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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 13F

FORM 13F COVER PAGE

OMB APPROVAL

OMB Number: 3235-0006
Estimated average burden
hours per response: 23.8

Report for the Calendar Year or Quarter Ended: 03-31-2024

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: 1271 Ave Of The Americas

Fl 37

New York, NY 10020-1304

Form 13F File Number: 028-00219

CRD Number (if applicable):

SEC File Number (if applicable):

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: Sabra R. Purtill

Title: Executive Vice President and Chief Financial Officer

Phone: 212-770-7000

Signature, Place, and Date of Signing:

/s/ Sabra R. Purtill

[Signature]

New York, NY

[City, State]

05-13-2024

[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: 3

Form 13F Information Table Entry Total: 3,017

Form 13F Information Table Value Total: 27,919,277,783

(round to nearest dollar)

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.	Name	Form 13F File Number	CRD No. (if applicable)	SEC File No. (if applicable)	CIK
1	SUNAMERICA ASSET MANAGEMENT, LLC	028-02725			0000863926

2	Corebridge Institutional Investments (U.S.), LLC	028-13934	0001492070
3	AIG Capital Corp	028-23996	0001417296

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FORM 13F INFORMATION TABLE

COLUMN 1 NAME OF ISSUER	COLUMN 2 TITLE OF CLASS	COLUMN 3 CUSIP	COLUMN 4 FIGI	COLUMN 5 VALUE (to the nearest dollar)	COLUMN 6 SHRS OR SH/ PUT/ INVESTMENT	COLUMN 7 OTHER MANAGER	COLUMN 8 VOTING AUTHORITY			
							SOLE	SHARED	NONE	
1 800 FLOWERS.COM INC CL A	CL A	68243Q106		139,014	12,836 SH	DFND	1	12,836	0	0
10X GENOMICS INC CLASS A	CL A	88025U109		57,458	1,531 SH	DFND	1	1,531	0	0
1ST SOURCE CORP	COM	336901103		426,227	8,131 SH	DFND	1	8,131	0	0
23ANDME HOLDING CO CLASS A	CL A	90138Q108		81,560	153,309 SH	DFND	1	153,309	0	0
2SEVENTY BIO INC	COM	901384107		132,429	24,753 SH	DFND	1	24,753	0	0
2U INC	COM	90214J101		15,401	39,520 SH	DFND	1	39,520	0	0
374WATER INC	COM	88583P104		38,315	30,409 SH	DFND	1	30,409	0	0
3D SYSTEMS CORP	COM	88554D205		313,500	70,608 SH	DFND	1	70,608	0	0
3M CO	COM	88579Y101		14,848,633	139,989 SH	DFND	1	139,989	0	0
4D MOLECULAR THERAPEUTICS IN	COM	35104E100		637,837	20,020 SH	DFND	1	20,020	0	0
5E ADVANCED MATERIALS INC	COM	33830Q109		25,968	19,379 SH	DFND	1	19,379	0	0
89BIO INC	COM	282559103		453,588	38,968 SH	DFND	1	38,968	0	0
8X8 INC	COM	282914100		164,233	60,827 SH	DFND	1	60,827	0	0
908 DEVICES INC	COM	65443P102		82,454	10,921 SH	DFND	1	10,921	0	0
A MARK PRECIOUS METALS INC	COM	00181T107		284,067	9,256 SH	DFND	1	9,256	0	0
A10 NETWORKS INC	COM	002121101		521,165	38,069 SH	DFND	1	38,069	0	0
AADI BIOSCIENCE INC	COM	00032Q104		18,704	7,993 SH	DFND	1	7,993	0	0
AAON INC	COM	000360206		3,219,174	36,540 SH	DFND	1	36,540	0	0
AAR CORP	COM	000361105		1,091,011	18,223 SH	DFND	1	18,223	0	0
AARON S CO INC/THE	COM	00258W108		111,323	14,843 SH	DFND	1	14,843	0	0
ABBOTT LABORATORIES	COM	002824100		49,977,666	439,712 SH	DFND	1	439,712	0	0
ABBVIE INC	COM	00287Y109		82,584,899	453,514 SH	DFND	1	453,514	0	0
ABERCROMBIE AND FITCH CO CL A	CL A	002896207		3,310,216	26,412 SH	DFND	1	26,412	0	0
ABM INDUSTRIES INC	COM	000957100		1,516,098	33,978 SH	DFND	1	33,978	0	0
ACACIA RESEARCH CORP	COM	003881307		99,847	18,733 SH	DFND	1	18,733	0	0
ACADEMY SPORTS AND OUTDOORS IN	COM	00402L107		2,641,354	39,108 SH	DFND	1	39,108	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109		9,668,563	122,047 SH	DFND	1	122,047	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108		1,117,536	60,440 SH	DFND	1	60,440	0	0
ACADIA REALTY TRUST	COM SH BEN INT	004239109		923,167	54,272 SH	DFND	1	54,272	0	0
ACCEL ENTERTAINMENT INC	CL A1	00436Q106		309,959	26,290 SH	DFND	1	26,290	0	0
ACCENTURE PLC CL A	SHS CL A	G1151C101		56,182,015	162,090 SH	DFND	1	162,090	0	0
ACCO BRANDS CORP	COM	00081T108		255,496	45,543 SH	DFND	1	45,543	0	0

ACCOLADE INC	COM	00437E102	358,510	34,209	SH	DFND	1	34,209	0	0
ACCURAY INC	COM	004397105	114,845	46,496	SH	DFND	1	46,496	0	0
ACELYRIN INC	COM	00445A100	241,603	35,793	SH	DFND	1	35,793	0	0
ACI WORLDWIDE INC	COM	004498101	1,944,047	58,538	SH	DFND	1	58,538	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	42,444	34,229	SH	DFND	1	34,229	0	0
ACM RESEARCH INC CLASS A	CL A	00108J109	702,624	24,112	SH	DFND	1	24,112	0	0
ACNB CORP	COM	000868109	154,273	4,103	SH	DFND	1	4,103	0	0
ACRIVON THERAPEUTICS INC	COM	004890109	43,014	6,016	SH	DFND	1	6,016	0	0
ACTINIUM PHARMACEUTICALS INC	COM	00507W206	106,942	13,658	SH	DFND	1	13,658	0	0
ACUITY BRANDS INC	COM	00508Y102	10,856,155	40,398	SH	DFND	1	40,398	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	985,491	14,943	SH	DFND	1	14,943	0	0
ACV AUCTIONS INC A	CL A	00091G104	1,176,109	62,659	SH	DFND	1	62,659	0	0
ADAPTHEALTH CORP	CL A	00653Q102	586,653	50,969	SH	DFND	1	50,969	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	179,705	55,983	SH	DFND	1	55,983	0	0
ADDUS HOMECARE CORP	COM	006739106	873,843	8,456	SH	DFND	1	8,456	0	0
ADEIA INC	COM	00676P107	630,412	57,730	SH	DFND	1	57,730	0	0
ADICET BIO INC	COM	007002108	61,850	26,319	SH	DFND	1	26,319	0	0
ADIENT PLC	COM	G0084W101	5,435,454	165,111	SH	DFND	1	165,111	0	0
ADMA BIOLOGICS INC	COM	000899104	693,376	105,057	SH	DFND	1	105,057	0	0
ADOBE INC	COM	00724F101	83,324,598	165,130	SH	DFND	1	165,130	0	0
ADT INC	COM	00090Q103	14,152	2,106	SH	DFND	1	2,106	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	1,084,848	21,106	SH	DFND	1	21,106	0	0
ADTRAN HOLDINGS INC	COM	00486H105	227,147	41,755	SH	DFND	1	41,755	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	274,841	3,230	SH	DFND	1	3,230	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	15,668,328	90,968	SH	DFND	1	90,968	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	2,068,358	20,282	SH	DFND	1	20,282	0	0
ADVANCED MICRO DEVICES	COM	007903107	103,266,812	572,147	SH	DFND	1	572,147	0	0
ADVANSIX INC	COM	00773T101	403,374	14,104	SH	DFND	1	14,104	0	0
ADVANTAGE SOLUTIONS INC	CL A	00791N102	185,393	42,816	SH	DFND	1	42,816	0	0
AECOM	COM	00766T100	17,659,696	180,054	SH	DFND	1	180,054	0	0
AEHR TEST SYSTEMS	COM	00760J108	168,851	13,617	SH	DFND	1	13,617	0	0
AERCAP HOLDINGS NV	NV SHS	N00985106	2,968,498	34,156	SH	DFND	1	34,156	0	0
AEROVATE THERAPEUTICS INC	COM	008064107	162,901	5,509	SH	DFND	1	5,509	0	0
AEROVIRONMENT INC	COM	008073108	2,240,494	14,617	SH	DFND	1	14,617	0	0
AERSALE CORP	COM	00810F106	119,224	16,605	SH	DFND	1	16,605	0	0
AES CORP	COM	00130H105	3,201,437	178,552	SH	DFND	1	178,552	0	0
AEVA TECHNOLOGIES INC	COM	00835Q202	31,275	7,958	SH	DFND	1	7,958	0	0
AFC GAMMA INC	COM	00109K105	100,006	8,078	SH	DFND	1	8,078	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	7,494,283	44,750	SH	DFND	1	44,750	0	0
AFFIRM HOLDINGS INC	CL A	00827B106	69,080	1,854	SH	DFND	1	1,854	0	0
AFLAC INC	COM	001055102	12,259,778	142,788	SH	DFND	1	142,788	0	0
AGCO CORP	COM	001084102	10,121,101	82,272	SH	DFND	1	82,272	0	0
AGENUS INC	COM	00847G705	108,932	187,814	SH	DFND	1	187,814	0	0

AGILENT TECHNOLOGIES INC	COM	00846U101	11,442,470	78,637	SH	DFND	1	78,637	0	0
AGILITI INC	COM	00848J104	164,318	16,237	SH	DFND	1	16,237	0	0
AGILON HEALTH INC	COM	00857U107	27,944	4,581	SH	DFND	1	4,581	0	0
AGILYSYS INC	COM	00847J105	919,277	10,910	SH	DFND	1	10,910	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	800,445	27,375	SH	DFND	1	27,375	0	0
AGNC INVESTMENT CORP	COM	00123Q104	56,450	5,702	SH	DFND	1	5,702	0	0
AGREE REALTY CORP	COM	008492100	7,584,851	132,788	SH	DFND	1	132,788	0	0
AIR LEASE CORP	COM	00912X302	290,173	5,641	SH	DFND	1	5,641	0	0
AIR PRODUCTS AND CHEMICALS INC	COM	009158106	15,486,867	63,924	SH	DFND	1	63,924	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	349,284	25,384	SH	DFND	1	25,384	0	0
AIRBNB INC CLASS A	CL A	009066101	24,965,871	151,345	SH	DFND	1	151,345	0	0
AIRSCULPT TECHNOLOGIES INC	COM	009496100	37,258	6,068	SH	DFND	1	6,068	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	4,903,988	45,090	SH	DFND	1	45,090	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	766,035	30,326	SH	DFND	1	30,326	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	27,761	46,965	SH	DFND	1	46,965	0	0
AKOYA BIOSCIENCES INC	COM	00974H104	53,583	11,425	SH	DFND	1	11,425	0	0
ALAMO GROUP INC	COM	011311107	1,245,997	5,457	SH	DFND	1	5,457	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,880,234	25,945	SH	DFND	1	25,945	0	0
ALASKA AIR GROUP INC	COM	011659109	295,298	6,869	SH	DFND	1	6,869	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,578,262	16,878	SH	DFND	1	16,878	0	0
ALBEMARLE CORP	COM	012653101	4,042,705	30,687	SH	DFND	1	30,687	0	0
ALBERTSONS COS INC CLASS A	COM	013091103	80,057	3,734	SH	DFND	1	3,734	0	0
ALCOA CORP	COM	013872106	7,982,550	236,240	SH	DFND	1	236,240	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	75,053	22,952	SH	DFND	1	22,952	0	0
ALECTOR INC	COM	014442107	214,643	35,655	SH	DFND	1	35,655	0	0
ALERUS FINANCIAL CORP	COM	01446U103	192,824	8,833	SH	DFND	1	8,833	0	0
ALEXANDER AND BALDWIN INC	COM	014491104	644,471	39,130	SH	DFND	1	39,130	0	0
ALEXANDER S INC	COM	014752109	229,951	1,059	SH	DFND	1	1,059	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	5,325,659	41,313	SH	DFND	1	41,313	0	0
ALICO INC	COM	016230104	102,802	3,511	SH	DFND	1	3,511	0	0
ALIGHT INC CLASS A	CL A	01626W101	2,012,641	204,329	SH	DFND	1	204,329	0	0
ALIGN TECHNOLOGY INC	COM	016255101	6,458,384	19,695	SH	DFND	1	19,695	0	0
ALIGNMENT HEALTHCARE INC	COM	01625V104	208,042	41,944	SH	DFND	1	41,944	0	0
ALKAMI TECHNOLOGY INC	COM	01644J108	491,523	20,005	SH	DFND	1	20,005	0	0
ALKERMES PLC	COM	G01767105	2,423,171	89,515	SH	DFND	1	89,515	0	0
ALLAKOS INC	COM	01671P100	41,719	33,110	SH	DFND	1	33,110	0	0
ALLBIRDS INC CL A	CL A	01675A109	33,120	47,716	SH	DFND	1	47,716	0	0
ALLEGiant TRAVEL CO	COM	01748X102	636,201	8,459	SH	DFND	1	8,459	0	0
ALLEGION PLC	COM	G0176J109	3,228,325	23,965	SH	DFND	1	23,965	0	0

