720	SH	SOLE	1	26,720	0	0
BELMOND LTD CLASS A	COM	G1154H107	1,284	70,361	SH	SOLE	1	70,361	0	0
BEMIS COMPANY	COM	081437105	8,991	185,007	SH	SOLE	1	185,007	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	860	36,733	SH	SOLE	1	36,733	0	0
BENEFICIAL BANCORP INC	COM	08171T102	765	45,278	SH	SOLE	1	45,278	0	0
BENEFITFOCUS INC	COM	08180D106	602	14,874	SH	SOLE	1	14,874	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	168,468	786,830	SH	SOLE	1	786,830	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	1,300	31,946	SH	SOLE	1	31,946	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	135	2,787	SH	SOLE	1	2,787	0	0
BERRY PETROLEUM CORP	COM	08579X101	154	8,735	SH	SOLE	1	8,735	0	0
BEST BUY CO INC	COM	086516101	7,861	99,052	SH	SOLE	1	99,052	0	0
BG STAFFING INC	COM	05544A109	152	5,572	SH	SOLE	1	5,572	0	0
BGC PARTNERS INC CL A	COM	05541T101	56	4,747	SH	SOLE	1	4,747	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	80	15,774	SH	SOLE	1	15,774	0	0
BIG LOTS INC	COM	089302103	4,510	107,924	SH	SOLE	1	107,924	0	0
BIGLARI HOLDINGS INC A	COM	08986R408	103	112	SH	SOLE	1	112	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	114	626	SH	SOLE	1	626	0	0
BIO RAD LABORATORIES A	COM	090572207	12,754	40,748	SH	SOLE	1	40,748	0	0
BIO TECHNE CORP	COM	09073M104	15,699	76,914	SH	SOLE	1	76,914	0	0
BIOCRIST PHARMACEUTICALS INC	COM	09058V103	552	72,390	SH	SOLE	1	72,390	0	0
BIOGEN INC	COM	09062X103	34,054	96,387	SH	SOLE	1	96,387	0	0
BIOHAVEN PHARMACEUTICAL HOLD	COM	G11196105	708	18,849	SH	SOLE	1	18,849	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,704	17,574	SH	SOLE	1	17,574	0	0
BIOSCRIP INC	COM	09069N108	260	83,952	SH	SOLE	1	83,952	0	0
BIOSPECIFICS TECHNOLOGIES	COM	090931106	223	3,817	SH	SOLE	1	3,817	0	0
BIOTELEMETRY INC	COM	090672106	1,645	25,522	SH	SOLE	1	25,522	0	0
BIOTIME INC	COM	09066L105	140	59,409	SH	SOLE	1	59,409	0	0
BJ S RESTAURANTS INC	COM	09180C106	1,175	16,275	SH	SOLE	1	16,275	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	773	28,878	SH	SOLE	1	28,878	0	0
BLACK HILLS CORP	COM	092113109	8,338	143,531	SH	SOLE	1	143,531	0	0
BLACK KNIGHT INC	COM	09215C105	178	3,434	SH	SOLE	1	3,434	0	0
BLACKBAUD INC	COM	09227Q100	13,182	129,902	SH	SOLE	1	129,902	0	0
BLACKLINE INC	COM	09239B109	1,347	23,854	SH	SOLE	1	23,854	0	0
BLACKROCK INC	COM	09247X101	25,633	54,385	SH	SOLE	1	54,385	0	0
BLACKSTONE MORTGAGE TRU CL A	COM	09257W100	2,486	74,200	SH	SOLE	1	74,200	0	0
BLOCK FINANCIAL LLC	COM	093662AF1	1,009	1,000,000	SH	SOLE	1	1,000,000	0	0
BLOOMIN BRANDS INC	COM	094235108	1,100	55,600	SH	SOLE	1	55,600	0	0
BLUCORA INC	COM	095229100	1,505	37,382	SH	SOLE	1	37,382	0	0

BLUE BIRD CORP	COM	095306106	237	9,673	SH	SOLE	1	9,673	0	0
BLUE HILLS BANCORP INC	COM	095573101	368	15,259	SH	SOLE	1	15,259	0	0
BLUEBIRD BIO INC	COM	09609G100	174	1,191	SH	SOLE	1	1,191	0	0
BLUEGREEN VACATIONS CORP	COM	09629F108	88	4,946	SH	SOLE	1	4,946	0	0
BLUELINX HOLDINGS INC	COM	09624H208	186	5,910	SH	SOLE	1	5,910	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	2,141	27,432	SH	SOLE	1	27,432	0	0
BLUEROCK RESIDENTIAL GROWTH	COM	09627J102	155	15,855	SH	SOLE	1	15,855	0	0
BMC STOCK HOLDINGS INC	COM	05591B109	834	44,726	SH	SOLE	1	44,726	0	0
BOEING CO/THE	COM	097023105	65,431	175,938	SH	SOLE	1	175,938	0	0
BOINGO WIRELESS INC	COM	09739C102	950	27,222	SH	SOLE	1	27,222	0	0
BOISE CASCADE CO	COM	09739D100	1,124	30,537	SH	SOLE	1	30,537	0	0
BOJANGLES INC	COM	097488100	181	11,552	SH	SOLE	1	11,552	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	46	470	SH	SOLE	1	470	0	0
BONANZA CREEK ENERGY INC	COM	097793400	440	14,782	SH	SOLE	1	14,782	0	0
BOOKING HOLDINGS INC	COM	09857L108	41,858	21,098	SH	SOLE	1	21,098	0	0
BOOT BARN HOLDINGS INC	COM	099406100	522	18,358	SH	SOLE	1	18,358	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	168	3,383	SH	SOLE	1	3,383	0	0
BORGWARNER INC	COM	099724106	4,478	104,678	SH	SOLE	1	104,678	0	0
BOSTON BEER COMPANY INC A	COM	100557107	6,604	22,972	SH	SOLE	1	22,972	0	0
BOSTON OMAHA CORP CL A	COM	101044105	100	3,349	SH	SOLE	1	3,349	0	0
BOSTON PRIVATE FINL HOLDING	COM	101119105	895	65,592	SH	SOLE	1	65,592	0	0
BOSTON PROPERTIES INC	COM	101121101	7,462	60,622	SH	SOLE	1	60,622	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	17,532	455,384	SH	SOLE	1	455,384	0	0
BOTTOMLINE TECHNOLOGIES (DE)	COM	101388106	2,265	31,153	SH	SOLE	1	31,153	0	0
BOX INC CLASS A	COM	10316T104	1,958	81,892	SH	SOLE	1	81,892	0	0
BOYD GAMING CORP	COM	103304101	7,363	217,508	SH	SOLE	1	217,508	0	0
BRADY CORPORATION CL A	COM	104674106	2,805	64,112	SH	SOLE	1	64,112	0	0
BRAEMAR HOTELS and RESORTS INC	COM	10482B101	228	19,410	SH	SOLE	1	19,410	0	0
BRANDYWINE REALTY TRUST	COM	105368203	50	3,184	SH	SOLE	1	3,184	0	0
BRIDGE BANCORP INC	COM	108035106	365	11,009	SH	SOLE	1	11,009	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	43	3,268	SH	SOLE	1	3,268	0	0
BRIGGS and STRATTON	COM	109043109	629	32,702	SH	SOLE	1	32,702	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	157	1,329	SH	SOLE	1	1,329	0	0
BRIGHTCOVE	COM	10921T101	198	23,577	SH	SOLE	1	23,577	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	1,919	43,382	SH	SOLE	1	43,382	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	G1644T109	662	53,394	SH	SOLE	1	53,394	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	263	16,403	SH	SOLE	1	16,403	0	0
BRINK S CO/THE	COM	109696104	9,487	136,014	SH	SOLE	1	136,014	0	0
BRINKER	COM	109641100	5,204	111,363	SH	SOLE	1	111,363	0	0

INTERNATIONAL INC										
BRISTOL MYERS SQUIBB CO	COM	110122108	34,887	561,961	SH	SOLE	1	561,961	0	0
BRISTOW GROUP INC	COM	110394103	318	26,184	SH	SOLE	1	26,184	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	328	18,720	SH	SOLE	1	18,720	0	0
BROADCOM INC	COM	11135F101	46,756	189,502	SH	SOLE	1	189,502	0	0
BROADRIDGE FINANCIAL SOLUTIONS	COM	11133T103	5,799	43,946	SH	SOLE	1	43,946	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	1,219	124,057	SH	SOLE	1	124,057	0	0
BROOKFIELD ASSET MANAGEMENT CL A	COM	112585955	632	14,200	SH	SOLE	1	14,200	0	0
BROOKFIELD PROPERTY REIT I A	COM	11282X103	59	2,833	SH	SOLE	1	2,833	0	0
BROOKLINE BANCORP INC	COM	11373M107	1,039	62,228	SH	SOLE	1	62,228	0	0
BROOKS AUTOMATION INC	COM	114340102	1,917	54,726	SH	SOLE	1	54,726	0	0
BROWN and BROWN INC	COM	115236101	13,934	471,237	SH	SOLE	1	471,237	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	63	1,241	SH	SOLE	1	1,241	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	3,192	63,150	SH	SOLE	1	63,150	0	0
BRT APARTMENTS CORP	COM	055645303	72	5,988	SH	SOLE	1	5,988	0	0
BRUKER CORP	COM	116794108	69	2,066	SH	SOLE	1	2,066	0	0
BRUNSWICK CORP	COM	117043109	11,818	176,341	SH	SOLE	1	176,341	0	0
BRYN MAWR BANK CORP	COM	117665109	620	13,230	SH	SOLE	1	13,230	0	0
BSB BANCORP INC/MA	COM	05573H108	182	5,587	SH	SOLE	1	5,587	0	0
BUCKEYE PARTNERS LP	COM	118230AJ0	713	700,000	SH	SOLE	1	700,000	0	0
BUCKLE INC/THE	COM	118440106	520	22,576	SH	SOLE	1	22,576	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	1,101	74,991	SH	SOLE	1	74,991	0	0
BUNGE LTD	COM	G16962105	175	2,553	SH	SOLE	1	2,553	0	0
BURLINGTON STORES INC	COM	122017106	263	1,613	SH	SOLE	1	1,613	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	188	7,073	SH	SOLE	1	7,073	0	0
BWX TECHNOLOGIES INC	COM	05605H100	150	2,406	SH	SOLE	1	2,406	0	0
BYLINE BANCORP INC	COM	124411109	245	10,814	SH	SOLE	1	10,814	0	0
C and F FINANCIAL CORP	COM	12466Q104	129	2,198	SH	SOLE	1	2,198	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	18,342	187,318	SH	SOLE	1	187,318	0	0
C and J ENERGY SERVICES INC	COM	12674R100	1,051	50,547	SH	SOLE	1	50,547	0	0
CA INC	COM	12673P105	9,734	220,486	SH	SOLE	1	220,486	0	0
CABLE ONE INC	COM	12685J105	8,924	10,099	SH	SOLE	1	10,099	0	0
CABOT CORP	COM	127055101	7,848	125,120	SH	SOLE	1	125,120	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	2,065	20,013	SH	SOLE	1	20,013	0	0
CABOT OIL and GAS CORP	COM	127097103	4,158	184,614	SH	SOLE	1	184,614	0	0
CACI INTERNATIONAL INC CL A	COM	127190304	3,556	19,310	SH	SOLE	1	19,310	0	0
CACTUS INC A	COM	127203107	965	25,209	SH	SOLE	1	25,209	0	0
CADENCE BANCORP	COM	12739A100	1,254	47,995	SH	SOLE	1	47,995	0	0
CADENCE DESIGN SYSTEMS INC	COM	127387108	5,262	116,097	SH	SOLE	1	116,097	0	0
CADIZ INC	COM	127537207	167	15,001	SH	SOLE	1	15,001	0	0

CAESARS ENTERTAINMENT CORP	COM	127686103	110	10,769	SH	SOLE	1	10,769	0	0
CAESARSTONE LTD	COM	M20598104	282	15,210	SH	SOLE	1	15,210	0	0
CAI INTERNATIONAL INC	COM	12477X106	261	11,423	SH	SOLE	1	11,423	0	0
CAL MAINE FOODS INC	COM	128030202	1,178	24,383	SH	SOLE	1	24,383	0	0
CALAMP CORP	COM	128126109	649	27,082	SH	SOLE	1	27,082	0	0
CALAVO GROWERS INC	COM	128246105	1,200	12,426	SH	SOLE	1	12,426	0	0
CALERES INC	COM	129500104	1,190	33,192	SH	SOLE	1	33,192	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q206	1,455	29,984	SH	SOLE	1	29,984	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,618	37,725	SH	SOLE	1	37,725	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	108	20,609	SH	SOLE	1	20,609	0	0
CALIX INC	COM	13100M509	240	29,673	SH	SOLE	1	29,673	0	0
CALLAWAY GOLF COMPANY	COM	131193104	1,777	73,173	SH	SOLE	1	73,173	0	0
CALLON PETROLEUM CO	COM	13123X102	7,314	610,005	SH	SOLE	1	610,005	0	0
CALYXT INC	COM	13173L107	60	3,946	SH	SOLE	1	3,946	0	0
CAMBIUM LEARNING GROUP INC	COM	13201A107	114	9,606	SH	SOLE	1	9,606	0	0
CAMBREX CORP	COM	132011107	1,771	25,887	SH	SOLE	1	25,887	0	0
CAMBRIDGE BANCORP	COM	132152109	220	2,450	SH	SOLE	1	2,450	0	0
CAMDEN NATIONAL CORP	COM	133034108	444	10,212	SH	SOLE	1	10,212	0	0
CAMDEN PROPERTY TRUST	COM	133131102	17,645	188,578	SH	SOLE	1	188,578	0	0
CAMECO CORP	COM	13321L959	189	16,563	SH	SOLE	1	16,563	0	0
CAMPBELL SOUP CO	COM	134429109	5,205	142,104	SH	SOLE	1	142,104	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	459	21,507	SH	SOLE	1	21,507	0	0
CAN IMPERIAL BK OF COMMERCE	COM	136069952	241	2,567	SH	SOLE	1	2,567	0	0
CANADIAN NATL RAILWAY CO	COM	136375961	708	7,893	SH	SOLE	1	7,893	0	0
CANADIAN TIRE CORP CLASS A	COM	136681954	289	2,465	SH	SOLE	1	2,465	0	0
CANNAE HOLDINGS INC	COM	13765N107	958	45,750	SH	SOLE	1	45,750	0	0
CANTEL MEDICAL CORP	COM	138098108	6,812	73,995	SH	SOLE	1	73,995	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	177	7,579	SH	SOLE	1	7,579	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	21,854	230,215	SH	SOLE	1	230,215	0	0
CAPITAL SENIOR LIVING CORP	COM	140475104	154	16,324	SH	SOLE	1	16,324	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	1,089	85,504	SH	SOLE	1	85,504	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	87	5,234	SH	SOLE	1	5,234	0	0
CAPSTEAD MORTGAGE CORP	COM	14067E506	572	72,331	SH	SOLE	1	72,331	0	0
CARA THERAPEUTICS INC	COM	140755109	518	21,610	SH	SOLE	1	21,610	0	0
CARBO CERAMICS INC	COM	140781105	118	16,273	SH	SOLE	1	16,273	0	0
CARBON BLACK INC	COM	14081R103	117	5,521	SH	SOLE	1	5,521	0	0
CARBONITE INC	COM	141337105	742	20,820	SH	SOLE	1	20,820	0	0
CARDINAL HEALTH INC	COM	14149Y108	398,051	7,371,313	SH	SOLE	1	7,371,313	0	0
CARDIOVASCULAR SYSTEMS INC	COM	141619106	843	21,539	SH	SOLE	1	21,539	0	0
CARDLYTICS INC	COM	14161W105	99	3,944	SH	SOLE	1	3,944	0	0
CARDTRONICS PLC A	COM	G1991C105	977	30,876	SH	SOLE	1	30,876	0	0

CARE.COM INC	COM	141633107	289	13,059	SH	SOLE	1	13,059	0	0
CAREDX INC	COM	14167L103	637	22,093	SH	SOLE	1	22,093	0	0
CAREER EDUCATION CORP	COM	141665109	800	53,591	SH	SOLE	1	53,591	0	0
CARETRUST REIT INC	COM	14174T107	1,119	63,198	SH	SOLE	1	63,198	0	0
CARGURUS INC	COM	141788109	1,849	33,198	SH	SOLE	1	33,198	0	0
CARLISLE COS INC	COM	142339100	14,790	121,430	SH	SOLE	1	121,430	0	0
CARMAX INC	COM	143130102	5,259	70,425	SH	SOLE	1	70,425	0	0
CARNIVAL CORP	COM	143658300	8,676	136,050	SH	SOLE	1	136,050	0	0
CAROLINA FINANCIAL CORP	COM	143873107	526	13,942	SH	SOLE	1	13,942	0	0
CARPENTER TECHNOLOGY	COM	144285103	7,438	126,167	SH	SOLE	1	126,167	0	0
CARRIAGE SERVICES INC	COM	143905107	252	11,680	SH	SOLE	1	11,680	0	0
CARRIZO OIL and GAS INC	COM	144577103	1,723	68,390	SH	SOLE	1	68,390	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	337	23,049	SH	SOLE	1	23,049	0	0
CARS.COM INC	COM	14575E105	4,857	175,926	SH	SOLE	1	175,926	0	0
CARTER S INC	COM	146229109	9,341	94,739	SH	SOLE	1	94,739	0	0
CARVANA CO	COM	146869102	1,269	21,484	SH	SOLE	1	21,484	0	0
CASA SYSTEMS INC	COM	14713L102	265	17,962	SH	SOLE	1	17,962	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	821	26,447	SH	SOLE	1	26,447	0	0
CASEY S GENERAL STORES INC	COM	147528103	9,606	74,402	SH	SOLE	1	74,402	0	0
CASI PHARMACEUTICALS INC	COM	14757U109	155	33,105	SH	SOLE	1	33,105	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	516	7,931	SH	SOLE	1	7,931	0	0
CASTLE BRANDS INC	COM	148435100	65	61,176	SH	SOLE	1	61,176	0	0
CASTLIGHT HEALTH INC B	COM	14862Q100	141	52,104	SH	SOLE	1	52,104	0	0
CATALENT INC	COM	148806102	13,422	294,664	SH	SOLE	1	294,664	0	0
CATALYST BIOSCIENCES INC	COM	14888D208	85	7,884	SH	SOLE	1	7,884	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	242	63,991	SH	SOLE	1	63,991	0	0
CATCHMARK TIMBER TRUST INC A	COM	14912Y202	372	32,587	SH	SOLE	1	32,587	0	0
CATERPILLAR INC	COM	149123101	38,443	252,104	SH	SOLE	1	252,104	0	0
CATHAY GENERAL BANCORP	COM	149150104	8,572	206,849	SH	SOLE	1	206,849	0	0
CATO CORP CLASS A	COM	149205106	375	17,839	SH	SOLE	1	17,839	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,699	6,715	SH	SOLE	1	6,715	0	0
CB FINANCIAL SERVICES INC	COM	12479G101	96	3,099	SH	SOLE	1	3,099	0	0
CBIZ INC	COM	124805102	811	34,236	SH	SOLE	1	34,236	0	0
CBL and ASSOCIATES PROPERTIES	COM	124830100	532	133,410	SH	SOLE	1	133,410	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	3,788	39,476	SH	SOLE	1	39,476	0	0
CBRE GROUP INC A	COM	12504L109	6,098	138,268	SH	SOLE	1	138,268	0	0
CBS CORP CLASS B NON VOTING	COM	124857202	8,573	149,225	SH	SOLE	1	149,225	0	0
CBTX INC	COM	12481V104	439	12,366	SH	SOLE	1	12,366	0	0
CDK GLOBAL INC	COM	12508E101	16,514	263,964	SH	SOLE	1	263,964	0	0
CDW CORP/DE	COM	12514G108	718	8,076	SH	SOLE	1	8,076	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	159	20,126	SH	SOLE	1	20,126	0	0



CEDAR REALTY TRUST INC	COM	150602209	324	69,445	SH	SOLE	1	69,445	0	0
CELANESE CORP	COM	150870103	938	8,229	SH	SOLE	1	8,229	0	0
CELCUITY INC	COM	15102K100	111	3,855	SH	SOLE	1	3,855	0	0
CELGENE CORP	COM	151020104	29,271	327,089	SH	SOLE	1	327,089	0	0
CELLULAR BIOMEDICINE GROUP I	COM	15117P102	140	7,697	SH	SOLE	1	7,697	0	0
CELSIUS HOLDINGS INC	COM	15118V207	61	15,156	SH	SOLE	1	15,156	0	0
CENTENE CORP	COM	15135B101	11,664	80,567	SH	SOLE	1	80,567	0	0
CENTENNIAL RESOURCE DEVELO A	COM	15136A102	72	3,318	SH	SOLE	1	3,318	0	0
CENTERPOINT ENERGY INC	COM	15189T107	7,346	265,673	SH	SOLE	1	265,673	0	0
CENTERSTATE BANK CORP	COM	15201P109	1,706	60,819	SH	SOLE	1	60,819	0	0
CENTRAIS ELETRICAS BRAS PR B	COM	230844003	18	3,800	SH	SOLE	1	3,800	0	0
CENTRAIS ELETRICAS BRASILIER	COM	231112905	14	3,600	SH	SOLE	1	3,600	0	0
CENTRAL EUROPEAN MEDIA ENT A	COM	G20045202	214	57,172	SH	SOLE	1	57,172	0	0
CENTRAL GARDEN and PET CO	COM	153527106	294	8,150	SH	SOLE	1	8,150	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	1,055	31,842	SH	SOLE	1	31,842	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	599	22,657	SH	SOLE	1	22,657	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	165	7,646	SH	SOLE	1	7,646	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	468	39,118	SH	SOLE	1	39,118	0	0
CENTURY BANCORP INC CL A	COM	156432106	137	1,903	SH	SOLE	1	1,903	0	0
CENTURY CASINOS INC	COM	156492100	134	17,929	SH	SOLE	1	17,929	0	0
CENTURY COMMUNITIES INC	COM	156504300	456	17,360	SH	SOLE	1	17,360	0	0
CENTURLINK INC	COM	156700106	9,776	461,143	SH	SOLE	1	461,143	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	24	571	SH	SOLE	1	571	0	0
CERNER CORP	COM	156782104	10,294	159,820	SH	SOLE	1	159,820	0	0
CERUS CORP	COM	157085101	635	88,050	SH	SOLE	1	88,050	0	0
CEVA INC	COM	157210105	498	17,322	SH	SOLE	1	17,322	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	5,531	101,596	SH	SOLE	1	101,596	0	0
CGI GROUP INC CLASS A	COM	39945C950	328	5,081	SH	SOLE	1	5,081	0	0
CHANNELADVISOR CORP	COM	159179100	214	17,217	SH	SOLE	1	17,217	0	0
CHARAH SOLUTIONS INC	COM	15957P105	39	4,909	SH	SOLE	1	4,909	0	0
CHARLES RIVER LABORATORIES	COM	159864107	13,162	97,830	SH	SOLE	1	97,830	0	0
CHART INDUSTRIES INC	COM	16115Q308	1,897	24,219	SH	SOLE	1	24,219	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	23,491	72,084	SH	SOLE	1	72,084	0	0
CHASE CORP	COM	16150R104	578	4,807	SH	SOLE	1	4,807	0	0
CHATHAM LODGING TRUST	COM	16208T102	744	35,612	SH	SOLE	1	35,612	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	3,066	26,058	SH	SOLE	1	26,058	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	6,067	113,310	SH	SOLE	1	113,310	0	0
CHEFS WAREHOUSE	COM	163086101	524	14,425	SH	SOLE	1	14,425	0	0

INC/THE										
CHEGG INC	COM	163092109	2,046	71,950	SH	SOLE	1	71,950	0	0
CHEMED CORP	COM	16359R103	10,479	32,789	SH	SOLE	1	32,789	0	0
CHEMICAL FINANCIAL CORP	COM	163731102	10,209	191,189	SH	SOLE	1	191,189	0	0
CHEMOCENTRYX INC	COM	16383L106	188	14,904	SH	SOLE	1	14,904	0	0
CHEMOURS CO/THE	COM	163851108	14,222	360,589	SH	SOLE	1	360,589	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	92	2,173	SH	SOLE	1	2,173	0	0
CHENIERE ENERGY INC	COM	16411R208	613	8,827	SH	SOLE	1	8,827	0	0
CHERRY HILL MORTGAGE INVESTM	COM	164651101	190	10,508	SH	SOLE	1	10,508	0	0
CHESAPEAKE ENERGY CORP	COM	165167107	8,325	1,854,229	SH	SOLE	1	1,854,229	0	0
CHESAPEAKE LODGING TRUST	COM	165240102	1,498	46,723	SH	SOLE	1	46,723	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	881	10,496	SH	SOLE	1	10,496	0	0
CHEVRON CORP	COM	166764100	558,405	4,566,606	SH	SOLE	1	4,566,606	0	0
CHICO S FAS INC	COM	168615102	868	100,137	SH	SOLE	1	100,137	0	0
CHILDREN S PLACE INC/THE	COM	168905107	1,625	12,717	SH	SOLE	1	12,717	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	61	3,377	SH	SOLE	1	3,377	0	0
CHIMERIX INC	COM	16934W106	114	29,239	SH	SOLE	1	29,239	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	4,532	9,970	SH	SOLE	1	9,970	0	0
CHOICE HOTELS INTL INC	COM	169905106	70	838	SH	SOLE	1	838	0	0
CHROMADEX CORP	COM	171077407	110	25,532	SH	SOLE	1	25,532	0	0
CHUBB LTD	COM	H1467J104	30,279	226,571	SH	SOLE	1	226,571	0	0
CHURCH and DWIGHT CO INC	COM	171340102	5,586	94,085	SH	SOLE	1	94,085	0	0
CHURCHILL DOWNS INC	COM	171484108	8,848	31,861	SH	SOLE	1	31,861	0	0
CHUY S HOLDINGS INC	COM	171604101	346	13,171	SH	SOLE	1	13,171	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	71	5,291	SH	SOLE	1	5,291	0	0
CIENA CORP	COM	171779309	11,946	382,403	SH	SOLE	1	382,403	0	0
CIGNA CORP	COM	125509109	16,689	80,137	SH	SOLE	1	80,137	0	0
CIMAREX ENERGY CO	COM	171798101	5,441	58,547	SH	SOLE	1	58,547	0	0
CIMPRESS NV	COM	N20146101	1,997	14,616	SH	SOLE	1	14,616	0	0
CINCINNATI BELL INC	COM	171871502	583	36,543	SH	SOLE	1	36,543	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	5,179	67,432	SH	SOLE	1	67,432	0	0
CINEMARK HOLDINGS INC	COM	17243V102	9,438	234,778	SH	SOLE	1	234,778	0	0
CINTAS CORP	COM	172908105	9,999	50,551	SH	SOLE	1	50,551	0	0
CIRCOR INTERNATIONAL INC	COM	17273K109	627	13,202	SH	SOLE	1	13,202	0	0
CIRRUS LOGIC INC	COM	172755100	6,315	163,603	SH	SOLE	1	163,603	0	0
CISCO SYSTEMS INC	COM	17275R102	742,564	15,263,387	SH	SOLE	1	15,263,387	0	0
CISION LTD	COM	G1992S109	601	35,745	SH	SOLE	1	35,745	0	0
CIT GROUP INC	COM	125581801	419	8,122	SH	SOLE	1	8,122	0	0
CITI TRENDS INC	COM	17306X102	243	8,434	SH	SOLE	1	8,434	0	0
CITIGROUP INC	COM	172967424	62,103	865,667	SH	SOLE	1	865,667	0	0
CITIZENS and NORTHERN CORP	COM	172922106	206	7,867	SH	SOLE	1	7,867	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	8,029	208,158	SH	SOLE	1	208,158	0	0
CITIZENS INC	COM	174740100	276	32,829	SH	SOLE	1	32,829	0	0
CITRIX SYSTEMS INC	COM	177376100	6,848	61,606	SH	SOLE	1	61,606	0	0

CITY HOLDING CO	COM	177835105	909	11,841	SH	SOLE	1	11,841	0	0
CITY OFFICE REIT INC	COM	178587101	297	23,545	SH	SOLE	1	23,545	0	0
CIVISTA BANCSHARES INC	COM	178867107	220	9,134	SH	SOLE	1	9,134	0	0
CIVITAS SOLUTIONS INC	COM	17887R102	157	10,657	SH	SOLE	1	10,657	0	0
CLARUS CORP	COM	18270P109	153	13,872	SH	SOLE	1	13,872	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	237	91,033	SH	SOLE	1	91,033	0	0
CLEAN HARBORS INC	COM	184496107	7,427	103,764	SH	SOLE	1	103,764	0	0
CLEAR CHANNEL OUTDOOR CL A	COM	18451C109	146	24,591	SH	SOLE	1	24,591	0	0
CLEARFIELD INC	COM	18482P103	100	7,453	SH	SOLE	1	7,453	0	0
CLEARSIDE BIOMEDICAL INC	COM	185063104	114	18,549	SH	SOLE	1	18,549	0	0
CLEARWATER PAPER CORP	COM	18538R103	378	12,725	SH	SOLE	1	12,725	0	0
CLEARWAY ENERGY INC A	COM	18539C105	440	23,112	SH	SOLE	1	23,112	0	0
CLEARWAY ENERGY INC C	COM	18539C204	889	46,172	SH	SOLE	1	46,172	0	0
CLEVELAND CLIFFS INC	COM	185899101	2,502	197,592	SH	SOLE	1	197,592	0	0
CLIPPER REALTY INC	COM	18885T306	133	9,861	SH	SOLE	1	9,861	0	0
CLOROX COMPANY	COM	189054109	21,920	145,732	SH	SOLE	1	145,732	0	0
CLOUD PEAK ENERGY INC	COM	18911Q102	134	58,374	SH	SOLE	1	58,374	0	0
CLOUDERA INC	COM	18914U100	1,211	68,588	SH	SOLE	1	68,588	0	0
CLOVIS ONCOLOGY INC	COM	189464100	928	31,587	SH	SOLE	1	31,587	0	0
CME GROUP INC	COM	12572Q105	25,057	147,214	SH	SOLE	1	147,214	0	0
CMS ENERGY CORP	COM	125896100	8,198	167,304	SH	SOLE	1	167,304	0	0
CNA FINANCIAL CORP	COM	126117100	2,161	47,344	SH	SOLE	1	47,344	0	0
CNB FINANCIAL CORP/PA	COM	126128107	278	9,637	SH	SOLE	1	9,637	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	9,349	440,596	SH	SOLE	1	440,596	0	0
CNX RESOURCES CORP	COM	12653C108	6,198	433,131	SH	SOLE	1	433,131	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	72	4,229	SH	SOLE	1	4,229	0	0
COBIZ FINANCIAL INC	COM	190897108	569	25,714	SH	SOLE	1	25,714	0	0
COCA COLA BOTTLING CO CONSOL	COM	191098102	672	3,685	SH	SOLE	1	3,685	0	0
COCA COLA CO/THE	COM	191216100	516,614	11,184,532	SH	SOLE	1	11,184,532	0	0
COCA COLA EUROPEAN PARTNERS	COM	G25839104	1,104	24,289	SH	SOLE	1	24,289	0	0
CODEXIS INC	COM	192005106	579	33,780	SH	SOLE	1	33,780	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	180	5,755	SH	SOLE	1	5,755	0	0
COEUR MINING INC	COM	192108504	656	123,082	SH	SOLE	1	123,082	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,835	32,884	SH	SOLE	1	32,884	0	0
COGNEX CORP	COM	192422103	19,823	355,131	SH	SOLE	1	355,131	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	19,721	255,614	SH	SOLE	1	255,614	0	0
COHBAR INC	COM	19249J109	68	15,731	SH	SOLE	1	15,731	0	0
COHEN and STEERS INC	COM	19247A100	601	14,805	SH	SOLE	1	14,805	0	0
COHERENT INC	COM	192479103	8,525	49,511	SH	SOLE	1	49,511	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	568	34,438	SH	SOLE	1	34,438	0	0
COHU INC	COM	192576106	560	22,294	SH	SOLE	1	22,294	0	0
COLFAX CORP	COM	194014106	58	1,616	SH	SOLE	1	1,616	0	0
COLGATE PALMOLIVE	COM	194162103	25,847	386,071	SH	SOLE	1	386,071	0	0

CO										
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	287	19,468	SH	SOLE	1	19,468	0	0
COLONY CAPITAL INC	COM	19626G108	55	8,988	SH	SOLE	1	8,988	0	0
COLONY CREDIT REAL ESTATE IN	COM	19625T101	1,225	55,727	SH	SOLE	1	55,727	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	2,227	57,451	SH	SOLE	1	57,451	0	0
COLUMBIA FINANCIAL INC	COM	197641103	550	32,960	SH	SOLE	1	32,960	0	0
COLUMBIA PROPERTY TRUST INC	COM	198287203	51	2,145	SH	SOLE	1	2,145	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	54	578	SH	SOLE	1	578	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	586	14,816	SH	SOLE	1	14,816	0	0
COMCAST CORP CLASS A	COM	20030N101	86,692	2,448,229	SH	SOLE	1	2,448,229	0	0
COMERICA INC	COM	200340107	7,090	78,602	SH	SOLE	1	78,602	0	0
COMFORT SYSTEMS USA INC	COM	199908104	1,627	28,851	SH	SOLE	1	28,851	0	0
COMMERCE BANCSHARES INC	COM	200525103	12,735	192,890	SH	SOLE	1	192,890	0	0
COMMERCIAL METALS CO	COM	201723103	6,423	313,020	SH	SOLE	1	313,020	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	184	20,064	SH	SOLE	1	20,064	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	106	3,442	SH	SOLE	1	3,442	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	2,416	39,554	SH	SOLE	1	39,554	0	0
COMMUNITY BANKERS TRUST CORP	COM	203612106	125	14,247	SH	SOLE	1	14,247	0	0
COMMUNITY FINANCIAL CORP/THE	COM	20368X101	107	3,213	SH	SOLE	1	3,213	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	246	71,005	SH	SOLE	1	71,005	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	423	13,668	SH	SOLE	1	13,668	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	477	10,285	SH	SOLE	1	10,285	0	0
COMMVault SYSTEMS INC	COM	204166102	7,244	103,484	SH	SOLE	1	103,484	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	6,103	90,816	SH	SOLE	1	90,816	0	0
COMPUTER PROGRAMS and SYSTEMS	COM	205306103	244	9,102	SH	SOLE	1	9,102	0	0
COMPX INTERNATIONAL INC	COM	20563P101	15	1,094	SH	SOLE	1	1,094	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	658	18,138	SH	SOLE	1	18,138	0	0
CONAGRA BRANDS INC	COM	205887102	4,809	141,559	SH	SOLE	1	141,559	0	0
CONCERT PHARMACEUTICALS INC	COM	206022105	210	14,127	SH	SOLE	1	14,127	0	0
CONCHO RESOURCES INC	COM	20605P101	11,763	77,005	SH	SOLE	1	77,005	0	0
CONDUENT INC	COM	206787103	78	3,453	SH	SOLE	1	3,453	0	0
CONMED CORP	COM	207410101	1,575	19,885	SH	SOLE	1	19,885	0	0
CONN S INC	COM	208242107	461	13,038	SH	SOLE	1	13,038	0	0
CONNECTICUT WATER SVC INC	COM	207797101	555	7,997	SH	SOLE	1	7,997	0	0
CONNECTONE BANCORP INC	COM	20786W107	476	20,044	SH	SOLE	1	20,044	0	0
CONOCOPHILLIPS	COM	20825C104	30,940	399,741	SH	SOLE	1	399,741	0	0