ALLEGRO MICROSYSTEMS INC	COM	01749D105	2,567,940	95,250	SH	DFND	1	95,250	0	0
ALLETE INC	COM	018522300	6,209,538	104,117	SH	DFND	1	104,117	0	0
ALLIANT ENERGY CORP	COM	018802108	3,363,343	66,733	SH	DFND	1	66,733	0	0
ALLIENT INC	COM	019330109	227,567	6,378	SH	DFND	1	6,378	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	65,577	808	SH	DFND	1	808	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	208,154	46,567	SH	DFND	1	46,567	0	0
ALLOVIR INC	COM	019818103	18,939	25,088	SH	DFND	1	25,088	0	0
ALLOVIR INC	COM	019818103	852	1,128,888	SH	DFND	2	1,128,888	0	0
ALLSTATE CORP	COM	020002101	11,876,790	68,648	SH	DFND	1	68,648	0	0
ALLY FINANCIAL INC	COM	02005N100	14,585,489	359,337	SH	DFND	1	359,337	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	281,414	1,883	SH	DFND	1	1,883	0	0
ALPHA AND OMEGA SEMICONDUCTOR	COM	G6331P104	275,368	12,494	SH	DFND	1	12,494	0	0
ALPHA METALLURGICAL RESOURCE	COM	020764106	2,067,825	6,244	SH	DFND	1	6,244	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	289,409,935	1,917,511	SH	DFND	1	1,917,511	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	227,267,235	1,492,626	SH	DFND	1	1,492,626	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	626,838	45,456	SH	DFND	1	45,456	0	0
ALPINE IMMUNE SCIENCES INC	COM	02083G100	751,138	18,949	SH	DFND	1	18,949	0	0
ALPINE INCOME PROPERTY TRUST	COM	02083X103	95,531	6,252	SH	DFND	1	6,252	0	0
ALTA EQUIPMENT GROUP INC	COM	02128L106	147,280	11,373	SH	DFND	1	11,373	0	0
ALTAIR ENGINEERING INC A	COM	021369103	2,331,564	27,064	SH	DFND	1	27,064	0	0
ALTI GLOBAL INC	CL A	02157E106	65,526	11,577	SH	DFND	1	11,577	0	0
ALTIMMUNE INC	COM	02155H200	270,381	26,560	SH	DFND	1	26,560	0	0
ALTRIA GROUP INC	COM	02209S103	19,482,960	446,652	SH	DFND	1	446,652	0	0
ALTUS POWER INC	CL A	02217A102	150,556	31,497	SH	DFND	1	31,497	0	0
ALX ONCOLOGY HOLDINGS INC	COM	00166B105	144,950	13,000	SH	DFND	1	13,000	0	0
AMALGAMATED FINANCIAL CORP	COM	022671101	209,184	8,716	SH	DFND	1	8,716	0	0
AMAZON.COM INC	COM	023135106	483,340,837	2,679,570	SH	DFND	1	2,679,570	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	373,760	23,913	SH	DFND	1	23,913	0	0
AMBARELLA INC	COM	G037AX101	965,341	19,014	SH	DFND	1	19,014	0	0
AMC ENTERTAINMENT HLDS CL A	CL A	00165C302	7,544	2,028	SH	DFND	1	2,028	0	0
AMC NETWORKS INC A	COM	00164V103	201,916	16,646	SH	DFND	1	16,646	0	0
AMCOR PLC	COM	G0250X107	3,594,285	377,948	SH	DFND	1	377,948	0	0
AMDOCS LTD	COM	G02602103	85,671	948	SH	DFND	1	948	0	0
AMEDISYS INC	COM	023436108	3,980,575	43,192	SH	DFND	1	43,192	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	242,191	5,071	SH	DFND	1	5,071	0	0
AMERANT BANCORP INC	COM	023576101	296,389	12,726	SH	DFND	1	12,726	0	0
AMEREN CORPORATION	COM	023608102	5,085,194	68,756	SH	DFND	1	68,756	0	0
AMERESCO INC CL A	CL A	02361E108	382,629	15,857	SH	DFND	1	15,857	0	0
AMERICA S CAR MART INC	COM	03062T105	184,712	2,892	SH	DFND	1	2,892	0	0

AMERICAN AIRLINES GROUP INC	COM	02376R102	2,657,085	173,100	SH	DFND	1	173,100	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	576,868	26,329	SH	DFND	1	26,329	0	0
AMERICAN AXLE AND MFG HOLDINGS	COM	024061103	454,303	61,726	SH	DFND	1	61,726	0	0
AMERICAN COASTAL INSURANCE C	COM	910710102	104,826	9,806	SH	DFND	1	9,806	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	2,546,195	98,728	SH	DFND	1	98,728	0	0
AMERICAN ELECTRIC POWER	COM	025537101	14,573,803	169,266	SH	DFND	1	169,266	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	2,342,687	41,670	SH	DFND	1	41,670	0	0
AMERICAN EXPRESS CO	COM	025816109	42,514,504	186,721	SH	DFND	1	186,721	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	11,792,691	86,406	SH	DFND	1	86,406	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	15,489,198	421,131	SH	DFND	1	421,131	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	13,899,642	177,813	SH	DFND	1	177,813	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	13,189	736	SH	DFND	1	736	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	182,387	15,929	SH	DFND	1	15,929	0	0
AMERICAN STATES WATER CO	COM	029899101	1,444,222	19,992	SH	DFND	1	19,992	0	0
AMERICAN TOWER CORP	COM	03027X100	26,387,947	133,549	SH	DFND	1	133,549	0	0
AMERICAN VANGUARD CORP	COM	030371108	168,350	13,000	SH	DFND	1	13,000	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	6,223,055	50,921	SH	DFND	1	50,921	0	0
AMERICAN WELL CORP CLASS A	CL A	03044L105	100,639	124,138	SH	DFND	1	124,138	0	0
AMERICAN WOODMARK CORP	COM	030506109	879,969	8,656	SH	DFND	1	8,656	0	0
AMERICOLD REALTY TRUST INC	COM	03064D108	58,188	2,335	SH	DFND	1	2,335	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	13,228,612	30,172	SH	DFND	1	30,172	0	0
AMERIS BANCORP	COM	03076K108	1,724,505	35,645	SH	DFND	1	35,645	0	0
AMERISAFE INC	COM	03071H100	516,350	10,292	SH	DFND	1	10,292	0	0
AMES NATIONAL CORP	COM	031001100	85,644	4,244	SH	DFND	1	4,244	0	0
AMETEK INC	COM	031100100	11,234,815	61,426	SH	DFND	1	61,426	0	0
AMGEN INC	COM	031162100	53,799,315	189,221	SH	DFND	1	189,221	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,684,941	143,034	SH	DFND	1	143,034	0	0
AMKOR TECHNOLOGY INC	COM	031652100	6,167,351	191,295	SH	DFND	1	191,295	0	0
AMMO INC	COM	00175J107	122,257	44,457	SH	DFND	1	44,457	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	1,284,268	20,545	SH	DFND	1	20,545	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	364,061	60,076	SH	DFND	1	60,076	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	893,437	20,347	SH	DFND	1	20,347	0	0
AMPHENOL CORP CL A	CL A	032095101	22,593,028	195,865	SH	DFND	1	195,865	0	0
AMPLIFY ENERGY CORP	COM	03212B103	118,180	17,879	SH	DFND	1	17,879	0	0
AMPLITUDE INC CLASS A	CL A	03213A104	368,745	33,892	SH	DFND	1	33,892	0	0
AMPRIUS TECHNOLOGIES INC	COM	03214Q108	7,306	2,757	SH	DFND	1	2,757	0	0

AMYLYX PHARMACEUTICALS INC	COM	03237H101	71,088	25,031	SH	DFND	1	25,031	0	0
ANALOG DEVICES INC	COM	032654105	34,417,438	174,010	SH	DFND	1	174,010	0	0
ANAPTYSBIO INC	COM	032724106	207,905	9,232	SH	DFND	1	9,232	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	181,326	35,624	SH	DFND	1	35,624	0	0
ANDERSONS INC/THE	COM	034164103	994,394	17,333	SH	DFND	1	17,333	0	0
ANGEL OAK MORTGAGE REIT INC	COM	03464Y108	62,571	5,826	SH	DFND	1	5,826	0	0
ANGIODYNAMICS INC	COM	03475V101	110,873	18,888	SH	DFND	1	18,888	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	549,307	7,946	SH	DFND	1	7,946	0	0
ANIKA THERAPEUTICS INC	COM	035255108	183,236	7,214	SH	DFND	1	7,214	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710839	13,033,992	661,960	SH	DFND	1	661,960	0	0
ANNEXON INC	COM	03589W102	238,022	33,197	SH	DFND	1	33,197	0	0
ANSYS INC	COM	03662Q105	11,485,789	33,085	SH	DFND	1	33,085	0	0
ANTERIX INC	COM	03676C100	213,222	6,344	SH	DFND	1	6,344	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	6,352,210	451,793	SH	DFND	1	451,793	0	0
ANTERO RESOURCES CORP	COM	03674X106	10,844,985	373,965	SH	DFND	1	373,965	0	0
ANYWHERE REAL ESTATE INC	COM	75605Y106	360,226	58,289	SH	DFND	1	58,289	0	0
AON PLC CLASS A	CL A	G0403H108	20,049,564	60,079	SH	DFND	1	60,079	0	0
APA CORP	COM	03743Q108	3,428,958	99,737	SH	DFND	1	99,737	0	0
APARTMENT INCOME REIT CO	COM	03750L109	6,210,569	191,271	SH	DFND	1	191,271	0	0
APARTMENT INVT AND MGMT CO A	COM	03748R747	582,391	71,110	SH	DFND	1	71,110	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	99,044	1,685	SH	DFND	1	1,685	0	0
API GROUP CORP	COM	00187Y100	4,051,604	103,173	SH	DFND	1	103,173	0	0
APOGEE ENTERPRISES INC	COM	037598109	705,782	11,922	SH	DFND	1	11,922	0	0
APOGEE THERAPEUTICS INC	COM	03770N101	1,354,982	20,391	SH	DFND	1	20,391	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	847,565	76,083	SH	DFND	1	76,083	0	0
APOLLO GLOBAL MANAGEMENT INC	COM	03769M106	978,990	8,706	SH	DFND	1	8,706	0	0
APPFOLIO INC A	COM	03783C100	6,636,265	26,896	SH	DFND	1	26,896	0	0
APPFOLIO INC A	COM	03783C100	2,336,875	9,471	SH	DFND	1	9,471	0	0
APPIAN CORP A	COM	03782L101	808,308	20,233	SH	DFND	1	20,233	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	1,903,651	116,218	SH	DFND	1	116,218	0	0
APPLE INC	COM	037833100	724,863,965	4,227,105	SH	DFND	1	4,227,105	0	0
APPLIED DIGITAL CORP	COM	038169207	184,190	43,035	SH	DFND	1	43,035	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	13,808,943	69,901	SH	DFND	1	69,901	0	0
APPLIED MATERIALS INC	COM	038222105	62,919,536	305,094	SH	DFND	1	305,094	0	0
APPLOVIN CORP CLASS A	CL A	03831W108	144,670	2,090	SH	DFND	1	2,090	0	0
APTARGROUP INC	COM	038336103	12,573,252	87,381	SH	DFND	1	87,381	0	0
APTIV PLC	COM	G6095L109	6,110,429	76,716	SH	DFND	1	76,716	0	0
ARAMARK	COM	03852U106	11,297,253	347,394	SH	DFND	1	347,394	0	0
ARBOR REALTY TRUST INC	COM	038923108	1,318,759	99,529	SH	DFND	1	99,529	0	0

ARBUTUS BIOPHARMA CORP	COM	03879J100	161,093	62,439	SH	DFND	1	62,439	0	0
ARCADIUM LITHIUM PLC	COM	G0508H110	8,020,561	1,860,919	SH	DFND	1	1,860,919	0	0
ARCBEST CORP	COM	03937C105	1,829,130	12,836	SH	DFND	1	12,836	0	0
ARCELLX INC	COM	03940C100	1,314,773	18,904	SH	DFND	1	18,904	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	9,330,986	100,941	SH	DFND	1	100,941	0	0
ARCH RESOURCES INC	CL A	03940R107	1,564,326	9,729	SH	DFND	1	9,729	0	0
ARCHER AVIATION INC A	CL A	03945R102	347,433	75,202	SH	DFND	1	75,202	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	10,670,979	169,893	SH	DFND	1	169,893	0	0
ARCHROCK INC	COM	03957W106	1,473,971	74,935	SH	DFND	1	74,935	0	0
ARCOSA INC	COM	039653100	2,248,673	26,190	SH	DFND	1	26,190	0	0
ARCTURUS THERAPEUTICS HOLDIN	COM	03969T109	388,051	11,491	SH	DFND	1	11,491	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	547,784	29,014	SH	DFND	1	29,014	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	386,252	38,976	SH	DFND	1	38,976	0	0
ARDAGH METAL PACKAGING SA	CL A	L02235106	7,916	2,308	SH	DFND	1	2,308	0	0
ARDELYX INC	COM	039697107	829,441	113,622	SH	DFND	1	113,622	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	337,940	20,581	SH	DFND	1	20,581	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	190,914	25,626	SH	DFND	1	25,626	0	0
ARES MANAGEMENT CORP A	COM	03990B101	370,748	2,788	SH	DFND	1	2,788	0	0
ARGAN INC	COM	04010E109	315,723	6,247	SH	DFND	1	6,247	0	0
ARIS WATER SOLUTIONS INC A	CL A	04041L106	208,472	14,733	SH	DFND	1	14,733	0	0
ARISTA NETWORKS INC	COM	040413106	21,316,430	73,510	SH	DFND	1	73,510	0	0
ARKO CORP	COM	041242108	224,808	39,440	SH	DFND	1	39,440	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	613,753	48,518	SH	DFND	1	48,518	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	378,009	36,347	SH	DFND	1	36,347	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315705	524,202	26,515	SH	DFND	1	26,515	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	312,786	2,518	SH	DFND	1	2,518	0	0
ARRAY TECHNOLOGIES INC	COM	04271T100	1,113,747	74,698	SH	DFND	1	74,698	0	0
ARRIVENT BIOPHARMA INC	COM	04272N102	86,532	4,845	SH	DFND	1	4,845	0	0
ARROW ELECTRONICS INC	COM	042735100	9,221,565	71,231	SH	DFND	1	71,231	0	0
ARROW FINANCIAL CORP	COM	042744102	181,795	7,266	SH	DFND	1	7,266	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	6,298,206	220,217	SH	DFND	1	220,217	0	0
ARS PHARMACEUTICALS INC	COM	82835W108	123,652	12,099	SH	DFND	1	12,099	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	167,403	4,511	SH	DFND	1	4,511	0	0
ARTHUR J GALLAGHER AND CO	COM	363576109	17,393,533	69,563	SH	DFND	1	69,563	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	1,532,425	33,481	SH	DFND	1	33,481	0	0
ARTIVION INC	COM	228903100	449,058	21,222	SH	DFND	1	21,222	0	0
ARVINAS INC	COM	04335A105	1,026,097	24,857	SH	DFND	1	24,857	0	0

ASANA INC CL A	CL A	04342Y104	634,037	40,932	SH	DFND	1	40,932	0	0
ASBURY AUTOMOTIVE GROUP	COM	043436104	2,632,955	11,167	SH	DFND	1	11,167	0	0
ASGN INC	COM	00191U102	8,886,791	84,830	SH	DFND	1	84,830	0	0
ASHLAND INC	COM	044186104	6,456,605	66,310	SH	DFND	1	66,310	0	0
ASML HOLDING NV NY REG SHS	ADR	N07059210	5,746,153	5,921	SH	DFND	1	5,921	0	0
ASPEN AEROGELS INC	COM	04523Y105	443,291	25,187	SH	DFND	1	25,187	0	0
ASPEN TECHNOLOGY INC	COM	29109X106	7,893,066	37,008	SH	DFND	1	37,008	0	0
ASSERTIO HOLDINGS INC	COM	04546C205	43,047	44,873	SH	DFND	1	44,873	0	0
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	383,738	10,837	SH	DFND	1	10,837	0	0
ASSOCIATED BANC CORP	COM	045487105	5,814,626	270,322	SH	DFND	1	270,322	0	0
ASSURANT INC	COM	04621X108	2,558,558	13,592	SH	DFND	1	13,592	0	0
ASSURED GUARANTY LTD	COM	G0585R106	259,394	2,973	SH	DFND	1	2,973	0	0
AST SPACEMOBILE INC	CL A	00217D100	163,928	56,527	SH	DFND	1	56,527	0	0
ASTEC INDUSTRIES INC	COM	046224101	536,059	12,264	SH	DFND	1	12,264	0	0
ASTRANA HEALTH INC	COM	03763A207	980,047	23,340	SH	DFND	1	23,340	0	0
ASTRAZENECA PLC SPONS ADR	SPON ADR	046353108	2,704,445	39,918	SH	DFND	1	39,918	0	0
ASTRIA THERAPEUTICS INC	COM	04635X102	345,752	24,565	SH	DFND	1	24,565	0	0
ASTRONICS CORP	COM	046433108	260,124	13,662	SH	DFND	1	13,662	0	0
ASURE SOFTWARE INC	COM	04649U102	87,696	11,272	SH	DFND	1	11,272	0	0
AT AND T INC	COM	00206R102	35,443,514	2,013,836	SH	DFND	1	2,013,836	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	33,125	47,731	SH	DFND	1	47,731	0	0
ATEA PHARMACEUTICALS INC	COM	04683R106	152,627	37,779	SH	DFND	1	37,779	0	0
ATI INC	COM	01741R102	3,557,748	69,528	SH	DFND	1	69,528	0	0
ATI PHYSICAL THERAPY INC	CL A	00216W208	11	2	SH	DFND	1	2	0	0
ATKORE INC	COM	047649108	3,496,152	18,366	SH	DFND	1	18,366	0	0
ATLANTA BRAVES HOLDINGS IN A	COM SER A	047726104	207,405	4,950	SH	DFND	1	4,950	0	0
ATLANTA BRAVES HOLDINGS IN C	COM SER C	047726302	877,170	22,457	SH	DFND	1	22,457	0	0
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,430,902	40,524	SH	DFND	1	40,524	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	67,584	2,284	SH	DFND	1	2,284	0	0
ATLAS ENERGY SOLUTIONS INC	COM	642045108	198,445	8,773	SH	DFND	1	8,773	0	0
ATLISSIAN CORP CL A	CL A	049468101	2,104,847	10,788	SH	DFND	1	10,788	0	0
ATMOS ENERGY CORP	COM	049560105	4,688,946	39,446	SH	DFND	1	39,446	0	0
ATMUS FILTRATION TECHNOLOGIE	COM	04956D107	1,338,762	41,512	SH	DFND	1	41,512	0	0
ATN INTERNATIONAL INC	COM	00215F107	182,036	5,778	SH	DFND	1	5,778	0	0
ATOMERA INC	COM	04965B100	67,988	11,037	SH	DFND	1	11,037	0	0
ATRICURE INC	COM	04963C209	698,413	22,959	SH	DFND	1	22,959	0	0
ATRION CORPORATION	COM	049904105	313,823	677	SH	DFND	1	677	0	0
AURA BIOSCIENCES INC	COM	05153U107	137,995	17,579	SH	DFND	1	17,579	0	0
AURINIA PHARMACEUTICALS INC	COM	05156V102	334,357	66,738	SH	DFND	1	66,738	0	0
AURORA INNOVATION	CL A	051774107	496,447	176,045	SH	DFND	1	176,045	0	0

INC										
AUTODESK INC	COM	052769106	21,198,188	81,400	SH	DFND	1	81,400	0	0
AUTOHOME INC ADR	ADR	05278C107	20,242	772	SH	DFND	1	772	0	0
AUTOLIV INC	COM	052800109	11,652,325	96,756	SH	DFND	1	96,756	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	39,855,008	159,586	SH	DFND	1	159,586	0	0
AUTONATION INC	COM	05329W102	5,688,335	34,354	SH	DFND	1	34,354	0	0
AUTOZONE INC	COM	053332102	15,928,439	5,054	SH	DFND	1	5,054	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	6,883,719	37,097	SH	DFND	1	37,097	0	0
AVANGRID INC	COM	05351W103	21,317	585	SH	DFND	1	585	0	0
AVANOS MEDICAL INC	COM	05350V106	496,954	24,960	SH	DFND	1	24,960	0	0
AVANTOR INC	COM	05352A100	142,118	5,558	SH	DFND	1	5,558	0	0
AVEANNA HEALTHCARE HOLDINGS	COM	05356F105	62,148	24,959	SH	DFND	1	24,959	0	0
AVEPOINT INC	CL A	053604104	579,910	73,221	SH	DFND	1	73,221	0	0
AVERY DENNISON CORP	COM	053611109	4,751,876	21,285	SH	DFND	1	21,285	0	0
AVIAT NETWORKS INC	COM	05366Y201	215,164	5,612	SH	DFND	1	5,612	0	0
AVID BIOSERVICES INC	COM	05368M106	207,184	30,923	SH	DFND	1	30,923	0	0
AVIDITY BIOSCIENCES INC	COM	05370A108	930,332	36,455	SH	DFND	1	36,455	0	0
AVIDXCHANGE HOLDINGS INC	COM	05368X102	978,768	74,431	SH	DFND	1	74,431	0	0
AVIENT CORP	COM	05368V106	7,140,211	164,521	SH	DFND	1	164,521	0	0
AVIS BUDGET GROUP INC	COM	053774105	3,001,250	24,508	SH	DFND	1	24,508	0	0
AVISTA CORP	COM	05379B107	1,464,852	41,829	SH	DFND	1	41,829	0	0
AVITA MEDICAL INC	COM	05380C102	198,596	12,389	SH	DFND	1	12,389	0	0
AVNET INC	COM	053807103	5,930,710	119,619	SH	DFND	1	119,619	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	10,025,923	291,536	SH	DFND	1	291,536	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	1,961,748	17,591	SH	DFND	1	17,591	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	41,613	640	SH	DFND	1	640	0	0
AXOGEN INC	COM	05463X106	163,401	20,248	SH	DFND	1	20,248	0	0
AXON ENTERPRISE INC	COM	05464C101	6,162,797	19,697	SH	DFND	1	19,697	0	0
AXONICS INC	COM	05465P101	1,691,144	24,520	SH	DFND	1	24,520	0	0
AXOS FINANCIAL INC	COM	05465C100	1,585,534	29,340	SH	DFND	1	29,340	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	1,402,086	17,570	SH	DFND	1	17,570	0	0
AZEK CO INC/THE	CL A	05478C105	59,410	1,183	SH	DFND	1	1,183	0	0
AZENTA INC	COM	114340102	4,449,267	73,810	SH	DFND	1	73,810	0	0
AZZ INC	COM	002474104	1,035,954	13,400	SH	DFND	1	13,400	0	0
B. RILEY FINANCIAL INC	COM	05580M108	229,377	10,835	SH	DFND	1	10,835	0	0
B AND G FOODS INC	COM	05508R106	480,308	41,985	SH	DFND	1	41,985	0	0
BABCOCK AND WILCOX ENTERPR	COM	05614L209	32,751	28,983	SH	DFND	1	28,983	0	0
BADGER METER INC	COM	056525108	2,567,925	15,870	SH	DFND	1	15,870	0	0
BAKER HUGHES CO	COM	05722G100	11,066,591	330,346	SH	DFND	1	330,346	0	0
BAKKT HOLDINGS INC	CL A	05759B107	16,134	35,089	SH	DFND	1	35,089	0	0
BALCHEM CORP	COM	057665200	2,676,296	17,272	SH	DFND	1	17,272	0	0
BALL CORP	COM	058498106	6,147,678	91,266	SH	DFND	1	91,266	0	0
BALLY S CORP	COM	05875B106	202,688	14,540	SH	DFND	1	14,540	0	0
BANC OF CALIFORNIA INC	COM	05990K106	1,126,985	74,095	SH	DFND	1	74,095	0	0