CONS TOMOKA LAND CO FLORIDA	COM	210226106	161	2,582	SH	SOLE	1	2,582	0	0
CONSOL ENERGY INC	COM	20854L108	900	22,049	SH	SOLE	1	22,049	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	720	55,237	SH	SOLE	1	55,237	0	0
CONSOLIDATED EDISON INC	COM	209115104	8,584	112,664	SH	SOLE	1	112,664	0	0
CONSOLIDATED WATER CO ORD SH	COM	G23773107	135	9,763	SH	SOLE	1	9,763	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	11,919	55,276	SH	SOLE	1	55,276	0	0
CONSTELLATION PHARMACEUTICAL	COM	210373106	18	2,679	SH	SOLE	1	2,679	0	0
CONTAINER STORE GROUP INC/TH	COM	210751103	118	10,587	SH	SOLE	1	10,587	0	0
CONTINENTAL BUILDING PRODUCT	COM	211171103	926	24,663	SH	SOLE	1	24,663	0	0
CONTINENTAL RESOURCES INC/OK	COM	212015101	519	7,608	SH	SOLE	1	7,608	0	0
CONTROL4 CORP	COM	21240D107	702	20,445	SH	SOLE	1	20,445	0	0
CONVERGEONE HOLDINGS INC	COM	212481105	164	17,594	SH	SOLE	1	17,594	0	0
CONVERGYS CORP	COM	212485106	5,797	244,189	SH	SOLE	1	244,189	0	0
COOPER COS INC/THE	COM	216648402	5,032	18,156	SH	SOLE	1	18,156	0	0
COOPER STANDARD HOLDING	COM	21676P103	1,653	13,778	SH	SOLE	1	13,778	0	0
COOPER TIRE and RUBBER	COM	216831107	1,125	39,762	SH	SOLE	1	39,762	0	0
COPA HOLDINGS SA CLASS A	COM	P31076105	45	567	SH	SOLE	1	567	0	0
COPART INC	COM	217204106	3,721	72,211	SH	SOLE	1	72,211	0	0
CORBUS PHARMACEUTICALS HOLDI	COM	21833P103	250	33,093	SH	SOLE	1	33,093	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	1,089	77,671	SH	SOLE	1	77,671	0	0
CORE LABORATORIES N.V.	COM	N22717107	10,318	89,075	SH	SOLE	1	89,075	0	0
CORE MARK HOLDING CO INC	COM	218681104	1,219	35,887	SH	SOLE	1	35,887	0	0
CORECIVIC INC	COM	21871N101	7,730	317,696	SH	SOLE	1	317,696	0	0
CORELOGIC INC	COM	21871D103	8,146	164,859	SH	SOLE	1	164,859	0	0
COREENERGY INFRASTRUCTURE TRU	COM	21870U502	297	7,893	SH	SOLE	1	7,893	0	0
COREPOINT LODGING INC	COM	21872L104	534	27,454	SH	SOLE	1	27,454	0	0
CORESITE REALTY CORP	COM	21870Q105	8,316	74,828	SH	SOLE	1	74,828	0	0
CORIUM INTERNATIONAL INC	COM	21887L107	169	17,744	SH	SOLE	1	17,744	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	2,048	36,089	SH	SOLE	1	36,089	0	0
CORNING INC	COM	219350105	12,927	366,206	SH	SOLE	1	366,206	0	0
CORPORATE OFFICE PROPERTIES	COM	22002T108	6,261	209,891	SH	SOLE	1	209,891	0	0
CORVEL CORP	COM	221006109	431	7,151	SH	SOLE	1	7,151	0	0
CORVUS PHARMACEUTICALS INC	COM	221015100	79	9,200	SH	SOLE	1	9,200	0	0
COSTAMARE INC	COM	Y1771G102	210	32,363	SH	SOLE	1	32,363	0	0
COSTAR GROUP INC	COM	22160N109	752	1,788	SH	SOLE	1	1,788	0	0
COSTCO WHOLESALE CORP	COM	22160K105	41,338	175,995	SH	SOLE	1	175,995	0	0
COTY INC CL A	COM	222070203	2,052	163,401	SH	SOLE	1	163,401	0	0

COUNTY BANCORP INC	COM	221907108	85	3,399	SH	SOLE	1	3,399	0	0
COUPA SOFTWARE INC	COM	22266L106	2,791	35,288	SH	SOLE	1	35,288	0	0
COUSINS PROPERTIES INC	COM	222795106	10,010	1,126,011	SH	SOLE	1	1,126,011	0	0
COVANTA HOLDING CORP	COM	22282E102	1,268	78,016	SH	SOLE	1	78,016	0	0
COVENANT TRANSPORT GRP CL A	COM	22284P105	238	8,183	SH	SOLE	1	8,183	0	0
COVIA HOLDINGS CORP	COM	22305A103	185	20,617	SH	SOLE	1	20,617	0	0
COWEN INC	COM	223622606	303	18,612	SH	SOLE	1	18,612	0	0
CRA INTERNATIONAL INC	COM	12618T105	262	5,211	SH	SOLE	1	5,211	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	8,995	61,135	SH	SOLE	1	61,135	0	0
CRAFT BREW ALLIANCE INC	COM	224122101	138	8,448	SH	SOLE	1	8,448	0	0
CRANE CO	COM	224399105	11,810	120,079	SH	SOLE	1	120,079	0	0
CRAWFORD and CO CL B	COM	224633107	71	7,754	SH	SOLE	1	7,754	0	0
CRAY INC	COM	225223304	684	31,796	SH	SOLE	1	31,796	0	0
CRED SUIS GP FUN LTD	COM	225433AD3	545	550,000	SH	SOLE	1	550,000	0	0
CREDICORP LTD	COM	G2519Y108	260	1,166	SH	SOLE	1	1,166	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	117	267	SH	SOLE	1	267	0	0
CREDIT SUISSE NEW YORK	COM	22546QAP2	986	1,000,000	SH	SOLE	1	1,000,000	0	0
CREE INC	COM	225447101	10,296	271,886	SH	SOLE	1	271,886	0	0
CRESCENT POINT ENERGY CORP	COM	22576C952	183	28,760	SH	SOLE	1	28,760	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	132	4,620	SH	SOLE	1	4,620	0	0
CROCS INC	COM	227046109	1,133	53,197	SH	SOLE	1	53,197	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	244	27,966	SH	SOLE	1	27,966	0	0
CROWN CASTLE INTL CORP	COM	22822V101	21,077	189,319	SH	SOLE	1	189,319	0	0
CROWN HOLDINGS INC	COM	228368106	150	3,126	SH	SOLE	1	3,126	0	0
CRYOLIFE INC	COM	228903100	976	27,721	SH	SOLE	1	27,721	0	0
CRYOPORT INC	COM	229050307	219	17,123	SH	SOLE	1	17,123	0	0
CSG SYSTEMS INTL INC	COM	126349109	1,049	26,133	SH	SOLE	1	26,133	0	0
CSW INDUSTRIALS INC	COM	126402106	553	10,305	SH	SOLE	1	10,305	0	0
CSX CORP	COM	126408103	28,427	383,884	SH	SOLE	1	383,884	0	0
CTI BIOPHARMA CORP	COM	12648L601	73	33,889	SH	SOLE	1	33,889	0	0
CTRIP.COM INTERNATIONAL ADR	ADR	22943F100	1,246	33,516	SH	SOLE	1	33,516	0	0
CTS CORP	COM	126501105	883	25,735	SH	SOLE	1	25,735	0	0
CUBESMART	COM	229663109	94	3,296	SH	SOLE	1	3,296	0	0
CUBIC CORP	COM	229669106	1,450	19,855	SH	SOLE	1	19,855	0	0
CUE BIOPHARMA INC	COM	22978P106	106	11,727	SH	SOLE	1	11,727	0	0
CULLEN/FROST BANKERS INC	COM	229899109	13,555	129,789	SH	SOLE	1	129,789	0	0
CULP INC	COM	230215105	179	7,404	SH	SOLE	1	7,404	0	0
CUMMINS INC	COM	231021106	13,330	91,259	SH	SOLE	1	91,259	0	0
CURO GROUP HOLDINGS CORP	COM	23131L107	235	7,776	SH	SOLE	1	7,776	0	0
CURTISS WRIGHT CORP	COM	231561101	12,289	89,425	SH	SOLE	1	89,425	0	0
CUSHMAN and WAKEFIELD PLC	COM	G2717B108	512	30,134	SH	SOLE	1	30,134	0	0
CUSTOMERS BANCORP INC	COM	23204G100	542	23,014	SH	SOLE	1	23,014	0	0
CUTERA INC	COM	232109108	348	10,699	SH	SOLE	1	10,699	0	0
CVB FINANCIAL CORP	COM	126600105	1,936	86,740	SH	SOLE	1	86,740	0	0

CVR ENERGY INC	COM	12662P108	421	10,468	SH	SOLE	1	10,468	0	0
CVS HEALTH CORP	COM	126650100	517,568	6,574,802	SH	SOLE	1	6,574,802	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	433	39,093	SH	SOLE	1	39,093	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	10,670	736,371	SH	SOLE	1	736,371	0	0
CYRUSONE INC	COM	23283R100	12,773	201,460	SH	SOLE	1	201,460	0	0
CYTOKINETICS INC	COM	23282W605	366	37,159	SH	SOLE	1	37,159	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	546	29,529	SH	SOLE	1	29,529	0	0
CYTOSORBENTS CORP	COM	23283X206	255	19,731	SH	SOLE	1	19,731	0	0
DAILY JOURNAL CORP	COM	233912104	179	743	SH	SOLE	1	743	0	0
DAKTRONICS INC	COM	234264109	225	28,637	SH	SOLE	1	28,637	0	0
DANA INC	COM	235825205	7,249	388,270	SH	SOLE	1	388,270	0	0
DANAHER CORP	COM	235851102	32,307	297,323	SH	SOLE	1	297,323	0	0
DARDEN RESTAURANTS INC	COM	237194105	599,132	5,388,366	SH	SOLE	1	5,388,366	0	0
DARLING INGREDIENTS INC	COM	237266101	2,489	128,827	SH	SOLE	1	128,827	0	0
DASAN ZHONE SOLUTIONS INC	COM	23305L206	55	3,897	SH	SOLE	1	3,897	0	0
DASEKE INC	COM	23753F107	218	27,219	SH	SOLE	1	27,219	0	0
DAVE and BUSTER S ENTERTAINMEN	COM	238337109	2,069	31,238	SH	SOLE	1	31,238	0	0
DAVITA INC	COM	23918K108	3,332	46,517	SH	SOLE	1	46,517	0	0
DAWSON GEOPHYSICAL CO	COM	239360100	87	14,004	SH	SOLE	1	14,004	0	0
DDR CORP	COM	23317H854	37	2,766	SH	SOLE	1	2,766	0	0
DEAN FOODS CO	COM	242370203	509	71,663	SH	SOLE	1	71,663	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	226	5,831	SH	SOLE	1	5,831	0	0
DECKERS OUTDOOR CORP	COM	243537107	9,560	80,618	SH	SOLE	1	80,618	0	0
DEERE and CO	COM	244199105	21,726	144,521	SH	SOLE	1	144,521	0	0
DEL FRISCO S RESTAURANT GROU	COM	245077102	182	21,952	SH	SOLE	1	21,952	0	0
DEL TACO RESTAURANTS INC	COM	245496104	243	20,616	SH	SOLE	1	20,616	0	0
DELEK US HOLDINGS INC	COM	24665A103	2,353	55,449	SH	SOLE	1	55,449	0	0
DELL TECHNOLOGIES INC CL V	COM	24703L103	613	6,310	SH	SOLE	1	6,310	0	0
DELPHI TECHNOLOGIES PLC	COM	G2709G107	5,609	178,874	SH	SOLE	1	178,874	0	0
DELTA AIR LINES INC	COM	247361702	16,200	280,127	SH	SOLE	1	280,127	0	0
DELUXE CORP	COM	248019101	7,267	127,634	SH	SOLE	1	127,634	0	0
DENALI THERAPEUTICS INC	COM	24823R105	657	30,231	SH	SOLE	1	30,231	0	0
DENBURY RESOURCES INC	COM	247916208	2,239	361,145	SH	SOLE	1	361,145	0	0
DENNY S CORP	COM	24869P104	606	41,143	SH	SOLE	1	41,143	0	0
DENTSPLY SIRONA INC	COM	24906P109	4,619	122,377	SH	SOLE	1	122,377	0	0
DERMIRA INC	COM	24983L104	252	23,099	SH	SOLE	1	23,099	0	0
DEUTSCHE BANK AG	COM	251541AQ1	1,093	1,100,000	SH	SOLE	1	1,100,000	0	0
DEVON ENERGY CORP	COM	25179M103	9,749	244,096	SH	SOLE	1	244,096	0	0
DEXCOM INC	COM	252131107	302	2,112	SH	SOLE	1	2,112	0	0
DHT HOLDINGS INC	COM	Y2065G121	287	60,976	SH	SOLE	1	60,976	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	358	2,165	SH	SOLE	1	2,165	0	0
DIAMOND OFFSHORE DRILLING	COM	25271C102	3,463	173,137	SH	SOLE	1	173,137	0	0
DIAMONDBACK	COM	25278X109	552	4,081	SH	SOLE	1	4,081	0	0

ENERGY INC										
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,901	162,904	SH	SOLE	1	162,904	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	460	30,118	SH	SOLE	1	30,118	0	0
DICK S SPORTING GOODS INC	COM	253393102	5,520	155,582	SH	SOLE	1	155,582	0	0
DIEBOLD NIXDORF INC	COM	253651103	269	59,878	SH	SOLE	1	59,878	0	0
DIGI INTERNATIONAL INC	COM	253798102	284	21,139	SH	SOLE	1	21,139	0	0
DIGIMARC CORP	COM	25381B101	234	7,436	SH	SOLE	1	7,436	0	0
DIGITAL REALTY TRUST INC	COM	253868103	9,073	80,662	SH	SOLE	1	80,662	0	0
DILLARDS INC CL A	COM	254067101	3,548	46,481	SH	SOLE	1	46,481	0	0
DIME COMMUNITY BANCSHARES	COM	253922108	453	25,406	SH	SOLE	1	25,406	0	0
DINE BRANDS GLOBAL INC	COM	254423106	1,079	13,273	SH	SOLE	1	13,273	0	0
DIODES INC	COM	254543101	1,048	31,480	SH	SOLE	1	31,480	0	0
DIPLOMAT PHARMACY INC	COM	25456K101	865	44,551	SH	SOLE	1	44,551	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	11,769	153,943	SH	SOLE	1	153,943	0	0
DISCOVERY INC A	COM	25470F104	2,278	71,174	SH	SOLE	1	71,174	0	0
DISCOVERY INC C	COM	25470F302	4,445	150,264	SH	SOLE	1	150,264	0	0
DISH NETWORK CORP A	COM	25470M109	4,120	115,226	SH	SOLE	1	115,226	0	0
DMC GLOBAL INC	COM	23291C103	386	9,473	SH	SOLE	1	9,473	0	0
DOCUSIGN INC	COM	256163106	32	605	SH	SOLE	1	605	0	0
DOLBY LABORATORIES INC CL A	COM	25659T107	77	1,095	SH	SOLE	1	1,095	0	0
DOLLAR GENERAL CORP	COM	256677105	10,490	95,975	SH	SOLE	1	95,975	0	0
DOLLAR TREE INC	COM	256746108	9,470	116,122	SH	SOLE	1	116,122	0	0
DOMINION ENERGY INC	COM	25746U109	15,548	221,234	SH	SOLE	1	221,234	0	0
DOMINO S PIZZA INC	COM	25754A201	25,170	85,379	SH	SOLE	1	85,379	0	0
DOMO INC CLASS B	COM	257554105	114	5,333	SH	SOLE	1	5,333	0	0
DOMTAR CORP	COM	257559203	6,670	127,844	SH	SOLE	1	127,844	0	0
DONALDSON CO INC	COM	257651109	15,319	262,936	SH	SOLE	1	262,936	0	0
DONEGAL GROUP INC CL A	COM	257701201	88	6,218	SH	SOLE	1	6,218	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	475	26,482	SH	SOLE	1	26,482	0	0
DORIAN LPG LTD	COM	Y2106R110	147	18,388	SH	SOLE	1	18,388	0	0
DORMAN PRODUCTS INC	COM	258278100	1,645	21,383	SH	SOLE	1	21,383	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	647	14,736	SH	SOLE	1	14,736	0	0
DOUGLAS EMMETT INC	COM	25960P109	12,377	328,123	SH	SOLE	1	328,123	0	0
DOVA PHARMACEUTICALS INC	COM	25985T102	164	7,815	SH	SOLE	1	7,815	0	0
DOVER CORP	COM	260003108	5,431	61,346	SH	SOLE	1	61,346	0	0
DOWDUPONT INC	COM	26078J100	51,043	793,697	SH	SOLE	1	793,697	0	0
DR HORTON INC	COM	23331A109	5,324	126,227	SH	SOLE	1	126,227	0	0
DR. REDDY S LABORATORIES ADR	ADR	256135203	11	321	SH	SOLE	1	321	0	0
DRIL QUIP INC	COM	262037104	5,252	100,512	SH	SOLE	1	100,512	0	0
DRIVE SHACK INC	COM	262077100	239	40,118	SH	SOLE	1	40,118	0	0
DSP GROUP INC	COM	23332B106	28	2,378	SH	SOLE	1	2,378	0	0
DSW INC CLASS A	COM	23334L102	1,826	53,890	SH	SOLE	1	53,890	0	0
DTE ENERGY COMPANY	COM	233331107	7,182	65,807	SH	SOLE	1	65,807	0	0



DUCOMMUN INC	COM	264147109	288	7,057	SH	SOLE	1	7,057	0	0
DUKE ENERGY CORP	COM	26441C204	19,608	245,037	SH	SOLE	1	245,037	0	0
DUKE REALTY CORP	COM	264411505	3,670	129,364	SH	SOLE	1	129,364	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	172	5,475	SH	SOLE	1	5,475	0	0
DUN and BRADSTREET CORP	COM	26483E100	10,769	75,568	SH	SOLE	1	75,568	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	12,590	170,785	SH	SOLE	1	170,785	0	0
DURECT CORPORATION	COM	266605104	114	103,988	SH	SOLE	1	103,988	0	0
DXC TECHNOLOGY CO	COM	23355L106	10,490	112,170	SH	SOLE	1	112,170	0	0
DXP ENTERPRISES INC	COM	233377407	501	12,492	SH	SOLE	1	12,492	0	0
DYCOM INDUSTRIES INC	COM	267475101	7,019	82,972	SH	SOLE	1	82,972	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	513	41,361	SH	SOLE	1	41,361	0	0
DYNEX CAPITAL INC	COM	26817Q506	236	36,989	SH	SOLE	1	36,989	0	0
E TRADE FINANCIAL CORP	COM	269246401	5,156	98,408	SH	SOLE	1	98,408	0	0
EAGLE BANCORP INC	COM	268948106	1,071	21,169	SH	SOLE	1	21,169	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A143	178	31,652	SH	SOLE	1	31,652	0	0
EAGLE MATERIALS INC	COM	26969P108	8,301	97,379	SH	SOLE	1	97,379	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	580	8,366	SH	SOLE	1	8,366	0	0
EARTHSTONE ENERGY INC A	COM	27032D304	117	12,526	SH	SOLE	1	12,526	0	0
EAST WEST BANCORP INC	COM	27579R104	17,787	294,634	SH	SOLE	1	294,634	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	921	47,529	SH	SOLE	1	47,529	0	0
EASTERN CO/THE	COM	276317104	103	3,618	SH	SOLE	1	3,618	0	0
EASTGROUP PROPERTIES INC	COM	277276101	2,649	27,700	SH	SOLE	1	27,700	0	0
EASTMAN CHEMICAL CO	COM	277432100	6,629	69,252	SH	SOLE	1	69,252	0	0
EASTMAN KODAK CO	COM	277461406	35	11,224	SH	SOLE	1	11,224	0	0
EATON CORP PLC	COM	G29183103	16,269	187,587	SH	SOLE	1	187,587	0	0
EATON VANCE CORP	COM	278265103	13,034	247,987	SH	SOLE	1	247,987	0	0
EBAY INC	COM	278642103	13,083	396,201	SH	SOLE	1	396,201	0	0
EBIX INC	COM	278715206	1,483	18,731	SH	SOLE	1	18,731	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	682	22,038	SH	SOLE	1	22,038	0	0
ECHOSTAR CORP A	COM	278768106	40	867	SH	SOLE	1	867	0	0
ECLIPSE RESOURCES CORP	COM	27890G100	69	58,391	SH	SOLE	1	58,391	0	0
ECOLAB INC	COM	278865100	18,653	118,974	SH	SOLE	1	118,974	0	0
ECOPETROL SA	COM	279158AB5	2,073	2,000,000	SH	SOLE	1	2,000,000	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	8,517	184,221	SH	SOLE	1	184,221	0	0
EDISON INTERNATIONAL	COM	281020107	7,975	117,839	SH	SOLE	1	117,839	0	0
EDITAS MEDICINE INC	COM	28106W103	964	30,281	SH	SOLE	1	30,281	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	16,080	92,358	SH	SOLE	1	92,358	0	0
EGAIN CORP	COM	28225C806	95	11,726	SH	SOLE	1	11,726	0	0
EHEALTH INC	COM	28238P109	407	14,407	SH	SOLE	1	14,407	0	0
EIDOS THERAPEUTICS I	COM	28249H104	2,345	235,000	SH	SOLE	2	235,000	0	0
EIDOS THERAPEUTICS INC	COM	28249H104	48	4,812	SH	SOLE	1	4,812	0	0
EL PASO ELECTRIC CO	COM	283677854	1,821	31,833	SH	SOLE	1	31,833	0	0

EL POLLO LOCO HOLDINGS INC	COM	268603107	212	16,906	SH	SOLE	1	16,906	0	0
ELDORADO RESORTS INC	COM	28470R102	8,484	174,573	SH	SOLE	1	174,573	0	0
ELECTRO SCIENTIFIC INDS INC	COM	285229100	447	25,596	SH	SOLE	1	25,596	0	0
ELECTROCORE INC	COM	28531P103	56	4,004	SH	SOLE	1	4,004	0	0
ELECTRONIC ARTS INC	COM	285512109	15,914	132,076	SH	SOLE	1	132,076	0	0
ELECTRONICS FOR IMAGING	COM	286082102	1,192	34,963	SH	SOLE	1	34,963	0	0
ELEVATE CREDIT INC	COM	28621V101	110	13,672	SH	SOLE	1	13,672	0	0
ELF BEAUTY INC	COM	26856L103	188	14,781	SH	SOLE	1	14,781	0	0
ELI LILLY and CO	COM	532457108	34,364	320,229	SH	SOLE	1	320,229	0	0
ELLIE MAE INC	COM	28849P100	2,149	22,679	SH	SOLE	1	22,679	0	0
ELOXX PHARMACEUTICALS INC	COM	29014R103	254	14,879	SH	SOLE	1	14,879	0	0
EMC INS GROUP INC	COM	268664109	152	6,132	SH	SOLE	1	6,132	0	0
EMCOR GROUP INC	COM	29084Q100	11,701	155,782	SH	SOLE	1	155,782	0	0
EMERALD EXPOSITIONS EVENTS I	COM	29103B100	271	16,456	SH	SOLE	1	16,456	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	2,296	34,877	SH	SOLE	1	34,877	0	0
EMERSON ELECTRIC CO	COM	291011104	36,123	471,707	SH	SOLE	1	471,707	0	0
EMPIRE RESORTS INC	COM	292052305	22	2,340	SH	SOLE	1	2,340	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	41	2,443	SH	SOLE	1	2,443	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	1,150	25,380	SH	SOLE	1	25,380	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	1,113	13,026	SH	SOLE	1	13,026	0	0
ENCANA CORP	COM	292505955	429	32,765	SH	SOLE	1	32,765	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	15,711	201,546	SH	SOLE	1	201,546	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	730	20,375	SH	SOLE	1	20,375	0	0
ENCORE WIRE CORP	COM	292562105	804	16,054	SH	SOLE	1	16,054	0	0
ENDO INTERNATIONAL PLC	COM	G30401106	2,911	172,942	SH	SOLE	1	172,942	0	0
ENDOCYTE INC	COM	29269A102	766	43,119	SH	SOLE	1	43,119	0	0
ENDOLOGIX INC	COM	29266S106	105	55,165	SH	SOLE	1	55,165	0	0
ENDURANCE INTERNATIONAL GROU	COM	29272B105	410	46,574	SH	SOLE	1	46,574	0	0
ENERGEN CORP	COM	29265N108	14,363	166,687	SH	SOLE	1	166,687	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	7,137	121,692	SH	SOLE	1	121,692	0	0
ENERGOUS CORP	COM	29272C103	156	15,453	SH	SOLE	1	15,453	0	0
ENERGY FUELS INC	COM	292671708	179	54,613	SH	SOLE	1	54,613	0	0
ENERGY RECOVERY INC	COM	29270J100	214	23,908	SH	SOLE	1	23,908	0	0
ENERGY TRANSFER OPERATNG	COM	29273RAN9	2,048	2,000,000	SH	SOLE	1	2,000,000	0	0
ENERGY XXI GULF COAST INC	COM	29276K101	182	21,729	SH	SOLE	1	21,729	0	0
ENERSYS	COM	29275Y102	9,829	112,811	SH	SOLE	1	112,811	0	0
ENGILITY HOLDINGS INC	COM	29286C107	513	14,251	SH	SOLE	1	14,251	0	0
ENLINK MIDSTREAM PARTNER	COM	29336UAF4	1,939	2,000,000	SH	SOLE	1	2,000,000	0	0
ENNIS INC	COM	293389102	348	17,007	SH	SOLE	1	17,007	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	756	26,247	SH	SOLE	1	26,247	0	0
ENPHASE ENERGY INC	COM	29355A107	278	57,393	SH	SOLE	1	57,393	0	0

ENPRO INDUSTRIES INC	COM	29355X107	1,188	16,293	SH	SOLE	1	16,293	0	0
ENSCO PLC CL A	COM	G3157S106	7,432	880,627	SH	SOLE	1	880,627	0	0
ENSIGN GROUP INC/THE	COM	29358P101	1,466	38,667	SH	SOLE	1	38,667	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,666	7,992	SH	SOLE	1	7,992	0	0
ENTEGRA FINANCIAL CORP	COM	29363J108	118	4,455	SH	SOLE	1	4,455	0	0
ENTEGRIS INC	COM	29362U104	2,727	94,202	SH	SOLE	1	94,202	0	0
ENTERCOM COMMUNICATIONS CL A	COM	293639100	671	84,954	SH	SOLE	1	84,954	0	0
ENERGY CORP	COM	29364G103	5,313	65,490	SH	SOLE	1	65,490	0	0
ENTERPRISE BANCORP INC	COM	293668109	220	6,392	SH	SOLE	1	6,392	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	801	15,098	SH	SOLE	1	15,098	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	209	42,732	SH	SOLE	1	42,732	0	0
ENVESTNET INC	COM	29404K106	1,787	29,314	SH	SOLE	1	29,314	0	0
ENVIROSTAR INC	COM	29414M100	97	2,487	SH	SOLE	1	2,487	0	0
ENVISION HEALTHCARE CORP	COM	29414D100	2,011	43,982	SH	SOLE	1	43,982	0	0
ENZO BIOCHEM INC	COM	294100102	120	29,216	SH	SOLE	1	29,216	0	0
EOG RESOURCES INC	COM	26875P101	29,481	231,098	SH	SOLE	1	231,098	0	0
EP ENERGY CORP CL A	COM	268785102	64	27,463	SH	SOLE	1	27,463	0	0
EPAM SYSTEMS INC	COM	29414B104	169	1,227	SH	SOLE	1	1,227	0	0
EPIZYME INC	COM	29428V104	368	34,710	SH	SOLE	1	34,710	0	0
EPLUS INC	COM	294268107	978	10,551	SH	SOLE	1	10,551	0	0
EPR PROPERTIES	COM	26884U109	10,338	151,125	SH	SOLE	1	151,125	0	0
EQT CORP	COM	26884L109	4,729	106,922	SH	SOLE	1	106,922	0	0
EQUIFAX INC	COM	294429105	5,581	42,740	SH	SOLE	1	42,740	0	0
EQUINIX INC	COM	29444U700	13,878	32,058	SH	SOLE	1	32,058	0	0
EQUITY BANCSHARES INC CL A	COM	29460X109	348	8,870	SH	SOLE	1	8,870	0	0
EQUITY COMMONWEALTH	COM	294628102	68	2,128	SH	SOLE	1	2,128	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	197	2,047	SH	SOLE	1	2,047	0	0
EQUITY RESIDENTIAL	COM	29476L107	10,080	152,127	SH	SOLE	1	152,127	0	0
ERA GROUP INC	COM	26885G109	196	15,874	SH	SOLE	1	15,874	0	0
ERIE INDEMNITY COMPANY CL A	COM	29530P102	71	560	SH	SOLE	1	560	0	0
EROS INTERNATIONAL PLC	COM	G3788M114	286	23,730	SH	SOLE	1	23,730	0	0
ESCALADE INC	COM	296056104	91	7,067	SH	SOLE	1	7,067	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,364	20,050	SH	SOLE	1	20,050	0	0
ESPERION THERAPEUTICS INC	COM	29664W105	674	15,180	SH	SOLE	1	15,180	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	99	3,961	SH	SOLE	1	3,961	0	0
ESSA BANCORP INC	COM	29667D104	103	6,309	SH	SOLE	1	6,309	0	0
ESSENDANT INC	COM	296689102	369	28,747	SH	SOLE	1	28,747	0	0
ESSENT GROUP LTD	COM	G3198U102	2,820	63,734	SH	SOLE	1	63,734	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	335	23,620	SH	SOLE	1	23,620	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	5,957	24,146	SH	SOLE	1	24,146	0	0
ESTEE LAUDER COMPANIES CL A	COM	518439104	11,530	79,344	SH	SOLE	1	79,344	0	0
ESTERLINE TECHNOLOGIES CORP	COM	297425100	6,435	70,748	SH	SOLE	1	70,748	0	0
ETHAN ALLEN	COM	297602104	392	18,877	SH	SOLE	1	18,877	0	0

INTERIORS INC										
ETSY INC	COM	29786A106	4,074	79,285	SH	SOLE	1	79,285	0	0
EURONET WORLDWIDE INC	COM	298736109	105	1,043	SH	SOLE	1	1,043	0	0
EVANS BANCORP INC	COM	29911Q208	145	3,097	SH	SOLE	1	3,097	0	0
EVELO BIOSCIENCES INC	COM	299734103	43	3,557	SH	SOLE	1	3,557	0	0
EVERBRIDGE INC	COM	29978A104	1,026	17,807	SH	SOLE	1	17,807	0	0
EVERCORE INC A	COM	29977A105	8,394	83,484	SH	SOLE	1	83,484	0	0
EVEREST RE GROUP LTD	COM	G3223R108	4,018	17,585	SH	SOLE	1	17,585	0	0
EVERGY INC	COM	30034W106	5,402	98,368	SH	SOLE	1	98,368	0	0
EVERI HOLDINGS INC	COM	30034T103	397	43,282	SH	SOLE	1	43,282	0	0
EVERSOURCE ENERGY	COM	30040W108	11,173	181,851	SH	SOLE	1	181,851	0	0
EVERTEC INC	COM	30040P103	1,152	47,789	SH	SOLE	1	47,789	0	0
EVO PAYMENTS INC CLASS A	COM	26927E104	258	10,781	SH	SOLE	1	10,781	0	0
EVOLENT HEALTH INC A	COM	30050B101	1,284	45,223	SH	SOLE	1	45,223	0	0
EVOLUS INC	COM	30052C107	112	6,039	SH	SOLE	1	6,039	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	187	16,899	SH	SOLE	1	16,899	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	893	50,225	SH	SOLE	1	50,225	0	0
EW SCRIPPS CO/THE A	COM	811054402	615	37,258	SH	SOLE	1	37,258	0	0
EXACT SCIENCES CORP	COM	30063P105	228	2,894	SH	SOLE	1	2,894	0	0
EXANTAS CAPITAL CORP	COM	30068N105	1,434	130,596	SH	SOLE	1	130,596	0	0
EXELA TECHNOLOGIES INC	COM	30162V102	224	31,448	SH	SOLE	1	31,448	0	0
EXELIXIS INC	COM	30161Q104	10,765	607,533	SH	SOLE	1	607,533	0	0
EXELON CORP	COM	30161N101	14,506	332,255	SH	SOLE	1	332,255	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	1,743	26,328	SH	SOLE	1	26,328	0	0
EXPEDIA GROUP INC	COM	30212P303	7,278	55,780	SH	SOLE	1	55,780	0	0
EXPEDITORS INTL WASH INC	COM	302130109	5,478	74,502	SH	SOLE	1	74,502	0	0
EXPONENT INC	COM	30214U102	2,175	40,581	SH	SOLE	1	40,581	0	0
EXPRESS INC	COM	30219E103	635	57,377	SH	SOLE	1	57,377	0	0
EXPRESS SCRIPTS HOLDING CO	COM	30219G108	25,458	267,949	SH	SOLE	1	267,949	0	0
EXTENDED STAY AMERICA INC	COM	30224P200	83	4,117	SH	SOLE	1	4,117	0	0
EXTERRAN CORP	COM	30227H106	672	25,328	SH	SOLE	1	25,328	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	4,195	48,414	SH	SOLE	1	48,414	0	0
EXTRACTION OIL and GAS INC	COM	30227M105	23	2,005	SH	SOLE	1	2,005	0	0
EXTREME NETWORKS INC	COM	30226D106	496	90,566	SH	SOLE	1	90,566	0	0
EXXON MOBIL CORP	COM	30231G102	605,188	7,118,180	SH	SOLE	1	7,118,180	0	0
EZCORP INC CL A	COM	302301106	423	39,499	SH	SOLE	1	39,499	0	0
F5 NETWORKS INC	COM	315616102	4,363	21,879	SH	SOLE	1	21,879	0	0
FABRINET	COM	G3323L100	1,312	28,359	SH	SOLE	1	28,359	0	0
FACEBOOK INC CLASS A	COM	30303M102	153,346	932,421	SH	SOLE	1	932,421	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	17,493	78,194	SH	SOLE	1	78,194	0	0
FAIR ISAAC CORP	COM	303250104	13,582	59,426	SH	SOLE	1	59,426	0	0
FARMER BROS CO	COM	307675108	176	6,661	SH	SOLE	1	6,661	0	0
FARMERS and MERCHANTS BANCO/OH	COM	30779N105	252	5,926	SH	SOLE	1	5,926	0	0