BANCFIRST CORP	COM	05945F103	1,015,778	11,539	SH	DFND	1	11,539	0	0
BANCORP INC/THE	COM	05969A105	931,627	27,843	SH	DFND	1	27,843	0	0
BANDWIDTH INC CLASS A	COM	05988J103	210,940	11,552	SH	DFND	1	11,552	0	0
BANK FIRST CORP	COM	06211J100	398,855	4,602	SH	DFND	1	4,602	0	0
BANK OF AMERICA CORP	COM	060505104	66,126,034	1,743,830	SH	DFND	1	1,743,830	0	0
BANK OF HAWAII CORP	COM	062540109	1,321,795	21,186	SH	DFND	1	21,186	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	130,085	7,757	SH	DFND	1	7,757	0	0
BANK OF N.T. BUTTERFIELD AND SON	COM	G0772R208	765,713	23,936	SH	DFND	1	23,936	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	12,535,001	217,546	SH	DFND	1	217,546	0	0
BANK OZK	COM	06417N103	6,331,942	139,286	SH	DFND	1	139,286	0	0
BANK7 CORP	COM	06652N107	51,888	1,840	SH	DFND	1	1,840	0	0
BANKUNITED INC	COM	06652K103	1,123,836	40,137	SH	DFND	1	40,137	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	75,252	2,901	SH	DFND	1	2,901	0	0
BANNER CORPORATION	COM	06652V208	886,896	18,477	SH	DFND	1	18,477	0	0
BAR HARBOR BANKSHARES	COM	066849100	194,946	7,362	SH	DFND	1	7,362	0	0
BARK INC	COM	68622E104	81,554	65,769	SH	DFND	1	65,769	0	0
BARNES GROUP INC	COM	067806109	984,698	26,506	SH	DFND	1	26,506	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	406,518	3,208	SH	DFND	1	3,208	0	0
BATH AND BODY WORKS INC	COM	070830104	2,955,632	59,089	SH	DFND	1	59,089	0	0
BAXTER INTERNATIONAL INC	COM	071813109	5,675,359	132,788	SH	DFND	1	132,788	0	0
BAYCOM CORP	COM	07272M107	111,109	5,391	SH	DFND	1	5,391	0	0
BCB BANCORP INC	COM	055298103	77,664	7,432	SH	DFND	1	7,432	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	3,057,342	31,191	SH	DFND	1	31,191	0	0
BEAM THERAPEUTICS INC	COM	07373V105	1,214,550	36,760	SH	DFND	1	36,760	0	0
BEAUTY HEALTH CO/THE	CL A	88331L108	177,205	39,911	SH	DFND	1	39,911	0	0
BEAZER HOMES USA INC	COM	07556Q881	476,617	14,531	SH	DFND	1	14,531	0	0
BECTON DICKINSON AND CO	COM	075887109	18,106,659	73,173	SH	DFND	1	73,173	0	0
BEIGENE LTD ADR	SPON ADR	07725L102	109,473	700	SH	DFND	1	700	0	0
BEL FUSE INC CL B	CL B	077347300	311,139	5,159	SH	DFND	1	5,159	0	0
BELDEN INC	COM	077454106	6,980,849	75,379	SH	DFND	1	75,379	0	0
BELLRING BRANDS INC	COM	07831C103	14,011,597	237,364	SH	DFND	1	237,364	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	573,071	19,096	SH	DFND	1	19,096	0	0
BENSON HILL INC	COM	082490103	17,116	85,369	SH	DFND	1	85,369	0	0
BENTLEY SYSTEMS INC CLASS B	CL B	08265T208	163,188	3,125	SH	DFND	1	3,125	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	193,788,232	460,830	SH	DFND	1	460,830	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	536,809	23,421	SH	DFND	1	23,421	0	0
BERRY CORP	COM	08579X101	299,130	37,159	SH	DFND	1	37,159	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	9,278,721	153,418	SH	DFND	1	153,418	0	0
BEST BUY CO INC	COM	086516101	4,131,277	50,363	SH	DFND	1	50,363	0	0
BEYOND AIR INC	COM	08862L103	26,069	14,982	SH	DFND	1	14,982	0	0
BEYOND INC	COM	690370101	798,638	22,240	SH	DFND	1	22,240	0	0

BEYOND MEAT INC	COM	08862E109	241,975	29,224	SH	DFND	1	29,224	0	0
BGC GROUP INC A	CL A	088929104	1,511,420	194,520	SH	DFND	1	194,520	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	37,308	10,599	SH	DFND	1	10,599	0	0
BIG LOTS INC	COM	089302103	60,754	14,031	SH	DFND	1	14,031	0	0
BIGBEAR.AI HOLDINGS INC	COM	08975B109	52,355	25,539	SH	DFND	1	25,539	0	0
BIGCOMMERCE HOLDINGS SER I	COM SER 1	08975P108	233,006	33,818	SH	DFND	1	33,818	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	69,044	364	SH	DFND	1	364	0	0
BILL HOLDINGS INC	COM	090043100	58,068	845	SH	DFND	1	845	0	0
BIO RAD LABORATORIES A	COM	090572207	1,891,909	5,470	SH	DFND	1	5,470	0	0
BIO TECHNE CORP	COM	09073M104	2,979,961	42,335	SH	DFND	1	42,335	0	0
BIOATLA INC	COM	09077B104	74,989	21,799	SH	DFND	1	21,799	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	474,548	93,415	SH	DFND	1	93,415	0	0
BIOGEN INC	COM	09062X103	10,657,728	49,426	SH	DFND	1	49,426	0	0
BIOHAVEN LTD	COM	G1110E107	1,843,928	33,716	SH	DFND	1	33,716	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	354,769	19,125	SH	DFND	1	19,125	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	150,924	1,728	SH	DFND	1	1,728	0	0
BIOMEA FUSION INC	COM	09077A106	146,375	9,791	SH	DFND	1	9,791	0	0
BIOTE CORP A	CL A	090683103	40,020	6,900	SH	DFND	1	6,900	0	0
BIOVIE INC	CL A	09074F207	3,412	6,454	SH	DFND	1	6,454	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	29,088	10,315	SH	DFND	1	10,315	0	0
BIRKENSTOCK HOLDING PLC	COM	M2029K104	12,663	268	SH	DFND	1	268	0	0
BIT DIGITAL INC	INC SHS	G1144A105	128,108	44,637	SH	DFND	1	44,637	0	0
BJ S RESTAURANTS INC	COM	09180C106	439,913	12,159	SH	DFND	1	12,159	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	13,385,814	176,944	SH	DFND	1	176,944	0	0
BLACK HILLS CORP	COM	092113109	6,724,645	123,162	SH	DFND	1	123,162	0	0
BLACKBAUD INC	COM	09227Q100	5,689,281	76,737	SH	DFND	1	76,737	0	0
BLACKLINE INC	COM	09239B109	1,965,815	30,440	SH	DFND	1	30,440	0	0
BLACKROCK INC	COM	09247X101	36,282,624	43,520	SH	DFND	1	43,520	0	0
BLACKSKY TECHNOLOGY INC	CL A	09263B108	81,361	59,824	SH	DFND	1	59,824	0	0
BLACKSTONE INC	COM	09260D107	24,595,617	187,224	SH	DFND	1	187,224	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	1,851,192	92,978	SH	DFND	1	92,978	0	0
BLADE AIR MOBILITY INC	CL A	092667104	84,562	29,671	SH	DFND	1	29,671	0	0
BLINK CHARGING CO	COM	09354A100	83,524	27,749	SH	DFND	1	27,749	0	0
BLOCK INC	CL A	852234103	530,993	6,278	SH	DFND	1	6,278	0	0
BLOOM ENERGY CORP A	COM	093712107	1,067,789	94,999	SH	DFND	1	94,999	0	0
BLOOMIN BRANDS INC	COM	094235108	1,355,101	47,249	SH	DFND	1	47,249	0	0
BLUE BIRD CORP	COM	095306106	528,402	13,782	SH	DFND	1	13,782	0	0
BLUE FOUNDRY BANCORP	COM	09549B104	100,948	10,785	SH	DFND	1	10,785	0	0
BLUE OWL CAPITAL INC	CL A	09581B103	81,570	4,325	SH	DFND	1	4,325	0	0
BLUE RIDGE BANKSHARES INC	COM	095825105	23,653	8,793	SH	DFND	1	8,793	0	0
BLUEBIRD BIO INC	COM	09609G100	120,795	94,371	SH	DFND	1	94,371	0	0
BLUELINX HOLDINGS INC	COM	09624H208	543,361	4,172	SH	DFND	1	4,172	0	0

BLUEPRINT MEDICINES CORP	COM	09627Y109	2,843,049	29,971	SH	DFND	1	29,971	0	0
BOEING CO/THE	COM	097023105	28,506,746	147,711	SH	DFND	1	147,711	0	0
BOISE CASCADE CO	COM	09739D100	3,285,952	21,425	SH	DFND	1	21,425	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	20,976	228	SH	DFND	1	228	0	0
BOOKING HOLDINGS INC	COM	09857L108	48,838,521	13,462	SH	DFND	1	13,462	0	0
BOOT BARN HOLDINGS INC	COM	099406100	1,551,706	16,308	SH	DFND	1	16,308	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	317,365	2,138	SH	DFND	1	2,138	0	0
BORGWARNER INC	COM	099724106	2,088,569	60,120	SH	DFND	1	60,120	0	0
BORR DRILLING LTD	LTD SHS	G1466R173	742,430	108,384	SH	DFND	1	108,384	0	0
BOSTON BEER COMPANY INC A	COM	100557107	3,814,687	12,531	SH	DFND	1	12,531	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	178,841	11,568	SH	DFND	1	11,568	0	0
BOSTON PROPERTIES INC	COM	101121101	2,472,767	37,862	SH	DFND	1	37,862	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	29,871,023	436,137	SH	DFND	1	436,137	0	0
BOWLERO CORP CLASS A	CL A	10258P102	111,984	8,174	SH	DFND	1	8,174	0	0
BOWMAN CONSULTING GROUP LTD	COM	103002101	185,118	5,321	SH	DFND	1	5,321	0	0
BOX INC CLASS A	COM	10316T104	2,157,559	76,185	SH	DFND	1	76,185	0	0
BOYD GAMING CORP	COM	103304101	6,192,296	91,983	SH	DFND	1	91,983	0	0
BRADY CORPORATION CL A	CL A	104674106	123,125	2,077	SH	DFND	1	2,077	0	0
BRAEMAR HOTELS AND RESORTS INC	COM	10482B101	64,668	32,334	SH	DFND	1	32,334	0	0
BRANDYWINE REALTY TRUST	COM	105368203	441,134	91,903	SH	DFND	1	91,903	0	0
BRAZE INC A	CL A	10576N102	1,168,147	26,369	SH	DFND	1	26,369	0	0
BRC INC A	CL A	05601U105	86,259	20,154	SH	DFND	1	20,154	0	0
BREAD FINANCIAL HOLDINGS INC	COM	018581108	997,660	26,790	SH	DFND	1	26,790	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	1,777,622	57,491	SH	DFND	1	57,491	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	117,308	10,078	SH	DFND	1	10,078	0	0
BRIGHT GREEN CORP	COM	10920G100	8,859	36,365	SH	DFND	1	36,365	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	60,421	533	SH	DFND	1	533	0	0
BRIGHTCOVE	COM	10921T101	41,733	21,512	SH	DFND	1	21,512	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	4,382,859	85,038	SH	DFND	1	85,038	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	401,093	17,561	SH	DFND	1	17,561	0	0
BRIGHTSPIRE CAPITAL INC	CL A	10949T109	437,715	63,529	SH	DFND	1	63,529	0	0
BRIGHTSPRING HEALTH SERVICES	COM	10950A106	288,935	26,581	SH	DFND	1	26,581	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	242,677	20,393	SH	DFND	1	20,393	0	0
BRINK S CO/THE	COM	109696104	7,511,141	81,307	SH	DFND	1	81,307	0	0
BRINKER INTERNATIONAL INC	COM	109641100	1,176,522	23,682	SH	DFND	1	23,682	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	27,948,298	515,366	SH	DFND	1	515,366	0	0
BRISTOW GROUP INC	COM	11040G103	347,072	12,760	SH	DFND	1	12,760	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	9,330,544	397,891	SH	DFND	1	397,891	0	0

BROADCOM INC	COM	11135F101	209,800,474	158,291	SH	DFND	1	158,291	0	0
BROADRIDGE FINANCIAL SOLUTIONS INC	COM	11133T103	6,611,652	32,274	SH	DFND	1	32,274	0	0
BROADSTONE NET LEASE INC	COM	11135E203	1,452,922	92,720	SH	DFND	1	92,720	0	0
BROOKDALE SENIOR LIVING INC	COM	112463104	607,433	91,896	SH	DFND	1	91,896	0	0
BROOKFIELD BUSINESS CL A	CL A	11259V106	309,330	12,814	SH	DFND	1	12,814	0	0
BROOKFIELD INFRASTRUCTURE A	CL A	11275Q107	2,130,721	59,121	SH	DFND	1	59,121	0	0
BROOKFIELD RENEWABLE CORP A	CL A SUB VTG	11284V105	26,953	1,097	SH	DFND	1	1,097	0	0
BROOKLINE BANCORP INC	COM	11373M107	469,863	47,175	SH	DFND	1	47,175	0	0
BROWN AND BROWN INC	COM	115236101	5,633,287	64,351	SH	DFND	1	64,351	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	38,706	731	SH	DFND	1	731	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	2,504,293	48,514	SH	DFND	1	48,514	0	0
BRP GROUP INC A	COM CL A	05589G102	859,315	29,693	SH	DFND	1	29,693	0	0
BRT APARTMENTS CORP	COM	055645303	95,945	5,711	SH	DFND	1	5,711	0	0
BRUKER CORP	COM	116794108	11,616,714	123,661	SH	DFND	1	123,661	0	0
BRUNSWICK CORP	COM	117043109	8,796,061	91,132	SH	DFND	1	91,132	0	0
BUCKLE INC/THE	COM	118440106	661,113	16,417	SH	DFND	1	16,417	0	0
BUILD A BEAR WORKSHOP INC	COM	120076104	190,690	6,384	SH	DFND	1	6,384	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	6,973,078	33,436	SH	DFND	1	33,436	0	0
BUMBLE INC A	CL A	12047B105	566,388	49,902	SH	DFND	1	49,902	0	0
BUNGE GLOBAL SA	COM	H11356104	3,894,735	37,990	SH	DFND	1	37,990	0	0
BURKE AND HERBERT FINANCIAL SE	COM	12135Y108	177,727	3,172	SH	DFND	1	3,172	0	0
BURLINGTON STORES INC	COM	122017106	19,780,266	85,190	SH	DFND	1	85,190	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	263,617	11,832	SH	DFND	1	11,832	0	0
BUTTERFLY NETWORK INC	CL A	124155102	75,420	69,833	SH	DFND	1	69,833	0	0
BWX TECHNOLOGIES INC	COM	05605H100	12,444,317	121,266	SH	DFND	1	121,266	0	0
BYLINE BANCORP INC	COM	124411109	265,179	12,209	SH	DFND	1	12,209	0	0
C AND F FINANCIAL CORP	COM	12466Q104	77,224	1,576	SH	DFND	1	1,576	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	2,379,299	31,249	SH	DFND	1	31,249	0	0
C3.AI INC A	CL A	12468P104	1,101,884	40,705	SH	DFND	1	40,705	0	0
CABALETTA BIO INC	COM	12674W109	289,525	16,971	SH	DFND	1	16,971	0	0
CABLE ONE INC	COM	12685J105	2,553,590	6,035	SH	DFND	1	6,035	0	0
CABOT CORP	COM	127055101	9,196,673	99,747	SH	DFND	1	99,747	0	0
CACI INTERNATIONAL INC CL A	CL A	127190304	11,174,727	29,498	SH	DFND	1	29,498	0	0
CACTUS INC A	COM	127203107	1,618,458	32,311	SH	DFND	1	32,311	0	0
CADENCE BANK	COM	12740C103	9,575,046	330,174	SH	DFND	1	330,174	0	0
CADENCE DESIGN SYSTEMS INC	COM	127387108	33,870,066	108,809	SH	DFND	1	108,809	0	0
CADIZ INC	COM	127537207	57,965	19,988	SH	DFND	1	19,988	0	0
CADRE HOLDINGS INC	COM	12763L105	346,832	9,581	SH	DFND	1	9,581	0	0
CAESARS ENTERTAINMENT INC	COM	12769G100	2,548,030	58,254	SH	DFND	1	58,254	0	0
CAL MAINE FOODS INC	COM	128030202	1,302,174	22,127	SH	DFND	1	22,127	0	0

CALAVO GROWERS INC	COM	128246105	260,218	9,357	SH	DFND	1	9,357	0	0
CALEDONIA MINING CORP PLC	PLC SHS	G1757E113	89,556	8,090	SH	DFND	1	8,090	0	0
CALERES INC	COM	129500104	750,931	18,302	SH	DFND	1	18,302	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q305	2,058,095	37,352	SH	DFND	1	37,352	0	0
CALIFORNIA WATER SERVICE GRP	COM	130788102	1,449,293	31,181	SH	DFND	1	31,181	0	0
CALIX INC	COM	13100M509	1,054,521	31,801	SH	DFND	1	31,801	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	25,791	5,984	SH	DFND	1	5,984	0	0
CAMBRIDGE BANCORP	COM	132152109	255,600	3,750	SH	DFND	1	3,750	0	0
CAMDEN NATIONAL CORP	COM	133034108	236,048	7,042	SH	DFND	1	7,042	0	0
CAMDEN PROPERTY TRUST	COM	133131102	2,745,065	27,897	SH	DFND	1	27,897	0	0
CAMPBELL SOUP CO	COM	134429109	2,285,086	51,408	SH	DFND	1	51,408	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	574,072	20,613	SH	DFND	1	20,613	0	0
CANNAE HOLDINGS INC	COM	13765N107	725,624	32,627	SH	DFND	1	32,627	0	0
CANTALOUPE INC	COM	138103106	181,738	28,264	SH	DFND	1	28,264	0	0
CAPITAL BANCORP INC/MD	COM	139737100	97,651	4,688	SH	DFND	1	4,688	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	180,327	6,510	SH	DFND	1	6,510	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	15,411,604	103,510	SH	DFND	1	103,510	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	403,432	67,690	SH	DFND	1	67,690	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	6,988,522	154,272	SH	DFND	1	154,272	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	189,402	9,423	SH	DFND	1	9,423	0	0
CARA THERAPEUTICS INC	COM	140755109	20,976	23,050	SH	DFND	1	23,050	0	0
CARDINAL HEALTH INC	COM	14149Y108	7,240,601	64,706	SH	DFND	1	64,706	0	0
CARDLYTICS INC	COM	14161W105	261,008	18,013	SH	DFND	1	18,013	0	0
CAREDX INC	COM	14167L103	271,665	25,653	SH	DFND	1	25,653	0	0
CAREMAX INC	CL A	14171W202	5,182	1,075	SH	DFND	1	1,075	0	0
CARETRUST REIT INC	COM	14174T107	1,588,437	65,180	SH	DFND	1	65,180	0	0
CARGO THERAPEUTICS INC	COM	14179K101	236,525	10,597	SH	DFND	1	10,597	0	0
CARGURUS INC	COM	141788109	1,183,219	51,266	SH	DFND	1	51,266	0	0
CARIBOU BIOSCIENCES INC	COM	142038108	207,384	40,347	SH	DFND	1	40,347	0	0
CARISMA THERAPEUTICS INC	COM	14216R101	29,828	13,140	SH	DFND	1	13,140	0	0
CARLISLE COS INC	COM	142339100	25,186,551	64,276	SH	DFND	1	64,276	0	0
CARLYLE GROUP INC/THE	COM	14316J108	13,440,090	286,508	SH	DFND	1	286,508	0	0
CARMAX INC	COM	143130102	3,604,089	41,374	SH	DFND	1	41,374	0	0
CARNIVAL CORP	COM	143658300	4,416,816	270,307	SH	DFND	1	270,307	0	0
CARPARTS.COM INC	COM	14427M107	43,461	26,828	SH	DFND	1	26,828	0	0
CARPENTER TECHNOLOGY	COM	144285103	1,887,131	26,423	SH	DFND	1	26,423	0	0
CARRIAGE SERVICES INC	COM	143905107	178,734	6,610	SH	DFND	1	6,610	0	0
CARRIER GLOBAL CORP	COM	14448C104	12,926,194	222,367	SH	DFND	1	222,367	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	164,399	17,287	SH	DFND	1	17,287	0	0
CARS.COM INC	COM	14575E105	612,725	35,665	SH	DFND	1	35,665	0	0
CARTER BANKSHARES INC	COM	146103106	141,391	11,186	SH	DFND	1	11,186	0	0

CARTER S INC	COM	146229109	4,127,134	48,738	SH	DFND	1	48,738	0	0
CARTESIAN THERAPEUTICS INC	COM	816212104	36,531	56,202	SH	DFND	1	56,202	0	0
CARVANA CO	COM	146869102	4,471,982	50,870	SH	DFND	1	50,870	0	0
CASELLA WASTE SYSTEMS INC A	COM	147448104	2,753,134	27,846	SH	DFND	1	27,846	0	0
CASEY S GENERAL STORES INC	COM	147528103	15,657,550	49,168	SH	DFND	1	49,168	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	325,003	6,747	SH	DFND	1	6,747	0	0
CASSAVA SCIENCES INC	COM	14817C107	402,330	19,829	SH	DFND	1	19,829	0	0
CASSAVA SCIENCES INC	W EXP 11/15/202	14817C115	31,865	7,907	SH	DFND	1	7,907	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	271,205	12,244	SH	DFND	1	12,244	0	0
CATALENT INC	COM	148806102	2,667,714	47,258	SH	DFND	1	47,258	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	957,787	60,087	SH	DFND	1	60,087	0	0
CATERPILLAR INC	COM	149123101	55,250,315	150,780	SH	DFND	1	150,780	0	0
CATHAY GENERAL BANCORP	COM	149150104	1,424,640	37,659	SH	DFND	1	37,659	0	0
CATO CORP CLASS A	COM	149205106	49,495	8,578	SH	DFND	1	8,578	0	0
CAVA GROUP INC	COM	148929102	49,665	709	SH	DFND	1	709	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,792,578	4,492	SH	DFND	1	4,492	0	0
CBIZ INC	COM	124805102	1,855,583	23,638	SH	DFND	1	23,638	0	0
CBL AND ASSOCIATES PROPERTIES	COM	124830878	303,947	13,267	SH	DFND	1	13,267	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	5,191,475	28,256	SH	DFND	1	28,256	0	0
CBRE GROUP INC A	COM	12504L109	7,818,096	80,400	SH	DFND	1	80,400	0	0
CCC INTELLIGENT SOLUTIONS HO	COM	12510Q100	33,356	2,789	SH	DFND	1	2,789	0	0
CDW CORP/DE	COM	12514G108	11,731,861	45,867	SH	DFND	1	45,867	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	336,921	14,636	SH	DFND	1	14,636	0	0
CELANESE CORP	COM	150870103	4,665,999	27,150	SH	DFND	1	27,150	0	0
CELCUITY INC	COM	15102K100	194,465	9,003	SH	DFND	1	9,003	0	0
CELLDEX THERAPEUTICS INC	COM	15117B202	1,285,499	30,629	SH	DFND	1	30,629	0	0
CELSIUS HOLDINGS INC	COM	15118V207	16,372,139	197,445	SH	DFND	1	197,445	0	0
CENCORA INC	COM	03073E105	10,871,616	44,741	SH	DFND	1	44,741	0	0
CENTENE CORP	COM	15135B101	12,972,195	165,293	SH	DFND	1	165,293	0	0
CENTERPOINT ENERGY INC	COM	15189T107	4,703,044	165,077	SH	DFND	1	165,077	0	0
CENTERSPACE	COM	15202L107	465,748	8,151	SH	DFND	1	8,151	0	0
CENTRAL GARDEN AND PET CO	COM	153527106	222,459	5,194	SH	DFND	1	5,194	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	1,032,431	27,964	SH	DFND	1	27,964	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	283,472	14,353	SH	DFND	1	14,353	0	0
CENTRUS ENERGY CORP CLASS A	CL A	15643U104	251,381	6,053	SH	DFND	1	6,053	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	436,199	28,343	SH	DFND	1	28,343	0	0
CENTURY CASINOS INC	COM	156492100	42,837	13,556	SH	DFND	1	13,556	0	0
CENTURY COMMUNITIES INC	COM	156504300	1,480,503	15,342	SH	DFND	1	15,342	0	0
CENTURY THERAPEUTICS INC	COM	15673T100	48,250	11,543	SH	DFND	1	11,543	0	0
CERENCE INC	COM	156727109	351,477	22,316	SH	DFND	1	22,316	0	0