FARMERS NATL BANC CORP	COM	309627107	257	16,811	SH	SOLE	1	16,811	0	0
FARMLAND PARTNERS INC	COM	31154R109	141	21,045	SH	SOLE	1	21,045	0	0
FARO TECHNOLOGIES INC	COM	311642102	851	13,221	SH	SOLE	1	13,221	0	0
FASTENAL CO	COM	311900104	21,795	375,645	SH	SOLE	1	375,645	0	0
FATE THERAPEUTICS INC	COM	31189P102	543	33,317	SH	SOLE	1	33,317	0	0
FB FINANCIAL CORP	COM	30257X104	425	10,854	SH	SOLE	1	10,854	0	0
FBL FINANCIAL GROUP INC CL A	COM	30239F106	494	6,561	SH	SOLE	1	6,561	0	0
FCB FINANCIAL HOLDINGS CL A	COM	30255G103	1,334	28,151	SH	SOLE	1	28,151	0	0
FEDERAL REALTY INVS TRUST	COM	313747206	3,687	29,151	SH	SOLE	1	29,151	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,252	46,757	SH	SOLE	1	46,757	0	0
FEDERATED INVESTORS INC CL B	COM	314211103	6,202	257,125	SH	SOLE	1	257,125	0	0
FEDEX CORP	COM	31428X106	19,660	81,647	SH	SOLE	1	81,647	0	0
FEDNAT HOLDING CO	COM	31431B109	194	7,625	SH	SOLE	1	7,625	0	0
FENNEC PHARMACEUTICALS INC	COM	31447P100	63	7,697	SH	SOLE	1	7,697	0	0
FERRO CORP	COM	315405100	1,299	55,950	SH	SOLE	1	55,950	0	0
FGL HOLDINGS	COM	G3402M102	842	94,091	SH	SOLE	1	94,091	0	0
FIBROGEN INC	COM	31572Q808	3,013	49,596	SH	SOLE	1	49,596	0	0
FIDELITY D and D BANCORP INC	COM	31609R100	128	1,853	SH	SOLE	1	1,853	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	3,118	79,250	SH	SOLE	1	79,250	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	15,914	145,903	SH	SOLE	1	145,903	0	0
FIDELITY SOUTHERN CORP	COM	316394105	427	17,230	SH	SOLE	1	17,230	0	0
FIESTA RESTAURANT GROUP	COM	31660B101	498	18,615	SH	SOLE	1	18,615	0	0
FIFTH THIRD BANCORP	COM	316773100	10,310	369,275	SH	SOLE	1	369,275	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	320	10,189	SH	SOLE	1	10,189	0	0
FINISAR CORPORATION	COM	31787A507	1,755	92,146	SH	SOLE	1	92,146	0	0
FIREEYE INC	COM	31816Q101	71	4,171	SH	SOLE	1	4,171	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	11,707	226,922	SH	SOLE	1	226,922	0	0
FIRST BANCORP INC/ME	COM	31866P102	195	6,740	SH	SOLE	1	6,740	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,532	168,304	SH	SOLE	1	168,304	0	0
FIRST BANCORP/NC	COM	318910106	787	19,417	SH	SOLE	1	19,417	0	0
FIRST BANCSHARES INC/MS	COM	318916103	321	8,217	SH	SOLE	1	8,217	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	142	10,828	SH	SOLE	1	10,828	0	0
FIRST BUSEY CORP	COM	319383204	901	29,009	SH	SOLE	1	29,009	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	128	5,504	SH	SOLE	1	5,504	0	0
FIRST CAPITAL REALTY INC	COM	31943B951	453	29,984	SH	SOLE	1	29,984	0	0
FIRST CHOICE BANCORP	COM	31948P104	161	5,955	SH	SOLE	1	5,955	0	0
FIRST CITIZENS BCSHS CL A	COM	31946M103	65	143	SH	SOLE	1	143	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	1,267	78,474	SH	SOLE	1	78,474	0	0

FIRST COMMUNITY BANKSHARES	COM	31983A103	363	10,719	SH	SOLE	1	10,719	0	0
FIRST COMMUNITY CORP	COM	319835104	115	4,758	SH	SOLE	1	4,758	0	0
FIRST CONNECTICUT BANCORP	COM	319850103	278	9,393	SH	SOLE	1	9,393	0	0
FIRST DATA CORP CLASS A	COM	32008D106	322	13,156	SH	SOLE	1	13,156	0	0
FIRST DEFIANCE FINL CORP	COM	32006W106	398	13,234	SH	SOLE	1	13,234	0	0
FIRST FINANCIAL BANCORP	COM	320209109	2,236	75,299	SH	SOLE	1	75,299	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	397	7,904	SH	SOLE	1	7,904	0	0
FIRST FINANCIAL NORTHWEST	COM	32022K102	92	5,531	SH	SOLE	1	5,531	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	3,036	51,368	SH	SOLE	1	51,368	0	0
FIRST FOUNDATION INC	COM	32026V104	395	25,275	SH	SOLE	1	25,275	0	0
FIRST GUARANTY BANCSHARES IN	COM	32043P106	82	3,195	SH	SOLE	1	3,195	0	0
FIRST HAWAIIAN INC	COM	32051X108	53	1,937	SH	SOLE	1	1,937	0	0
FIRST HORIZON NATIONAL CORP	COM	320517105	11,403	660,645	SH	SOLE	1	660,645	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	10,565	336,479	SH	SOLE	1	336,479	0	0
FIRST INTERNET BANCORP	COM	320557101	197	6,478	SH	SOLE	1	6,478	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	978	21,828	SH	SOLE	1	21,828	0	0
FIRST MERCHANTS CORP	COM	320817109	1,474	32,771	SH	SOLE	1	32,771	0	0
FIRST MID ILLINOIS BNCSHS	COM	320866106	340	8,421	SH	SOLE	1	8,421	0	0
FIRST MIDWEST BANCORP INC/IL	COM	320867104	2,142	80,552	SH	SOLE	1	80,552	0	0
FIRST NORTHWEST BANCORP	COM	335834107	97	6,324	SH	SOLE	1	6,324	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	354	16,283	SH	SOLE	1	16,283	0	0
FIRST REPUBLIC BANK/CA	COM	33616C100	652	6,787	SH	SOLE	1	6,787	0	0
FIRST SAVINGS FINANCIAL GRP	COM	33621E109	82	1,208	SH	SOLE	1	1,208	0	0
FIRST SOLAR INC	COM	336433107	7,433	153,508	SH	SOLE	1	153,508	0	0
FIRST UNITED CORP	COM	33741H107	85	4,536	SH	SOLE	1	4,536	0	0
FIRSTCASH INC	COM	33767D105	2,808	34,244	SH	SOLE	1	34,244	0	0
FIRSTENERGY CORP	COM	337932107	8,090	217,648	SH	SOLE	1	217,648	0	0
FISERV INC	COM	337738108	17,561	213,175	SH	SOLE	1	213,175	0	0
FITBIT INC A	COM	33812L102	748	139,875	SH	SOLE	1	139,875	0	0
FIVE BELOW	COM	33829M101	19,317	148,525	SH	SOLE	1	148,525	0	0
FIVE PRIME THERAPEUTICS INC	COM	33830X104	310	22,249	SH	SOLE	1	22,249	0	0
FIVE9 INC	COM	338307101	1,663	38,056	SH	SOLE	1	38,056	0	0
FLAGSTAR BANCORP INC	COM	337930705	617	19,608	SH	SOLE	1	19,608	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	7,406	32,504	SH	SOLE	1	32,504	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	417	22,283	SH	SOLE	1	22,283	0	0
FLEXSTEEL INDS	COM	339382103	145	4,865	SH	SOLE	1	4,865	0	0
FLIR SYSTEMS INC	COM	302445101	2,988	48,609	SH	SOLE	1	48,609	0	0
FLOOR and DECOR HOLDINGS INC A	COM	339750101	28	924	SH	SOLE	1	924	0	0

FLOTEK INDUSTRIES INC	COM	343389102	103	42,825	SH	SOLE	1	42,825	0	0
FLOWERS FOODS INC	COM	343498101	6,958	372,878	SH	SOLE	1	372,878	0	0
FLOWERVE CORP	COM	34354P105	2,811	51,405	SH	SOLE	1	51,405	0	0
FLUENT INC	COM	34380C102	46	21,620	SH	SOLE	1	21,620	0	0
FLUIDIGM CORP	COM	34385P108	130	17,418	SH	SOLE	1	17,418	0	0
FLUOR CORP	COM	343412102	2,958	50,914	SH	SOLE	1	50,914	0	0
FLUSHING FINANCIAL CORP	COM	343873105	444	18,191	SH	SOLE	1	18,191	0	0
FMC CORP	COM	302491303	4,106	47,095	SH	SOLE	1	47,095	0	0
FNB CORP	COM	302520101	8,384	659,124	SH	SOLE	1	659,124	0	0
FOCUS FINANCIAL PARTNERS A	COM	34417P100	593	12,488	SH	SOLE	1	12,488	0	0
FONAR CORP	COM	344437405	102	4,086	SH	SOLE	1	4,086	0	0
FOOT LOCKER INC	COM	344849104	15,682	307,617	SH	SOLE	1	307,617	0	0
FORD MOTOR CO	COM	345370860	15,798	1,707,885	SH	SOLE	1	1,707,885	0	0
FORESCOUT TECHNOLOGIES INC	COM	34553D101	753	19,930	SH	SOLE	1	19,930	0	0
FOREST CITY REALTY TRUST A	COM	345605109	97	3,859	SH	SOLE	1	3,859	0	0
FORESTAR GROUP INC	COM	346232101	148	6,998	SH	SOLE	1	6,998	0	0
FORMFACTOR INC	COM	346375108	798	58,065	SH	SOLE	1	58,065	0	0
FORRESTER RESEARCH INC	COM	346563109	369	8,038	SH	SOLE	1	8,038	0	0
FORTERRA INC	COM	34960W106	93	12,522	SH	SOLE	1	12,522	0	0
FORTINET INC	COM	34959E109	27,036	293,005	SH	SOLE	1	293,005	0	0
FORTIS INC	COM	349553958	278	8,562	SH	SOLE	1	8,562	0	0
FORTIVE CORP W/D	COM	34959J108	12,019	142,742	SH	SOLE	1	142,742	0	0
FORTRESS BIOTECH INC	COM	34960Q109	37	23,207	SH	SOLE	1	23,207	0	0
FORTUNE BRANDS HOME and SECURI	COM	34964C106	2,613	49,899	SH	SOLE	1	49,899	0	0
FORTY SEVEN INC	COM	34983P104	81	5,417	SH	SOLE	1	5,417	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V100	556	53,761	SH	SOLE	1	53,761	0	0
FORWARD AIR CORP	COM	349853101	1,652	23,046	SH	SOLE	1	23,046	0	0
FOSSIL GROUP INC	COM	34988V106	834	35,811	SH	SOLE	1	35,811	0	0
FOSTER (LB) CO A	COM	350060109	136	6,612	SH	SOLE	1	6,612	0	0
FOUNDATION BUILDING MATERIAL	COM	350392106	122	9,783	SH	SOLE	1	9,783	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,364	53,099	SH	SOLE	1	53,099	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	2,000	28,550	SH	SOLE	1	28,550	0	0
FRANCESCAS HOLDINGS CORP	COM	351793104	102	27,503	SH	SOLE	1	27,503	0	0
FRANCO NEVADA CORP	COM	351858956	154	2,469	SH	SOLE	1	2,469	0	0
FRANK S INTERNATIONAL NV	COM	N33462107	422	48,576	SH	SOLE	1	48,576	0	0
FRANKLIN COVEY CO	COM	353469109	153	6,485	SH	SOLE	1	6,485	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	1,677	35,501	SH	SOLE	1	35,501	0	0
FRANKLIN FINANCIAL NETWORK	COM	35352P104	390	9,968	SH	SOLE	1	9,968	0	0
FRANKLIN RESOURCES INC	COM	354613101	8,502	279,577	SH	SOLE	1	279,577	0	0
FRANKLIN STREET PROPERTIES C	COM	35471R106	657	82,251	SH	SOLE	1	82,251	0	0
FREEMPORT MCMORAN INC	COM	35671D857	7,304	524,687	SH	SOLE	1	524,687	0	0
FREIGHTCAR AMERICA INC	COM	357023100	127	7,923	SH	SOLE	1	7,923	0	0
FRESH DEL MONTE	COM	G36738105	684	20,192	SH	SOLE	1	20,192	0	0

PRODUCE INC											
FRESHPET INC	COM	358039105	639	17,411	SH	SOLE	1	17,411	0	0	
FRONT YARD RESIDENTIAL CORP	COM	35904G107	355	32,727	SH	SOLE	1	32,727	0	0	
FRONTIER COMMUNICATIONS CORP	COM	35906A306	533	82,112	SH	SOLE	1	82,112	0	0	
FRONTLINE LTD	COM	G3682E192	297	51,035	SH	SOLE	1	51,035	0	0	
FRP HOLDINGS INC	COM	30292L107	291	4,694	SH	SOLE	1	4,694	0	0	
FS BANCORP INC	COM	30263Y104	117	2,096	SH	SOLE	1	2,096	0	0	
FTI CONSULTING INC	COM	302941109	2,186	29,866	SH	SOLE	1	29,866	0	0	
FTS INTERNATIONAL INC	COM	30283W104	255	21,588	SH	SOLE	1	21,588	0	0	
FUELCELL ENERGY INC	COM	35952H502	61	56,940	SH	SOLE	1	56,940	0	0	
FULTON FINANCIAL CORP	COM	360271100	7,805	468,777	SH	SOLE	1	468,777	0	0	
FUNKO INC CLASS A	COM	361008105	165	6,966	SH	SOLE	1	6,966	0	0	
FUSION CONNECT INC	COM	36116X102	36	14,180	SH	SOLE	1	14,180	0	0	
FUTUREFUEL CORP	COM	36116M106	376	20,278	SH	SOLE	1	20,278	0	0	
G III APPAREL GROUP LTD	COM	36237H101	1,636	33,944	SH	SOLE	1	33,944	0	0	
G1 THERAPEUTICS INC	COM	3621LQ109	723	13,827	SH	SOLE	1	13,827	0	0	
GAIA INC	COM	36269P104	115	7,467	SH	SOLE	1	7,467	0	0	
GAIN CAPITAL HOLDINGS INC	COM	36268W100	118	18,149	SH	SOLE	1	18,149	0	0	
GAMCO INVESTORS INC A	COM	361438104	66	2,801	SH	SOLE	1	2,801	0	0	
GAMESTOP CORP CLASS A	COM	36467W109	1,886	123,535	SH	SOLE	1	123,535	0	0	
GAMING AND LEISURE PROPERTIE	COM	36467J108	144	4,094	SH	SOLE	1	4,094	0	0	
GANNETT CO INC	COM	36473H104	890	88,941	SH	SOLE	1	88,941	0	0	
GAP INC/THE	COM	364760108	468,270	16,231,211	SH	SOLE	1	16,231,211	0	0	
GARDNER DENVER HOLDINGS INC	COM	36555P107	61	2,139	SH	SOLE	1	2,139	0	0	
GARMIN LTD	COM	H2906T109	4,293	61,282	SH	SOLE	1	61,282	0	0	
GARTNER INC	COM	366651107	5,377	33,923	SH	SOLE	1	33,923	0	0	
GASLOG LTD	COM	G37585109	534	27,030	SH	SOLE	1	27,030	0	0	
GATES INDUSTRIAL CORP PLC	COM	G39108108	16	805	SH	SOLE	1	805	0	0	
GATX CORP	COM	361448103	8,737	100,899	SH	SOLE	1	100,899	0	0	
GCI LIBERTY INC CLASS A	COM	36164V305	1,048	20,540	SH	SOLE	1	20,540	0	0	
GCP APPLIED TECHNOLOGIES	COM	36164Y101	1,267	47,719	SH	SOLE	1	47,719	0	0	
GENCO SHIPPING and TRADING LTD	COM	Y2685T131	91	6,477	SH	SOLE	1	6,477	0	0	
GENCOR INDUSTRIES INC	COM	368678108	70	5,840	SH	SOLE	1	5,840	0	0	
GENERAC HOLDINGS INC	COM	368736104	2,270	40,249	SH	SOLE	1	40,249	0	0	
GENERAL DYNAMICS CORP	COM	369550108	21,820	106,587	SH	SOLE	1	106,587	0	0	
GENERAL ELECTRIC CO	COM	369604103	281,635	24,945,544	SH	SOLE	1	24,945,544	0	0	
GENERAL FINANCE CORP	COM	369822101	103	6,471	SH	SOLE	1	6,471	0	0	
GENERAL MILLS INC	COM	370334104	396,866	9,246,643	SH	SOLE	1	9,246,643	0	0	
GENERAL MOTORS CO	COM	37045V100	17,707	525,905	SH	SOLE	1	525,905	0	0	
GENESCO INC	COM	371532102	722	15,324	SH	SOLE	1	15,324	0	0	
GENESEE and WYOMING INC CL A	COM	371559105	11,000	120,890	SH	SOLE	1	120,890	0	0	
GENESIS HEALTHCARE INC	COM	37185X106	51	37,884	SH	SOLE	1	37,884	0	0	



GENMARK DIAGNOSTICS INC	COM	372309104	253	34,399	SH	SOLE	1	34,399	0	0
GENOMIC HEALTH INC	COM	37244C101	976	13,905	SH	SOLE	1	13,905	0	0
GENPACT LTD	COM	G3922B107	91	2,981	SH	SOLE	1	2,981	0	0
GENTEX CORP	COM	371901109	13,094	610,137	SH	SOLE	1	610,137	0	0
GENTHERM INC	COM	37253A103	1,310	28,827	SH	SOLE	1	28,827	0	0
GENUINE PARTS CO	COM	372460105	17,905	180,127	SH	SOLE	1	180,127	0	0
GENWORTH FINANCIAL INC CL A	COM	37247D106	5,601	1,343,268	SH	SOLE	1	1,343,268	0	0
GEO GROUP INC/THE	COM	36162J106	8,180	325,104	SH	SOLE	1	325,104	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	23	1,657	SH	SOLE	1	1,657	0	0
GERMAN AMERICAN BANCORP	COM	373865104	493	13,960	SH	SOLE	1	13,960	0	0
GERON CORP	COM	374163103	197	112,066	SH	SOLE	1	112,066	0	0
GETTY REALTY CORP	COM	374297109	737	25,819	SH	SOLE	1	25,819	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,144	25,085	SH	SOLE	1	25,085	0	0
GILEAD SCIENCES INC	COM	375558103	474,045	6,139,682	SH	SOLE	1	6,139,682	0	0
GLACIER BANCORP INC	COM	37637Q105	2,872	66,650	SH	SOLE	1	66,650	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	357	18,657	SH	SOLE	1	18,657	0	0
GLADSTONE LAND CORP	COM	376549101	107	8,670	SH	SOLE	1	8,670	0	0
GLATFELTER	COM	377316104	653	34,166	SH	SOLE	1	34,166	0	0
GLAUKOS CORP	COM	377322102	1,422	21,903	SH	SOLE	1	21,903	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	1,260	33,149	SH	SOLE	1	33,149	0	0
GLOBAL BRASS and COPPER HOLDIN	COM	37953G103	533	14,434	SH	SOLE	1	14,434	0	0
GLOBAL INDEMNITY LTD	COM	G3933F105	210	5,576	SH	SOLE	1	5,576	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	118	12,566	SH	SOLE	1	12,566	0	0
GLOBAL NET LEASE INC	COM	379378201	1,175	56,331	SH	SOLE	1	56,331	0	0
GLOBAL PAYMENTS INC	COM	37940X102	7,126	55,932	SH	SOLE	1	55,932	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	76	7,175	SH	SOLE	1	7,175	0	0
GLOBUS MEDICAL INC A	COM	379577208	11,119	195,893	SH	SOLE	1	195,893	0	0
GLU MOBILE INC	COM	379890106	552	74,031	SH	SOLE	1	74,031	0	0
GLYCOMIMETICS INC	COM	38000Q102	325	22,598	SH	SOLE	1	22,598	0	0
GMS INC	COM	36251C103	501	21,610	SH	SOLE	1	21,610	0	0
GNC HOLDINGS INC CL A	COM	36191G107	226	54,486	SH	SOLE	1	54,486	0	0
GODADDY INC CLASS A	COM	380237107	323	3,873	SH	SOLE	1	3,873	0	0
GOGO INC	COM	38046C109	199	38,280	SH	SOLE	1	38,280	0	0
GOLAR LNG LTD	COM	G9456A100	1,745	62,784	SH	SOLE	1	62,784	0	0
GOLD RESOURCE CORP	COM	38068T105	180	34,929	SH	SOLE	1	34,929	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	289	12,054	SH	SOLE	1	12,054	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	27,084	120,782	SH	SOLE	1	120,782	0	0
GOODRICH PETROLEUM CORP	COM	382410843	83	5,883	SH	SOLE	1	5,883	0	0
GOODYEAR TIRE and RUBBER CO	COM	382550101	2,009	85,889	SH	SOLE	1	85,889	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	219	6,475	SH	SOLE	1	6,475	0	0
GOPRO INC CLASS A	COM	38268T103	540	74,943	SH	SOLE	1	74,943	0	0
GORMAN RUPP CO	COM	383082104	427	11,709	SH	SOLE	1	11,709	0	0
GOVERNMENT	COM	38376A103	876	77,584	SH	SOLE	1	77,584	0	0

PROPERTIES INCOME										
GP STRATEGIES CORP	COM	36225V104	139	8,230	SH	SOLE	1	8,230	0	0
GRACO INC	COM	384109104	15,790	340,751	SH	SOLE	1	340,751	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	22	1,111	SH	SOLE	1	1,111	0	0
GRAHAM CORP	COM	384556106	179	6,358	SH	SOLE	1	6,358	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	5,159	8,906	SH	SOLE	1	8,906	0	0
GRAMERCY PROPERTY TRUST	COM	385002308	2,920	106,432	SH	SOLE	1	106,432	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	129	1,141	SH	SOLE	1	1,141	0	0
GRANITE CONSTRUCTION INC	COM	387328107	5,540	121,230	SH	SOLE	1	121,230	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	651	33,769	SH	SOLE	1	33,769	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	83	5,925	SH	SOLE	1	5,925	0	0
GRAY TELEVISION INC	COM	389375106	928	53,013	SH	SOLE	1	53,013	0	0
GREAT AJAX CORP	COM	38983D300	145	10,663	SH	SOLE	1	10,663	0	0
GREAT LAKES DREDGE and DOCK CO	COM	390607109	235	37,867	SH	SOLE	1	37,867	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	406	7,327	SH	SOLE	1	7,327	0	0
GREAT WESTERN BANCORP INC	COM	391416104	1,961	46,487	SH	SOLE	1	46,487	0	0
GREEN BANCORP INC	COM	39260X100	460	20,795	SH	SOLE	1	20,795	0	0
GREEN BRICK PARTNERS INC	COM	392709101	164	16,275	SH	SOLE	1	16,275	0	0
GREEN DOT CORP CLASS A	COM	39304D102	3,360	37,825	SH	SOLE	1	37,825	0	0
GREEN PLAINS INC	COM	393222104	531	30,890	SH	SOLE	1	30,890	0	0
GREENBRIER COMPANIES INC	COM	393657101	1,498	24,925	SH	SOLE	1	24,925	0	0
GREENE COUNTY BANCORP INC	COM	394357107	65	2,015	SH	SOLE	1	2,015	0	0
GREENHILL and CO INC	COM	395259104	402	15,247	SH	SOLE	1	15,247	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	246	19,800	SH	SOLE	1	19,800	0	0
GREIF INC CL A	COM	397624107	3,715	69,233	SH	SOLE	1	69,233	0	0
GREIF INC CL B	COM	397624206	213	3,698	SH	SOLE	1	3,698	0	0
GRIFFIN INDUSTRIAL REALTY IN	COM	398231100	22	552	SH	SOLE	1	552	0	0
GRIFFON CORP	COM	398433102	437	27,075	SH	SOLE	1	27,075	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	975	15,025	SH	SOLE	1	15,025	0	0
GROUPON INC	COM	399473107	1,103	292,632	SH	SOLE	1	292,632	0	0
GRUBHUB INC	COM	400110102	303	2,183	SH	SOLE	1	2,183	0	0
GTT COMMUNICATIONS INC	COM	362393100	1,222	28,157	SH	SOLE	1	28,157	0	0
GTX INC	COM	40052B207	5	3,362	SH	SOLE	1	3,362	0	0
GUARANTY BANCORP	COM	40075T607	505	17,016	SH	SOLE	1	17,016	0	0
GUARANTY BANCSHARES INC	COM	400764106	154	5,105	SH	SOLE	1	5,105	0	0
GUESS INC	COM	401617105	1,020	45,124	SH	SOLE	1	45,124	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	195	1,934	SH	SOLE	1	1,934	0	0
GULF ISLAND FABRICATION INC	COM	402307102	17	1,668	SH	SOLE	1	1,668	0	0
GULFMARK OFFSHORE INC	COM	402629505	96	2,580	SH	SOLE	1	2,580	0	0
GULFPORT ENERGY CORP	COM	402635304	6,336	608,607	SH	SOLE	1	608,607	0	0

H.B. FULLER CO.	COM	359694106	2,055	39,772	SH	SOLE	1	39,772	0	0
H and E EQUIPMENT SERVICES INC	COM	404030108	797	21,109	SH	SOLE	1	21,109	0	0
H and R BLOCK INC	COM	093671105	15,314	594,710	SH	SOLE	1	594,710	0	0
HABIT RESTAURANTS INC/THE A	COM	40449J103	216	13,532	SH	SOLE	1	13,532	0	0
HACKETT GROUP INC/THE	COM	404609109	322	15,986	SH	SOLE	1	15,986	0	0
HAEMONETICS CORP/MASS	COM	405024100	15,883	138,621	SH	SOLE	1	138,621	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	4,931	181,836	SH	SOLE	1	181,836	0	0
HALCON RESOURCES CORP	COM	40537Q605	396	88,545	SH	SOLE	1	88,545	0	0
HALLADOR ENERGY CO	COM	40609P105	69	11,017	SH	SOLE	1	11,017	0	0
HALLIBURTON CO	COM	406216101	12,267	302,668	SH	SOLE	1	302,668	0	0
HALLMARK FINL SERVICES INC	COM	40624Q203	95	8,649	SH	SOLE	1	8,649	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	1,504	82,781	SH	SOLE	1	82,781	0	0
HAMILTON BEACH BRAND A	COM	40701T104	94	4,270	SH	SOLE	1	4,270	0	0
HAMILTON LANE INC CLASS A	COM	407497106	438	9,898	SH	SOLE	1	9,898	0	0
HANCOCK WHITNEY CORP	COM	410120109	10,861	228,418	SH	SOLE	1	228,418	0	0
HANESBRANDS INC	COM	410345102	16,630	902,354	SH	SOLE	1	902,354	0	0
HANG LUNG PROPERTIES LTD	COM	603050006	633	324,000	SH	SOLE	1	324,000	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	626	25,138	SH	SOLE	1	25,138	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	736	34,267	SH	SOLE	1	34,267	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	14,229	115,337	SH	SOLE	1	115,337	0	0
HARBORONE BANCORP INC	COM	41165F101	184	9,633	SH	SOLE	1	9,633	0	0
HARLEY DAVIDSON INC	COM	412822108	2,732	60,312	SH	SOLE	1	60,312	0	0
HARMONIC INC	COM	413160102	361	65,708	SH	SOLE	1	65,708	0	0
HARRIS CORP	COM	413875105	7,141	42,201	SH	SOLE	1	42,201	0	0
HARSCO CORP	COM	415864107	1,806	63,251	SH	SOLE	1	63,251	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	6,484	129,775	SH	SOLE	1	129,775	0	0
HARVARD BIOSCIENCE INC	COM	416906105	124	23,694	SH	SOLE	1	23,694	0	0
HASBRO INC	COM	418056107	6,480	61,648	SH	SOLE	1	61,648	0	0
HAVERTY FURNITURE	COM	419596101	329	14,876	SH	SOLE	1	14,876	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	7,877	221,316	SH	SOLE	1	221,316	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	1,589	39,630	SH	SOLE	1	39,630	0	0
HAWKINS INC	COM	420261109	315	7,602	SH	SOLE	1	7,602	0	0
HAYNES INTERNATIONAL INC	COM	420877201	346	9,760	SH	SOLE	1	9,760	0	0
HC2 HOLDINGS INC	COM	404139107	173	28,220	SH	SOLE	1	28,220	0	0
HCA HEALTHCARE INC	COM	40412C101	15,682	112,722	SH	SOLE	1	112,722	0	0
HCI GROUP INC	COM	40416E103	251	5,748	SH	SOLE	1	5,748	0	0
HCP INC	COM	40414L109	6,231	236,738	SH	SOLE	1	236,738	0	0
HD SUPPLY HOLDINGS INC	COM	40416M105	308	7,191	SH	SOLE	1	7,191	0	0
HEALTH INSURANCE INNOVATIO A	COM	42225K106	522	8,475	SH	SOLE	1	8,475	0	0
HEALTHCARE REALTY TRUST INC	COM	421946104	9,790	334,589	SH	SOLE	1	334,589	0	0

HEALTHCARE SERVICES GROUP	COM	421906108	8,032	197,723	SH	SOLE	1	197,723	0	0
HEALTHCARE TRUST OF AME CL A	COM	42225P501	99	3,697	SH	SOLE	1	3,697	0	0
HEALTHEQUITY INC	COM	42226A107	13,695	145,055	SH	SOLE	1	145,055	0	0
HEALTHSTREAM INC	COM	42222N103	629	20,298	SH	SOLE	1	20,298	0	0
HEARTLAND EXPRESS INC	COM	422347104	726	36,807	SH	SOLE	1	36,807	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	1,131	19,487	SH	SOLE	1	19,487	0	0
HECLA MINING CO	COM	422704106	839	300,763	SH	SOLE	1	300,763	0	0
HEICO CORP	COM	422806109	86	930	SH	SOLE	1	930	0	0
HEICO CORP CLASS A	COM	422806208	138	1,832	SH	SOLE	1	1,832	0	0
HEIDRICK and STRUGGLES INTL	COM	422819102	498	14,701	SH	SOLE	1	14,701	0	0
HELEN OF TROY LTD	COM	G4388N106	9,247	70,644	SH	SOLE	1	70,644	0	0
HELIUS MEDICAL TECHNOLOGIES	COM	42328V504	106	10,811	SH	SOLE	1	10,811	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	1,090	110,331	SH	SOLE	1	110,331	0	0
HELMERICH and PAYNE	COM	423452101	2,895	42,096	SH	SOLE	1	42,096	0	0
HEMISPHERE MEDIA GRO	COM	42365Q103	13,506	968,149	SH	SOLE	2	968,149	0	0
HEMISPHERE MEDIA GROUP INC	COM	42365Q103	168	12,019	SH	SOLE	1	12,019	0	0
HENRY SCHEIN INC	COM	806407102	5,473	64,363	SH	SOLE	1	64,363	0	0
HERBALIFE NUTRITION LTD	COM	G4412G101	120	2,207	SH	SOLE	1	2,207	0	0
HERC HOLDINGS INC	COM	42704L104	816	15,936	SH	SOLE	1	15,936	0	0
HERITAGE COMMERCE CORP	COM	426927109	396	26,509	SH	SOLE	1	26,509	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	210	9,827	SH	SOLE	1	9,827	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	995	28,300	SH	SOLE	1	28,300	0	0
HERITAGE INSURANCE HOLDINGS	COM	42727J102	197	13,289	SH	SOLE	1	13,289	0	0
HERMAN MILLER INC	COM	600544100	6,118	159,332	SH	SOLE	1	159,332	0	0
HERON THERAPEUTICS INC	COM	427746102	1,447	45,731	SH	SOLE	1	45,731	0	0
HERSHA HOSPITALITY TRUST	COM	427825500	636	28,042	SH	SOLE	1	28,042	0	0
HERSHEY CO/THE	COM	427866108	18,916	185,448	SH	SOLE	1	185,448	0	0
HERTZ GLOBAL HOLDINGS INC	COM	42806J106	594	36,382	SH	SOLE	1	36,382	0	0
HESKA CORP	COM	42805E306	594	5,241	SH	SOLE	1	5,241	0	0
HESS CORP	COM	42809H107	10,049	140,390	SH	SOLE	1	140,390	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	9,793	600,400	SH	SOLE	1	600,400	0	0
HEXCEL CORP	COM	428291108	116	1,734	SH	SOLE	1	1,734	0	0
HFF INC CLASS A	COM	40418F108	1,261	29,679	SH	SOLE	1	29,679	0	0
HIBBETT SPORTS INC	COM	428567101	280	14,895	SH	SOLE	1	14,895	0	0
HIGHPOINT RESOURCES CORP	COM	43114K108	418	85,611	SH	SOLE	1	85,611	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	9,938	210,280	SH	SOLE	1	210,280	0	0
HILL ROM HOLDINGS INC	COM	431475102	12,767	135,243	SH	SOLE	1	135,243	0	0
HILLENBRAND INC	COM	431571108	2,576	49,253	SH	SOLE	1	49,253	0	0
HILLTOP HOLDINGS INC	COM	432748101	963	47,755	SH	SOLE	1	47,755	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	77	2,339	SH	SOLE	1	2,339	0	0
HILTON WORLDWIDE	COM	43300A203	8,690	107,575	SH	SOLE	1	107,575	0	0

HOLDINGS IN										
HINGHAM INSTITUTION FOR SVGS	COM	433323102	194	881	SH	SOLE	1	881	0	0
HMS HOLDINGS CORP	COM	40425J101	2,138	65,149	SH	SOLE	1	65,149	0	0
HNI CORP	COM	404251100	5,172	116,919	SH	SOLE	1	116,919	0	0
HOLLYFRONTIER CORP	COM	436106108	6,364	91,038	SH	SOLE	1	91,038	0	0
HOLOGIC INC	COM	436440101	4,513	110,131	SH	SOLE	1	110,131	0	0
HOME BANCORP INC	COM	43689E107	226	5,191	SH	SOLE	1	5,191	0	0
HOME BANCSHARES INC	COM	436893200	9,406	429,478	SH	SOLE	1	429,478	0	0
HOME DEPOT INC	COM	437076102	90,103	434,967	SH	SOLE	1	434,967	0	0
HOMESTREET INC	COM	43785V102	525	19,824	SH	SOLE	1	19,824	0	0
HOMETRUST BANCSHARES INC	COM	437872104	339	11,620	SH	SOLE	1	11,620	0	0
HOMOLOGY MEDICINES INC	COM	438083107	158	6,930	SH	SOLE	1	6,930	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	46,672	280,481	SH	SOLE	1	280,481	0	0
HOOKER FURNITURE CORP	COM	439038100	260	7,678	SH	SOLE	1	7,678	0	0
HOPE BANCORP INC	COM	43940T109	2,794	172,782	SH	SOLE	1	172,782	0	0
HORACE MANN EDUCATORS	COM	440327104	1,450	32,301	SH	SOLE	1	32,301	0	0
HORIZON BANCORP INC/IN	COM	440407104	485	24,566	SH	SOLE	1	24,566	0	0
HORIZON PHARMA PLC	COM	G4617B105	2,148	109,705	SH	SOLE	1	109,705	0	0
HORMEL FOODS CORP	COM	440452100	4,285	108,768	SH	SOLE	1	108,768	0	0
HORTONWORKS INC	COM	440894103	1,069	46,855	SH	SOLE	1	46,855	0	0
HOSPITALITY PROPERTIES TRUST	COM	44106M102	9,635	334,088	SH	SOLE	1	334,088	0	0
HOST HOTELS and RESORTS INC	COM	44107P104	7,640	362,072	SH	SOLE	1	362,072	0	0
HOSTESS BRANDS INC	COM	44109J106	725	65,499	SH	SOLE	1	65,499	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	481	68,662	SH	SOLE	1	68,662	0	0
HOULIHAN LOKEY INC	COM	441593100	996	22,159	SH	SOLE	1	22,159	0	0
HOVNANIAN ENTERPRISES A	COM	442487203	129	80,481	SH	SOLE	1	80,481	0	0
HOWARD BANCORP INC	COM	442496105	154	8,673	SH	SOLE	1	8,673	0	0
HOWARD HUGHES CORP/THE	COM	44267D107	99	799	SH	SOLE	1	799	0	0
HP INC	COM	40434L105	533,166	20,689,403	SH	SOLE	1	20,689,403	0	0
HSBC HOLDINGS PLC	COM	404280AH2	940	793,000	SH	SOLE	1	793,000	0	0
HUB GROUP INC CL A	COM	443320106	1,176	25,795	SH	SOLE	1	25,795	0	0
HUBBELL INC	COM	443510607	14,902	111,564	SH	SOLE	1	111,564	0	0
HUBSPOT INC	COM	443573100	3,631	24,054	SH	SOLE	1	24,054	0	0
HUDSON LTD CLASS A	COM	G46408103	595	26,396	SH	SOLE	1	26,396	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	95	2,909	SH	SOLE	1	2,909	0	0
HUMANA INC	COM	444859102	19,747	58,334	SH	SOLE	1	58,334	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	4,906	41,249	SH	SOLE	1	41,249	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	6,553	439,241	SH	SOLE	1	439,241	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	3,965	15,485	SH	SOLE	1	15,485	0	0
HUNTSMAN CORP	COM	447011107	108	3,955	SH	SOLE	1	3,955	0	0
HURCO COMPANIES INC	COM	447324104	186	4,125	SH	SOLE	1	4,125	0	0
HURON CONSULTING GROUP INC	COM	447462102	725	14,669	SH	SOLE	1	14,669	0	0
HYATT HOTELS CORP CL A	COM	448579102	66	824	SH	SOLE	1	824	0	0

HYSTER YALE MATERIALS	COM	449172105	423	6,878	SH	SOLE	1	6,878	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	118	5,122	SH	SOLE	1	5,122	0	0
IAC/INTERACTIVECORP	COM	44919P508	731	3,371	SH	SOLE	1	3,371	0	0
IBERIABANK CORP	COM	450828108	2,997	36,840	SH	SOLE	1	36,840	0	0
ICF INTERNATIONAL INC	COM	44925C103	905	11,999	SH	SOLE	1	11,999	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	386	18,913	SH	SOLE	1	18,913	0	0
ICICI BANK LTD SPON ADR	ADR	45104G104	130	15,369	SH	SOLE	1	15,369	0	0
ICU MEDICAL INC	COM	44930G107	9,551	33,778	SH	SOLE	1	33,778	0	0
IDACORP INC	COM	451107106	13,399	135,028	SH	SOLE	1	135,028	0	0
IDERA PHARMACEUTICALS INC	COM	45168K405	113	12,662	SH	SOLE	1	12,662	0	0
IDEX CORP	COM	45167R104	23,550	156,311	SH	SOLE	1	156,311	0	0
IDEXX LABORATORIES INC	COM	45168D104	8,877	35,555	SH	SOLE	1	35,555	0	0
IES HOLDINGS INC	COM	44951W106	108	5,532	SH	SOLE	1	5,532	0	0
IGM FINANCIAL INC	COM	449586957	280	10,180	SH	SOLE	1	10,180	0	0
IHS MARKIT LTD	COM	G47567105	8,355	154,846	SH	SOLE	1	154,846	0	0
II VI INC	COM	902104108	2,279	48,180	SH	SOLE	1	48,180	0	0
ILLINOIS TOOL WORKS	COM	452308109	20,308	143,909	SH	SOLE	1	143,909	0	0
ILLUMINA INC	COM	452327109	23,561	64,188	SH	SOLE	1	64,188	0	0
IMAX CORP	COM	45245E109	918	35,586	SH	SOLE	1	35,586	0	0
IMMERSION CORPORATION	COM	452521107	182	17,193	SH	SOLE	1	17,193	0	0
IMMUNE DESIGN CORP	COM	45252L103	77	22,360	SH	SOLE	1	22,360	0	0
IMMUNOGEN INC	COM	45253H101	902	95,235	SH	SOLE	1	95,235	0	0
IMMUNOMEDICS INC	COM	452907108	1,964	94,284	SH	SOLE	1	94,284	0	0
IMPAC MORTGAGE HOLDINGS INC	COM	45254P508	49	6,507	SH	SOLE	1	6,507	0	0
IMPERVA INC	COM	45321L100	1,074	23,117	SH	SOLE	1	23,117	0	0
IMPINJ INC	COM	453204109	269	10,835	SH	SOLE	1	10,835	0	0
INCYTE CORP	COM	45337C102	5,678	82,194	SH	SOLE	1	82,194	0	0
INDEPENDENCE CONTRACT DRILLI	COM	453415309	112	22,771	SH	SOLE	1	22,771	0	0
INDEPENDENCE HOLDING CO	COM	453440307	111	3,097	SH	SOLE	1	3,097	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	722	68,566	SH	SOLE	1	68,566	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	345	14,577	SH	SOLE	1	14,577	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,768	21,410	SH	SOLE	1	21,410	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	930	14,024	SH	SOLE	1	14,024	0	0
INDUSTRIAL ALLIANCE INSURANC	COM	455871954	231	5,774	SH	SOLE	1	5,774	0	0
INDUSTRIAL LOGISTICS PROPERT	COM	456237106	308	13,393	SH	SOLE	1	13,393	0	0
INFINERA CORP	COM	45667G103	731	100,080	SH	SOLE	1	100,080	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	108	22,655	SH	SOLE	1	22,655	0	0
INFOSYS LTD SP ADR	ADR	456788108	581	57,118	SH	SOLE	1	57,118	0	0
INFREAREIT INC	COM	45685L100	621	29,340	SH	SOLE	1	29,340	0	0
INFRASTRUCTURE AND ENERGY AL	COM	45686J104	119	11,373	SH	SOLE	1	11,373	0	0
INGERSOLL RAND PLC	COM	G47791101	11,488	112,295	SH	SOLE	1	112,295	0	0
INGEVITY CORP	COM	45688C107	3,388	33,257	SH	SOLE	1	33,257	0	0
INGLES MARKETS INC	COM	457030104	320	9,357	SH	SOLE	1	9,357	0	0

CLASS A										
INGREDION INC	COM	457187102	16,494	157,150	SH	SOLE	1	157,150	0	0
INNERWORKINGS INC	COM	45773Y105	226	28,562	SH	SOLE	1	28,562	0	0
INNOPHOS HOLDINGS INC	COM	45774N108	680	15,307	SH	SOLE	1	15,307	0	0
INNOSPEC INC	COM	45768S105	1,462	19,054	SH	SOLE	1	19,054	0	0
INNOVATE BIOPHARMACEUTICALS	COM	45782F105	84	12,272	SH	SOLE	1	12,272	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	205	4,259	SH	SOLE	1	4,259	0	0
INNOVIVA INC	COM	45781M101	823	54,021	SH	SOLE	1	54,021	0	0
INOGEN INC	COM	45780L104	3,377	13,834	SH	SOLE	1	13,834	0	0
INOVALON HOLDINGS INC A	COM	45781D101	459	45,707	SH	SOLE	1	45,707	0	0
INOVIO PHARMACEUTICALS INC	COM	45773H201	306	55,009	SH	SOLE	1	55,009	0	0
INPHI CORP	COM	45772F107	1,095	28,820	SH	SOLE	1	28,820	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	1,495	27,635	SH	SOLE	1	27,635	0	0
INSMED INC	COM	457669307	1,027	50,805	SH	SOLE	1	50,805	0	0
INSPERITY INC	COM	45778Q107	3,548	30,081	SH	SOLE	1	30,081	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	219	5,197	SH	SOLE	1	5,197	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	674	17,273	SH	SOLE	1	17,273	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	513	14,300	SH	SOLE	1	14,300	0	0
INSTRUCTURE INC	COM	45781U103	746	21,081	SH	SOLE	1	21,081	0	0
INSULET CORP	COM	45784P101	150	1,412	SH	SOLE	1	1,412	0	0
INSYS THERAPEUTICS INC	COM	45824V209	180	17,834	SH	SOLE	1	17,834	0	0
INTACT FINANCIAL CORP	COM	45823T957	669	8,048	SH	SOLE	1	8,048	0	0
INTEGER HOLDINGS CORP	COM	45826H109	2,011	24,249	SH	SOLE	1	24,249	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	9,486	144,008	SH	SOLE	1	144,008	0	0
INTEGRATED DEVICE TECH INC	COM	458118106	16,295	346,622	SH	SOLE	1	346,622	0	0
INTEL CORP	COM	458140100	109,934	2,324,677	SH	SOLE	1	2,324,677	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	631	22,042	SH	SOLE	1	22,042	0	0
INTELSAT SA	COM	L5140P101	908	30,276	SH	SOLE	1	30,276	0	0
INTER PARFUMS INC	COM	458334109	879	13,645	SH	SOLE	1	13,645	0	0
INTERACTIVE BROKERS GRO CL A	COM	45841N107	8,459	152,931	SH	SOLE	1	152,931	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	1,836	14,532	SH	SOLE	1	14,532	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	17,678	236,055	SH	SOLE	1	236,055	0	0
INTERDIGITAL INC	COM	45867G101	7,448	93,096	SH	SOLE	1	93,096	0	0
INTERFACE INC	COM	458665304	1,084	46,440	SH	SOLE	1	46,440	0	0
INTERNAP CORP	COM	45885A409	168	13,322	SH	SOLE	1	13,322	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	6,628	147,289	SH	SOLE	1	147,289	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	36	1,819	SH	SOLE	1	1,819	0	0
INTERNATIONAL PAPER CO	COM	460146103	9,541	194,124	SH	SOLE	1	194,124	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	289	14,430	SH	SOLE	1	14,430	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	16,563	724,241	SH	SOLE	1	724,241	0	0

INTERSECT ENT INC	COM	46071F103	571	19,859	SH	SOLE	1	19,859	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	484,227	3,202,351	SH	SOLE	1	3,202,351	0	0
INTL FCSTONE INC	COM	46116V105	585	12,112	SH	SOLE	1	12,112	0	0
INTL FLAVORS and FRAGRANCES	COM	459506101	4,625	33,243	SH	SOLE	1	33,243	0	0
INTL SPEEDWAY CORP CL A	COM	460335201	2,861	65,312	SH	SOLE	1	65,312	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	645	29,715	SH	SOLE	1	29,715	0	0
INTREPID POTASH INC	COM	46121Y102	228	63,378	SH	SOLE	1	63,378	0	0
INTREXON CORP	COM	46122T102	841	48,848	SH	SOLE	1	48,848	0	0
INTRICON CORP	COM	46121H109	269	4,783	SH	SOLE	1	4,783	0	0
INTUIT INC	COM	461202103	27,072	119,049	SH	SOLE	1	119,049	0	0
INTUITIVE SURGICAL INC	COM	46120E602	25,243	43,978	SH	SOLE	1	43,978	0	0
INVACARE CORP	COM	461203101	377	25,909	SH	SOLE	1	25,909	0	0
INVESCO LTD	COM	G491BT108	3,974	173,681	SH	SOLE	1	173,681	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B100	1,395	88,167	SH	SOLE	1	88,167	0	0
INVESTAR HOLDING CORP	COM	46134L105	158	5,894	SH	SOLE	1	5,894	0	0
INVESTMENT TECHNOLOGY GROUP	COM	46145F105	555	25,642	SH	SOLE	1	25,642	0	0
INVESTORS BANCORP INC	COM	46146L101	2,013	164,055	SH	SOLE	1	164,055	0	0
INVESTORS REAL ESTATE TRUST	COM	461730103	476	79,582	SH	SOLE	1	79,582	0	0
INVESTORS TITLE CO	COM	461804106	153	914	SH	SOLE	1	914	0	0
INVITAE CORP	COM	46185L103	728	43,524	SH	SOLE	1	43,524	0	0
INVITATION HOMES INC	COM	46187W107	124	5,415	SH	SOLE	1	5,415	0	0
ION GEOPHYSICAL CORP	COM	462044207	110	7,054	SH	SOLE	1	7,054	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	156	3,019	SH	SOLE	1	3,019	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	613	54,513	SH	SOLE	1	54,513	0	0
IPG PHOTONICS CORP	COM	44980X109	2,189	14,028	SH	SOLE	1	14,028	0	0
IQVIA HLDGS INC	COM	46266C105	2,743	21,145	SH	SOLE	2	21,145	0	0
IQVIA HOLDINGS INC	COM	46266C105	7,802	60,133	SH	SOLE	1	60,133	0	0
IRADIMED CORP	COM	46266A109	86	2,322	SH	SOLE	1	2,322	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,514	15,999	SH	SOLE	1	15,999	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	1,697	75,437	SH	SOLE	1	75,437	0	0
IROBOT CORP	COM	462726100	2,314	21,049	SH	SOLE	1	21,049	0	0
IRON MOUNTAIN INC	COM	46284V101	3,666	106,198	SH	SOLE	1	106,198	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	1,697	91,906	SH	SOLE	1	91,906	0	0
ISHARES 1 3 YEAR TREASURY BOND	1-3 YR TR BD	464287457	7,636	91,900	SH	SOLE	1	91,900	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TR BD	464288653	1,389	10,800	SH	SOLE	1	10,800	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD	464287432	1,536	13,100	SH	SOLE	1	13,100	0	0
ISHARES 3 7 YEAR TREASURY BOND	3-7 YR TR BD	464288661	8,549	71,800	SH	SOLE	1	71,800	0	0
ISHARES 7 10 YEAR TREASURY BON	7-10 YR TR BD	464287440	2,206	21,800	SH	SOLE	1	21,800	0	0
ISHARES CORE S and P SMALL CAP ETF	CORE S&P	464287804	770	8,831	SH	SOLE	1	8,831	0	0



ISHARES IBOXX INVESTMENT GRA	IBOXX INV GRA	464287242	11,470	99,800	SH	SOLE	1	99,800	0	0
ISHARES MSCI ACWI ETF	MSCI EAFE	464288257	163	2,200	SH	SOLE	1	2,200	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE	464287465	21,934	322,600	SH	SOLE	1	322,600	0	0
ISHARES MSCI EMERGING MARKETS	MSCI EMER	464287234	4,044	94,217	SH	SOLE	1	94,217	0	0
ISHARES MSCI INDIA ETF	MSCI IND ETF	46429B598	3,844	118,386	SH	SOLE	1	118,386	0	0
ISHARES RUSSELL 2000 ETF	RUSS 2000	464287655	1,452	8,614	SH	SOLE	1	8,614	0	0
ISHARES RUSSELL MID CAP GROWTH	RUSS MID GRW	464287481	1,675	12,354	SH	SOLE	1	12,354	0	0
ISHARES RUSSELL MID CAP VALUE	RUSS MID VAL	464287473	1,158	12,825	SH	SOLE	1	12,825	0	0
ISHARES S and P 500 GROWTH ETF	S&P 500 GRW	464287309	10,540	59,490	SH	SOLE	1	59,490	0	0
ISHARES S and P 500 VALUE ETF	S&P 500 VAL	464287408	3,673	31,708	SH	SOLE	1	31,708	0	0
ISRAMCO INC	COM	465141406	60	491	SH	SOLE	1	491	0	0
ISTAR INC	COM	45031U101	575	51,467	SH	SOLE	1	51,467	0	0
ITERIS INC	COM	46564T107	91	16,869	SH	SOLE	1	16,869	0	0
ITRON INC	COM	465741106	1,705	26,564	SH	SOLE	1	26,564	0	0
ITT INC	COM	45073V108	10,909	178,069	SH	SOLE	1	178,069	0	0
J and J SNACK FOODS CORP	COM	466032109	1,780	11,799	SH	SOLE	1	11,799	0	0
J ALEXANDER S HOLDINGS	COM	46609J106	101	8,523	SH	SOLE	1	8,523	0	0
J. JILL INC	COM	46620W102	67	10,901	SH	SOLE	1	10,901	0	0
J.C. PENNEY CO INC	COM	708160106	410	246,692	SH	SOLE	1	246,692	0	0
J2 GLOBAL INC	COM	48123V102	10,384	125,339	SH	SOLE	1	125,339	0	0
JABIL INC	COM	466313103	8,445	311,854	SH	SOLE	1	311,854	0	0
JACK HENRY and ASSOCIATES INC	COM	426281101	25,189	157,351	SH	SOLE	1	157,351	0	0
JACK IN THE BOX INC	COM	466367109	6,116	72,954	SH	SOLE	1	72,954	0	0
JACOBS ENGINEERING GROUP INC	COM	469814107	3,314	43,315	SH	SOLE	1	43,315	0	0
JAGGED PEAK ENERGY INC	COM	47009K107	589	42,600	SH	SOLE	1	42,600	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	889	20,859	SH	SOLE	1	20,859	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	9,144	339,151	SH	SOLE	1	339,151	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	543	3,227	SH	SOLE	1	3,227	0	0
JBG SMITH PROPERTIES	COM	46590V100	8,104	220,039	SH	SOLE	1	220,039	0	0
JD.COM INC ADR	ADR	47215P106	1,678	64,324	SH	SOLE	1	64,324	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	4,006	182,411	SH	SOLE	1	182,411	0	0
JEFFERIES FINL GROUP	COM	47233W109	6	263	SH	SOLE	2	263	0	0
JELD WEN HOLDING INC	COM	47580P103	1,131	45,872	SH	SOLE	1	45,872	0	0
JERNIGAN CAPITAL INC	COM	476405105	230	11,927	SH	SOLE	1	11,927	0	0
JETBLUE AIRWAYS CORP	COM	477143101	12,313	636,018	SH	SOLE	1	636,018	0	0
JFE HOLDINGS INC	COM	654379908	1,638	71,400	SH	SOLE	1	71,400	0	0
JM SMUCKER CO/THE	COM	832696405	4,841	47,182	SH	SOLE	1	47,182	0	0
JOHN B. SANFILIPPO and SON INC	COM	800422107	483	6,762	SH	SOLE	1	6,762	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	2,938	24,627	SH	SOLE	1	24,627	0	0

JOHNSON and JOHNSON	COM	478160104	158,200	1,144,968	SH	SOLE	1	1,144,968	0	0
JOHNSON CONTROLS INTERNATIONAL	COM	G51502105	15,942	455,489	SH	SOLE	1	455,489	0	0
JOHNSON OUTDOORS INC A	COM	479167108	301	3,233	SH	SOLE	1	3,233	0	0
JONES LANG LASALLE INC	COM	48020Q107	13,764	95,370	SH	SOLE	1	95,370	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	68	10,460	SH	SOLE	1	10,460	0	0
JPMORGAN CHASE and CO	COM	46625H100	132,766	1,176,585	SH	SOLE	1	1,176,585	0	0
JUNIPER NETWORKS INC	COM	48203R104	3,985	132,956	SH	SOLE	1	132,956	0	0
K12 INC	COM	48273U102	432	24,423	SH	SOLE	1	24,423	0	0
K2M GROUP HOLDINGS INC	COM	48273J107	748	27,315	SH	SOLE	1	27,315	0	0
KADANT INC	COM	48282T104	783	7,256	SH	SOLE	1	7,256	0	0
KADMON HOLDINGS INC	COM	48283N106	221	66,148	SH	SOLE	1	66,148	0	0
KAISER ALUMINUM CORP	COM	483007704	1,406	12,888	SH	SOLE	1	12,888	0	0
KALA PHARMACEUTICALS INC	COM	483119103	76	7,723	SH	SOLE	1	7,723	0	0
KAMAN CORP	COM	483548103	1,451	21,734	SH	SOLE	1	21,734	0	0
KANSAS CITY SOUTHERN	COM	485170302	4,338	38,294	SH	SOLE	1	38,294	0	0
KAPSTONE PAPER AND PACKAGING	COM	48562P103	2,344	69,133	SH	SOLE	1	69,133	0	0
KAR AUCTION SERVICES INC	COM	48238T109	1,976	33,104	SH	SOLE	1	33,104	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	548	32,162	SH	SOLE	1	32,162	0	0
KB HOME	COM	48666K109	5,485	229,413	SH	SOLE	1	229,413	0	0
KBR INC	COM	48242W106	7,967	377,057	SH	SOLE	1	377,057	0	0
KEANE GROUP INC	COM	48669A108	442	35,709	SH	SOLE	1	35,709	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	892	64,393	SH	SOLE	1	64,393	0	0
KELLOGG CO	COM	487836108	468,105	6,685,302	SH	SOLE	1	6,685,302	0	0
KELLY SERVICES INC A	COM	488152208	590	24,543	SH	SOLE	1	24,543	0	0
KEMET CORP	COM	488360207	824	44,422	SH	SOLE	1	44,422	0	0
KEMPER CORP	COM	488401100	12,679	157,601	SH	SOLE	1	157,601	0	0
KENNAMETAL INC	COM	489170100	9,520	218,554	SH	SOLE	1	218,554	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	1,788	83,148	SH	SOLE	1	83,148	0	0
KERR MCGEE CORP	COM	492386AT4	249	200,000	SH	SOLE	1	200,000	0	0
KERYX BIOPHARMACEUTICALS	COM	492515101	213	62,705	SH	SOLE	1	62,705	0	0
KEURIG DR PEPPER INC	COM	49271V100	651	28,094	SH	SOLE	1	28,094	0	0
KEY ENERGY SERVICES INC	COM	49309J103	78	6,781	SH	SOLE	1	6,781	0	0
KEYCORP	COM	493267108	8,857	445,318	SH	SOLE	1	445,318	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	25,253	381,000	SH	SOLE	1	381,000	0	0
KEYW HOLDING CORP/THE	COM	493723100	280	32,285	SH	SOLE	1	32,285	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	73	3,416	SH	SOLE	1	3,416	0	0
KFORCE INC	COM	493732101	575	15,294	SH	SOLE	1	15,294	0	0
KILROY REALTY CORP	COM	49427F108	14,663	204,536	SH	SOLE	1	204,536	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	338	17,187	SH	SOLE	1	17,187	0	0
KIMBALL INTERNATIONAL B	COM	494274103	402	23,992	SH	SOLE	1	23,992	0	0

KIMBERLY CLARK CORP	COM	494368103	447,315	3,936,246	SH	SOLE	1	3,936,246	0	0
KIMCO REALTY CORP	COM	49446R109	2,550	152,319	SH	SOLE	1	152,319	0	0
KINDER MORGAN INC	COM	49456B101	13,768	776,519	SH	SOLE	1	776,519	0	0
KINDRED BIOSCIENCES INC	COM	494577109	287	20,572	SH	SOLE	1	20,572	0	0
KINGSTONE COS INC	COM	496719105	117	6,154	SH	SOLE	1	6,154	0	0
KINIKSA PHARMACEUTICALS A	COM	G5269C101	110	4,304	SH	SOLE	1	4,304	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	827	12,952	SH	SOLE	1	12,952	0	0
KIRBY CORP	COM	497266106	9,017	109,631	SH	SOLE	1	109,631	0	0
KIRKLAND S INC	COM	497498105	125	12,359	SH	SOLE	1	12,359	0	0
KITE REALTY GROUP TRUST	COM	49803T300	1,084	65,104	SH	SOLE	1	65,104	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	234	11,577	SH	SOLE	1	11,577	0	0
KLA TENCOR CORP	COM	482480100	20,226	198,861	SH	SOLE	1	198,861	0	0
KLX ENERGY SERVICES HOLDING	COM	48253L106	1,818	56,789	SH	SOLE	1	56,789	0	0
KLX INC	COM	482539103	8,525	135,789	SH	SOLE	1	135,789	0	0
KMG CHEMICALS INC	COM	482564101	737	9,754	SH	SOLE	1	9,754	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	8,989	260,694	SH	SOLE	1	260,694	0	0
KNOLL INC	COM	498904200	753	32,129	SH	SOLE	1	32,129	0	0
KNOWLES CORP	COM	49926D109	1,146	68,955	SH	SOLE	1	68,955	0	0
KOHL'S CORP	COM	500255104	6,102	81,853	SH	SOLE	1	81,853	0	0
KOPIN CORP	COM	500600101	117	48,489	SH	SOLE	1	48,489	0	0
KOPPERS HOLDINGS INC	COM	50060P106	506	16,246	SH	SOLE	1	16,246	0	0
KORN/FERRY INTERNATIONAL	COM	500643200	2,217	45,030	SH	SOLE	1	45,030	0	0
KOSMOS ENERGY LTD	COM	G5315B107	43	4,582	SH	SOLE	1	4,582	0	0
KRAFT HEINZ CO/THE	COM	500754106	323,533	5,870,684	SH	SOLE	1	5,870,684	0	0
KRATON CORP	COM	50077C106	1,153	24,453	SH	SOLE	1	24,453	0	0
KRATOS DEFENSE and SECURITY	COM	50077B207	864	58,448	SH	SOLE	1	58,448	0	0
KROGER CO	COM	501044101	11,749	403,598	SH	SOLE	1	403,598	0	0
KRONOS WORLDWIDE INC	COM	50105F105	244	15,039	SH	SOLE	1	15,039	0	0
KULICKE and SOFFA INDUSTRIES	COM	501242101	196	8,233	SH	SOLE	1	8,233	0	0
KURA ONCOLOGY INC	COM	50127T109	329	18,772	SH	SOLE	1	18,772	0	0
KVH INDUSTRIES INC	COM	482738101	141	10,736	SH	SOLE	1	10,736	0	0
L BRANDS INC	COM	501797104	295,499	9,752,442	SH	SOLE	1	9,752,442	0	0
L3 TECHNOLOGIES INC	COM	502413107	6,031	28,363	SH	SOLE	1	28,363	0	0
LA JOLLA PHARMACEUTICAL CO	COM	503459604	286	14,226	SH	SOLE	1	14,226	0	0
LA Z BOY INC	COM	505336107	1,159	36,667	SH	SOLE	1	36,667	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	7,985	45,978	SH	SOLE	1	45,978	0	0
LADDER CAPITAL CORP REIT	COM	505743104	978	57,710	SH	SOLE	1	57,710	0	0
LADENBURG THALMANN FINANCIAL	COM	50575Q102	182	67,537	SH	SOLE	1	67,537	0	0
LAKELAND BANCORP INC	COM	511637100	539	29,862	SH	SOLE	1	29,862	0	0
LAKELAND FINANCIAL CORP	COM	511656100	753	16,191	SH	SOLE	1	16,191	0	0
LAM RESEARCH CORP	COM	512807108	21,379	140,932	SH	SOLE	1	140,932	0	0
LAMAR ADVERTISING CO A	COM	512816109	13,416	172,442	SH	SOLE	1	172,442	0	0
LAMB WESTON	COM	513272104	19,823	297,650	SH	SOLE	1	297,650	0	0

HOLDINGS INC										
LANCASTER COLONY CORP	COM	513847103	7,738	51,859	SH	SOLE	1	51,859	0	0
LANDEC CORP	COM	514766104	259	17,986	SH	SOLE	1	17,986	0	0
LANDS END INC	COM	51509F105	122	6,968	SH	SOLE	1	6,968	0	0
LANDSTAR SYSTEM INC	COM	515098101	10,224	83,801	SH	SOLE	1	83,801	0	0
LANNETT CO INC	COM	516012101	111	23,386	SH	SOLE	1	23,386	0	0
LANTHEUS HOLDINGS INC	COM	516544103	438	29,308	SH	SOLE	1	29,308	0	0
LAREDO PETROLEUM INC	COM	516806106	995	121,837	SH	SOLE	1	121,837	0	0
LASALLE HOTEL PROPERTIES	COM	517942108	10,237	295,947	SH	SOLE	1	295,947	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	622	77,690	SH	SOLE	1	77,690	0	0
LAUREATE EDUCATION INC A	COM	518613203	856	55,464	SH	SOLE	1	55,464	0	0
LAWSON PRODUCTS INC	COM	520776105	150	4,433	SH	SOLE	1	4,433	0	0
LAZARD LTD CL A	COM	G54050102	1,926	40,019	SH	SOLE	1	40,019	0	0
LCI INDUSTRIES	COM	50189K103	1,597	19,287	SH	SOLE	1	19,287	0	0
LCNB CORPORATION	COM	50181P100	111	5,967	SH	SOLE	1	5,967	0	0
LEAF GROUP LTD	COM	52177G102	110	10,960	SH	SOLE	1	10,960	0	0
LEAR CORP	COM	521865204	1,774	12,235	SH	SOLE	1	12,235	0	0
LEGACYTEXAS FINANCIAL GROUP	COM	52471Y106	1,578	37,045	SH	SOLE	1	37,045	0	0
LEGG MASON INC	COM	524901105	7,084	226,845	SH	SOLE	1	226,845	0	0
LEGGETT and PLATT INC	COM	524660107	2,065	47,149	SH	SOLE	1	47,149	0	0
LEIDOS HOLDINGS INC	COM	525327102	21,147	305,770	SH	SOLE	1	305,770	0	0
LEMAITRE VASCULAR INC	COM	525558201	479	12,372	SH	SOLE	1	12,372	0	0
LENDINGCLUB CORP	COM	52603A109	814	209,778	SH	SOLE	1	209,778	0	0
LENDINGTREE INC	COM	52603B107	4,663	20,263	SH	SOLE	1	20,263	0	0
LENNAR CORP A	COM	526057104	4,850	103,873	SH	SOLE	1	103,873	0	0
LENNOX INTERNATIONAL INC	COM	526107107	16,132	73,865	SH	SOLE	1	73,865	0	0
LEVEL ONE BANCORP INC	COM	52730D208	26	924	SH	SOLE	1	924	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	306	28,669	SH	SOLE	1	28,669	0	0
LEXINGTON REALTY TRUST	COM	529043101	1,403	168,993	SH	SOLE	1	168,993	0	0
LGI HOMES INC	COM	50187T106	689	14,534	SH	SOLE	1	14,534	0	0
LHC GROUP INC	COM	50187A107	2,380	23,111	SH	SOLE	1	23,111	0	0
LIBERTY BROADBAND A	COM	530307107	39	462	SH	SOLE	1	462	0	0
LIBERTY BROADBAND C	COM	530307305	159	1,887	SH	SOLE	1	1,887	0	0
LIBERTY EXPEDIA HOLD A	COM	53046P109	1,700	36,149	SH	SOLE	1	36,149	0	0
LIBERTY GLOBAL PLC C	COM	G5480U120	1,090	38,696	SH	SOLE	1	38,696	0	0
LIBERTY GLOBAL PLC A	COM	G5480U104	517	17,877	SH	SOLE	1	17,877	0	0
LIBERTY LATIN AMERIC CL A	COM	G9001E102	601	28,831	SH	SOLE	1	28,831	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	1,556	75,446	SH	SOLE	1	75,446	0	0
LIBERTY MEDIA COR SIRIUSXM A	COM	531229409	66	1,528	SH	SOLE	1	1,528	0	0
LIBERTY MEDIA COR SIRIUSXM C	COM	531229607	389	8,955	SH	SOLE	1	8,955	0	0
LIBERTY MEDIA CORP BRAVES A	COM	531229706	180	6,597	SH	SOLE	1	6,597	0	0

LIBERTY MEDIA CORP BRAVES C	COM	531229888	645	23,653	SH	SOLE	1	23,653	0	0
LIBERTY MEDIA CORP LIBERTY A	COM	531229870	16	450	SH	SOLE	1	450	0	0
LIBERTY MEDIA CORP LIBERTY C	COM	531229854	133	3,578	SH	SOLE	1	3,578	0	0
LIBERTY OILFIELD SERVICES A	COM	53115L104	634	29,387	SH	SOLE	1	29,387	0	0
LIBERTY PROPERTY TRUST	COM	531172104	12,695	300,468	SH	SOLE	1	300,468	0	0
LIBERTY TRIPADVISOR HDG A	COM	531465102	716	48,190	SH	SOLE	1	48,190	0	0
LIFE STORAGE INC	COM	53223X107	9,015	94,730	SH	SOLE	1	94,730	0	0
LIFE TECHNOLOGIES CORP	COM	53217VAE9	897	876,000	SH	SOLE	1	876,000	0	0
LIFEPOINT HEALTH INC	COM	53219L109	6,535	101,476	SH	SOLE	1	101,476	0	0
LIFETIME BRANDS INC	COM	53222Q103	85	7,812	SH	SOLE	1	7,812	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	4,515	16,449	SH	SOLE	1	16,449	0	0
LILIS ENERGY INC	COM	532403201	145	29,508	SH	SOLE	1	29,508	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	364	72,496	SH	SOLE	1	72,496	0	0
LIMONEIRA CO	COM	532746104	258	9,864	SH	SOLE	1	9,864	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	12,411	132,822	SH	SOLE	1	132,822	0	0
LINCOLN NATIONAL CORP	COM	534187109	6,177	91,301	SH	SOLE	1	91,301	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	210	14,138	SH	SOLE	1	14,138	0	0
LINDSAY CORP	COM	535555106	845	8,431	SH	SOLE	1	8,431	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	22	915	SH	SOLE	1	915	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	42	1,785	SH	SOLE	1	1,785	0	0
LIQUIDIA TECHNOLOGIES INC	COM	53635D202	89	3,236	SH	SOLE	1	3,236	0	0
LIQUIDITY SERVICES INC	COM	53635B107	130	20,443	SH	SOLE	1	20,443	0	0
LITHIA MOTORS INC CL A	COM	536797103	1,474	18,053	SH	SOLE	1	18,053	0	0
LITTELFUSE INC	COM	537008104	10,110	51,088	SH	SOLE	1	51,088	0	0
LIVANOVA PLC	COM	G5509L101	16,142	130,206	SH	SOLE	1	130,206	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	15,323	281,319	SH	SOLE	1	281,319	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	453	16,888	SH	SOLE	1	16,888	0	0
LIVEPERSON INC	COM	538146101	1,180	45,469	SH	SOLE	1	45,469	0	0
LIVEXLIVE MEDIA INC	COM	53839L208	12	3,188	SH	SOLE	1	3,188	0	0
LKQ CORP	COM	501889208	3,914	123,602	SH	SOLE	1	123,602	0	0
LLOYDS BANK PLC	COM	53944VAH2	1,066	1,101,000	SH	SOLE	1	1,101,000	0	0
LOCKHEED MARTIN CORP	COM	539830109	42,949	124,144	SH	SOLE	1	124,144	0	0
LOEWS CORP	COM	540424108	10,303	205,121	SH	SOLE	1	205,121	0	0
LOGMEIN INC	COM	54142L109	9,412	105,635	SH	SOLE	1	105,635	0	0
LORAL SPACE and COMMUNICATIONS	COM	543881106	387	8,520	SH	SOLE	1	8,520	0	0
LOUISIANA PACIFIC CORP	COM	546347105	11,149	420,866	SH	SOLE	1	420,866	0	0
LOVESAC CO/THE	COM	54738L109	59	2,345	SH	SOLE	1	2,345	0	0
LOWE S COS INC	COM	548661107	38,797	337,895	SH	SOLE	1	337,895	0	0
LOXO ONCOLOGY INC	COM	548862101	3,048	17,845	SH	SOLE	1	17,845	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	138	2,136	SH	SOLE	1	2,136	0	0