CEREVEL THERAPEUTICS HOLDING	COM	15678U128	1,491,877	35,294	SH	DFND	1	35,294	0	0
CERTARA INC	COM	15687V109	112,912	6,315	SH	DFND	1	6,315	0	0
CERUS CORP	COM	157085101	165,286	87,453	SH	DFND	1	87,453	0	0
CEVA INC	COM	157210105	285,079	12,553	SH	DFND	1	12,553	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	4,241,796	50,977	SH	DFND	1	50,977	0	0
CG ONCOLOGY INC	COM	156944100	503,226	11,463	SH	DFND	1	11,463	0	0
CG ONCOLOGY INC	COM	156944100	12,940,103	294,763	SH	DFND	2	12,604,074	0	0
CHAMPIONX CORP	COM	15872M104	12,488,141	347,956	SH	DFND	1	347,956	0	0
CHARGEPOINT HOLDINGS INC	CL A	15961R105	11,290	5,942	SH	DFND	1	5,942	0	0
CHARLES RIVER LABORATORIES	COM	159864107	3,633,440	13,410	SH	DFND	1	13,410	0	0
CHART INDUSTRIES INC	COM	16115Q308	12,590,538	76,436	SH	DFND	1	76,436	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	11,247,672	38,701	SH	DFND	1	38,701	0	0
CHATHAM LODGING TRUST	COM	16208T102	263,214	26,035	SH	DFND	1	26,035	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	2,682,712	16,357	SH	DFND	1	16,357	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	929,778	25,720	SH	DFND	1	25,720	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	715,389	18,996	SH	DFND	1	18,996	0	0
CHEGG INC	COM	163092109	425,010	56,144	SH	DFND	1	56,144	0	0
CHEMED CORP	COM	16359R103	12,853,364	20,023	SH	DFND	1	20,023	0	0
CHEMOURS CO/THE	COM	163851108	5,159,827	196,490	SH	DFND	1	196,490	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	73,363	1,727	SH	DFND	1	1,727	0	0
CHENIERE ENERGY INC	COM	16411R208	644,959	3,999	SH	DFND	1	3,999	0	0
CHESAPEAKE ENERGY CORP	COM	165167735	13,081,816	147,268	SH	DFND	1	147,268	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	1,267,857	11,816	SH	DFND	1	11,816	0	0
CHEVRON CORP	COM	166764100	83,044,905	526,467	SH	DFND	1	526,467	0	0
CHICAGO ATLANTIC REAL ESTATE	COM	167239102	127,248	8,069	SH	DFND	1	8,069	0	0
CHILDREN S PLACE INC/THE	COM	168905107	67,844	5,879	SH	DFND	1	5,879	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	517,131	112,176	SH	DFND	1	112,176	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	22,428,637	7,716	SH	DFND	1	7,716	0	0
CHOICE HOTELS INTL INC	COM	169905106	4,170,182	33,005	SH	DFND	1	33,005	0	0
CHOICEONE FINANCIAL SVCS INC	COM	170386106	94,166	3,443	SH	DFND	1	3,443	0	0
CHORD ENERGY CORP	COM	674215207	13,357,306	74,940	SH	DFND	1	74,940	0	0
CHUBB LTD	COM	H1467J104	35,360,621	136,459	SH	DFND	1	136,459	0	0
CHURCH AND DWIGHT CO INC	COM	171340102	9,433,901	90,441	SH	DFND	1	90,441	0	0
CHURCHILL DOWNS INC	COM	171484108	11,197,148	90,482	SH	DFND	1	90,482	0	0
CHUY S HOLDINGS INC	COM	171604101	314,735	9,331	SH	DFND	1	9,331	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	36,921	2,325	SH	DFND	1	2,325	0	0
CIENA CORP	COM	171779309	9,491,482	191,941	SH	DFND	1	191,941	0	0
CIMPRESS PLC	SHS EURO	G2143T103	785,969	8,880	SH	DFND	1	8,880	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	5,094,819	41,031	SH	DFND	1	41,031	0	0

CINEMARK HOLDINGS INC	COM	17243V102	1,062,476	59,125	SH	DFND	1	59,125	0	0
CINTAS CORP	COM	172908105	24,849,188	36,169	SH	DFND	1	36,169	0	0
CIPHER MINING INC	COM	17253J106	109,340	21,231	SH	DFND	1	21,231	0	0
CIRRUS LOGIC INC	COM	172755100	6,608,229	71,394	SH	DFND	1	71,394	0	0
CISCO SYSTEMS INC	COM	17275R102	74,369,144	1,490,065	SH	DFND	1	1,490,065	0	0
CITIGROUP INC	COM	172967424	30,482,882	482,019	SH	DFND	1	482,019	0	0
CITIUS PHARMACEUTICALS INC	COM	17322U207	59,488	66,297	SH	DFND	1	66,297	0	0
CITIZENS AND NORTHERN CORP	COM	172922106	138,409	7,370	SH	DFND	1	7,370	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	4,424,368	121,917	SH	DFND	1	121,917	0	0
CITIZENS FINANCIAL SERVICES	COM	174615104	91,955	1,869	SH	DFND	1	1,869	0	0
CITY HOLDING CO	COM	177835105	823,546	7,902	SH	DFND	1	7,902	0	0
CITY OFFICE REIT INC	COM	178587101	100,183	19,229	SH	DFND	1	19,229	0	0
CIVITAS RESOURCES INC	COM	17888H103	11,596,315	152,764	SH	DFND	1	152,764	0	0
CLARIVATE PLC	ORD SHS	G21810109	28,301	3,809	SH	DFND	1	3,809	0	0
CLAROS MORTGAGE TRUST INC	COM	18270D106	436,838	44,758	SH	DFND	1	44,758	0	0
CLARUS CORP	COM	18270P109	99,887	14,798	SH	DFND	1	14,798	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	224,131	83,631	SH	DFND	1	83,631	0	0
CLEAN HARBORS INC	COM	184496107	13,404,226	66,585	SH	DFND	1	66,585	0	0
CLEANSPARK INC	COM	18452B209	2,016,392	95,068	SH	DFND	1	95,068	0	0
CLEAR CHANNEL OUTDOOR HOLDIN	COM	18453H106	305,070	184,891	SH	DFND	1	184,891	0	0
CLEAR SECURE INC CLASS A	CL A	18467V109	871,560	40,976	SH	DFND	1	40,976	0	0
CLEARFIELD INC	COM	18482P103	196,050	6,357	SH	DFND	1	6,357	0	0
CLEARPOINT NEURO INC	COM	18507C103	76,826	11,298	SH	DFND	1	11,298	0	0
CLEARWATER PAPER CORP	COM	18538R103	385,961	8,826	SH	DFND	1	8,826	0	0
CLEARWAY ENERGY INC A	COM	18539C105	40,654	1,890	SH	DFND	1	1,890	0	0
CLEARWAY ENERGY INC C	COM	18539C204	103,633	4,496	SH	DFND	1	4,496	0	0
CLEVELAND CLIFFS INC	COM	185899101	14,999,054	659,589	SH	DFND	1	659,589	0	0
CLIMB GLOBAL SOLUTIONS INC	COM	946760105	145,233	2,049	SH	DFND	1	2,049	0	0
CLIPPER REALTY INC	COM	18885T306	27,236	5,639	SH	DFND	1	5,639	0	0
CLOROX COMPANY	COM	189054109	5,128,726	33,497	SH	DFND	1	33,497	0	0
CLOUDFLARE INC CLASS A	COM	18915M107	474,854	4,904	SH	DFND	1	4,904	0	0
CME GROUP INC	COM	12572Q105	24,116,140	112,017	SH	DFND	1	112,017	0	0
CMS ENERGY CORP	COM	125896100	4,644,490	76,972	SH	DFND	1	76,972	0	0
CNA FINANCIAL CORP	COM	126117100	9,720	214	SH	DFND	1	214	0	0
CNB FINANCIAL CORP/PA	COM	126128107	206,347	10,120	SH	DFND	1	10,120	0	0
CNH INDUSTRIAL NV	N V SHS	N20944109	104,354	8,052	SH	DFND	1	8,052	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	5,472,642	199,150	SH	DFND	1	199,150	0	0
CNX RESOURCES CORP	COM	12653C108	6,568,851	276,933	SH	DFND	1	276,933	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	207,371	5,335	SH	DFND	1	5,335	0	0
COCA COLA CO/THE	COM	191216100	61,195,662	1,000,256	SH	DFND	1	1,000,256	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	7,211,413	8,520	SH	DFND	1	8,520	0	0

COCA COLA EURO PACIFIC PARTNE	COM	G25839104	6,290,184	89,924	SH	DFND	1	89,924	0	0
CODEXIS INC	COM	192005106	119,909	34,358	SH	DFND	1	34,358	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	104,650	4,598	SH	DFND	1	4,598	0	0
COEUR MINING INC	COM	192108504	666,883	176,892	SH	DFND	1	176,892	0	0
COGENT BIOSCIENCES INC	COM	19240Q201	275,083	40,935	SH	DFND	1	40,935	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,537,738	23,538	SH	DFND	1	23,538	0	0
COGNEX CORP	COM	192422103	9,666,288	227,871	SH	DFND	1	227,871	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	14,226,175	194,108	SH	DFND	1	194,108	0	0
COHEN AND STEERS INC	COM	19247A100	986,037	12,824	SH	DFND	1	12,824	0	0
COHERENT CORP	COM	19247G107	10,597,164	174,813	SH	DFND	1	174,813	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	123,639	51,732	SH	DFND	1	51,732	0	0
COHU INC	COM	192576106	840,816	25,227	SH	DFND	1	25,227	0	0
COINBASE GLOBAL INC CLASS A	CL A	19260Q107	374,084	1,411	SH	DFND	1	1,411	0	0
COLGATE PALMOLIVE CO	COM	194162103	19,059,803	211,658	SH	DFND	1	211,658	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	684,164	17,624	SH	DFND	1	17,624	0	0
COLONY BANKCORP	COM	19623P101	93,587	8,138	SH	DFND	1	8,138	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	5,342,535	276,100	SH	DFND	1	276,100	0	0
COLUMBIA FINANCIAL INC	COM	197641103	251,954	14,640	SH	DFND	1	14,640	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	3,706,435	45,657	SH	DFND	1	45,657	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	620,937	13,913	SH	DFND	1	13,913	0	0
COMCAST CORP CLASS A	COM	20030N101	63,696,409	1,469,352	SH	DFND	1	1,469,352	0	0
COMERICA INC	COM	200340107	1,896,660	34,491	SH	DFND	1	34,491	0	0
COMFORT SYSTEMS USA INC	COM	199908104	20,430,024	64,304	SH	DFND	1	64,304	0	0
COMMERCE BANCSHARES INC	COM	200525103	8,342,771	156,819	SH	DFND	1	156,819	0	0
COMMERCIAL METALS CO	COM	201723103	12,394,005	210,890	SH	DFND	1	210,890	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	103,021	16,022	SH	DFND	1	16,022	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	135,254	103,247	SH	DFND	1	103,247	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	1,380,334	28,739	SH	DFND	1	28,739	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	216,878	61,965	SH	DFND	1	61,965	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	379,214	14,283	SH	DFND	1	14,283	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	326,784	7,662	SH	DFND	1	7,662	0	0
COMMVAULT SYSTEMS INC	COM	204166102	8,030,010	79,168	SH	DFND	1	79,168	0	0
COMPASS DIVERSIFIED HOLDINGS	SH BEN INT	20451Q104	749,781	31,150	SH	DFND	1	31,150	0	0
COMPASS INC CLASS A	CL A	20464U100	505,325	140,368	SH	DFND	1	140,368	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	290,608	18,463	SH	DFND	1	18,463	0	0
COMPASS THERAPEUTICS INC	COM	20454B104	89,049	44,974	SH	DFND	1	44,974	0	0