LSB INDUSTRIES INC	COM	502160104	164	16,794	SH	SOLE	1	16,794	0	0
LSC COMMUNICATIONS INC	COM	50218P107	286	25,818	SH	SOLE	1	25,818	0	0
LTC PROPERTIES INC	COM	502175102	1,365	30,937	SH	SOLE	1	30,937	0	0
LULULEMON ATHLETICA INC	COM	550021109	386	2,373	SH	SOLE	1	2,373	0	0
LUMBER LIQUIDATORS HOLDINGS	COM	55003T107	346	22,366	SH	SOLE	1	22,366	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	10,078	168,103	SH	SOLE	1	168,103	0	0
LUMINEX CORP	COM	55027E102	987	32,564	SH	SOLE	1	32,564	0	0
LUTHER BURBANK CORP	COM	550550107	147	13,521	SH	SOLE	1	13,521	0	0
LYDALL INC	COM	550819106	575	13,343	SH	SOLE	1	13,343	0	0
LYONDELLBASELL INDU CL A	COM	N53745100	477,825	4,661,251	SH	SOLE	1	4,661,251	0	0
M and T BANK CORP	COM	55261F104	13,764	83,652	SH	SOLE	1	83,652	0	0
M/I HOMES INC	COM	55305B101	523	21,858	SH	SOLE	1	21,858	0	0
MACATAWA BANK CORP	COM	554225102	202	17,262	SH	SOLE	1	17,262	0	0
MACERICH CO/THE	COM	554382101	2,266	40,980	SH	SOLE	1	40,980	0	0
MACK CALI REALTY CORP	COM	554489104	5,145	241,992	SH	SOLE	1	241,992	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	619	30,067	SH	SOLE	1	30,067	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	66	1,441	SH	SOLE	1	1,441	0	0
MACROGENICS INC	COM	556099109	558	26,007	SH	SOLE	1	26,007	0	0
MACY S INC	COM	55616P104	608,747	17,527,980	SH	SOLE	1	17,527,980	0	0
MADISON SQUARE GARDEN CO A	COM	55825T103	109	346	SH	SOLE	1	346	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	986	4,603	SH	SOLE	1	4,603	0	0
MAGELLAN HEALTH INC	COM	559079207	1,392	19,325	SH	SOLE	1	19,325	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	32	2,679	SH	SOLE	1	2,679	0	0
MAIDEN HOLDINGS LTD	COM	G5753U112	153	53,617	SH	SOLE	1	53,617	0	0
MAJESCO	COM	56068V102	28	3,719	SH	SOLE	1	3,719	0	0
MALIBU BOATS INC A	COM	56117J100	743	13,584	SH	SOLE	1	13,584	0	0
MALLINCKRODT PLC	COM	G5785G107	6,514	222,252	SH	SOLE	1	222,252	0	0
MALVERN BANCORP INC	COM	561409103	102	4,238	SH	SOLE	1	4,238	0	0
MAMMOTH ENERGY SERVICES INC	COM	56155L108	241	8,296	SH	SOLE	1	8,296	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	7,321	134,090	SH	SOLE	1	134,090	0	0
MANITEX INTERNATIONAL INC	COM	563420108	102	9,643	SH	SOLE	1	9,643	0	0
MANITOWOC COMPANY INC	COM	563571405	562	23,441	SH	SOLE	1	23,441	0	0
MANNKIND CORP	COM	56400P706	170	92,927	SH	SOLE	1	92,927	0	0
MANPOWERGROUP INC	COM	56418H100	13,016	151,420	SH	SOLE	1	151,420	0	0
MANTECH INTERNATIONAL CORP A	COM	564563104	1,315	20,772	SH	SOLE	1	20,772	0	0
MANULIFE FINANCIAL CORP	COM	56501R957	564	31,548	SH	SOLE	1	31,548	0	0
MARATHON OIL CORP	COM	565849106	11,281	484,576	SH	SOLE	1	484,576	0	0
MARATHON PETROLEUM CORP	COM	56585A102	13,460	168,319	SH	SOLE	1	168,319	0	0
MARCUS and MILLICHAP INC	COM	566324109	448	12,902	SH	SOLE	1	12,902	0	0
MARCUS CORPORATION	COM	566330106	639	15,193	SH	SOLE	1	15,193	0	0

MARINE PRODUCTS CORP	COM	568427108	114	4,988	SH	SOLE	1	4,988	0	0
MARINEMAX INC	COM	567908108	425	20,016	SH	SOLE	1	20,016	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q101	242	24,152	SH	SOLE	1	24,152	0	0
MARKEL CORP	COM	570535104	909	765	SH	SOLE	1	765	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	13,669	76,579	SH	SOLE	1	76,579	0	0
MARLIN BUSINESS SERVICES INC	COM	571157106	166	5,755	SH	SOLE	1	5,755	0	0
MARRIOTT INTERNATIONAL CL A	COM	571903202	15,148	114,731	SH	SOLE	1	114,731	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	12,107	108,337	SH	SOLE	1	108,337	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	66	36,191	SH	SOLE	1	36,191	0	0
MARSH and MCLENNAN COS	COM	571748102	15,955	192,882	SH	SOLE	1	192,882	0	0
MARTEN TRANSPORT LTD	COM	573075108	646	30,677	SH	SOLE	1	30,677	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	4,525	24,867	SH	SOLE	1	24,867	0	0
MARVELL TECHNOLOGY GROUP LTD	COM	G5876H105	208	10,800	SH	SOLE	1	10,800	0	0
MASCO CORP	COM	574599106	5,636	153,996	SH	SOLE	1	153,996	0	0
MASIMO CORP	COM	574795100	12,178	97,787	SH	SOLE	1	97,787	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	1,165	18,173	SH	SOLE	1	18,173	0	0
MASTEC INC	COM	576323109	1,922	43,036	SH	SOLE	1	43,036	0	0
MASTERCARD INC A	COM	57636Q104	84,496	379,570	SH	SOLE	1	379,570	0	0
MATADOR RESOURCES CO	COM	576485205	9,207	278,579	SH	SOLE	1	278,579	0	0
MATCH GROUP INC	COM	57665R106	72	1,249	SH	SOLE	1	1,249	0	0
MATERION CORP	COM	576690101	957	15,815	SH	SOLE	1	15,815	0	0
MATRIX SERVICE CO	COM	576853105	514	20,836	SH	SOLE	1	20,836	0	0
MATSON INC	COM	57686G105	1,321	33,315	SH	SOLE	1	33,315	0	0
MATTEL INC	COM	577081102	2,337	148,828	SH	SOLE	1	148,828	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	1,234	24,615	SH	SOLE	1	24,615	0	0
MAUI LAND and PINEAPPLE CO	COM	577345101	58	4,499	SH	SOLE	1	4,499	0	0
MAXAR TECHNOLOGIES LTD	COM	57778L103	1,243	37,588	SH	SOLE	1	37,588	0	0
MAXIM INTEGRATED PRODUCTS	COM	57772K101	1,567	27,785	SH	SOLE	1	27,785	0	0
MAXIMUS INC	COM	577933104	11,178	171,806	SH	SOLE	1	171,806	0	0
MAXLINEAR INC	COM	57776J100	976	49,090	SH	SOLE	1	49,090	0	0
MAXWELL TECHNOLOGIES INC	COM	577767106	95	27,175	SH	SOLE	1	27,175	0	0
MB FINANCIAL INC	COM	55264U108	10,363	224,743	SH	SOLE	1	224,743	0	0
MBIA INC	COM	55262C100	628	58,728	SH	SOLE	1	58,728	0	0
MBT FINANCIAL CORP	COM	578877102	134	11,865	SH	SOLE	1	11,865	0	0
MCBC HOLDINGS INC	COM	55276F107	439	12,233	SH	SOLE	1	12,233	0	0
MCCORMICK and CO NON VTG SHRS	COM	579780206	5,961	45,244	SH	SOLE	1	45,244	0	0
MCDERMOTT INTL INC	COM	580037703	8,898	482,777	SH	SOLE	1	482,777	0	0
MCDONALD S CORP	COM	580135101	54,786	327,491	SH	SOLE	1	327,491	0	0
MCGRATH RENTCORP	COM	580589109	871	15,996	SH	SOLE	1	15,996	0	0
MCKESSON CORP	COM	58155Q103	9,115	68,717	SH	SOLE	1	68,717	0	0
MDC HOLDINGS INC	COM	552676108	1,053	35,584	SH	SOLE	1	35,584	0	0

MDC PARTNERS INC A	COM	552697104	154	37,059	SH	SOLE	1	37,059	0	0
MDU RESOURCES GROUP INC	COM	552690109	10,236	398,427	SH	SOLE	1	398,427	0	0
MEDEQUITIES REALTY TRUST INC	COM	58409L306	185	18,986	SH	SOLE	1	18,986	0	0
MEDIA GEN INC CVR	COM	584CVR997	0	62,742	SH	SOLE	1	62,742	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	11,058	741,645	SH	SOLE	1	741,645	0	0
MEDICINES COMPANY	COM	584688105	1,605	53,672	SH	SOLE	1	53,672	0	0
MEDICINOVA INC	COM	58468P206	330	26,444	SH	SOLE	1	26,444	0	0
MEDIDATA SOLUTIONS INC	COM	58471A105	11,622	158,539	SH	SOLE	1	158,539	0	0
MEDIFAST INC	COM	58470H101	2,041	9,212	SH	SOLE	1	9,212	0	0
MEDNAX INC	COM	58502B106	8,864	189,980	SH	SOLE	1	189,980	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	864	14,419	SH	SOLE	1	14,419	0	0
MEDTRONIC PLC	COM	G5960L103	44,859	456,020	SH	SOLE	1	456,020	0	0
MEET GROUP INC/THE	COM	58513U101	229	46,226	SH	SOLE	1	46,226	0	0
MEGA FINANCIAL HOLDING CO LT	COM	644406902	147	163,000	SH	SOLE	1	163,000	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	33	2,455	SH	SOLE	1	2,455	0	0
MELCO RESORTS and ENTERT ADR	ADR	585464100	598	28,260	SH	SOLE	1	28,260	0	0
MELINTA THERAPEUTICS INC	COM	58549G100	91	23,041	SH	SOLE	1	23,041	0	0
MENLO THERAPEUTICS INC	COM	586858102	63	6,385	SH	SOLE	1	6,385	0	0
MERCADOLIBRE INC	COM	58733R102	1,058	3,107	SH	SOLE	1	3,107	0	0
MERCANTILE BANK CORP	COM	587376104	359	10,769	SH	SOLE	1	10,769	0	0
MERCHANTS BANCORP/IN	COM	58844R108	272	10,690	SH	SOLE	1	10,690	0	0
MERCK and CO. INC.	COM	58933Y105	600,302	8,462,109	SH	SOLE	1	8,462,109	0	0
MERCURY GENERAL CORP	COM	589400100	3,931	78,365	SH	SOLE	1	78,365	0	0
MERCURY SYSTEMS INC	COM	589378108	2,051	37,078	SH	SOLE	1	37,078	0	0
MEREDITH CORP	COM	589433101	5,428	106,331	SH	SOLE	1	106,331	0	0
MERIDIAN BANCORP INC	COM	58958U103	542	31,895	SH	SOLE	1	31,895	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	488	32,731	SH	SOLE	1	32,731	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	2,583	42,037	SH	SOLE	1	42,037	0	0
MERITAGE HOMES CORP	COM	59001A102	1,212	30,370	SH	SOLE	1	30,370	0	0
MERITOR INC	COM	59001K100	1,065	55,003	SH	SOLE	1	55,003	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	84	8,354	SH	SOLE	1	8,354	0	0
MESA AIR GROUP INC	COM	590479135	89	6,448	SH	SOLE	1	6,448	0	0
MESA LABORATORIES INC	COM	59064R109	414	2,231	SH	SOLE	1	2,231	0	0
META FINANCIAL GROUP INC	COM	59100U108	603	7,291	SH	SOLE	1	7,291	0	0
METHODE ELECTRONICS INC	COM	591520200	1,029	28,418	SH	SOLE	1	28,418	0	0
METLIFE INC	COM	59156R108	15,988	342,207	SH	SOLE	1	342,207	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	178	4,325	SH	SOLE	1	4,325	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	5,422	8,904	SH	SOLE	1	8,904	0	0
MFA FINANCIAL INC	COM	55272X102	60	8,100	SH	SOLE	1	8,100	0	0
MGE ENERGY INC	COM	55277P104	1,479	23,170	SH	SOLE	1	23,170	0	0



MGIC INVESTMENT CORP	COM	552848103	3,195	240,072	SH	SOLE	1	240,072	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	5,085	182,176	SH	SOLE	1	182,176	0	0
MGP INGREDIENTS INC	COM	55303J106	815	10,316	SH	SOLE	1	10,316	0	0
MICHAEL KORS HOLDINGS LTD	COM	G60754101	3,853	56,196	SH	SOLE	1	56,196	0	0
MICHAELS COS INC/THE	COM	59408Q106	3,228	198,868	SH	SOLE	1	198,868	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	8,786	111,345	SH	SOLE	1	111,345	0	0
MICRON TECHNOLOGY INC	COM	595112103	22,613	499,951	SH	SOLE	1	499,951	0	0
MICROSOFT CORP	COM	594918104	387,530	3,388,388	SH	SOLE	1	3,388,388	0	0
MICROSTRATEGY INC CL A	COM	594972408	1,047	7,449	SH	SOLE	1	7,449	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	4,298	42,898	SH	SOLE	1	42,898	0	0
MID PENN BANCORP INC	COM	59540G107	91	3,119	SH	SOLE	1	3,119	0	0
MIDDLEBY CORP	COM	596278101	154	1,187	SH	SOLE	1	1,187	0	0
MIDDLEFIELD BANC CORP	COM	596304204	95	2,020	SH	SOLE	1	2,020	0	0
MIDDLESEX WATER CO	COM	596680108	512	10,564	SH	SOLE	1	10,564	0	0
MIDLAND STATES BANCORP INC	COM	597742105	449	13,994	SH	SOLE	1	13,994	0	0
MIDSOUTH BANCORP INC	COM	598039105	153	9,923	SH	SOLE	1	9,923	0	0
MIDSTATES PETROLEUM CO INC	COM	59804T407	89	9,944	SH	SOLE	1	9,944	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	247	7,401	SH	SOLE	1	7,401	0	0
MILACRON HOLDINGS CORP	COM	59870L106	932	46,013	SH	SOLE	1	46,013	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	197	7,324	SH	SOLE	1	7,324	0	0
MIMEDX GROUP INC	COM	602496101	501	81,147	SH	SOLE	1	81,147	0	0
MINDBODY INC CLASS A	COM	60255W105	1,175	28,914	SH	SOLE	1	28,914	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	6,396	94,610	SH	SOLE	1	94,610	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	255	20,307	SH	SOLE	1	20,307	0	0
MIRAGEN THERAPEUTICS INC	COM	60463E103	96	17,245	SH	SOLE	1	17,245	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	630	13,381	SH	SOLE	1	13,381	0	0
MISTRAS GROUP INC	COM	60649T107	252	11,615	SH	SOLE	1	11,615	0	0
MITEK SYSTEMS INC	COM	606710200	153	21,709	SH	SOLE	1	21,709	0	0
MITSUBISHI UFJ FIN GRP	COM	606822AD6	787	800,000	SH	SOLE	1	800,000	0	0
MKS INSTRUMENTS INC	COM	55306N104	8,952	111,694	SH	SOLE	1	111,694	0	0
MOBILE MINI INC	COM	60740F105	1,531	34,925	SH	SOLE	1	34,925	0	0
MOBILE TELESYSTEMS SP ADR	ADR	607409109	72	8,395	SH	SOLE	1	8,395	0	0
MOBILEIRON INC	COM	60739U204	255	48,063	SH	SOLE	1	48,063	0	0
MODEL N INC	COM	607525102	271	17,121	SH	SOLE	1	17,121	0	0
MODINE MANUFACTURING CO	COM	607828100	490	32,869	SH	SOLE	1	32,869	0	0
MOELIS and CO CLASS A	COM	60786M105	1,622	29,592	SH	SOLE	1	29,592	0	0
MOHAWK INDUSTRIES INC	COM	608190104	4,780	27,262	SH	SOLE	1	27,262	0	0
MOLECULAR TEMPLATES INC	COM	608550109	32	5,993	SH	SOLE	1	5,993	0	0
MOLINA HEALTHCARE	COM	60855R100	18,715	125,857	SH	SOLE	1	125,857	0	0

INC										
MOLSON COORS BREWING CO B	COM	60871R209	4,153	67,533	SH	SOLE	1	67,533	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	1,590	60,448	SH	SOLE	1	60,448	0	0
MOMO INC SPON ADR	ADR	60879B107	78	1,780	SH	SOLE	1	1,780	0	0
MONARCH CASINO and RESORT INC	COM	609027107	406	8,942	SH	SOLE	1	8,942	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	25,921	603,373	SH	SOLE	1	603,373	0	0
MONEYGRAM INTERNATIONAL INC	COM	60935Y208	110	20,485	SH	SOLE	1	20,485	0	0
MONMOUTH REAL ESTATE INV COR	COM	609720107	859	51,362	SH	SOLE	1	51,362	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	9,965	79,387	SH	SOLE	1	79,387	0	0
MONOTYPE IMAGING HOLDINGS IN	COM	61022P100	659	32,623	SH	SOLE	1	32,623	0	0
MONRO INC	COM	610236101	1,749	25,135	SH	SOLE	1	25,135	0	0
MONSTER BEVERAGE CORP	COM	61174X109	10,707	183,715	SH	SOLE	1	183,715	0	0
MOODY S CORP	COM	615369105	10,792	64,546	SH	SOLE	1	64,546	0	0
MOOG INC CLASS A	COM	615394202	2,171	25,254	SH	SOLE	1	25,254	0	0
MORGAN STANLEY	COM	617446448	21,242	456,135	SH	SOLE	1	456,135	0	0
MORNINGSTAR INC	COM	617700109	55	439	SH	SOLE	1	439	0	0
MOSAIC CO/THE	COM	61945C103	5,132	158,017	SH	SOLE	1	158,017	0	0
MOTORCAR PARTS OF AMERICA IN	COM	620071100	350	14,929	SH	SOLE	1	14,929	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	8,835	67,892	SH	SOLE	1	67,892	0	0
MOVADO GROUP INC	COM	624580106	522	12,452	SH	SOLE	1	12,452	0	0
MPLX LP	COM	55336VAC4	561	550,000	SH	SOLE	1	550,000	0	0
MRC GLOBAL INC	COM	55345K103	1,047	55,768	SH	SOLE	1	55,768	0	0
MSA SAFETY INC	COM	553498106	9,908	93,090	SH	SOLE	1	93,090	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	9,366	106,300	SH	SOLE	1	106,300	0	0
MSCI INC	COM	55354G100	5,991	33,771	SH	SOLE	1	33,771	0	0
MSG NETWORKS INC A	COM	553573106	1,013	39,267	SH	SOLE	1	39,267	0	0
MTS SYSTEMS CORP	COM	553777103	768	14,032	SH	SOLE	1	14,032	0	0
MUELLER INDUSTRIES INC	COM	624756102	1,293	44,633	SH	SOLE	1	44,633	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	1,181	102,646	SH	SOLE	1	102,646	0	0
MULTI COLOR CORP	COM	625383104	679	10,902	SH	SOLE	1	10,902	0	0
MURPHY OIL CORP	COM	626717102	11,025	330,688	SH	SOLE	1	330,688	0	0
MURPHY USA INC	COM	626755102	6,858	80,248	SH	SOLE	1	80,248	0	0
MUSTANG BIO INC	COM	62818Q104	64	10,710	SH	SOLE	1	10,710	0	0
MUTUALFIRST FINANCIAL INC	COM	62845B104	143	3,878	SH	SOLE	1	3,878	0	0
MVB FINANCIAL CORP	COM	553810102	101	5,582	SH	SOLE	1	5,582	0	0
MYERS INDUSTRIES INC	COM	628464109	643	27,646	SH	SOLE	1	27,646	0	0
MYLAN NV	COM	N59465109	7,914	216,220	SH	SOLE	1	216,220	0	0
MYOKARDIA INC	COM	62857M105	1,472	22,571	SH	SOLE	1	22,571	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	414	12,696	SH	SOLE	1	12,696	0	0
MYRIAD GENETICS INC	COM	62855J104	2,426	52,744	SH	SOLE	1	52,744	0	0
N B T BANCORP INC	COM	628778102	1,289	33,598	SH	SOLE	1	33,598	0	0
NABORS INDUSTRIES LTD	COM	G6359F103	4,077	661,921	SH	SOLE	1	661,921	0	0
NACCO INDUSTRIES CL A	COM	629579103	82	2,499	SH	SOLE	1	2,499	0	0

NANOMETRICS INC	COM	630077105	678	18,059	SH	SOLE	1	18,059	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	298	16,686	SH	SOLE	1	16,686	0	0
NANTHEALTH INC	COM	630104107	21	13,563	SH	SOLE	1	13,563	0	0
NANTKWEST INC	COM	63016Q102	69	18,710	SH	SOLE	1	18,710	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	118	7,866	SH	SOLE	1	7,866	0	0
NASDAQ INC	COM	631103108	4,088	47,642	SH	SOLE	1	47,642	0	0
NATERA INC	COM	632307104	523	21,839	SH	SOLE	1	21,839	0	0
NATHAN S FAMOUS INC	COM	632347100	156	1,895	SH	SOLE	1	1,895	0	0
NATIONAL BANK HOLD CL A	COM	633707104	837	22,223	SH	SOLE	1	22,223	0	0
NATIONAL BANK OF CANADA	COM	633067954	263	5,260	SH	SOLE	1	5,260	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	204	4,486	SH	SOLE	1	4,486	0	0
NATIONAL BEVERAGE CORP	COM	635017106	910	7,805	SH	SOLE	1	7,805	0	0
NATIONAL CINEMEDIA INC	COM	635309107	542	51,189	SH	SOLE	1	51,189	0	0
NATIONAL COMMERCE CORP	COM	63546L102	489	11,829	SH	SOLE	1	11,829	0	0
NATIONAL FUEL GAS CO	COM	636180101	9,790	174,634	SH	SOLE	1	174,634	0	0
NATIONAL GENERAL HLDGS	COM	636220303	1,098	40,897	SH	SOLE	1	40,897	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	607	8,049	SH	SOLE	1	8,049	0	0
NATIONAL INSTRUMENTS CORP	COM	636518102	11,065	228,946	SH	SOLE	1	228,946	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	8,587	199,322	SH	SOLE	1	199,322	0	0
NATIONAL PRESTO INDS INC	COM	637215104	506	3,905	SH	SOLE	1	3,905	0	0
NATIONAL RESEARCH CORP	COM	637372202	283	7,319	SH	SOLE	1	7,319	0	0
NATIONAL RETAIL PROPERTIES	COM	637417106	14,300	319,059	SH	SOLE	1	319,059	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	1,131	44,455	SH	SOLE	1	44,455	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	1,455	32,242	SH	SOLE	1	32,242	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	483	1,514	SH	SOLE	1	1,514	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	2,051	27,136	SH	SOLE	1	27,136	0	0
NATURAL GAS SERVICES GROUP	COM	63886Q109	175	8,282	SH	SOLE	1	8,282	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	101	5,987	SH	SOLE	1	5,987	0	0
NATURAL HEALTH TRENDS CORP	COM	63888P406	114	4,887	SH	SOLE	1	4,887	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	49	5,655	SH	SOLE	1	5,655	0	0
NATUS MEDICAL INC	COM	639050103	908	25,457	SH	SOLE	1	25,457	0	0
NAUTILUS INC	COM	63910B102	328	23,512	SH	SOLE	1	23,512	0	0
NAVIENT CORP	COM	63938C108	6,460	479,229	SH	SOLE	1	479,229	0	0
NAVIGANT CONSULTING INC	COM	63935N107	813	35,242	SH	SOLE	1	35,242	0	0
NAVIGATORS GROUP INC	COM	638904102	1,145	16,573	SH	SOLE	1	16,573	0	0
NAVISTAR INTERNATIONAL CORP	COM	63934E108	1,257	32,649	SH	SOLE	1	32,649	0	0
NCI BUILDING SYSTEMS INC	COM	628852204	428	28,281	SH	SOLE	1	28,281	0	0

NCR CORPORATION	COM	62886E108	6,826	240,255	SH	SOLE	1	240,255	0	0
NCS MULTISTAGE HOLDINGS INC	COM	628877102	107	6,488	SH	SOLE	1	6,488	0	0
NEENAH INC	COM	640079109	1,132	13,118	SH	SOLE	1	13,118	0	0
NEKTAR THERAPEUTICS	COM	640268108	3,692	60,570	SH	SOLE	1	60,570	0	0
NELNET INC CL A	COM	64031N108	706	12,345	SH	SOLE	1	12,345	0	0
NEOGEN CORP	COM	640491106	2,838	39,678	SH	SOLE	1	39,678	0	0
NEOGENOMICS INC	COM	64049M209	646	42,114	SH	SOLE	1	42,114	0	0
NEON THERAPEUTICS INC	COM	64050Y100	36	4,185	SH	SOLE	1	4,185	0	0
NEOPHOTONICS CORP	COM	64051T100	194	23,315	SH	SOLE	1	23,315	0	0
NEOS THERAPEUTICS INC	COM	64052L106	91	18,798	SH	SOLE	1	18,798	0	0
NETAPP INC	COM	64110D104	9,086	105,789	SH	SOLE	1	105,789	0	0
NETEASE INC ADR	ADR	64110W102	1,314	5,756	SH	SOLE	1	5,756	0	0
NETFLIX INC	COM	64110L106	70,922	189,566	SH	SOLE	1	189,566	0	0
NETGEAR INC	COM	64111Q104	1,546	24,605	SH	SOLE	1	24,605	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	4,990	197,611	SH	SOLE	1	197,611	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	265	2,154	SH	SOLE	1	2,154	0	0
NEURONETICS INC	COM	64131A105	136	4,235	SH	SOLE	1	4,235	0	0
NEVRO CORP	COM	64157F103	1,101	19,313	SH	SOLE	1	19,313	0	0
NEW HOME CO INC/THE	COM	645370107	69	8,590	SH	SOLE	1	8,590	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	10,867	235,735	SH	SOLE	1	235,735	0	0
NEW MEDIA INVESTMENT GROUP	COM	64704V106	725	46,180	SH	SOLE	1	46,180	0	0
NEW ORIENTAL EDUCATIO SP ADR	ADR	647581107	170	2,301	SH	SOLE	1	2,301	0	0
NEW RELIC INC	COM	64829B100	2,772	29,415	SH	SOLE	1	29,415	0	0
NEW RESIDENTIAL INVESTMENT	COM	64828T201	108	6,056	SH	SOLE	1	6,056	0	0
NEW SENIOR INVESTMENT GROUP	COM	648691103	292	49,523	SH	SOLE	1	49,523	0	0
NEW YORK and CO	COM	649295102	74	19,212	SH	SOLE	1	19,212	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	10,459	1,008,624	SH	SOLE	1	1,008,624	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604501	664	109,168	SH	SOLE	1	109,168	0	0
NEW YORK TIMES CO A	COM	650111107	8,600	371,479	SH	SOLE	1	371,479	0	0
NEWELL BRANDS INC	COM	651229106	5,662	278,901	SH	SOLE	1	278,901	0	0
NEWFIELD EXPLORATION CO	COM	651290108	2,667	92,523	SH	SOLE	1	92,523	0	0
NEWLINK GENETICS CORP	COM	651511107	46	19,311	SH	SOLE	1	19,311	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	173	15,438	SH	SOLE	1	15,438	0	0
NEWMARKET CORP	COM	651587107	7,375	18,188	SH	SOLE	1	18,188	0	0
NEWMONT MINING CORP	COM	651639106	5,833	193,151	SH	SOLE	1	193,151	0	0
NEWPARK RESOURCES INC	COM	651718504	726	70,182	SH	SOLE	1	70,182	0	0
NEWS CORP CLASS A	COM	65249B109	4,123	312,576	SH	SOLE	1	312,576	0	0
NEWS CORP CLASS B	COM	65249B208	609	44,773	SH	SOLE	1	44,773	0	0
NEXEO SOLUTIONS INC	COM	65342H102	266	21,753	SH	SOLE	1	21,753	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	364	10,954	SH	SOLE	1	10,954	0	0
NEXSTAR MEDIA GROUP INC CL A	COM	65336K103	2,419	29,712	SH	SOLE	1	29,712	0	0
NEXTDECADE CORP	COM	65342K105	29	5,190	SH	SOLE	1	5,190	0	0
NEXTERA ENERGY INC	COM	65339F101	26,597	158,691	SH	SOLE	1	158,691	0	0

NEXTGEN HEALTHCARE INC	COM	65343C102	824	41,059	SH	SOLE	1	41,059	0	0
NI HOLDINGS INC	COM	65342T106	109	6,442	SH	SOLE	1	6,442	0	0
NIC INC	COM	62914B100	752	50,815	SH	SOLE	1	50,815	0	0
NICOLET BANKSHARES INC	COM	65406E102	301	5,519	SH	SOLE	1	5,519	0	0
NIELSEN HOLDINGS PLC	COM	G6518L108	18,384	664,655	SH	SOLE	1	664,655	0	0
NII HOLDINGS INC	COM	62913F508	345	58,924	SH	SOLE	1	58,924	0	0
NIKE INC CL B	COM	654106103	36,248	427,861	SH	SOLE	1	427,861	0	0
NINE ENERGY SERVICE INC	COM	65441V101	301	9,854	SH	SOLE	1	9,854	0	0
NIPPON BUILDING FUND INC	COM	639680909	914	158	SH	SOLE	1	158	0	0
NISOURCE INC	COM	65473P105	4,469	179,321	SH	SOLE	1	179,321	0	0
NL INDUSTRIES	COM	629156407	33	5,540	SH	SOLE	1	5,540	0	0
NLIGHT INC	COM	65487K100	103	4,620	SH	SOLE	1	4,620	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,117	49,305	SH	SOLE	1	49,305	0	0
NN INC	COM	629337106	286	18,361	SH	SOLE	1	18,361	0	0
NOBLE CORP PLC	COM	G65431101	1,362	193,761	SH	SOLE	1	193,761	0	0
NOBLE ENERGY INC	COM	655044105	6,423	205,945	SH	SOLE	1	205,945	0	0
NOMURA RESEARCH INSTITUTE LT	COM	639092907	642	12,700	SH	SOLE	1	12,700	0	0
NOODLES and CO	COM	65540B105	112	9,294	SH	SOLE	1	9,294	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	195	93,067	SH	SOLE	1	93,067	0	0
NORDSON CORP	COM	655663102	14,836	106,813	SH	SOLE	1	106,813	0	0
NORDSTROM INC	COM	655664100	3,369	56,328	SH	SOLE	1	56,328	0	0
NORFOLK SOUTHERN CORP	COM	655844108	20,830	115,403	SH	SOLE	1	115,403	0	0
NORTHEAST BANCORP	COM	663904209	106	4,892	SH	SOLE	1	4,892	0	0
NORTHERN OIL AND GAS INC	COM	665531109	516	129,028	SH	SOLE	1	129,028	0	0
NORTHERN TRUST CORP	COM	665859104	10,397	101,803	SH	SOLE	1	101,803	0	0
NORTHFIELD BANCORP INC	COM	66611T108	550	34,548	SH	SOLE	1	34,548	0	0
NORTHRIM BANCORP INC	COM	666762109	187	4,503	SH	SOLE	1	4,503	0	0
NORTHROP GRUMMAN CORP	COM	666807102	18,457	58,156	SH	SOLE	1	58,156	0	0
NORTHSTAR REALTY EUROPE CORP	COM	66706L101	420	29,646	SH	SOLE	1	29,646	0	0
NORTHWEST BANCSHARES INC	COM	667340103	1,317	76,057	SH	SOLE	1	76,057	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	1,505	22,501	SH	SOLE	1	22,501	0	0
NORTHWEST PIPE CO	COM	667746101	125	6,336	SH	SOLE	1	6,336	0	0
NORTHWESTERN CORP	COM	668074305	7,914	134,914	SH	SOLE	1	134,914	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	4,067	70,813	SH	SOLE	1	70,813	0	0
NORWOOD FINANCIAL CORP	COM	669549107	149	3,815	SH	SOLE	1	3,815	0	0
NOVANTA INC	COM	67000B104	1,486	21,729	SH	SOLE	1	21,729	0	0
NOVARTIS CAPITAL CORP	COM	66989HAG3	2,003	2,000,000	SH	SOLE	1	2,000,000	0	0
NOVAVAX INC	COM	670002104	475	252,905	SH	SOLE	1	252,905	0	0
NOVELION THERAPEUTIC	COM	67001K202	0	22	SH	SOLE	2	22	0	0
NOVOCURE LTD	COM	G6674U108	2,558	48,825	SH	SOLE	1	48,825	0	0
NOW INC	COM	67011P100	4,799	289,958	SH	SOLE	1	289,958	0	0
NRG ENERGY INC	COM	629377508	5,098	136,309	SH	SOLE	1	136,309	0	0

NU SKIN ENTERPRISES INC A	COM	67018T105	9,311	112,972	SH	SOLE	1	112,972	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	92	5,331	SH	SOLE	1	5,331	0	0
NUCOR CORP	COM	670346105	12,349	194,632	SH	SOLE	1	194,632	0	0
NUTANIX INC A	COM	67059N108	110	2,574	SH	SOLE	1	2,574	0	0
NUTRISYSTEM INC	COM	67069D108	858	23,163	SH	SOLE	1	23,163	0	0
NUVASIVE INC	COM	670704105	9,775	137,714	SH	SOLE	1	137,714	0	0
NUVECTRA CORP	COM	67075N108	203	9,228	SH	SOLE	1	9,228	0	0
NUVERRA ENVIRONMENTAL SOLUTI	COM	67091K302	9	845	SH	SOLE	1	845	0	0
NV5 GLOBAL INC	COM	62945V109	539	6,221	SH	SOLE	1	6,221	0	0
NVE CORP	COM	629445206	335	3,165	SH	SOLE	1	3,165	0	0
NVENT ELECTRIC PLC	COM	G6700G107	8,994	331,155	SH	SOLE	1	331,155	0	0
NVIDIA CORP	COM	67066G104	74,332	264,507	SH	SOLE	1	264,507	0	0
NVR INC	COM	62944T105	17,160	6,945	SH	SOLE	1	6,945	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	3,605	42,163	SH	SOLE	1	42,163	0	0
NXSTAGE MEDICAL INC	COM	67072V103	1,200	43,024	SH	SOLE	1	43,024	0	0
NYMOX PHARMACEUTICAL CORP	COM	P73398102	53	21,481	SH	SOLE	1	21,481	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	13,696	39,432	SH	SOLE	1	39,432	0	0
OAK VALLEY BANCORP	COM	671807105	90	4,601	SH	SOLE	1	4,601	0	0
OASIS PETROLEUM INC	COM	674215108	10,167	716,974	SH	SOLE	1	716,974	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	33,689	409,991	SH	SOLE	1	409,991	0	0
OCEAN RIG UDW INC A	COM	G66964118	1,254	36,220	SH	SOLE	1	36,220	0	0
OCEANEERING INTL INC	COM	675232102	7,290	264,121	SH	SOLE	1	264,121	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	858	31,515	SH	SOLE	1	31,515	0	0
OCLARO INC	COM	67555N206	1,184	132,473	SH	SOLE	1	132,473	0	0
OCONEE FEDERAL FINANCIAL COR	COM	675607105	17	629	SH	SOLE	1	629	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	152	22,152	SH	SOLE	1	22,152	0	0
OCWEN FINANCIAL CORP	COM	675746309	307	77,969	SH	SOLE	1	77,969	0	0
ODONATE THERAPEUTICS INC	COM	676079106	87	4,500	SH	SOLE	1	4,500	0	0
OFFICE DEPOT INC	COM	676220106	1,400	436,107	SH	SOLE	1	436,107	0	0
OFG BANCORP	COM	67103X102	551	34,098	SH	SOLE	1	34,098	0	0
OHIO VALLEY BANC CORP	COM	677719106	100	2,722	SH	SOLE	1	2,722	0	0
OIL DRI CORP OF AMERICA	COM	677864100	128	3,331	SH	SOLE	1	3,331	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	1,556	46,869	SH	SOLE	1	46,869	0	0
OKTA INC	COM	679295105	146	2,072	SH	SOLE	1	2,072	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	21,568	133,749	SH	SOLE	1	133,749	0	0
OLD LINE BANCSHARES INC	COM	67984M100	329	10,395	SH	SOLE	1	10,395	0	0
OLD NATIONAL BANCORP	COM	680033107	2,294	118,844	SH	SOLE	1	118,844	0	0
OLD REPUBLIC INTL CORP	COM	680223104	12,934	577,929	SH	SOLE	1	577,929	0	0
OLD SECOND BANCORP INC	COM	680277100	298	19,266	SH	SOLE	1	19,266	0	0
OLIN CORP	COM	680665205	8,718	339,474	SH	SOLE	1	339,474	0	0
OLLIE S BARGAIN	COM	681116109	13,124	136,567	SH	SOLE	1	136,567	0	0

OUTLET HOLDI											
OLYMPIC STEEL INC	COM	68162K106	151	7,222	SH	SOLE	1	7,222	0	0	
OMEGA FLEX INC	COM	682095104	137	1,931	SH	SOLE	1	1,931	0	0	
OMEGA HEALTHCARE INVESTORS	COM	681936100	13,346	407,260	SH	SOLE	1	407,260	0	0	
OMEROS CORP	COM	682143102	742	30,401	SH	SOLE	1	30,401	0	0	
OMNICELL INC	COM	68213N109	2,192	30,486	SH	SOLE	1	30,486	0	0	
OMNICOM GROUP	COM	681919106	30,452	447,691	SH	SOLE	1	447,691	0	0	
OMNOVA SOLUTIONS INC	COM	682129101	286	29,048	SH	SOLE	1	29,048	0	0	
ON DECK CAPITAL INC	COM	682163100	257	33,884	SH	SOLE	1	33,884	0	0	
ON SEMICONDUCTOR CORP	COM	682189105	189	10,242	SH	SOLE	1	10,242	0	0	
ONE GAS INC	COM	68235P108	11,552	140,399	SH	SOLE	1	140,399	0	0	
ONE LIBERTY PROPERTIES INC	COM	682406103	276	9,933	SH	SOLE	1	9,933	0	0	
ONEMAIN HOLDINGS INC	COM	68268W103	48	1,417	SH	SOLE	1	1,417	0	0	
ONEOK INC	COM	682680103	12,318	181,706	SH	SOLE	1	181,706	0	0	
ONESPAN INC	COM	68287N100	471	24,735	SH	SOLE	1	24,735	0	0	
OOMA INC	COM	683416101	201	12,123	SH	SOLE	1	12,123	0	0	
OP BANCORP	COM	67109R109	97	8,381	SH	SOLE	1	8,381	0	0	
OPEN TEXT CORP	COM	683715957	232	6,092	SH	SOLE	1	6,092	0	0	
OPKO HEALTH INC	COM	68375N103	738	213,410	SH	SOLE	1	213,410	0	0	
OPPENHEIMER HOLDINGS CL A	COM	683797104	203	6,414	SH	SOLE	1	6,414	0	0	
OPTINOSE INC	COM	68404V100	158	12,733	SH	SOLE	1	12,733	0	0	
OPUS BANK	COM	684000102	430	15,711	SH	SOLE	1	15,711	0	0	
ORACLE CORP	COM	68389X105	65,700	1,274,245	SH	SOLE	1	1,274,245	0	0	
ORASURE TECHNOLOGIES INC	COM	68554V108	732	47,377	SH	SOLE	1	47,377	0	0	
ORBCOMM INC	COM	68555P100	527	48,542	SH	SOLE	1	48,542	0	0	
ORCHID ISLAND CAPITAL INC	COM	68571X103	252	34,727	SH	SOLE	1	34,727	0	0	
ORGANOVO HOLDINGS INC	COM	68620A104	87	75,681	SH	SOLE	1	75,681	0	0	
ORIGIN BANCORP INC	COM	68621T102	436	11,586	SH	SOLE	1	11,586	0	0	
ORION GROUP HOLDINGS INC	COM	68628V308	167	22,184	SH	SOLE	1	22,184	0	0	
ORITANI FINANCIAL CORP	COM	68633D103	489	31,415	SH	SOLE	1	31,415	0	0	
ORMAT TECHNOLOGIES INC	COM	686688102	1,429	26,416	SH	SOLE	1	26,416	0	0	
ORRSTOWN FINL SERVICES INC	COM	687380105	117	4,934	SH	SOLE	1	4,934	0	0	
ORTHOFIX MEDICAL INC	COM	68752M108	804	13,905	SH	SOLE	1	13,905	0	0	
ORTHOPEDIATRICS CORP	COM	68752L100	168	4,595	SH	SOLE	1	4,595	0	0	
OSKOSH CORP	COM	688239201	10,587	148,612	SH	SOLE	1	148,612	0	0	
OSI SYSTEMS INC	COM	671044105	1,007	13,200	SH	SOLE	1	13,200	0	0	
OTTER TAIL CORP	COM	689648103	1,252	26,145	SH	SOLE	1	26,145	0	0	
OUTFRONT MEDIA INC	COM	69007J106	50	2,512	SH	SOLE	1	2,512	0	0	
OVERSEAS SHIPHOLDING GROUP A	COM	69036R863	119	37,821	SH	SOLE	1	37,821	0	0	
OVERSTOCK.COM INC	COM	690370101	381	13,749	SH	SOLE	1	13,749	0	0	
OVID THERAPEUTICS INC	COM	690469101	50	8,741	SH	SOLE	1	8,741	0	0	
OWENS and MINOR INC	COM	690732102	795	48,118	SH	SOLE	1	48,118	0	0	
OWENS CORNING	COM	690742101	108	1,987	SH	SOLE	1	1,987	0	0	
OWENS ILLINOIS INC	COM	690768403	6,083	323,761	SH	SOLE	1	323,761	0	0	

OXFORD IMMUNOTEC GLOBAL PLC	COM	G6855A103	273	16,837	SH	SOLE	1	16,837	0	0
OXFORD INDUSTRIES INC	COM	691497309	1,188	13,171	SH	SOLE	1	13,171	0	0
P G and E CORP	COM	69331C108	8,616	187,271	SH	SOLE	1	187,271	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	94	1,441	SH	SOLE	1	1,441	0	0
PACCAR INC	COM	693718108	12,199	178,903	SH	SOLE	1	178,903	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	437	80,823	SH	SOLE	1	80,823	0	0
PACIFIC CITY FINANCIAL CORP	COM	69406T408	152	7,863	SH	SOLE	1	7,863	0	0
PACIFIC MERCANTILE BANCORP	COM	694552100	96	10,310	SH	SOLE	1	10,310	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,329	35,717	SH	SOLE	1	35,717	0	0
PACIRA PHARMACEUTICALS INC	COM	695127100	1,301	26,472	SH	SOLE	1	26,472	0	0
PACKAGING CORP OF AMERICA	COM	695156109	4,773	43,512	SH	SOLE	1	43,512	0	0
PACWEST BANCORP	COM	695263103	11,861	248,925	SH	SOLE	1	248,925	0	0
PALATIN TECHNOLOGIES INC	COM	696077403	131	131,551	SH	SOLE	1	131,551	0	0
PALO ALTO NETWORKS INC	COM	697435105	809	3,592	SH	SOLE	1	3,592	0	0
PANDORA MEDIA INC	COM	698354107	1,616	169,966	SH	SOLE	1	169,966	0	0
PANHANDLE OIL AND GAS INC A	COM	698477106	193	10,459	SH	SOLE	1	10,459	0	0
PAPA JOHN S INTL INC	COM	698813102	3,075	59,962	SH	SOLE	1	59,962	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	491	24,047	SH	SOLE	1	24,047	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	168	7,551	SH	SOLE	1	7,551	0	0
PARAMOUNT GROUP INC	COM	69924R108	57	3,758	SH	SOLE	1	3,758	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	203	20,894	SH	SOLE	1	20,894	0	0
PARK CITY GROUP INC	COM	700215304	89	8,835	SH	SOLE	1	8,835	0	0
PARK ELECTROCHEMICAL CORP	COM	700416209	295	15,111	SH	SOLE	1	15,111	0	0
PARK HOTELS and RESORTS INC	COM	700517105	120	3,643	SH	SOLE	1	3,643	0	0
PARK NATIONAL CORP	COM	700658107	962	9,113	SH	SOLE	1	9,113	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	228	5,935	SH	SOLE	1	5,935	0	0
PARKE BANCORP INC	COM	700885106	103	4,593	SH	SOLE	1	4,593	0	0
PARKER HANNIFIN CORP	COM	701094104	10,649	57,899	SH	SOLE	1	57,899	0	0
PARSLEY ENERGY INC CLASS A	COM	701877102	229	7,841	SH	SOLE	1	7,841	0	0
PARTY CITY HOLDCO INC	COM	702149105	510	37,610	SH	SOLE	1	37,610	0	0
PATRICK INDUSTRIES INC	COM	703343103	1,104	18,642	SH	SOLE	1	18,642	0	0
PATTERN ENERGY GROUP INC A	COM	70338P100	1,066	53,665	SH	SOLE	1	53,665	0	0
PATTERSON COS INC	COM	703395103	5,870	240,064	SH	SOLE	1	240,064	0	0
PATTERSON UTI ENERGY INC	COM	703481101	7,652	447,243	SH	SOLE	1	447,243	0	0
PAYCHEX INC	COM	704326107	484,572	6,579,387	SH	SOLE	1	6,579,387	0	0
PAYCOM SOFTWARE INC	COM	70432V102	186	1,200	SH	SOLE	1	1,200	0	0
PAYLOCITY HOLDING	COM	70438V106	1,544	19,227	SH	SOLE	1	19,227	0	0



CORP										
PAYPAL HOLDINGS INC	COM	70450Y103	46,459	528,906	SH	SOLE	1	528,906	0	0
PBF ENERGY INC CLASS A	COM	69318G106	12,157	243,581	SH	SOLE	1	243,581	0	0
PC CONNECTION INC	COM	69318J100	298	7,656	SH	SOLE	1	7,656	0	0
PCSB FINANCIAL CORP	COM	69324R104	224	11,001	SH	SOLE	1	11,001	0	0
PDC ENERGY INC	COM	69327R101	2,547	52,029	SH	SOLE	1	52,029	0	0
PDF SOLUTIONS INC	COM	693282105	196	21,735	SH	SOLE	1	21,735	0	0
PDL BIOPHARMA INC	COM	69329Y104	250	95,106	SH	SOLE	1	95,106	0	0
PDL COMMUNITY BANCORP	COM	69290X101	88	5,830	SH	SOLE	1	5,830	0	0
PDVWIRELESS INC	COM	69290R104	211	6,210	SH	SOLE	1	6,210	0	0
PEABODY ENERGY CORP	COM	704551100	1,853	51,979	SH	SOLE	1	51,979	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	375	12,155	SH	SOLE	1	12,155	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	1,645	45,229	SH	SOLE	1	45,229	0	0
PEGASYSYSTEMS INC	COM	705573103	57	910	SH	SOLE	1	910	0	0
PEMBINA PIPELINE CORP	COM	706327954	360	10,586	SH	SOLE	1	10,586	0	0
PENN NATIONAL GAMING INC	COM	707569109	2,210	67,139	SH	SOLE	1	67,139	0	0
PENN REAL ESTATE INVEST TST	COM	709102107	506	53,465	SH	SOLE	1	53,465	0	0
PENN VIRGINIA CORP	COM	70788V102	795	9,868	SH	SOLE	1	9,868	0	0
PENNS WOODS BANCORP INC	COM	708430103	132	3,035	SH	SOLE	1	3,035	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	1,334	63,843	SH	SOLE	1	63,843	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	955	47,192	SH	SOLE	1	47,192	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	30	643	SH	SOLE	1	643	0	0
PENTAIR PLC	COM	G7S00T104	4,375	100,922	SH	SOLE	1	100,922	0	0
PENUMBRA INC	COM	70975L107	111	741	SH	SOLE	1	741	0	0
PEOPLE S UNITED FINANCIAL	COM	712704105	2,538	148,275	SH	SOLE	1	148,275	0	0
PEOPLE S UTAH BANCORP	COM	712706209	346	10,203	SH	SOLE	1	10,203	0	0
PEOPLES BANCORP INC	COM	709789101	411	11,726	SH	SOLE	1	11,726	0	0
PEOPLES BANCORP OF NC	COM	710577107	89	3,079	SH	SOLE	1	3,079	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	194	4,571	SH	SOLE	1	4,571	0	0
PEPSI COLA MET BOTTLING	COM	713409AC4	821	644,000	SH	SOLE	1	644,000	0	0
PEPSICO INC	COM	713448108	84,970	760,022	SH	SOLE	1	760,022	0	0
PERFICIENT INC	COM	71375U101	717	26,899	SH	SOLE	1	26,899	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	2,251	67,595	SH	SOLE	1	67,595	0	0
PERKINELMER INC	COM	714046109	3,801	39,076	SH	SOLE	1	39,076	0	0
PERRIGO CO PLC	COM	G97822103	3,889	54,935	SH	SOLE	1	54,935	0	0
PERRY ELLIS INTERNATIONAL	COM	288853104	275	10,050	SH	SOLE	1	10,050	0	0
PERSPECTA INC	COM	715347100	9,838	382,489	SH	SOLE	1	382,489	0	0
PETIQ INC	COM	71639T106	291	7,394	SH	SOLE	1	7,394	0	0
PETMED EXPRESS INC	COM	716382106	520	15,763	SH	SOLE	1	15,763	0	0
PFENEX INC	COM	717071104	96	18,882	SH	SOLE	1	18,882	0	0
PFIZER INC	COM	717081103	651,112	14,774,492	SH	SOLE	1	14,774,492	0	0
PFSWEB INC	COM	717098206	75	10,084	SH	SOLE	1	10,084	0	0
PGT INNOVATIONS INC	COM	69336V101	844	39,087	SH	SOLE	1	39,087	0	0

PHH CORP	COM	693320202	237	21,588	SH	SOLE	1	21,588	0	0
PHI INC NON VOTING	COM	69336T205	73	7,776	SH	SOLE	1	7,776	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	673	15,693	SH	SOLE	1	15,693	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	388,175	4,760,552	SH	SOLE	1	4,760,552	0	0
PHILLIPS 66	COM	718546104	16,561	146,922	SH	SOLE	1	146,922	0	0
PHILLIPS 66 PARTNERS LP	COM	718549AB4	2,026	2,101,000	SH	SOLE	1	2,101,000	0	0
PHOTRONICS INC	COM	719405102	526	53,379	SH	SOLE	1	53,379	0	0
PHYSICIANS REALTY TRUST	COM	71943U104	2,044	121,228	SH	SOLE	1	121,228	0	0
PICO HOLDINGS INC	COM	693366205	168	13,399	SH	SOLE	1	13,399	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	1,610	85,042	SH	SOLE	1	85,042	0	0
PIER 1 IMPORTS INC	COM	720279108	81	54,224	SH	SOLE	1	54,224	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	193	34,447	SH	SOLE	1	34,447	0	0
PILGRIM S PRIDE CORP	COM	72147K108	17	959	SH	SOLE	1	959	0	0
PINNACLE ENTERTAINMENT INC	COM	72348Y105	1,184	35,157	SH	SOLE	1	35,157	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	8,965	149,040	SH	SOLE	1	149,040	0	0
PINNACLE FOODS INC	COM	72348P104	139	2,148	SH	SOLE	1	2,148	0	0
PINNACLE WEST CAPITAL	COM	723484101	3,210	40,542	SH	SOLE	1	40,542	0	0
PIONEER ENERGY SERVICES CORP	COM	723664108	177	60,142	SH	SOLE	1	60,142	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	11,586	66,513	SH	SOLE	1	66,513	0	0
PIPER JAFFRAY COS	COM	724078100	885	11,595	SH	SOLE	1	11,595	0	0
PITNEY BOWES INC	COM	724479100	3,924	554,232	SH	SOLE	1	554,232	0	0
PJT PARTNERS INC A	COM	69343T107	693	13,229	SH	SOLE	1	13,229	0	0
PLAINS ALL AMER PIPELINE	COM	72650RAW2	718	700,000	SH	SOLE	1	700,000	0	0
PLAINS GP HLDGS L P	COM	72651A207	22,168	903,730	SH	SOLE	2	903,730	0	0
PLAINS GP HOLDINGS LP CL A	COM	72651A207	94	3,826	SH	SOLE	1	3,826	0	0
PLANET FITNESS INC CL A	COM	72703H101	3,171	58,694	SH	SOLE	1	58,694	0	0
PLANTRONICS INC	COM	727493108	5,332	88,427	SH	SOLE	1	88,427	0	0
PLATFORM SPECIALTY PRODUCTS	COM	72766Q105	59	4,695	SH	SOLE	1	4,695	0	0
PLAYAGS INC	COM	72814N104	429	14,574	SH	SOLE	1	14,574	0	0
PLEXUS CORP	COM	729132100	1,471	25,135	SH	SOLE	1	25,135	0	0
PLUG POWER INC	COM	72919P202	272	141,837	SH	SOLE	1	141,837	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	33,099	243,034	SH	SOLE	1	243,034	0	0
PNM RESOURCES INC	COM	69349H107	8,415	213,302	SH	SOLE	1	213,302	0	0
POLARIS INDUSTRIES INC	COM	731068102	12,045	119,316	SH	SOLE	1	119,316	0	0
POLARITYTE INC	COM	731094108	127	6,631	SH	SOLE	1	6,631	0	0
POLYONE CORPORATION	COM	73179P106	9,358	214,051	SH	SOLE	1	214,051	0	0
POOL CORP	COM	73278L105	13,733	82,293	SH	SOLE	1	82,293	0	0
POPULAR INC	COM	733174700	94	1,827	SH	SOLE	1	1,827	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	2,708	59,367	SH	SOLE	1	59,367	0	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	1,150	43,197	SH	SOLE	1	43,197	0	0
POST HOLDINGS INC	COM	737446104	13,298	135,634	SH	SOLE	1	135,634	0	0

POTBELLY CORP	COM	73754Y100	187	15,190	SH	SOLE	1	15,190	0	0
POTLATCHDELTIC CORP	COM	737630103	6,851	167,297	SH	SOLE	1	167,297	0	0
POWELL INDUSTRIES INC	COM	739128106	251	6,928	SH	SOLE	1	6,928	0	0
POWER INTEGRATIONS INC	COM	739276103	1,428	22,591	SH	SOLE	1	22,591	0	0
PPG INDUSTRIES INC	COM	693506107	8,899	81,543	SH	SOLE	1	81,543	0	0
PPL CORP	COM	69351T106	12,053	411,931	SH	SOLE	1	411,931	0	0
PQ GROUP HOLDINGS INC	COM	73943T103	424	24,280	SH	SOLE	1	24,280	0	0
PRA GROUP INC	COM	69354N106	1,265	35,128	SH	SOLE	1	35,128	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	13,013	118,096	SH	SOLE	1	118,096	0	0
PRAXAIR INC	COM	74005P104	26,955	167,705	SH	SOLE	1	167,705	0	0
PREFERRED APARTMENT COMMUN A	COM	74039L103	466	26,507	SH	SOLE	1	26,507	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	640	10,946	SH	SOLE	1	10,946	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	143	2,032	SH	SOLE	1	2,032	0	0
PREMIER FINANCIAL BANCORP	COM	74050M105	145	7,861	SH	SOLE	1	7,861	0	0
PREMIER INC CLASS A	COM	74051N102	2,331	50,922	SH	SOLE	1	50,922	0	0
PRESIDIO INC	COM	74102M103	321	21,046	SH	SOLE	1	21,046	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	5,257	138,746	SH	SOLE	1	138,746	0	0
PRGX GLOBAL INC	COM	69357C503	121	13,902	SH	SOLE	1	13,902	0	0
PRICESMART INC	COM	741511109	1,188	14,676	SH	SOLE	1	14,676	0	0
PRIMERICA INC	COM	74164M108	13,924	115,505	SH	SOLE	1	115,505	0	0
PRIMO WATER CORP	COM	74165N105	393	21,752	SH	SOLE	1	21,752	0	0
PRIMORIS SERVICES CORP	COM	74164F103	689	27,740	SH	SOLE	1	27,740	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	6,712	114,561	SH	SOLE	1	114,561	0	0
PROASSURANCE CORP	COM	74267C106	1,961	41,762	SH	SOLE	1	41,762	0	0
PROCTER and GAMBLE CO/THE	COM	742718109	513,128	6,165,180	SH	SOLE	1	6,165,180	0	0
PROFIRE ENERGY INC	COM	74316X101	51	15,868	SH	SOLE	1	15,868	0	0
PROGENICS PHARMACEUTICALS	COM	743187106	415	66,184	SH	SOLE	1	66,184	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,254	35,543	SH	SOLE	1	35,543	0	0
PROGRESSIVE CORP	COM	743315103	14,809	208,455	SH	SOLE	1	208,455	0	0
PROLOGIS INC	COM	74340W103	16,689	246,185	SH	SOLE	1	246,185	0	0
PROOFPOINT INC	COM	743424103	129	1,216	SH	SOLE	1	1,216	0	0
PROS HOLDINGS INC	COM	74346Y103	723	20,643	SH	SOLE	1	20,643	0	0
PROSPERITY BANCSHARES INC	COM	743606105	9,353	134,871	SH	SOLE	1	134,871	0	0
PROTECTIVE INSURANCE CORP B	COM	74368L203	146	6,360	SH	SOLE	1	6,360	0	0
PROTEOSTASIS THERAPEUTICS IN	COM	74373B109	41	16,981	SH	SOLE	1	16,981	0	0
PROTHENA CORP PLC	COM	G72800108	349	26,656	SH	SOLE	1	26,656	0	0
PROTO LABS INC	COM	743713109	3,442	21,277	SH	SOLE	1	21,277	0	0
PROVIDENCE SERVICE CORP	COM	743815102	588	8,739	SH	SOLE	1	8,739	0	0
PROVIDENT BANCORP INC	COM	74383X109	83	2,862	SH	SOLE	1	2,862	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	1,194	48,650	SH	SOLE	1	48,650	0	0
PRUDENTIAL BANCORP INC	COM	74431A101	102	5,891	SH	SOLE	1	5,891	0	0

PRUDENTIAL FINANCIAL INC	COM	744320102	19,515	192,611	SH	SOLE	1	192,611	0	0
PS BUSINESS PARKS INC/CA	COM	69360J107	1,988	15,644	SH	SOLE	1	15,644	0	0
PTC INC	COM	69370C100	22,981	216,415	SH	SOLE	1	216,415	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,412	30,037	SH	SOLE	1	30,037	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	9,659	182,976	SH	SOLE	1	182,976	0	0
PUBLIC STORAGE	COM	74460D109	12,682	62,895	SH	SOLE	1	62,895	0	0
PULSE BIOSCIENCES INC	COM	74587B101	100	7,049	SH	SOLE	1	7,049	0	0
PULTEGROUP INC	COM	745867101	2,260	91,245	SH	SOLE	1	91,245	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	886	19,319	SH	SOLE	1	19,319	0	0
PURE CYCLE CORP	COM	746228303	131	11,344	SH	SOLE	1	11,344	0	0
PURE STORAGE INC CLASS A	COM	74624M102	103	3,976	SH	SOLE	1	3,976	0	0
PURPLE INNOVATION INC	COM	74640Y106	17	2,893	SH	SOLE	1	2,893	0	0
PVH CORP	COM	693656100	4,882	33,810	SH	SOLE	1	33,810	0	0
PYXUS INTERNATIONAL INC	COM	74737V106	128	5,567	SH	SOLE	1	5,567	0	0
PZENA INVESTMENT MANAGM CL A	COM	74731Q103	111	11,600	SH	SOLE	1	11,600	0	0
Q2 HOLDINGS INC	COM	74736L109	1,471	24,297	SH	SOLE	1	24,297	0	0
QAD INC A	COM	74727D306	386	6,813	SH	SOLE	1	6,813	0	0
QCR HOLDINGS INC	COM	74727A104	354	8,673	SH	SOLE	1	8,673	0	0
QEP RESOURCES INC	COM	74733V100	5,453	481,711	SH	SOLE	1	481,711	0	0
QIAGEN N.V.	COM	N72482123	152	4,019	SH	SOLE	1	4,019	0	0
QORVO INC	COM	74736K101	3,793	49,329	SH	SOLE	1	49,329	0	0
QTS REALTY TRUST INC CL A	COM	74736A103	1,443	33,809	SH	SOLE	1	33,809	0	0
QUAD GRAPHICS INC	COM	747301109	432	20,733	SH	SOLE	1	20,733	0	0
QUAKER CHEMICAL CORP	COM	747316107	2,081	10,292	SH	SOLE	1	10,292	0	0
QUALCOMM INC	COM	747525103	51,129	709,827	SH	SOLE	1	709,827	0	0
QUALYS INC	COM	74758T303	2,358	26,461	SH	SOLE	1	26,461	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	500	27,446	SH	SOLE	1	27,446	0	0
QUANTA SERVICES INC	COM	74762E102	1,808	54,159	SH	SOLE	1	54,159	0	0
QUANTENNA COMMUNICATIONS INC	COM	74766D100	414	22,412	SH	SOLE	1	22,412	0	0
QUANTERIX CORP	COM	74766Q101	120	5,601	SH	SOLE	1	5,601	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	8,684	80,475	SH	SOLE	1	80,475	0	0
QUIDEL CORP	COM	74838J101	1,478	22,681	SH	SOLE	1	22,681	0	0
QUINSTREET INC	COM	74874Q100	397	29,280	SH	SOLE	1	29,280	0	0
QUINTANA ENERGY SERVICES INC	COM	74875T103	30	4,130	SH	SOLE	1	4,130	0	0
QUORUM HEALTH CORP	COM	74909E106	132	22,481	SH	SOLE	1	22,481	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	820	52,914	SH	SOLE	1	52,914	0	0
QURATE RETAIL INC	COM	74915M100	2,023	91,084	SH	SOLE	1	91,084	0	0
R1 RCM INC	COM	749397105	694	68,292	SH	SOLE	1	68,292	0	0
RA PHARMACEUTICALS INC	COM	74933V108	173	9,584	SH	SOLE	1	9,584	0	0
RADIAN GROUP INC	COM	750236101	2,964	143,387	SH	SOLE	1	143,387	0	0
RADIANT LOGISTICS INC	COM	75025X100	153	25,820	SH	SOLE	1	25,820	0	0
RADIUS HEALTH INC	COM	750469207	478	26,847	SH	SOLE	1	26,847	0	0
RADNET INC	COM	750491102	396	26,298	SH	SOLE	1	26,298	0	0
RALPH LAUREN CORP	COM	751212101	3,427	24,915	SH	SOLE	1	24,915	0	0

RAMACO RESOURCES INC	COM	75134P303	30	3,967	SH	SOLE	1	3,967	0	0
RAMBUS INC	COM	750917106	914	83,802	SH	SOLE	1	83,802	0	0
RAMCO GERSHENSON PROPERTIES	COM	751452202	849	62,412	SH	SOLE	1	62,412	0	0
RANGE RESOURCES CORP	COM	75281A109	9,119	536,729	SH	SOLE	1	536,729	0	0
RAPID7 INC	COM	753422104	895	24,232	SH	SOLE	1	24,232	0	0
RAVEN INDUSTRIES INC	COM	754212108	1,288	28,163	SH	SOLE	1	28,163	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	4,801	52,157	SH	SOLE	1	52,157	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	735	39,857	SH	SOLE	1	39,857	0	0
RAYONIER INC	COM	754907103	8,897	263,156	SH	SOLE	1	263,156	0	0
RAYTHEON COMPANY	COM	755111507	19,750	95,568	SH	SOLE	1	95,568	0	0
RBB BANCORP	COM	74930B105	226	9,211	SH	SOLE	1	9,211	0	0
RBC BEARINGS INC	COM	75524B104	2,384	15,855	SH	SOLE	1	15,855	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	178	6,014	SH	SOLE	1	6,014	0	0
RE/MAX HOLDINGS INC CL A	COM	75524W108	1,620	36,535	SH	SOLE	1	36,535	0	0
READING INTERNATIONAL INC A	COM	755408101	176	11,141	SH	SOLE	1	11,141	0	0
REALOGY HOLDINGS CORP	COM	75605Y106	5,205	252,164	SH	SOLE	1	252,164	0	0
REALPAGE INC	COM	75606N109	112	1,697	SH	SOLE	1	1,697	0	0
REALTY INCOME CORP	COM	756109104	6,557	115,254	SH	SOLE	1	115,254	0	0
REATA PHARMACEUTICALS INC A	COM	75615P103	1,014	12,404	SH	SOLE	1	12,404	0	0
RECRO PHARMA INC	COM	75629F109	83	11,694	SH	SOLE	1	11,694	0	0
RED HAT INC	COM	756577102	9,069	66,550	SH	SOLE	1	66,550	0	0
RED LION HOTELS CORP	COM	756764106	132	10,550	SH	SOLE	1	10,550	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	410	10,200	SH	SOLE	1	10,200	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,229	46,130	SH	SOLE	1	46,130	0	0
REDFIN CORP	COM	75737F108	982	52,538	SH	SOLE	1	52,538	0	0
REDWOOD TRUST INC	COM	758075402	1,050	64,639	SH	SOLE	1	64,639	0	0
REGAL БЕЛОIT CORP	COM	758750103	7,283	88,338	SH	SOLE	1	88,338	0	0
REGENCY CENTERS CORP	COM	758849103	3,947	61,037	SH	SOLE	1	61,037	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	14,743	36,489	SH	SOLE	1	36,489	0	0
REGENXBIO INC	COM	75901B107	1,856	24,589	SH	SOLE	1	24,589	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	178	6,181	SH	SOLE	1	6,181	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	8,986	489,717	SH	SOLE	1	489,717	0	0
REGIS CORP	COM	758932107	562	27,527	SH	SOLE	1	27,527	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	18,708	129,415	SH	SOLE	1	129,415	0	0
REIS INC	COM	75936P105	139	6,029	SH	SOLE	1	6,029	0	0
RELIANCE STEEL and ALUMINUM	COM	759509102	13,568	159,081	SH	SOLE	1	159,081	0	0
RELIANT BANCORP INC	COM	75956B101	171	6,702	SH	SOLE	1	6,702	0	0
REMARK HOLDINGS INC	COM	75955K102	54	17,077	SH	SOLE	1	17,077	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	11,609	86,903	SH	SOLE	1	86,903	0	0
RENASANT CORP	COM	75970E107	1,318	31,984	SH	SOLE	1	31,984	0	0
RENEWABLE ENERGY GROUP INC	COM	75972A301	836	29,033	SH	SOLE	1	29,033	0	0

RENT A CENTER INC	COM	76009N100	501	34,850	SH	SOLE	1	34,850	0	0
REPLIGEN CORP	COM	759916109	1,702	30,684	SH	SOLE	1	30,684	0	0
REPLIMUNE GROUP INC	COM	76029N106	80	4,961	SH	SOLE	1	4,961	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	294	6,372	SH	SOLE	1	6,372	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	209	29,186	SH	SOLE	1	29,186	0	0
REPUBLIC SERVICES INC	COM	760759100	9,012	124,029	SH	SOLE	1	124,029	0	0
RESMED INC	COM	761152107	6,145	53,274	SH	SOLE	1	53,274	0	0
RESOLUTE ENERGY CORP	COM	76116A306	548	14,490	SH	SOLE	1	14,490	0	0
RESOURCES CONNECTION INC	COM	76122Q105	389	23,431	SH	SOLE	1	23,431	0	0
RESTORBIO INC	COM	76133L103	77	5,104	SH	SOLE	1	5,104	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	1,633	87,467	SH	SOLE	1	87,467	0	0
RETAIL PROPERTIES OF AME A	COM	76131V202	48	3,972	SH	SOLE	1	3,972	0	0
RETAIL VALUE INC	COM	76133Q102	9	277	SH	SOLE	1	277	0	0
RETROPHIN INC	COM	761299106	771	26,840	SH	SOLE	1	26,840	0	0
REV GROUP INC	COM	749527107	312	19,880	SH	SOLE	1	19,880	0	0
REVANCE THERAPEUTICS INC	COM	761330109	541	21,771	SH	SOLE	1	21,771	0	0
REVLON INC CLASS A	COM	761525609	120	5,400	SH	SOLE	1	5,400	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	338	4,474	SH	SOLE	1	4,474	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	1,926	60,248	SH	SOLE	1	60,248	0	0
REXNORD CORP	COM	76169B102	2,137	69,372	SH	SOLE	1	69,372	0	0
RGC RESOURCES INC	COM	74955L103	131	4,905	SH	SOLE	1	4,905	0	0
RH	COM	74967X103	1,988	15,177	SH	SOLE	1	15,177	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	295	10,098	SH	SOLE	1	10,098	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	239	34,969	SH	SOLE	1	34,969	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	358	111,383	SH	SOLE	1	111,383	0	0
RIGNET INC	COM	766582100	190	9,321	SH	SOLE	1	9,321	0	0
RIMINI STREET INC	COM	76674Q107	41	6,487	SH	SOLE	1	6,487	0	0
RING ENERGY INC	COM	76680V108	445	44,899	SH	SOLE	1	44,899	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	150	1,607	SH	SOLE	1	1,607	0	0
RITE AID CORP	COM	767754104	894	698,384	SH	SOLE	1	698,384	0	0
RIVERVIEW BANCORP INC	COM	769397100	124	14,073	SH	SOLE	1	14,073	0	0
RLI CORP	COM	749607107	2,419	30,781	SH	SOLE	1	30,781	0	0
RLJ LODGING TRUST	COM	74965L101	2,542	115,400	SH	SOLE	1	115,400	0	0
RMR GROUP INC/THE A	COM	74967R106	434	4,673	SH	SOLE	1	4,673	0	0
ROBERT HALF INTL INC	COM	770323103	3,437	48,838	SH	SOLE	1	48,838	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	341	13,847	SH	SOLE	1	13,847	0	0
ROCKWELL AUTOMATION INC	COM	773903109	11,017	58,750	SH	SOLE	1	58,750	0	0
ROCKWELL COLLINS INC	COM	774341101	8,039	57,231	SH	SOLE	1	57,231	0	0
ROCKWELL MEDICAL INC	COM	774374102	133	31,520	SH	SOLE	1	31,520	0	0
ROCKY BRANDS INC	COM	774515100	128	4,532	SH	SOLE	1	4,532	0	0
ROGERS	COM	775109960	293	5,695	SH	SOLE	1	5,695	0	0

COMMUNICATIONS INC B											
ROGERS CORP	COM	775133101	2,124	14,420	SH	SOLE	1	14,420	0	0	
ROKU INC	COM	77543R102	2,100	28,755	SH	SOLE	1	28,755	0	0	
ROLLINS INC	COM	775711104	12,146	200,134	SH	SOLE	1	200,134	0	0	
ROPER TECHNOLOGIES INC	COM	776696106	12,410	41,895	SH	SOLE	1	41,895	0	0	
ROSEHILL RESOURCES INC	COM	777385105	5	772	SH	SOLE	1	772	0	0	
ROSETTA STONE INC	COM	777780107	260	13,083	SH	SOLE	1	13,083	0	0	
ROSS STORES INC	COM	778296103	19,466	196,432	SH	SOLE	1	196,432	0	0	
ROWAN COMPANIES PLC A	COM	G7665A101	6,413	340,555	SH	SOLE	1	340,555	0	0	
ROYAL BANK OF CANADA	COM	78013GKN4	1,960	2,000,000	SH	SOLE	1	2,000,000	0	0	
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	7,841	60,342	SH	SOLE	1	60,342	0	0	
ROYAL GOLD INC	COM	780287108	10,273	133,314	SH	SOLE	1	133,314	0	0	
RPC INC	COM	749660106	18	1,158	SH	SOLE	1	1,158	0	0	
RPM INTERNATIONAL INC	COM	749685103	17,624	271,384	SH	SOLE	1	271,384	0	0	
RR DONNELLEY and SONS CO	COM	257867200	299	55,443	SH	SOLE	1	55,443	0	0	
RTI SURGICAL INC	COM	74975N105	170	37,727	SH	SOLE	1	37,727	0	0	
RUBIUS THERAPEUTICS INC	COM	78116T103	194	8,072	SH	SOLE	1	8,072	0	0	
RUDOLPH TECHNOLOGIES INC	COM	781270103	606	24,791	SH	SOLE	1	24,791	0	0	
RUSH ENTERPRISES INC CL B	COM	781846308	118	2,947	SH	SOLE	1	2,947	0	0	
RUSH ENTERPRISES INC CL A	COM	781846209	784	19,945	SH	SOLE	1	19,945	0	0	
RUTH S HOSPITALITY GROUP INC	COM	783332109	714	22,641	SH	SOLE	1	22,641	0	0	
RYDER SYSTEM INC	COM	783549108	7,885	107,912	SH	SOLE	1	107,912	0	0	
RYERSON HOLDING CORP	COM	783754104	119	10,564	SH	SOLE	1	10,564	0	0	
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	2,558	29,684	SH	SOLE	1	29,684	0	0	
RYOHIN KEIKAKU CO LTD	COM	675845903	992	3,334	SH	SOLE	1	3,334	0	0	
S and T BANCORP INC	COM	783859101	1,175	27,109	SH	SOLE	1	27,109	0	0	
S and P GLOBAL INC	COM	78409V104	20,151	103,133	SH	SOLE	1	103,133	0	0	
SABINE PASS LIQUEFACTION	COM	785592AM8	533	500,000	SH	SOLE	1	500,000	0	0	
SABRA HEALTH CARE REIT INC	COM	78573L106	11,034	477,252	SH	SOLE	1	477,252	0	0	
SABRE CORP	COM	78573M104	13,307	510,245	SH	SOLE	1	510,245	0	0	
SAFE BULKERS INC	COM	Y7388L103	97	33,742	SH	SOLE	1	33,742	0	0	
SAFEGUARD SCIENTIFICS INC	COM	786449207	120	12,795	SH	SOLE	1	12,795	0	0	
SAFETY INCOME and GROWTH INC	COM	78649D104	98	5,249	SH	SOLE	1	5,249	0	0	
SAFETY INSURANCE GROUP INC	COM	78648T100	1,031	11,502	SH	SOLE	1	11,502	0	0	
SAGA COMMUNICATIONS INC CL A	COM	786598300	92	2,533	SH	SOLE	1	2,533	0	0	
SAGE THERAPEUTICS INC	COM	78667J108	155	1,098	SH	SOLE	1	1,098	0	0	
SAIA INC	COM	78709Y105	1,540	20,139	SH	SOLE	1	20,139	0	0	
SAILPOINT TECHNOLOGIES HOLDI	COM	78781P105	1,183	34,786	SH	SOLE	1	34,786	0	0	
SALESFORCE.COM INC	COM	79466L302	45,508	286,162	SH	SOLE	1	286,162	0	0	