COMPOSECURE INC A	CL A	20459V105	59,539	8,235	SH	DFND	1	8,235	0	0
COMPX INTERNATIONAL INC	COM	20563P101	25,759	751	SH	DFND	1	751	0	0
COMSTOCK RESOURCES INC	COM	205768302	460,204	49,591	SH	DFND	1	49,591	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	47,142	13,744	SH	DFND	1	13,744	0	0
CONAGRA BRANDS INC	COM	205887102	3,704,644	124,988	SH	DFND	1	124,988	0	0
CONCENTRIX CORP	COM	20602D101	4,119,811	62,214	SH	DFND	1	62,214	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	97,952	12,399	SH	DFND	1	12,399	0	0
CONDUENT INC	COM	206787103	286,739	84,834	SH	DFND	1	84,834	0	0
CONFLUENT INC CLASS A	CL A	20717M103	97,511	3,195	SH	DFND	1	3,195	0	0
CONMED CORP	COM	207410101	1,324,603	16,541	SH	DFND	1	16,541	0	0
CONNECTONE BANCORP INC	COM	20786W107	352,170	18,060	SH	DFND	1	18,060	0	0
CONOCOPHILLIPS	COM	20825C104	46,011,720	361,500	SH	DFND	1	361,500	0	0
CONSENSUS CLOUD SOLUTION	COM	20848V105	149,258	9,411	SH	DFND	1	9,411	0	0
CONSOL ENERGY INC	COM	20854L108	1,365,791	16,306	SH	DFND	1	16,306	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	175,029	40,516	SH	DFND	1	40,516	0	0
CONSOLIDATED EDISON INC	COM	209115104	11,171,265	123,018	SH	DFND	1	123,018	0	0
CONSOLIDATED WATER CO ORD SH	ORD SHS	G23773107	217,304	7,414	SH	DFND	1	7,414	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	11,072,589	40,744	SH	DFND	1	40,744	0	0
CONSTELLATION ENERGY	COM	21037T109	19,713,698	106,647	SH	DFND	1	106,647	0	0
CONSTELLIUM SE	CL A	F21107101	1,404,825	63,538	SH	DFND	1	63,538	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	1,187,292	21,145	SH	DFND	1	21,145	0	0
CONSUMER PORTFOLIO SERVICES	COM	210502100	31,805	4,207	SH	DFND	1	4,207	0	0
CONTANGO ORE INC	COM	21077F100	76,184	3,838	SH	DFND	1	3,838	0	0
CONTEXTLOGIC INC A	CL A	21077C305	64,166	11,277	SH	DFND	1	11,277	0	0
COOPER COS INC/THE	COM	216648501	5,351,914	52,749	SH	DFND	1	52,749	0	0
COOPER STANDARD HOLDING	COM	21676P103	137,994	8,333	SH	DFND	1	8,333	0	0
COPART INC	COM	217204106	19,919,151	343,908	SH	DFND	1	343,908	0	0
COPT DEFENSE PROPERTIES	COM	22002T108	4,911,827	203,220	SH	DFND	1	203,220	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	1,117,076	44,346	SH	DFND	1	44,346	0	0
CORE AND MAIN INC CLASS A	CL A	21874C102	12,928,367	225,823	SH	DFND	1	225,823	0	0
CORE LABORATORIES INC	COM	21867A105	431,851	25,284	SH	DFND	1	25,284	0	0
CORE MOLDING TECHNOLOGIES IN	COM	218683100	68,262	3,606	SH	DFND	1	3,606	0	0
COREBRIDGE FINANCIAL INC	COM	21871X109	53,581	1,865	SH	DFND	1	1,865	0	0
COREBRIDGE FINANCIAL INC	COM	21871X109	9,314,370,462	324,203,636	SH	SOLE		324,203,636	0	0
CORECARD CORP	COM	45816D100	39,437	3,569	SH	DFND	1	3,569	0	0
CORECIVIC INC	COM	21871N101	957,549	61,342	SH	DFND	1	61,342	0	0
CORMEDIX INC	COM	21900C308	114,849	27,087	SH	DFND	1	27,087	0	0
CORNING INC	COM	219350105	6,825,884	207,096	SH	DFND	1	207,096	0	0
CORPAY INC	COM	219948106	6,207,825	20,120	SH	DFND	1	20,120	0	0
CORSAIR GAMING INC	COM	22041X102	249,539	20,222	SH	DFND	1	20,222	0	0

CORTEVA INC	COM	22052L104	10,586,021	183,562	SH	DFND	1	183,562	0	0
CORVEL CORP	COM	221006109	1,240,908	4,719	SH	DFND	1	4,719	0	0
COSTAMARE INC	COM	Y1771G102	259,949	22,903	SH	DFND	1	22,903	0	0
COSTAR GROUP INC	COM	22160N109	15,029,511	155,585	SH	DFND	1	155,585	0	0
COSTCO WHOLESALE CORP	COM	22160K105	105,948,555	144,614	SH	DFND	1	144,614	0	0
COTERRA ENERGY INC	COM	127097103	5,617,290	201,481	SH	DFND	1	201,481	0	0
COTY INC CL A	CL A	222070203	5,952,265	497,681	SH	DFND	1	497,681	0	0
COUCHBASE INC	COM	22207T101	460,793	17,514	SH	DFND	1	17,514	0	0
COUPANG INC	CL A	22266T109	325,219	18,281	SH	DFND	1	18,281	0	0
COURSERA INC	COM	22266M104	914,777	65,248	SH	DFND	1	65,248	0	0
COUSINS PROPERTIES INC	COM	222795502	4,829,612	200,899	SH	DFND	1	200,899	0	0
COVENANT LOGISTICS GROUP INC	CL A	22284P105	190,354	4,106	SH	DFND	1	4,106	0	0
CPI CARD GROUP INC	COM	12634H200	37,470	2,098	SH	DFND	1	2,098	0	0
CRA INTERNATIONAL INC	COM	12618T105	501,243	3,351	SH	DFND	1	3,351	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	866,142	11,909	SH	DFND	1	11,909	0	0
CRANE CO	COM	224408104	8,738,992	64,671	SH	DFND	1	64,671	0	0
CRANE NXT CO	COM	224441105	3,955,658	63,904	SH	DFND	1	63,904	0	0
CRAWFORD AND COMPANY CL A	CL A	224633206	67,340	7,141	SH	DFND	1	7,141	0	0
CREDICORP LTD	COM	G2519Y108	153,673	907	SH	DFND	1	907	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	28,681	52	SH	DFND	1	52	0	0
CREDO TECHNOLOGY GROUP HOLDI	ORD SHS	G25457105	1,298,650	61,286	SH	DFND	1	61,286	0	0
CRESCENT ENERGY INC A	CL A	44952J104	452,271	38,006	SH	DFND	1	38,006	0	0
CRH PLC	PLC ORD	G25508105	9,069,635	105,143	SH	DFND	1	105,143	0	0
CRICUT INC CLASS A	CL A	22658D100	112,217	23,575	SH	DFND	1	23,575	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	1,521,746	32,509	SH	DFND	1	32,509	0	0
CROCS INC	COM	227046109	11,599,771	80,666	SH	DFND	1	80,666	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	338,476	18,081	SH	DFND	1	18,081	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	308,411	22,284	SH	DFND	1	22,284	0	0
CROWDSTRIKE HOLDINGS INC A	CL A	22788C105	6,144,428	19,166	SH	DFND	1	19,166	0	0
CROWN CASTLE INC	COM	22822V101	12,059,963	113,956	SH	DFND	1	113,956	0	0
CROWN HOLDINGS INC	COM	228368106	12,549,870	158,338	SH	DFND	1	158,338	0	0
CRYOPORT INC	COM	229050307	377,541	21,330	SH	DFND	1	21,330	0	0
CS DISCO INC	COM	126327105	92,032	11,320	SH	DFND	1	11,320	0	0
CSG SYSTEMS INTL INC	COM	126349109	820,208	15,914	SH	DFND	1	15,914	0	0
CSW INDUSTRIALS INC	COM	126402106	1,783,195	7,601	SH	DFND	1	7,601	0	0
CSX CORP	COM	126408103	26,695,442	720,136	SH	DFND	1	720,136	0	0
CTO REALTY GROWTH INC	COM	22948Q101	183,619	10,833	SH	DFND	1	10,833	0	0
CTS CORP	COM	126501105	782,469	16,723	SH	DFND	1	16,723	0	0
CUBESMART	COM	229663109	13,459,281	297,640	SH	DFND	1	297,640	0	0
CUE BIOPHARMA INC	COM	22978P106	33,519	17,735	SH	DFND	1	17,735	0	0
CULLEN/FROST BANKERS INC	COM	229899109	9,562,146	84,944	SH	DFND	1	84,944	0	0
CULLINAN ONCOLOGY INC	COM	230031106	217,124	12,742	SH	DFND	1	12,742	0	0
CUMMINS INC	COM	231021106	10,501,031	35,639	SH	DFND	1	35,639	0	0

CURTISS WRIGHT CORP	COM	231561101	12,955,683	50,620	SH	DFND	1	50,620	0	0
CUSHMAN AND WAKEFIELD PLC	COM	G2717B108	938,325	89,706	SH	DFND	1	89,706	0	0
CUSTOM TRUCK ONE SOURCE INC	CL A	23204X103	160,422	27,564	SH	DFND	1	27,564	0	0
CUSTOMERS BANCORP INC	COM	23204G100	818,291	15,422	SH	DFND	1	15,422	0	0
CUTERA INC	COM	232109108	13,273	9,029	SH	DFND	1	9,029	0	0
CVB FINANCIAL CORP	COM	126600105	1,280,288	71,765	SH	DFND	1	71,765	0	0
CVR ENERGY INC	COM	12662P108	569,490	15,970	SH	DFND	1	15,970	0	0
CVRX INC	COM	126638105	99,809	5,481	SH	DFND	1	5,481	0	0
CVS HEALTH CORP	COM	126650100	25,422,782	318,741	SH	DFND	1	318,741	0	0
CXAPP INC	CL A	23248B109	2,641	1,078	SH	DFND	1	1,078	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	1,879,067	7,074	SH	DFND	1	7,074	0	0
CYTEK BIOSCIENCES INC	COM	23285D109	431,594	64,321	SH	DFND	1	64,321	0	0
CYTOKINETICS INC	COM	23282W605	12,344,408	176,072	SH	DFND	1	176,072	0	0
DAILY JOURNAL CORP	COM	233912104	247,703	685	SH	DFND	1	685	0	0
DAKOTA GOLD CORP	COM	46655E100	72,351	30,528	SH	DFND	1	30,528	0	0
DAKTRONICS INC	COM	234264109	186,959	18,771	SH	DFND	1	18,771	0	0
DANA INC	COM	235825205	892,264	70,257	SH	DFND	1	70,257	0	0
DANAHER CORP	COM	235851102	46,413,958	185,864	SH	DFND	1	185,864	0	0
DANIMER SCIENTIFIC INC	CL A	236272100	47,141	43,249	SH	DFND	1	43,249	0	0
DAQO NEW ENERGY CORP ADR	SPNSRD ADS	23703Q203	21,113	750	SH	DFND	1	750	0	0
DARDEN RESTAURANTS INC	COM	237194105	5,825,010	34,849	SH	DFND	1	34,849	0	0
DARLING INGREDIENTS INC	COM	237266101	9,821,284	211,165	SH	DFND	1	211,165	0	0
DASEKE INC	COM	23753F107	186,808	22,507	SH	DFND	1	22,507	0	0
DATADOG INC CLASS A	COM	23804L103	3,166,632	25,620	SH	DFND	1	25,620	0	0
DAVE AND BUSTER S ENTERTAINMEN	COM	238337109	1,138,131	18,181	SH	DFND	1	18,181	0	0
DAVITA INC	COM	23918K108	2,047,558	14,832	SH	DFND	1	14,832	0	0
DAY ONE BIOPHARMACEUTICALS I	COM	23954D109	510,088	30,877	SH	DFND	1	30,877	0	0
DAYFORCE INC	COM	15677J108	2,761,950	41,715	SH	DFND	1	41,715	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	414,328	26,340	SH	DFND	1	26,340	0	0
DECKERS OUTDOOR CORP	COM	243537107	6,755,423	7,177	SH	DFND	1	7,177	0	0
DEERE AND CO	COM	244199105	31,651,214	77,059	SH	DFND	1	77,059	0	0
DEFINITIVE HEALTHCARE CORP	CL A	24477E103	189,572	23,491	SH	DFND	1	23,491	0	0
DELEK US HOLDINGS INC	COM	24665A103	962,131	31,299	SH	DFND	1	31,299	0	0
DELTA AIR LINES INC	COM	247361702	8,557,433	178,764	SH	DFND	1	178,764	0	0
DELUXE CORP	COM	248019101	483,659	23,490	SH	DFND	1	23,490	0	0
DENALI THERAPEUTICS INC	COM	24823R105	1,207,540	58,847	SH	DFND	1	58,847	0	0
DENNY S CORP	COM	24869P104	226,598	25,290	SH	DFND	1	25,290	0	0
DENTSPLY SIRONA INC	COM	24906P109	1,838,759	55,401	SH	DFND	1	55,401	0	0
DESIGN THERAPEUTICS INC	COM	25056L103	65,085	16,150	SH	DFND	1	16,150	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	248,417	22,728	SH	DFND	1	22,728	0	0
DESKTOP METAL INC A	CL A	25058X105	123,160	139,955	SH	DFND	1	139,955	0	0
DESTINATION XL	COM	25065K104	99,742	27,706	SH	DFND	1	27,706	0	0