SALLY BEAUTY HOLDINGS INC	COM	79546E104	5,922	322,031	SH	SOLE	1	322,031	0	0
SANCHEZ ENERGY CORP	COM	79970Y105	120	52,256	SH	SOLE	1	52,256	0	0
SANDERSON FARMS INC	COM	800013104	5,586	54,039	SH	SOLE	1	54,039	0	0
SANDRIDGE ENERGY INC	COM	80007P869	221	20,338	SH	SOLE	1	20,338	0	0
SANDY SPRING BANCORP INC	COM	800363103	904	22,990	SH	SOLE	1	22,990	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	1,140	67,282	SH	SOLE	1	67,282	0	0
SANMINA CORP	COM	801056102	1,470	53,264	SH	SOLE	1	53,264	0	0
SANTANDER CONSUMER USA HOLDI	COM	80283M101	44	2,185	SH	SOLE	1	2,185	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	242	1,496	SH	SOLE	1	1,496	0	0
SAUL CENTERS INC	COM	804395101	517	9,228	SH	SOLE	1	9,228	0	0
SAVARA INC	COM	805111101	212	19,011	SH	SOLE	1	19,011	0	0
SB ONE BANCORP	COM	78413T103	120	4,743	SH	SOLE	1	4,743	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	7,428	46,245	SH	SOLE	1	46,245	0	0
SCANA CORP	COM	80589M102	2,008	51,645	SH	SOLE	1	51,645	0	0
SCANSOURCE INC	COM	806037107	791	19,832	SH	SOLE	1	19,832	0	0
SCHLUMBERGER LTD	COM	806857108	35,490	582,566	SH	SOLE	1	582,566	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	23	908	SH	SOLE	1	908	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	470	17,382	SH	SOLE	1	17,382	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	106	4,128	SH	SOLE	1	4,128	0	0
SCHOLASTIC CORP	COM	807066105	1,030	22,061	SH	SOLE	1	22,061	0	0
SCHWAB (CHARLES) CORP	COM	808513105	23,147	470,952	SH	SOLE	1	470,952	0	0
SCHWEITZER MAUDUIT INTL INC	COM	808541106	925	24,135	SH	SOLE	1	24,135	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	9,159	113,631	SH	SOLE	1	113,631	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	3,733	146,985	SH	SOLE	1	146,985	0	0
SCORPIO BULKERS INC	COM	Y7546A122	280	38,610	SH	SOLE	1	38,610	0	0
SCORPIO TANKERS INC	COM	Y7542C106	392	194,833	SH	SOLE	1	194,833	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	6,310	80,141	SH	SOLE	1	80,141	0	0
SCPHARMACEUTICALS INC	COM	810648105	26	4,513	SH	SOLE	1	4,513	0	0
SEABOARD CORP	COM	811543107	19	5	SH	SOLE	1	5	0	0
SEACOAST BANKING CORP/FL	COM	811707801	1,059	36,253	SH	SOLE	1	36,253	0	0
SEACOR HOLDINGS INC	COM	811904101	664	13,445	SH	SOLE	1	13,445	0	0
SEACOR MARINE HOLDINGS INC	COM	78413P101	248	10,955	SH	SOLE	1	10,955	0	0
SEAGATE TECHNOLOGY	COM	G7945M107	5,793	122,352	SH	SOLE	1	122,352	0	0
SEALED AIR CORP	COM	81211K100	2,455	61,142	SH	SOLE	1	61,142	0	0
SEARS HOLDINGS CORP	COM	812350106	26	26,959	SH	SOLE	1	26,959	0	0
SEASONS SER TR	COM	812546604	333,984	11,022,578	SH	SOLE	1	11,022,578	0	0
SEASPINE HOLDINGS CORP	COM	81255T108	122	7,816	SH	SOLE	1	7,816	0	0
SEATTLE GENETICS INC	COM	812578102	327	4,234	SH	SOLE	1	4,234	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	1,145	36,437	SH	SOLE	1	36,437	0	0
SECUREWORKS CORP A	COM	81374A105	83	5,696	SH	SOLE	1	5,696	0	0
SEI INVESTMENTS COMPANY	COM	784117103	16,675	272,920	SH	SOLE	1	272,920	0	0



SELECT BANCORP INC	COM	81617L108	93	7,462	SH	SOLE	1	7,462	0	0
SELECT ENERGY SERVICES INC A	COM	81617J301	355	29,959	SH	SOLE	1	29,959	0	0
SELECT INCOME REIT	COM	81618T100	922	42,004	SH	SOLE	1	42,004	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,567	85,137	SH	SOLE	1	85,137	0	0
SELECTA BIOSCIENCES INC	COM	816212104	186	11,943	SH	SOLE	1	11,943	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	2,901	45,683	SH	SOLE	1	45,683	0	0
SEMGROUP CORP CLASS A	COM	81663A105	1,158	52,501	SH	SOLE	1	52,501	0	0
SEMPRA ENERGY	COM	816851109	11,246	98,862	SH	SOLE	1	98,862	0	0
SEMTECH CORP	COM	816850101	2,850	51,256	SH	SOLE	1	51,256	0	0
SENDGRID INC	COM	816883102	706	19,181	SH	SOLE	1	19,181	0	0
SENECA FOODS CORP CL A	COM	817070501	190	5,635	SH	SOLE	1	5,635	0	0
SENIOR HOUSING PROP TRUST	COM	81721M109	8,482	483,037	SH	SOLE	1	483,037	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	180	3,627	SH	SOLE	1	3,627	0	0
SENSEONICS HOLDINGS INC	COM	81727U105	270	56,534	SH	SOLE	1	56,534	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	8,677	113,406	SH	SOLE	1	113,406	0	0
SERES THERAPEUTICS INC	COM	81750R102	104	13,660	SH	SOLE	1	13,660	0	0
SERITAGE GROWTH PROP A REIT	COM	81752R100	1,029	21,678	SH	SOLE	1	21,678	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	16,225	367,071	SH	SOLE	1	367,071	0	0
SERVICEMASTER GLOBAL HOLDING	COM	81761R109	204	3,282	SH	SOLE	1	3,282	0	0
SERVICENOW INC	COM	81762P102	1,355	6,924	SH	SOLE	1	6,924	0	0
SERVICESOURCE INTERNATIONAL	COM	81763U100	146	51,327	SH	SOLE	1	51,327	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,427	36,441	SH	SOLE	1	36,441	0	0
SEVEN GENERATIONS ENERGY A	COM	81783Q956	42	3,485	SH	SOLE	1	3,485	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,228	19,493	SH	SOLE	1	19,493	0	0
SHAW COMMUNICATIONS INC B	COM	82028K952	573	29,396	SH	SOLE	1	29,396	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	1,200	30,979	SH	SOLE	1	30,979	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	12,318	27,060	SH	SOLE	1	27,060	0	0
SHILOH INDUSTRIES INC	COM	824543102	108	9,784	SH	SOLE	1	9,784	0	0
SHIP FINANCE INTL LTD	COM	G81075106	769	55,307	SH	SOLE	1	55,307	0	0
SHIRE PLC ADR	ADR	82481R106	704	3,886	SH	SOLE	1	3,886	0	0
SHOE CARNIVAL INC	COM	824889109	320	8,316	SH	SOLE	1	8,316	0	0
SHOPIFY INC CLASS A	COM	82509L958	79	480	SH	SOLE	1	480	0	0
SHORE BANCSHARES INC	COM	825107105	149	8,358	SH	SOLE	1	8,358	0	0
SHOTSPOTTER INC	COM	82536T107	298	4,866	SH	SOLE	1	4,866	0	0
SHUTTERFLY INC	COM	82568P304	1,712	25,990	SH	SOLE	1	25,990	0	0
SHUTTERSTOCK INC	COM	825690100	804	14,739	SH	SOLE	1	14,739	0	0
SI FINANCIAL GROUP INC	COM	78425V104	103	7,360	SH	SOLE	1	7,360	0	0
SIEBERT FINANCIAL	COM	826176109	72	4,919	SH	SOLE	1	4,919	0	0

CORP											
SIENNA BIOPHARMACEUTICALS IN	COM	82622H108	152	10,229	SH	SOLE	1	10,229	0	0	
SIENTRA INC	COM	82621J105	368	15,397	SH	SOLE	1	15,397	0	0	
SIERRA BANCORP	COM	82620P102	270	9,357	SH	SOLE	1	9,357	0	0	
SIGA TECHNOLOGIES INC	COM	826917106	237	34,439	SH	SOLE	1	34,439	0	0	
SIGNATURE BANK	COM	82669G104	12,943	112,706	SH	SOLE	1	112,706	0	0	
SIGNET JEWELERS LTD	COM	G81276100	10,344	156,894	SH	SOLE	1	156,894	0	0	
SILGAN HOLDINGS INC	COM	827048109	4,380	157,561	SH	SOLE	1	157,561	0	0	
SILICON LABORATORIES INC	COM	826919102	10,633	115,831	SH	SOLE	1	115,831	0	0	
SILVERBOW RESOURCES INC	COM	82836G102	125	4,702	SH	SOLE	1	4,702	0	0	
SILVERCREST ASSET MANAGEME A	COM	828359109	76	5,520	SH	SOLE	1	5,520	0	0	
SIMMONS FIRST NATL CORP CL A	COM	828730200	2,100	71,308	SH	SOLE	1	71,308	0	0	
SIMON PROPERTY GROUP INC	COM	828806109	24,743	139,991	SH	SOLE	1	139,991	0	0	
SIMPLY GOOD FOODS CO/THE	COM	82900L102	778	40,012	SH	SOLE	1	40,012	0	0	
SIMPSON MANUFACTURING CO INC	COM	829073105	2,361	32,580	SH	SOLE	1	32,580	0	0	
SIMULATIONS PLUS INC	COM	829214105	154	7,633	SH	SOLE	1	7,633	0	0	
SINA CORP	COM	G81477104	67	965	SH	SOLE	1	965	0	0	
SINCLAIR BROADCAST GROUP A	COM	829226109	1,356	47,837	SH	SOLE	1	47,837	0	0	
SIRIUS XM HOLDINGS INC	COM	82968B103	1,823	288,444	SH	SOLE	1	288,444	0	0	
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	1,997	26,503	SH	SOLE	1	26,503	0	0	
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	10,170	145,664	SH	SOLE	1	145,664	0	0	
SJW GROUP	COM	784305104	699	11,433	SH	SOLE	1	11,433	0	0	
SKECHERS USA INC CL A	COM	830566105	7,680	274,965	SH	SOLE	1	274,965	0	0	
SKYLINE CHAMPION CORP	COM	830830105	356	12,450	SH	SOLE	1	12,450	0	0	
SKYWEST INC	COM	830879102	2,365	40,152	SH	SOLE	1	40,152	0	0	
SKYWORKS SOLUTIONS INC	COM	83088M102	7,241	79,821	SH	SOLE	1	79,821	0	0	
SL GREEN REALTY CORP	COM	78440X101	3,055	31,327	SH	SOLE	1	31,327	0	0	
SLEEP NUMBER CORP	COM	83125X103	996	27,067	SH	SOLE	1	27,067	0	0	
SLM CORP	COM	78442P106	9,868	885,035	SH	SOLE	1	885,035	0	0	
SM ENERGY CO	COM	78454L100	6,617	209,860	SH	SOLE	1	209,860	0	0	
SMART and FINAL STORES INC	COM	83190B101	87	15,294	SH	SOLE	1	15,294	0	0	
SMART GLOBAL HOLDINGS INC	COM	G8232Y101	190	6,605	SH	SOLE	1	6,605	0	0	
SMART SAND INC	COM	83191H107	61	14,762	SH	SOLE	1	14,762	0	0	
SMARTFINANCIAL INC	COM	83190L208	178	7,541	SH	SOLE	1	7,541	0	0	
SMITH (A.O.) CORP	COM	831865209	2,946	55,204	SH	SOLE	1	55,204	0	0	
SMITH and NEPHEW PLC	COM	092232909	2,327	127,577	SH	SOLE	1	127,577	0	0	
SNAP ON INC	COM	833034101	4,138	22,539	SH	SOLE	1	22,539	0	0	
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	196	5,211	SH	SOLE	1	5,211	0	0	
SOLARIS OILFIELD INFRAST A	COM	83418M103	326	17,275	SH	SOLE	1	17,275	0	0	
SOLID BIOSCIENCES INC	COM	83422E105	381	8,085	SH	SOLE	1	8,085	0	0	

SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	363	18,785	SH	SOLE	1	18,785	0	0
SONIC CORP	COM	835451105	1,176	27,126	SH	SOLE	1	27,126	0	0
SONOCO PRODUCTS CO	COM	835495102	11,236	202,447	SH	SOLE	1	202,447	0	0
SONOS INC	COM	83570H108	171	10,640	SH	SOLE	1	10,640	0	0
SORRENTO THERAPEUTICS INC	COM	83587F202	319	72,530	SH	SOLE	1	72,530	0	0
SOTHEBY S	COM	835898107	4,848	98,565	SH	SOLE	1	98,565	0	0
SOUTH JERSEY INDUSTRIES	COM	838518108	2,376	67,357	SH	SOLE	1	67,357	0	0
SOUTH STATE CORP	COM	840441109	1,989	24,251	SH	SOLE	1	24,251	0	0
SOUTHERN CO/THE	COM	842587107	15,210	348,845	SH	SOLE	1	348,845	0	0
SOUTHERN COPPER CORP	COM	84265V105	64	1,474	SH	SOLE	1	1,474	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	179	4,554	SH	SOLE	1	4,554	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	175	4,708	SH	SOLE	1	4,708	0	0
SOUTHERN NATL BANCORP OF VA	COM	843395104	210	12,966	SH	SOLE	1	12,966	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	907	26,063	SH	SOLE	1	26,063	0	0
SOUTHWEST AIRLINES CO	COM	844741108	12,823	205,336	SH	SOLE	1	205,336	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	10,396	131,543	SH	SOLE	1	131,543	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	8,035	1,572,491	SH	SOLE	1	1,572,491	0	0
SP PLUS CORP	COM	78469C103	548	15,018	SH	SOLE	1	15,018	0	0
SPARK ENERGY INC CLASS A	COM	846511103	63	7,651	SH	SOLE	1	7,651	0	0
SPARK THERAPEUTICS INC	COM	84652J103	1,138	20,866	SH	SOLE	1	20,866	0	0
SPARTAN MOTORS INC	COM	846819100	334	22,637	SH	SOLE	1	22,637	0	0
SPARTANNASH CO	COM	847215100	562	28,009	SH	SOLE	1	28,009	0	0
SPARTON CORP	COM	847235108	92	6,370	SH	SOLE	1	6,370	0	0
SPDR PORTFOLIO S and P 500 GROWTH	SP 500	78464A409	14,646	383,000	SH	SOLE	1	383,000	0	0
SPDR S and P 500 ETF TRUST	SP 500 ETF	78462F103	32,997	113,500	SH	SOLE	1	113,500	0	0
SPDR S and P MIDCAP 400 ETF TRUST	SP 400 ETF	78467Y107	6,173	16,800	SH	SOLE	1	16,800	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	64	855	SH	SOLE	1	855	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	1,326	78,939	SH	SOLE	1	78,939	0	0
SPEEDWAY MOTORSPORTS INC	COM	847788106	136	7,599	SH	SOLE	1	7,599	0	0
SPERO THERAPEUTICS INC	COM	84833T103	59	5,591	SH	SOLE	1	5,591	0	0
SPIRE INC	COM	84857L101	2,859	38,876	SH	SOLE	1	38,876	0	0
SPIRIT AEROSYSTEMS HOLD CL A	COM	848574109	251	2,737	SH	SOLE	1	2,737	0	0
SPIRIT AIRLINES INC	COM	848577102	2,139	45,539	SH	SOLE	1	45,539	0	0
SPIRIT MTA REIT	COM	84861U105	329	28,560	SH	SOLE	1	28,560	0	0
SPIRIT OF TEXAS BANCSHARES I	COM	84861D103	30	1,382	SH	SOLE	1	1,382	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W102	63	7,756	SH	SOLE	1	7,756	0	0
SPLUNK INC	COM	848637104	753	6,225	SH	SOLE	1	6,225	0	0
SPOK HOLDINGS INC	COM	84863T106	221	14,349	SH	SOLE	1	14,349	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	144	24,642	SH	SOLE	1	24,642	0	0

SPRING BANK PHARMACEUTICALS	COM	849431101	112	9,302	SH	SOLE	1	9,302	0	0
SPRINT CORP	COM	85207U105	76	11,681	SH	SOLE	1	11,681	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	7,104	259,178	SH	SOLE	1	259,178	0	0
SPS COMMERCE INC	COM	78463M107	1,323	13,329	SH	SOLE	1	13,329	0	0
SPX CORP	COM	784635104	1,126	33,815	SH	SOLE	1	33,815	0	0
SPX FLOW INC	COM	78469X107	1,724	33,154	SH	SOLE	1	33,154	0	0
SQUARE INC A	COM	852234103	934	9,430	SH	SOLE	1	9,430	0	0
SRC ENERGY INC	COM	78470V108	1,690	190,083	SH	SOLE	1	190,083	0	0
SS and C TECHNOLOGIES HOLDINGS	COM	78467J100	279	4,901	SH	SOLE	1	4,901	0	0
ST JOE CO/THE	COM	790148100	393	23,377	SH	SOLE	1	23,377	0	0
STAAR SURGICAL CO	COM	852312305	1,400	29,165	SH	SOLE	1	29,165	0	0
STAG INDUSTRIAL INC	COM	85254J102	1,918	69,763	SH	SOLE	1	69,763	0	0
STAMPS.COM INC	COM	852857200	3,109	13,746	SH	SOLE	1	13,746	0	0
STANDARD MOTOR PRODS	COM	853666105	815	16,550	SH	SOLE	1	16,550	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	1,043	10,009	SH	SOLE	1	10,009	0	0
STANLEY BLACK and DECKER INC	COM	854502101	11,305	77,197	SH	SOLE	1	77,197	0	0
STARBUCKS CORP	COM	855244109	37,297	656,167	SH	SOLE	1	656,167	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	100	4,629	SH	SOLE	1	4,629	0	0
STATE AUTO FINANCIAL CORP	COM	855707105	338	11,082	SH	SOLE	1	11,082	0	0
STATE BANK FINANCIAL CORP	COM	856190103	755	25,031	SH	SOLE	1	25,031	0	0
STATE STREET CORP	COM	857477103	10,934	130,512	SH	SOLE	1	130,512	0	0
STEEL DYNAMICS INC	COM	858119100	21,570	477,328	SH	SOLE	1	477,328	0	0
STEEL PARTNERS HLDGS	COM	85814R107	11,645	697,311	SH	SOLE	2	697,311	0	0
STEELCASE INC CL A	COM	858155203	1,042	56,300	SH	SOLE	1	56,300	0	0
STEMLINE THERAPEUTICS INC	COM	85858C107	311	18,757	SH	SOLE	1	18,757	0	0
STEPAN CO	COM	858586100	1,385	15,920	SH	SOLE	1	15,920	0	0
STERICYCLE INC	COM	858912108	1,822	31,047	SH	SOLE	1	31,047	0	0
STERIS PLC	COM	G84720104	19,661	171,862	SH	SOLE	1	171,862	0	0
STERLING BANCORP INC/MI	COM	85917W102	164	14,519	SH	SOLE	1	14,519	0	0
STERLING BANCORP/DE	COM	85917A100	10,083	458,302	SH	SOLE	1	458,302	0	0
STERLING CONSTRUCTION CO	COM	859241101	253	17,693	SH	SOLE	1	17,693	0	0
STEVEN MADDEN LTD	COM	556269108	2,382	45,024	SH	SOLE	1	45,024	0	0
STEWART INFORMATION SERVICES	COM	860372101	829	18,420	SH	SOLE	1	18,420	0	0
STIFEL FINANCIAL CORP	COM	860630102	9,714	189,500	SH	SOLE	1	189,500	0	0
STOCK YARDS BANCORP INC	COM	861025104	519	14,294	SH	SOLE	1	14,294	0	0
STONERIDGE INC	COM	86183P102	542	18,228	SH	SOLE	1	18,228	0	0
STORE CAPITAL CORP	COM	862121100	90	3,232	SH	SOLE	1	3,232	0	0
STRATASYS LTD	COM	M85548101	777	33,617	SH	SOLE	1	33,617	0	0
STRATEGIC EDUCATION INC	COM	86272C103	2,259	16,487	SH	SOLE	1	16,487	0	0
STRATUS PROPERTIES INC	COM	863167201	119	3,895	SH	SOLE	1	3,895	0	0
STRYKER CORP	COM	863667101	25,527	143,669	SH	SOLE	1	143,669	0	0
STURM RUGER and CO INC	COM	864159108	917	13,280	SH	SOLE	1	13,280	0	0

SUMITOMO MITSUI FINL GRP	COM	86562MAF7	902	1,000,000	SH	SOLE	1	1,000,000	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	169	7,266	SH	SOLE	1	7,266	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	1,101	81,386	SH	SOLE	1	81,386	0	0
SUMMIT MATERIALS INC CL A	COM	86614U100	1,353	74,408	SH	SOLE	1	74,408	0	0
SUN COMMUNITIES INC	COM	866674104	151	1,492	SH	SOLE	1	1,492	0	0
SUN HYDRAULICS CORP	COM	866942105	1,039	18,966	SH	SOLE	1	18,966	0	0
SUN LIFE FINANCIAL INC	COM	866796956	348	8,746	SH	SOLE	1	8,746	0	0
SUNCOKE ENERGY INC	COM	86722A103	593	51,004	SH	SOLE	1	51,004	0	0
SUNCOR ENERGY INC	COM	867224958	497	12,839	SH	SOLE	1	12,839	0	0
SUNPOWER CORP	COM	867652406	298	40,876	SH	SOLE	1	40,876	0	0
SUNRUN INC	COM	86771W105	798	64,140	SH	SOLE	1	64,140	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	2,478	151,453	SH	SOLE	1	151,453	0	0
SUNTRUST BANKS INC	COM	867914103	14,681	219,815	SH	SOLE	1	219,815	0	0
SUPERIOR ENERGY SERVICES INC	COM	868157108	4,023	413,090	SH	SOLE	1	413,090	0	0
SUPERIOR GROUP OF COS INC	COM	868358102	114	6,009	SH	SOLE	1	6,009	0	0
SUPERIOR INDUSTRIES INTL	COM	868168105	326	19,110	SH	SOLE	1	19,110	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	1,956	38,848	SH	SOLE	1	38,848	0	0
SUPERVALU INC	COM	868536301	967	30,012	SH	SOLE	1	30,012	0	0
SURFACE ONCOLOGY INC	COM	86877M209	53	4,821	SH	SOLE	1	4,821	0	0
SURGERY PARTNERS INC	COM	86881A100	204	12,350	SH	SOLE	1	12,350	0	0
SURMODICS INC	COM	868873100	764	10,229	SH	SOLE	1	10,229	0	0
SVB FINANCIAL GROUP	COM	78486Q101	6,219	20,009	SH	SOLE	1	20,009	0	0
SWITCH INC A	COM	87105L104	9	864	SH	SOLE	1	864	0	0
SYKES ENTERPRISES INC	COM	871237103	948	31,091	SH	SOLE	1	31,091	0	0
SYMANTEC CORP	COM	871503108	5,460	256,556	SH	SOLE	1	256,556	0	0
SYNALLOY CORP	COM	871565107	125	5,484	SH	SOLE	1	5,484	0	0
SYNAPTICS INC	COM	87157D109	4,319	94,668	SH	SOLE	1	94,668	0	0
SYNCHRONY FINANCIAL	COM	87165B103	9,250	297,609	SH	SOLE	1	297,609	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	75	9,297	SH	SOLE	1	9,297	0	0
SYNEOS HEALTH INC	COM	87166B102	8,427	163,472	SH	SOLE	1	163,472	0	0
SYNERGY PHARMACEUTICALS INC	COM	871639308	280	164,903	SH	SOLE	1	164,903	0	0
SYNLOGIC INC	COM	87166L100	145	10,219	SH	SOLE	1	10,219	0	0
SYNNEX CORP	COM	87162W100	6,829	80,623	SH	SOLE	1	80,623	0	0
SYNOPSYS INC	COM	871607107	6,195	62,827	SH	SOLE	1	62,827	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	10,925	238,597	SH	SOLE	1	238,597	0	0
SYNTEL INC	COM	87162H103	967	23,587	SH	SOLE	1	23,587	0	0
SYROS PHARMACEUTICALS INC	COM	87184Q107	200	16,783	SH	SOLE	1	16,783	0	0
SYSCO CORP	COM	871829107	12,049	164,490	SH	SOLE	1	164,490	0	0
SYSTEMAX INC	COM	871851101	267	8,111	SH	SOLE	1	8,111	0	0
T MOBILE US INC	COM	872590104	3,615	51,505	SH	SOLE	1	51,505	0	0
T ROWE PRICE GROUP	COM	74144T108	16,245	148,792	SH	SOLE	1	148,792	0	0

INC										
T2 BIOSYSTEMS INC	COM	89853L104	154	20,606	SH	SOLE	1	20,606	0	0
TABLEAU SOFTWARE INC CL A	COM	87336U105	183	1,638	SH	SOLE	1	1,638	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	1,109	13,664	SH	SOLE	1	13,664	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	973	13,695	SH	SOLE	1	13,695	0	0
TAHOE RESOURCES INC	COM	873868103	575	206,094	SH	SOLE	1	206,094	0	0
TAILORED BRANDS INC	COM	87403A107	983	39,027	SH	SOLE	1	39,027	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	6,881	49,869	SH	SOLE	1	49,869	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	143	5,563	SH	SOLE	1	5,563	0	0
TALOS ENERGY INC	COM	87484T108	439	13,369	SH	SOLE	1	13,369	0	0
TANDEM DIABETES CARE INC	COM	875372203	1,449	33,828	SH	SOLE	1	33,828	0	0
TANGER FACTORY OUTLET CENTER	COM	875465106	5,724	250,175	SH	SOLE	1	250,175	0	0
TAPESTRY INC	COM	876030107	563,869	11,216,813	SH	SOLE	1	11,216,813	0	0
TARGA RESOURCES CORP	COM	87612G101	506	8,993	SH	SOLE	1	8,993	0	0
TARGET CORP	COM	87612E106	15,971	181,055	SH	SOLE	1	181,055	0	0
TATA MOTORS LTD SPON ADR	ADR	876568502	54	3,514	SH	SOLE	1	3,514	0	0
TAUBMAN CENTERS INC	COM	876664103	7,438	124,313	SH	SOLE	1	124,313	0	0
TAYLOR MORRISON HOME CORP A	COM	87724P106	1,343	74,435	SH	SOLE	1	74,435	0	0
TC PIPELINES LP	COM	87233QAA6	1,044	1,026,000	SH	SOLE	1	1,026,000	0	0
TCF FINANCIAL CORP	COM	872275102	8,115	340,831	SH	SOLE	1	340,831	0	0
TD AMERITRADE HOLDING CORP	COM	87236Y108	442	8,363	SH	SOLE	1	8,363	0	0
TE CONNECTIVITY LTD	COM	H84989104	10,948	124,510	SH	SOLE	1	124,510	0	0
TEAM INC	COM	878155100	524	23,290	SH	SOLE	1	23,290	0	0
TECH DATA CORP	COM	878237106	7,346	102,637	SH	SOLE	1	102,637	0	0
TECHNIPFMC PLC	COM	G87110105	4,866	155,701	SH	SOLE	1	155,701	0	0
TECHTARGET	COM	87874R100	262	13,481	SH	SOLE	1	13,481	0	0
TEEKAY CORP	COM	Y8564W103	306	45,463	SH	SOLE	1	45,463	0	0
TEEKAY TANKERS LTD CLASS A	COM	Y8565N102	125	126,831	SH	SOLE	1	126,831	0	0
TEGNA INC	COM	87901J105	7,488	626,124	SH	SOLE	1	626,124	0	0
TEJON RANCH CO	COM	879080109	303	13,958	SH	SOLE	1	13,958	0	0
TELADOC HEALTH INC	COM	87918A105	3,839	44,462	SH	SOLE	1	44,462	0	0
TELARIA INC	COM	879181105	110	29,123	SH	SOLE	1	29,123	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	18,006	72,994	SH	SOLE	1	72,994	0	0
TELEFLEX INC	COM	879369106	24,784	93,143	SH	SOLE	1	93,143	0	0
TELENAV INC	COM	879455103	104	20,545	SH	SOLE	1	20,545	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	5,699	187,279	SH	SOLE	1	187,279	0	0
TELIGENT INC	COM	87960W104	108	27,288	SH	SOLE	1	27,288	0	0
TELLURIAN INC	COM	87968A104	507	56,489	SH	SOLE	1	56,489	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	4,933	93,250	SH	SOLE	1	93,250	0	0
TENABLE HOLDINGS INC	COM	88025T102	325	8,354	SH	SOLE	1	8,354	0	0
TENET HEALTHCARE CORP	COM	88033G407	6,336	222,636	SH	SOLE	1	222,636	0	0
TENNANT CO	COM	880345103	1,067	14,048	SH	SOLE	1	14,048	0	0
TENNECO INC CLASS A	COM	880349105	1,422	33,752	SH	SOLE	1	33,752	0	0
TERADATA CORP	COM	88076W103	9,151	242,657	SH	SOLE	1	242,657	0	0

TERADYNE INC	COM	880770102	14,025	379,262	SH	SOLE	1	379,262	0	0
TEREX CORP	COM	880779103	5,264	131,896	SH	SOLE	1	131,896	0	0
TERRAFORM POWER INC A	COM	88104R209	561	48,531	SH	SOLE	1	48,531	0	0
TERRENO REALTY CORP	COM	88146M101	1,435	38,069	SH	SOLE	1	38,069	0	0
TERRITORIAL BANCORP INC	COM	88145X108	153	5,164	SH	SOLE	1	5,164	0	0
TESARO INC	COM	881569107	85	2,183	SH	SOLE	1	2,183	0	0
TESLA INC	COM	88160R101	2,590	9,781	SH	SOLE	1	9,781	0	0
TETRA TECH INC	COM	88162G103	2,973	43,524	SH	SOLE	1	43,524	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	433	96,089	SH	SOLE	1	96,089	0	0
TETRAPHASE PHARMACEUTICALS I	COM	88165N105	97	35,035	SH	SOLE	1	35,035	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	2,561	118,909	SH	SOLE	1	118,909	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	8,442	102,143	SH	SOLE	1	102,143	0	0
TEXAS INSTRUMENTS INC	COM	882508104	554,232	5,165,741	SH	SOLE	1	5,165,741	0	0
TEXAS ROADHOUSE INC	COM	882681109	12,398	178,923	SH	SOLE	1	178,923	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	232	18,090	SH	SOLE	1	18,090	0	0
TEXTRON INC	COM	883203101	6,458	90,357	SH	SOLE	1	90,357	0	0
TFS FINANCIAL CORP	COM	87240R107	13	898	SH	SOLE	1	898	0	0
TG THERAPEUTICS INC	COM	88322Q108	233	41,667	SH	SOLE	1	41,667	0	0
THE BANK OF PRINCETON	COM	064520109	117	3,833	SH	SOLE	1	3,833	0	0
THERAPEUTICSMD INC	COM	88338N107	795	121,202	SH	SOLE	1	121,202	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	929	28,429	SH	SOLE	1	28,429	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	41,477	169,934	SH	SOLE	1	169,934	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	554	21,501	SH	SOLE	1	21,501	0	0
THIRD POINT REINSURANCE LTD	COM	G8827U100	803	61,757	SH	SOLE	1	61,757	0	0
THOMSON REUTERS CORP	COM	884903956	672	14,735	SH	SOLE	1	14,735	0	0
THOR INDUSTRIES INC	COM	885160101	8,539	102,016	SH	SOLE	1	102,016	0	0
TIDEWATER INC	COM	88642R109	496	15,890	SH	SOLE	1	15,890	0	0
TIDEWATER INC NEW	COM	88642R109	73,023	2,341,223	SH	SOLE	2	2,341,223	0	0
TIER REIT INC	COM	88650V208	808	33,542	SH	SOLE	1	33,542	0	0
TIFFANY and CO	COM	886547108	5,780	44,818	SH	SOLE	1	44,818	0	0
TILE SHOP HLDGS INC	COM	88677Q109	225	31,429	SH	SOLE	1	31,429	0	0
TILLY S INC CLASS A SHRS	COM	886885102	182	9,612	SH	SOLE	1	9,612	0	0
TIMBERLAND BANCORP INC	COM	887098101	135	4,329	SH	SOLE	1	4,329	0	0
TIMKEN CO	COM	887389104	7,032	141,054	SH	SOLE	1	141,054	0	0
TIMKENSTEEL CORP	COM	887399103	466	31,317	SH	SOLE	1	31,317	0	0
TIPTREE INC	COM	88822Q103	117	17,914	SH	SOLE	1	17,914	0	0
TITAN INTERNATIONAL INC	COM	88830M102	293	39,463	SH	SOLE	1	39,463	0	0
TITAN MACHINERY INC	COM	88830R101	194	12,506	SH	SOLE	1	12,506	0	0
TIVITY HEALTH INC	COM	88870R102	1,010	31,406	SH	SOLE	1	31,406	0	0
TIVO CORP	COM	88870P106	1,185	95,212	SH	SOLE	1	95,212	0	0
TJX COMPANIES INC	COM	872540109	34,259	305,830	SH	SOLE	1	305,830	0	0
TOCAGEN INC	COM	888846102	184	11,825	SH	SOLE	1	11,825	0	0
TOLL BROTHERS INC	COM	889478103	9,342	282,834	SH	SOLE	1	282,834	0	0
TOMPKINS FINANCIAL	COM	890110109	917	11,290	SH	SOLE	1	11,290	0	0

CORP										
TOOTSIE ROLL INDS	COM	890516107	1,411	48,226	SH	SOLE	1	48,226	0	0
TOPBUILD CORP	COM	89055F103	1,584	27,874	SH	SOLE	1	27,874	0	0
TORCHMARK CORP	COM	891027104	4,393	50,675	SH	SOLE	1	50,675	0	0
TORO CO	COM	891092108	12,862	214,471	SH	SOLE	1	214,471	0	0
TOTAL CAPITAL INTL SA	COM	89153VAL3	607	600,000	SH	SOLE	1	600,000	0	0
TOTAL SYSTEM SERVICES INC	COM	891906109	6,625	67,094	SH	SOLE	1	67,094	0	0
TOWER INTERNATIONAL INC	COM	891826109	398	13,155	SH	SOLE	1	13,155	0	0
TOWN SPORTS INTERNATIONAL	COM	89214A102	83	9,610	SH	SOLE	1	9,610	0	0
TOWNE BANK	COM	89214P109	1,349	43,730	SH	SOLE	1	43,730	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	467	23,323	SH	SOLE	1	23,323	0	0
TPI COMPOSITES INC	COM	87266J104	276	9,661	SH	SOLE	1	9,661	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	4,180	45,990	SH	SOLE	1	45,990	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	3,258	21,587	SH	SOLE	1	21,587	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	35	1,111	SH	SOLE	1	1,111	0	0
TRANSDIGM GROUP INC	COM	893641100	7,880	21,166	SH	SOLE	1	21,166	0	0
TRANSENERIX INC	COM	89366M201	615	106,005	SH	SOLE	1	106,005	0	0
TRANSLATE BIO INC	COM	89374L104	65	6,505	SH	SOLE	1	6,505	0	0
TRANSOCEAN LTD	COM	H8817H100	12,181	873,186	SH	SOLE	1	873,186	0	0
TRANSUNION	COM	89400J107	447	6,081	SH	SOLE	1	6,081	0	0
TRAVELERS COS INC/THE	COM	89417E109	17,931	138,243	SH	SOLE	1	138,243	0	0
TRAVELPORT WORLDWIDE LTD	COM	G9019D104	1,664	98,656	SH	SOLE	1	98,656	0	0
TRAVELZOO	COM	89421Q205	37	3,133	SH	SOLE	1	3,133	0	0
TRECORA RESOURCES	COM	894648104	193	13,755	SH	SOLE	1	13,755	0	0
TREDEGAR CORP	COM	894650100	439	20,286	SH	SOLE	1	20,286	0	0
TREEHOUSE FOODS INC	COM	89469A104	5,469	114,302	SH	SOLE	1	114,302	0	0
TREX COMPANY INC	COM	89531P105	3,570	46,382	SH	SOLE	1	46,382	0	0
TRI POINTE GROUP INC	COM	87265H109	5,044	406,761	SH	SOLE	1	406,761	0	0
TRIBUNE MEDIA CO A	COM	896047503	61	1,588	SH	SOLE	1	1,588	0	0
TRICIDA INC	COM	89610F101	237	7,744	SH	SOLE	1	7,744	0	0
TRICO BANCSHARES	COM	896095106	654	16,933	SH	SOLE	1	16,933	0	0
TRIMAS CORP	COM	896215209	925	30,414	SH	SOLE	1	30,414	0	0
TRIMBLE INC	COM	896239100	22,521	518,203	SH	SOLE	1	518,203	0	0
TRINET GROUP INC	COM	896288107	1,630	28,943	SH	SOLE	1	28,943	0	0
TRINITY INDUSTRIES INC	COM	896522109	11,002	300,264	SH	SOLE	1	300,264	0	0
TRINITY PLACE HOLDINGS INC	COM	89656D101	71	11,638	SH	SOLE	1	11,638	0	0
TRINSEO SA	COM	L9340P101	3,242	41,402	SH	SOLE	1	41,402	0	0
TRIPADVISOR INC	COM	896945201	2,040	39,942	SH	SOLE	1	39,942	0	0
TRIPLE S MANAGEMENT CORP B	COM	896749108	277	14,654	SH	SOLE	1	14,654	0	0
TRISTATE CAPITAL HLDGS INC	COM	89678F100	449	16,277	SH	SOLE	1	16,277	0	0
TRITON INTERNATIONAL LTD/BER	COM	G9078F107	1,154	34,700	SH	SOLE	1	34,700	0	0
TRIUMPH BANCORP INC	COM	89679E300	720	18,858	SH	SOLE	1	18,858	0	0
TRIUMPH GROUP INC	COM	896818101	895	38,412	SH	SOLE	1	38,412	0	0
TRONOX LTD CL A	COM	Q9235V101	742	62,127	SH	SOLE	1	62,127	0	0
TRUEBLUE INC	COM	89785X101	825	31,672	SH	SOLE	1	31,672	0	0
TRUECAR INC	COM	89785L107	865	61,371	SH	SOLE	1	61,371	0	0



TRUPANION INC	COM	898202106	597	16,720	SH	SOLE	1	16,720	0	0
TRUSTCO BANK CORP NY	COM	898349105	628	73,883	SH	SOLE	1	73,883	0	0
TRUSTMARK CORP	COM	898402102	6,089	180,964	SH	SOLE	1	180,964	0	0
TTEC HOLDINGS INC	COM	89854H102	287	11,079	SH	SOLE	1	11,079	0	0
TTM TECHNOLOGIES	COM	87305R109	1,169	73,495	SH	SOLE	1	73,495	0	0
TUCOWS INC CLASS A	COM	898697206	352	6,312	SH	SOLE	1	6,312	0	0
TUPPERWARE BRANDS CORP	COM	899896104	4,485	134,094	SH	SOLE	1	134,094	0	0
TURNING POINT BRANDS INC	COM	90041L105	218	5,249	SH	SOLE	1	5,249	0	0
TURQUOISE HILL RESOURCES LTD	COM	900435959	115	54,175	SH	SOLE	1	54,175	0	0
TURTLE BEACH CORP	COM	900450206	104	5,214	SH	SOLE	1	5,214	0	0
TUTOR PERINI CORP	COM	901109108	467	24,833	SH	SOLE	1	24,833	0	0
TWENTY FIRST CENTURY FOX B	COM	90130A200	9,775	213,337	SH	SOLE	1	213,337	0	0
TWENTY FIRST CENTURY FOX A	COM	90130A101	22,192	479,000	SH	SOLE	1	479,000	0	0
TWILIO INC A	COM	90138F102	149	1,731	SH	SOLE	1	1,731	0	0
TWIN DISC INC	COM	901476101	129	5,615	SH	SOLE	1	5,615	0	0
TWITTER INC	COM	90184L102	7,438	261,363	SH	SOLE	1	261,363	0	0
TWO HARBORS INVESTMENT CORP	COM	90187B408	66	4,453	SH	SOLE	1	4,453	0	0
TYLER TECHNOLOGIES INC	COM	902252105	19,306	78,779	SH	SOLE	1	78,779	0	0
TYME TECHNOLOGIES INC	COM	90238J103	77	27,868	SH	SOLE	1	27,868	0	0
TYSON FOODS INC CL A	COM	902494103	8,290	139,260	SH	SOLE	1	139,260	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	1,164	9,818	SH	SOLE	1	9,818	0	0
UBIQUITI NETWORKS INC	COM	90347A100	46	465	SH	SOLE	1	465	0	0
UDR INC	COM	902653104	3,812	94,290	SH	SOLE	1	94,290	0	0
UFP TECHNOLOGIES INC	COM	902673102	161	4,393	SH	SOLE	1	4,393	0	0
UGI CORP	COM	902681105	19,928	359,197	SH	SOLE	1	359,197	0	0
ULTA BEAUTY INC	COM	90384S303	7,779	27,573	SH	SOLE	1	27,573	0	0
ULTIMATE SOFTWARE GROUP INC	COM	90385D107	20,485	63,579	SH	SOLE	1	63,579	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	380	30,244	SH	SOLE	1	30,244	0	0
ULTRA PETROLEUM CORP	COM	903914208	118	105,637	SH	SOLE	1	105,637	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	2,381	31,191	SH	SOLE	1	31,191	0	0
UMB FINANCIAL CORP	COM	902788108	8,573	120,918	SH	SOLE	1	120,918	0	0
UMH PROPERTIES INC	COM	903002103	345	22,039	SH	SOLE	1	22,039	0	0
UMPQUA HOLDINGS CORP	COM	904214103	9,310	447,613	SH	SOLE	1	447,613	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	1,448	68,224	SH	SOLE	1	68,224	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	1,729	88,863	SH	SOLE	1	88,863	0	0
UNIFI INC	COM	904677200	344	12,130	SH	SOLE	1	12,130	0	0
UNIFIRST CORP/MA	COM	904708104	2,085	12,005	SH	SOLE	1	12,005	0	0
UNION BANKSHARES CORP	COM	90539J109	1,675	43,460	SH	SOLE	1	43,460	0	0
UNION BANKSHARES INC /VT	COM	905400107	137	2,583	SH	SOLE	1	2,583	0	0
UNION PACIFIC CORP	COM	907818108	63,300	388,750	SH	SOLE	1	388,750	0	0
UNISYS CORP	COM	909214306	810	39,704	SH	SOLE	1	39,704	0	0
UNIT CORP	COM	909218109	1,077	41,318	SH	SOLE	1	41,318	0	0

UNITED BANKSHARES INC	COM	909907107	10,014	275,493	SH	SOLE	1	275,493	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,720	61,683	SH	SOLE	1	61,683	0	0
UNITED COMMUNITY FINANCIAL	COM	909839102	311	32,175	SH	SOLE	1	32,175	0	0
UNITED CONTINENTAL HOLDINGS	COM	910047109	8,060	90,505	SH	SOLE	1	90,505	0	0
UNITED FINANCIAL BANCORP INC	COM	910304104	566	33,650	SH	SOLE	1	33,650	0	0
UNITED FIRE GROUP INC	COM	910340108	840	16,551	SH	SOLE	1	16,551	0	0
UNITED INSURANCE HOLDINGS CO	COM	910710102	364	16,243	SH	SOLE	1	16,243	0	0
UNITED NATURAL FOODS INC	COM	911163103	4,047	135,109	SH	SOLE	1	135,109	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	36,158	309,701	SH	SOLE	1	309,701	0	0
UNITED RENTALS INC	COM	911363109	5,234	31,992	SH	SOLE	1	31,992	0	0
UNITED SECURITY BANCSHARE/CA	COM	911460103	97	8,706	SH	SOLE	1	8,706	0	0
UNITED STATES LIME and MINERAL	COM	911922102	105	1,326	SH	SOLE	1	1,326	0	0
UNITED STATES STEEL CORP	COM	912909108	10,980	360,241	SH	SOLE	1	360,241	0	0
UNITED TECHNOLOGIES CORP	COM	913017109	54,208	387,724	SH	SOLE	1	387,724	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	11,602	90,723	SH	SOLE	1	90,723	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	84,317	316,934	SH	SOLE	1	316,934	0	0
UNITI GROUP INC	COM	91325V108	7,192	356,939	SH	SOLE	1	356,939	0	0
UNITIL CORP	COM	913259107	492	9,660	SH	SOLE	1	9,660	0	0
UNITY BANCORP INC	COM	913290102	117	5,125	SH	SOLE	1	5,125	0	0
UNITY BIOTECHNOLOGY INC	COM	91381U101	55	3,348	SH	SOLE	1	3,348	0	0
UNIVAR INC	COM	91336L107	67	2,194	SH	SOLE	1	2,194	0	0
UNIVERSAL CORP/VA	COM	913456109	1,263	19,433	SH	SOLE	1	19,433	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	121	1,028	SH	SOLE	1	1,028	0	0
UNIVERSAL ELECTRONICS INC	COM	913483103	418	10,625	SH	SOLE	1	10,625	0	0
UNIVERSAL FOREST PRODUCTS	COM	913543104	1,671	47,298	SH	SOLE	1	47,298	0	0
UNIVERSAL HEALTH RLTU INCOME	COM	91359E105	748	10,047	SH	SOLE	1	10,047	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	3,982	31,147	SH	SOLE	1	31,147	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	1,209	24,902	SH	SOLE	1	24,902	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	203	5,515	SH	SOLE	1	5,515	0	0
UNIVERSAL ROBINA CORP	COM	691951909	39	14,440	SH	SOLE	1	14,440	0	0
UNIVERSAL STAINLESS and ALLOY	COM	913837100	142	5,567	SH	SOLE	1	5,567	0	0
UNIVEST CORP OF PENNSYLVANIA	COM	915271100	506	19,135	SH	SOLE	1	19,135	0	0
UNUM GROUP	COM	91529Y106	3,088	79,031	SH	SOLE	1	79,031	0	0
UNUM THERAPEUTICS INC	COM	903214104	24	2,352	SH	SOLE	1	2,352	0	0
UPLAND SOFTWARE INC	COM	91544A109	337	10,434	SH	SOLE	1	10,434	0	0
URANIUM ENERGY CORP	COM	916896103	181	105,279	SH	SOLE	1	105,279	0	0

URBAN EDGE PROPERTIES	COM	91704F104	6,675	302,323	SH	SOLE	1	302,323	0	0
URBAN OUTFITTERS INC	COM	917047102	6,357	155,435	SH	SOLE	1	155,435	0	0
URSTADT BIDDLE CLASS A	COM	917286205	495	23,252	SH	SOLE	1	23,252	0	0
US BANCORP	COM	902973304	41,178	779,732	SH	SOLE	1	779,732	0	0
US CELLULAR CORP	COM	911684108	11	235	SH	SOLE	1	235	0	0
US CONCRETE INC	COM	90333L201	579	12,619	SH	SOLE	1	12,619	0	0
US ECOLOGY INC	COM	91732J102	1,270	17,219	SH	SOLE	1	17,219	0	0
US FOODS HOLDING CORP	COM	912008109	123	3,982	SH	SOLE	1	3,982	0	0
US SILICA HOLDINGS INC	COM	90346E103	1,156	61,406	SH	SOLE	1	61,406	0	0
US XPRESS ENTERPRISES INC A	COM	90338N202	192	13,905	SH	SOLE	1	13,905	0	0
USA TECHNOLOGIES INC	COM	90328S500	272	37,807	SH	SOLE	1	37,807	0	0
USA TRUCK INC	COM	902925106	106	5,252	SH	SOLE	1	5,252	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	1,013	8,405	SH	SOLE	1	8,405	0	0
USG CORP	COM	903293405	64	1,478	SH	SOLE	1	1,478	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	215	2,279	SH	SOLE	1	2,279	0	0
VAIL RESORTS INC	COM	91879Q109	749	2,730	SH	SOLE	1	2,730	0	0
VALE OVERSEAS LIMITED	COM	91911TAM5	1,008	1,000,000	SH	SOLE	1	1,000,000	0	0
VALERO ENERGY CORP	COM	91913Y100	21,017	184,767	SH	SOLE	1	184,767	0	0
VALHI INC	COM	918905100	38	16,760	SH	SOLE	1	16,760	0	0
VALLEY NATIONAL BANCORP	COM	919794107	9,922	881,980	SH	SOLE	1	881,980	0	0
VALMONT INDUSTRIES	COM	920253101	6,308	45,545	SH	SOLE	1	45,545	0	0
VALUE LINE INC	COM	920437100	18	717	SH	SOLE	1	717	0	0
VALVOLINE INC	COM	92047W101	8,342	387,839	SH	SOLE	1	387,839	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	782	34,065	SH	SOLE	1	34,065	0	0
VAREX IMAGING CORP	COM	92214X106	859	29,958	SH	SOLE	1	29,958	0	0
VARIAN MEDICAL SYSTEMS INC	COM	92220P105	4,045	36,136	SH	SOLE	1	36,136	0	0
VARONIS SYSTEMS INC	COM	922280102	1,372	18,730	SH	SOLE	1	18,730	0	0
VECTOR GROUP LTD	COM	92240M108	1,613	117,027	SH	SOLE	1	117,027	0	0
VECTREN CORP	COM	92240G101	12,074	168,890	SH	SOLE	1	168,890	0	0
VECTRUS INC	COM	92242T101	231	7,399	SH	SOLE	1	7,399	0	0
VEDANTA LTD ADR	ADR	92242Y100	46	3,558	SH	SOLE	1	3,558	0	0
VEECO INSTRUMENTS INC	COM	922417100	390	38,024	SH	SOLE	1	38,024	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	480	4,405	SH	SOLE	1	4,405	0	0
VENTAS INC	COM	92276F100	9,297	170,971	SH	SOLE	1	170,971	0	0
VERA BRADLEY INC	COM	92335C106	270	17,694	SH	SOLE	1	17,694	0	0
VERACYTE INC	COM	92337F107	179	18,772	SH	SOLE	1	18,772	0	0
VERASTEM INC	COM	92337C104	330	45,584	SH	SOLE	1	45,584	0	0
VEREIT INC	COM	92339V100	128	17,583	SH	SOLE	1	17,583	0	0
VERICEL CORP	COM	92346J108	403	28,505	SH	SOLE	1	28,505	0	0
VERINT SYSTEMS INC	COM	92343X100	2,117	42,250	SH	SOLE	1	42,250	0	0
VERISIGN INC	COM	92343E102	6,885	42,999	SH	SOLE	1	42,999	0	0
VERISK ANALYTICS INC	COM	92345Y106	9,047	75,048	SH	SOLE	1	75,048	0	0
VERITEX HOLDINGS INC	COM	923451108	436	15,419	SH	SOLE	1	15,419	0	0
VERITIV CORP	COM	923454102	328	9,003	SH	SOLE	1	9,003	0	0
VERITONE INC	COM	92347M100	56	5,339	SH	SOLE	1	5,339	0	0

VERIZON COMMUNICATIONS INC	COM	92343V104	574,682	10,763,854	SH	SOLE	1	10,763,854	0	0
VERMILION ENERGY INC	COM	923725956	185	5,604	SH	SOLE	1	5,604	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	63	3,850	SH	SOLE	1	3,850	0	0
VERSO CORP A	COM	92531L207	770	22,875	SH	SOLE	1	22,875	0	0
VERSUM MATERIALS INC	COM	92532W103	7,999	222,124	SH	SOLE	1	222,124	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	22,466	116,560	SH	SOLE	1	116,560	0	0
VF CORP	COM	918204108	10,863	116,246	SH	SOLE	1	116,246	0	0
VIACOM INC CLASS A	COM	92553P102	7	182	SH	SOLE	1	182	0	0
VIACOM INC CLASS B	COM	92553P201	4,587	135,884	SH	SOLE	1	135,884	0	0
VIAD CORP	COM	92552R406	947	15,980	SH	SOLE	1	15,980	0	0
VIASAT INC	COM	92552V100	9,561	149,514	SH	SOLE	1	149,514	0	0
VIAVI SOLUTIONS INC	COM	925550105	2,024	178,488	SH	SOLE	1	178,488	0	0
VICI PROPERTIES INC	COM	925652109	107	4,948	SH	SOLE	1	4,948	0	0
VICOR CORP	COM	925815102	623	13,544	SH	SOLE	1	13,544	0	0
VIEWRAY INC	COM	92672L107	374	40,003	SH	SOLE	1	40,003	0	0
VIKING THERAPEUTICS INC	COM	92686J106	599	34,403	SH	SOLE	1	34,403	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	148	5,453	SH	SOLE	1	5,453	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	43	6,933	SH	SOLE	1	6,933	0	0
VIRNETX HOLDING CORP	COM	92823T108	170	36,486	SH	SOLE	1	36,486	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	19	944	SH	SOLE	1	944	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	623	5,474	SH	SOLE	1	5,474	0	0
VIRTUSA CORP	COM	92827P102	1,192	22,197	SH	SOLE	1	22,197	0	0
VISA INC CLASS A SHARES	COM	92826C839	109,990	732,830	SH	SOLE	1	732,830	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	7,206	354,113	SH	SOLE	1	354,113	0	0
VISHAY PRECISION GROUP	COM	92835K103	257	6,859	SH	SOLE	1	6,859	0	0
VISTA OUTDOOR INC	COM	928377100	803	44,886	SH	SOLE	1	44,886	0	0
VISTEON CORP	COM	92839U206	5,556	59,809	SH	SOLE	1	59,809	0	0
VISTRA ENERGY CORP	COM	92840M102	185	7,432	SH	SOLE	1	7,432	0	0
VITAL THERAPIES INC	COM	92847R104	6	20,168	SH	SOLE	1	20,168	0	0
VITAMIN SHOPPE INC	COM	92849E101	19	1,905	SH	SOLE	1	1,905	0	0
VIVINT SOLAR INC	COM	92854Q106	109	20,914	SH	SOLE	1	20,914	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	723	19,770	SH	SOLE	1	19,770	0	0
VODAFONE GROUP PLC SP ADR	ADR	92857W308	591	27,228	SH	SOLE	1	27,228	0	0
VONAGE HOLDINGS CORP	COM	92886T201	2,457	173,525	SH	SOLE	1	173,525	0	0
VORNADO REALTY TRUST	COM	929042109	5,581	76,458	SH	SOLE	1	76,458	0	0
VOYA FINANCIAL INC	COM	929089100	3,115	62,723	SH	SOLE	1	62,723	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	269	14,231	SH	SOLE	1	14,231	0	0
VSE CORP	COM	918284100	191	5,751	SH	SOLE	1	5,751	0	0
VULCAN MATERIALS CO	COM	929160109	6,411	57,655	SH	SOLE	1	57,655	0	0
VUZIX CORP	COM	92921W300	102	15,624	SH	SOLE	1	15,624	0	0

W and T OFFSHORE INC	COM	92922P106	595	61,697	SH	SOLE	1	61,697	0	0
WABASH NATIONAL CORP	COM	929566107	811	44,495	SH	SOLE	1	44,495	0	0
WABCO HOLDINGS INC	COM	92927K102	153	1,294	SH	SOLE	1	1,294	0	0
WABTEC CORP	COM	929740108	18,309	174,571	SH	SOLE	1	174,571	0	0
WADDELL and REED FINANCIAL A	COM	930059100	1,299	61,328	SH	SOLE	1	61,328	0	0
WAGEWORKS INC	COM	930427109	1,332	31,155	SH	SOLE	1	31,155	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	32,459	445,253	SH	SOLE	1	445,253	0	0
WALKER and DUNLOP INC	COM	93148P102	1,156	21,868	SH	SOLE	1	21,868	0	0
WALMART INC	COM	931142103	49,357	525,582	SH	SOLE	1	525,582	0	0
WALT DISNEY CO/THE	COM	254687106	75,788	648,090	SH	SOLE	1	648,090	0	0
WARRIOR MET COAL INC	COM	93627C101	775	28,655	SH	SOLE	1	28,655	0	0
WASHINGTON FEDERAL INC	COM	938824109	7,159	223,708	SH	SOLE	1	223,708	0	0
WASHINGTON PRIME GROUP INC	COM	93964W108	1,071	146,706	SH	SOLE	1	146,706	0	0
WASHINGTON REIT	COM	939653101	1,603	52,299	SH	SOLE	1	52,299	0	0
WASHINGTON TRUST BANCORP	COM	940610108	552	9,989	SH	SOLE	1	9,989	0	0
WASTE CONNECTIONS INC	COM	94106B101	296	3,708	SH	SOLE	1	3,708	0	0
WASTE MANAGEMENT INC	COM	94106L109	15,991	176,972	SH	SOLE	1	176,972	0	0
WATERS CORP	COM	941848103	5,558	28,550	SH	SOLE	1	28,550	0	0
WATERSTONE FINANCIAL INC	COM	94188P101	290	16,910	SH	SOLE	1	16,910	0	0
WATSCO INC	COM	942622200	11,632	65,309	SH	SOLE	1	65,309	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	1,811	21,824	SH	SOLE	1	21,824	0	0
WAVE LIFE SCIENCES LTD	COM	Y95308105	585	11,692	SH	SOLE	1	11,692	0	0
WAYFAIR INC CLASS A	COM	94419L101	200	1,355	SH	SOLE	1	1,355	0	0
WD 40 CO	COM	929236107	1,849	10,746	SH	SOLE	1	10,746	0	0
WEATHERFORD INTERNATIONAL PL	COM	G48833100	49	18,054	SH	SOLE	1	18,054	0	0
WEB.COM GROUP INC	COM	94733A104	756	27,104	SH	SOLE	1	27,104	0	0
WEBSTER FINANCIAL CORP	COM	947890109	11,053	187,465	SH	SOLE	1	187,465	0	0
WEC ENERGY GROUP INC	COM	92939U106	10,793	161,672	SH	SOLE	1	161,672	0	0
WEG SA	COM	294542907	69	14,100	SH	SOLE	1	14,100	0	0
WEIBO CORP SPON ADR	ADR	948596101	58	793	SH	SOLE	1	793	0	0
WEIGHT WATCHERS INTL INC	COM	948626106	7,445	103,424	SH	SOLE	1	103,424	0	0
WEINGARTEN REALTY INVESTORS	COM	948741103	7,206	242,131	SH	SOLE	1	242,131	0	0
WEIS MARKETS INC	COM	948849104	275	6,333	SH	SOLE	1	6,333	0	0
WELBILT INC	COM	949090104	66	3,145	SH	SOLE	1	3,145	0	0
WELLCARE HEALTH PLANS INC	COM	94946T106	7,274	22,695	SH	SOLE	1	22,695	0	0
WELLS FARGO and CO	COM	949746101	78,367	1,491,000	SH	SOLE	1	1,491,000	0	0
WELLTOWER INC	COM	95040Q104	10,772	167,481	SH	SOLE	1	167,481	0	0
WENDY S CO/THE	COM	95058W100	6,543	381,741	SH	SOLE	1	381,741	0	0
WERNER ENTERPRISES INC	COM	950755108	4,285	121,210	SH	SOLE	1	121,210	0	0
WESBANCO INC	COM	950810101	1,546	34,680	SH	SOLE	1	34,680	0	0
WESCO AIRCRAFT HOLDINGS INC	COM	950814103	404	35,953	SH	SOLE	1	35,953	0	0
WESCO	COM	95082P105	52	851	SH	SOLE	1	851	0	0

INTERNATIONAL INC										
WEST BANCORPORATION	COM	95123P106	248	10,539	SH	SOLE	1	10,539	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	18,469	149,582	SH	SOLE	1	149,582	0	0
WESTAMERICA BANCORPORATION	COM	957090103	1,224	20,346	SH	SOLE	1	20,346	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	122	2,139	SH	SOLE	1	2,139	0	0
WESTERN ASSET MORTGAGE CAPIT	COM	95790D105	269	26,843	SH	SOLE	1	26,843	0	0
WESTERN DIGITAL CORP	COM	958102105	21,261	363,191	SH	SOLE	1	363,191	0	0
WESTERN NEW ENGLAND BANCORP	COM	958892101	193	17,866	SH	SOLE	1	17,866	0	0
WESTERN UNION CO	COM	959802109	3,279	172,030	SH	SOLE	1	172,030	0	0
WESTLAKE CHEMICAL CORP	COM	960413102	72	863	SH	SOLE	1	863	0	0
WESTROCK CO	COM	96145D105	6,714	125,638	SH	SOLE	1	125,638	0	0
WESTWOOD HOLDINGS GROUP INC	COM	961765104	284	5,496	SH	SOLE	1	5,496	0	0
WEX INC	COM	96208T104	17,629	87,813	SH	SOLE	1	87,813	0	0
WEYCO GROUP INC	COM	962149100	142	4,049	SH	SOLE	1	4,049	0	0
WEYERHAEUSER CO	COM	962166104	12,284	380,648	SH	SOLE	1	380,648	0	0
WHEATON PRECIOUS METALS CORP	COM	962879953	137	7,836	SH	SOLE	1	7,836	0	0
WHIRLPOOL CORP	COM	963320106	4,388	36,951	SH	SOLE	1	36,951	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	51	55	SH	SOLE	1	55	0	0
WHITESTONE REIT	COM	966084204	419	30,169	SH	SOLE	1	30,169	0	0
WHITING PETROLEUM CORP	COM	966387409	86	1,626	SH	SOLE	1	1,626	0	0
WIDEPENWEST INC	COM	96758W101	220	19,649	SH	SOLE	1	19,649	0	0
WILDHORSE RESOURCE DEVELOPME	COM	96812T102	428	18,112	SH	SOLE	1	18,112	0	0
WILEY (JOHN) and SONS CLASS A	COM	968223206	5,603	92,464	SH	SOLE	1	92,464	0	0
WILLDAN GROUP INC	COM	96924N100	177	5,214	SH	SOLE	1	5,214	0	0
WILLIAM LYON HOMES CL A	COM	552074700	401	25,235	SH	SOLE	1	25,235	0	0
WILLIAMS COMPANIES INC	COM	96949LAA3	993	1,000,000	SH	SOLE	1	1,000,000	0	0
WILLIAMS COS INC	COM	969457100	11,911	438,063	SH	SOLE	1	438,063	0	0
WILLIAMS SONOMA INC	COM	969904101	12,923	196,644	SH	SOLE	1	196,644	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	71	2,048	SH	SOLE	1	2,048	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	7,322	51,948	SH	SOLE	1	51,948	0	0
WILLSCOT CORP	COM	971375126	406	23,670	SH	SOLE	1	23,670	0	0
WINDSTREAM HOLDINGS INC	COM	97382A309	133	27,064	SH	SOLE	1	27,064	0	0
WINGSTOP INC	COM	974155103	1,559	22,838	SH	SOLE	1	22,838	0	0
WINMARK CORP	COM	974250102	274	1,651	SH	SOLE	1	1,651	0	0
WINNEBAGO INDUSTRIES	COM	974637100	796	24,023	SH	SOLE	1	24,023	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	9,731	114,569	SH	SOLE	1	114,569	0	0
WIPRO LTD ADR	ADR	97651M109	58	11,137	SH	SOLE	1	11,137	0	0
WISDOMTREE INVESTMENTS INC	COM	97717P104	778	91,773	SH	SOLE	1	91,773	0	0
WMIH CORP	COM	92936P100	287	206,451	SH	SOLE	1	206,451	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	2,845	72,863	SH	SOLE	1	72,863	0	0

WOODWARD INC	COM	980745103	11,921	147,427	SH	SOLE	1	147,427	0	0
WORKDAY INC CLASS A	COM	98138H101	1,947	13,335	SH	SOLE	1	13,335	0	0
WORKIVA INC	COM	98139A105	747	18,899	SH	SOLE	1	18,899	0	0
WORLD ACCEPTANCE CORP	COM	981419104	553	4,832	SH	SOLE	1	4,832	0	0
WORLD FUEL SERVICES CORP	COM	981475106	5,020	181,347	SH	SOLE	1	181,347	0	0
WORLD WRESTLING ENTERTAIN A	COM	98156Q108	11,214	115,927	SH	SOLE	1	115,927	0	0
WORLDPAY INC CLASS A	COM	981558109	916	9,047	SH	SOLE	1	9,047	0	0
WORTHINGTON INDUSTRIES	COM	981811102	4,737	109,252	SH	SOLE	1	109,252	0	0
WP CAREY INC	COM	92936U109	123	1,919	SH	SOLE	1	1,919	0	0
WPX ENERGY INC	COM	98212B103	16,149	802,613	SH	SOLE	1	802,613	0	0
WR BERKLEY CORP	COM	084423102	16,250	203,303	SH	SOLE	1	203,303	0	0
WR GRACE and CO	COM	38388F108	107	1,504	SH	SOLE	1	1,504	0	0
WRIGHT MEDICAL GROUP NV	COM	N96617118	2,394	82,498	SH	SOLE	1	82,498	0	0
WSFS FINANCIAL CORP	COM	929328102	943	20,009	SH	SOLE	1	20,009	0	0
WW GRAINGER INC	COM	384802104	6,168	17,257	SH	SOLE	1	17,257	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	10,432	240,593	SH	SOLE	1	240,593	0	0
WYNDHAM HOTELS and RESORTS INC	COM	98311A105	11,322	203,739	SH	SOLE	1	203,739	0	0
WYNN RESORTS LTD	COM	983134107	5,199	40,915	SH	SOLE	1	40,915	0	0
XCEL ENERGY INC	COM	98389B100	10,282	217,785	SH	SOLE	1	217,785	0	0
XCERRA CORP	COM	98400J108	509	35,656	SH	SOLE	1	35,656	0	0
XENCOR INC	COM	98401F105	1,195	30,661	SH	SOLE	1	30,661	0	0
XENIA HOTELS and RESORTS INC	COM	984017103	1,772	74,778	SH	SOLE	1	74,778	0	0
XERIS PHARMACEUTICALS INC	COM	98422L107	77	4,390	SH	SOLE	1	4,390	0	0
XEROX CORP	COM	984121608	2,750	101,931	SH	SOLE	1	101,931	0	0
XILINX INC	COM	983919101	8,449	105,394	SH	SOLE	1	105,394	0	0
XO GROUP INC	COM	983772104	659	19,109	SH	SOLE	1	19,109	0	0
XOMA CORP	COM	98419J206	67	3,787	SH	SOLE	1	3,787	0	0
XPERI CORP	COM	98421B100	571	38,483	SH	SOLE	1	38,483	0	0
XPO LOGISTICS INC	COM	983793100	329	2,878	SH	SOLE	1	2,878	0	0
XYLEM INC	COM	98419M100	5,097	63,822	SH	SOLE	1	63,822	0	0
YELP INC	COM	985817105	2,648	53,825	SH	SOLE	1	53,825	0	0
YEXT INC	COM	98585N106	1,277	53,871	SH	SOLE	1	53,871	0	0
YORK WATER CO	COM	987184108	260	8,545	SH	SOLE	1	8,545	0	0
YRC WORLDWIDE INC	COM	984249607	198	22,029	SH	SOLE	1	22,029	0	0
YUM BRANDS INC	COM	988498101	13,353	146,877	SH	SOLE	1	146,877	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	473	13,474	SH	SOLE	1	13,474	0	0
YY INC ADR	ADR	98426T106	57	756	SH	SOLE	1	756	0	0
ZAFGEN INC	COM	98885E103	236	20,222	SH	SOLE	1	20,222	0	0
ZAGG INC	COM	98884U108	267	18,134	SH	SOLE	1	18,134	0	0
ZAYO GROUP HOLDINGS INC	COM	98919V105	167	4,808	SH	SOLE	1	4,808	0	0
ZEBRA TECHNOLOGIES CORP CL A	COM	989207105	19,354	109,447	SH	SOLE	1	109,447	0	0
ZENDESK INC	COM	98936J101	176	2,484	SH	SOLE	1	2,484	0	0
ZILLOW GROUP INC A	COM	98954M101	55	1,252	SH	SOLE	1	1,252	0	0
ZILLOW GROUP INC C	COM	98954M200	114	2,569	SH	SOLE	1	2,569	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	9,468	72,016	SH	SOLE	1	72,016	0	0

ZION OIL and GAS INC	COM	989696109	46	36,162	SH	SOLE	1	36,162	0	0
ZIONS BANCORP NA	COM	989701107	3,530	70,398	SH	SOLE	1	70,398	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	279	87,289	SH	SOLE	1	87,289	0	0
ZIX CORP	COM	98974P100	192	34,666	SH	SOLE	1	34,666	0	0
ZOE S KITCHEN INC	COM	98979J109	160	12,586	SH	SOLE	1	12,586	0	0
ZOETIS INC	COM	98978V103	20,381	222,597	SH	SOLE	1	222,597	0	0
ZOGENIX INC	COM	98978L204	1,381	27,843	SH	SOLE	1	27,843	0	0
ZOMEDICA PHARMACEUTICALS COR	COM	98979F107	51	27,353	SH	SOLE	1	27,353	0	0
ZSCALER INC	COM	98980G102	377	9,240	SH	SOLE	1	9,240	0	0
ZUMIEZ INC	COM	989817101	385	14,618	SH	SOLE	1	14,618	0	0
ZYNGA INC CL A	COM	98986T108	56	13,868	SH	SOLE	1	13,868	0	0