GROUP INC										
DEVON ENERGY CORP	COM	25179M103	8,408,161	167,560	SH	DFND	1	167,560	0	0
DEXCOM INC	COM	252131107	19,840,342	143,045	SH	DFND	1	143,045	0	0
DHI GROUP INC	COM	23331S100	53,117	20,830	SH	DFND	1	20,830	0	0
DHT HOLDINGS INC	COM	Y2065G121	768,361	66,814	SH	DFND	1	66,814	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	208,284	1,351	SH	DFND	1	1,351	0	0
DIAMOND OFFSHORE DRILLING IN	COM	25271C201	684,319	50,170	SH	DFND	1	50,170	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	12,043,385	60,773	SH	DFND	1	60,773	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,090,062	113,430	SH	DFND	1	113,430	0	0
DICK S SPORTING GOODS INC	COM	253393102	17,320,291	77,027	SH	DFND	1	77,027	0	0
DIGI INTERNATIONAL INC	COM	253798102	614,046	19,231	SH	DFND	1	19,231	0	0
DIGIMARC CORP	COM	25381B101	190,450	7,007	SH	DFND	1	7,007	0	0
DIGITAL REALTY TRUST INC	COM	253868103	11,694,031	81,186	SH	DFND	1	81,186	0	0
DIGITAL TURBINE INC	COM	25400W102	124,901	47,672	SH	DFND	1	47,672	0	0
DIGITALBRIDGE GROUP INC	CL A	25401T603	1,537,592	79,792	SH	DFND	1	79,792	0	0
DIGITALOCEAN HOLDINGS INC	COM	25402D102	1,153,074	30,201	SH	DFND	1	30,201	0	0
DILLARDS INC CL A	CL A	254067101	791,884	1,679	SH	DFND	1	1,679	0	0
DIME COMMUNITY BANCSHARES IN	COM	25432X102	363,340	18,865	SH	DFND	1	18,865	0	0
DINE BRANDS GLOBAL INC	COM	254423106	387,922	8,346	SH	DFND	1	8,346	0	0
DIODES INC	COM	254543101	1,720,553	24,405	SH	DFND	1	24,405	0	0
DISC MEDICINE INC	COM	254604101	289,447	4,649	SH	DFND	1	4,649	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	8,743,834	66,701	SH	DFND	1	66,701	0	0
DISTRIBUTION SOLUTIONS GROUP	COM	520776105	175,236	4,939	SH	DFND	1	4,939	0	0
DIVERSIFIED HEALTHCARE TRUST	COM SH BEN INT	25525P107	289,827	117,816	SH	DFND	1	117,816	0	0
DMC GLOBAL INC	COM	23291C103	187,591	9,625	SH	DFND	1	9,625	0	0
DNOW INC	COM	67011P100	873,225	57,449	SH	DFND	1	57,449	0	0
DOCGO INC	COM	256086109	154,877	38,336	SH	DFND	1	38,336	0	0
DOCUSIGN INC	COM	256163106	200,922	3,374	SH	DFND	1	3,374	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	6,596,217	78,742	SH	DFND	1	78,742	0	0
DOLE PLC	ORD SHS	G27907107	420,747	35,268	SH	DFND	1	35,268	0	0
DOLLAR GENERAL CORP	COM	256677105	11,305,299	72,442	SH	DFND	1	72,442	0	0
DOLLAR TREE INC	COM	256746108	11,228,673	84,331	SH	DFND	1	84,331	0	0
DOMINION ENERGY INC	COM	25746U109	10,425,575	211,945	SH	DFND	1	211,945	0	0
DOMINO S PIZZA INC	COM	25754A201	4,746,695	9,553	SH	DFND	1	9,553	0	0
DOMO INC CLASS B	COM	257554105	142,319	15,955	SH	DFND	1	15,955	0	0
DONALDSON CO INC	COM	257651109	11,908,249	159,457	SH	DFND	1	159,457	0	0
DONEGAL GROUP INC CL A	CL A	257701201	108,737	7,690	SH	DFND	1	7,690	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	827,647	13,347	SH	DFND	1	13,347	0	0
DOORDASH INC A	CL A	25809K105	4,191,233	30,433	SH	DFND	1	30,433	0	0
DORIAN LPG LTD	COM	Y2106R110	714,779	18,585	SH	DFND	1	18,585	0	0
DORMAN PRODUCTS INC	COM	258278100	1,378,570	14,302	SH	DFND	1	14,302	0	0
DOUBLEVERIFY	COM	25862V105	309,760	8,810	SH	DFND	1	8,810	0	0

HOLDINGS INC

DOUGLAS DYNAMICS INC	COM	25960R105	268,263	11,122	SH	DFND	1	11,122	0	0
DOUGLAS ELLIMAN INC	COM	25961D105	63,138	39,961	SH	DFND	1	39,961	0	0
DOUGLAS EMMETT INC	COM	25960P109	1,210,407	87,268	SH	DFND	1	87,268	0	0
DOVER CORP	COM	260003108	6,481,965	36,582	SH	DFND	1	36,582	0	0
DOW INC	COM	260557103	10,304,473	177,878	SH	DFND	1	177,878	0	0
DOXIMITY INC CLASS A	CL A	26622P107	4,360,631	162,045	SH	DFND	1	162,045	0	0
DR HORTON INC	COM	23331A109	14,688,227	89,263	SH	DFND	1	89,263	0	0
DRAFTKINGS INC CL A	CL A	26142V105	316,689	6,974	SH	DFND	1	6,974	0	0
DRAGONFLY ENERGY HOLDINGS CO	COM	26145B106	7,863	14,562	SH	DFND	1	14,562	0	0
DREAM FINDERS HOMES INC A	CL A	26154D100	522,267	11,943	SH	DFND	1	11,943	0	0
DRIL QUIP INC	COM	262037104	413,763	18,365	SH	DFND	1	18,365	0	0
DRIVEN BRANDS HOLDINGS INC	COM	26210V102	7,911	501	SH	DFND	1	501	0	0
DROPBOX INC CLASS A	COM	26210C104	8,286,737	341,018	SH	DFND	1	341,018	0	0
DT MIDSTREAM INC	COM	23345M107	7,842,857	128,361	SH	DFND	1	128,361	0	0
DTE ENERGY COMPANY	COM	233331107	6,054,326	53,989	SH	DFND	1	53,989	0	0
DUCKHORN PORTFOLIO INC/THE	COM	26414D106	244,834	26,298	SH	DFND	1	26,298	0	0
DUCOMMUN INC	COM	264147109	338,734	6,603	SH	DFND	1	6,603	0	0
DUKE ENERGY CORP	COM	26441C204	18,885,529	195,280	SH	DFND	1	195,280	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	32,668	6,667	SH	DFND	1	6,667	0	0
DUN AND BRADSTREET HOLDINGS IN	COM	26484T106	22,520	2,243	SH	DFND	1	2,243	0	0
DUOLINGO	CL A	26603R106	3,218,924	14,593	SH	DFND	1	14,593	0	0
DUPONT DE NEMOURS INC	COM	26614N102	8,624,148	112,484	SH	DFND	1	112,484	0	0
DXC TECHNOLOGY CO	COM	23355L106	213,627	10,072	SH	DFND	1	10,072	0	0
DXP ENTERPRISES INC	COM	233377407	381,483	7,100	SH	DFND	1	7,100	0	0
DYCOM INDUSTRIES INC	COM	267475101	2,224,284	15,497	SH	DFND	1	15,497	0	0
DYNATRACE INC	COM	268150109	14,847,054	319,704	SH	DFND	1	319,704	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	867,124	69,873	SH	DFND	1	69,873	0	0
DYNE THERAPEUTICS INC	COM	26818M108	827,228	29,138	SH	DFND	1	29,138	0	0
DYNEX CAPITAL INC	COM	26817Q886	346,558	27,836	SH	DFND	1	27,836	0	0
DZS INC	COM	268211109	14,172	10,736	SH	DFND	1	10,736	0	0
E2OPEN PARENT HOLDINGS INC	CL A	29788T103	376,437	84,783	SH	DFND	1	84,783	0	0
EAGLE BANCORP INC	COM	268948106	373,937	15,919	SH	DFND	1	15,919	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A150	284,988	4,562	SH	DFND	1	4,562	0	0
EAGLE MATERIALS INC	COM	26969P108	12,442,889	45,788	SH	DFND	1	45,788	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	26,719	5,099	SH	DFND	1	5,099	0	0
EAST WEST BANCORP INC	COM	27579R104	14,757,654	186,546	SH	DFND	1	186,546	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	594,883	51,684	SH	DFND	1	51,684	0	0
EASTERN BANKSHARES INC	COM	27627N105	1,053,288	76,436	SH	DFND	1	76,436	0	0
EASTGROUP PROPERTIES INC	COM	277276101	11,347,981	63,125	SH	DFND	1	63,125	0	0
EASTMAN CHEMICAL CO	COM	277432100	3,075,551	30,688	SH	DFND	1	30,688	0	0

EASTMAN KODAK CO	COM	277461406	139,105	28,102	SH	DFND	1	28,102	0	0
EATON CORP PLC	COM	G29183103	34,727,179	111,063	SH	DFND	1	111,063	0	0
EBAY INC	COM	278642103	14,100,758	267,161	SH	DFND	1	267,161	0	0
ECHOSTAR CORP A	COM	278768106	934,715	65,594	SH	DFND	1	65,594	0	0
ECOLAB INC	COM	278865100	16,740,481	72,501	SH	DFND	1	72,501	0	0
ECOVYST INC	COM	27923Q109	508,808	45,633	SH	DFND	1	45,633	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	1,039,030	26,890	SH	DFND	1	26,890	0	0
EDGEWISE THERAPEUTICS INC	COM	28036F105	518,344	28,418	SH	DFND	1	28,418	0	0
EDISON INTERNATIONAL	COM	281020107	7,091,814	100,266	SH	DFND	1	100,266	0	0
EDITAS MEDICINE INC	COM	28106W103	300,807	40,540	SH	DFND	1	40,540	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	16,554,432	173,236	SH	DFND	1	173,236	0	0
EGAIN CORP	COM	28225C806	66,196	10,263	SH	DFND	1	10,263	0	0
EHEALTH INC	COM	28238P109	83,304	13,815	SH	DFND	1	13,815	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	133,496	13,706	SH	DFND	1	13,706	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	65,706	4,036	SH	DFND	1	4,036	0	0
ELASTIC NV	COM	N14506104	134,221	1,339	SH	DFND	1	1,339	0	0
ELECTRONIC ARTS INC	COM	285512109	12,633,633	95,226	SH	DFND	1	95,226	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	45,913	1,838	SH	DFND	1	1,838	0	0
ELEVANCE HEALTH INC	COM	036752103	36,976,050	71,308	SH	DFND	1	71,308	0	0
ELF BEAUTY INC	COM	26856L103	19,530,665	99,631	SH	DFND	1	99,631	0	0
ELI LILLY AND CO	COM	532457108	180,434,597	231,933	SH	DFND	1	231,933	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	481,139	40,740	SH	DFND	1	40,740	0	0
ELME COMMUNITIES	COM	939653101	660,045	47,417	SH	DFND	1	47,417	0	0
EMBECTA CORP	COM	29082K105	413,400	31,153	SH	DFND	1	31,153	0	0
EMCOR GROUP INC	COM	29084Q100	21,853,531	62,403	SH	DFND	1	62,403	0	0
EMERALD HOLDING INC	COM	29103W104	52,403	7,695	SH	DFND	1	7,695	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	64,841	25,629	SH	DFND	1	25,629	0	0
EMERSON ELECTRIC CO	COM	291011104	16,703,931	147,275	SH	DFND	1	147,275	0	0
EMPIRE PETROLEUM CORP	COM	292034303	32,873	6,433	SH	DFND	1	6,433	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	659,868	65,140	SH	DFND	1	65,140	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	628,107	13,838	SH	DFND	1	13,838	0	0
ENACT HOLDINGS INC	COM	29249E109	455,290	14,602	SH	DFND	1	14,602	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	174,338	9,985	SH	DFND	1	9,985	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	10,961,174	132,734	SH	DFND	1	132,734	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	572,451	12,551	SH	DFND	1	12,551	0	0
ENCORE ENERGY CORP	COM	29259W700	352,840	80,557	SH	DFND	1	80,557	0	0
ENCORE WIRE CORP	COM	292562105	2,140,869	8,147	SH	DFND	1	8,147	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	1,131,468	38,433	SH	DFND	1	38,433	0	0
ENERGY FUELS INC	COM	292671708	497,174	79,042	SH	DFND	1	79,042	0	0
ENERGY RECOVERY INC	COM	29270J100	433,672	27,465	SH	DFND	1	27,465	0	0
ENERGY VAULT HOLDINGS INC	COM	29280W109	87,393	48,823	SH	DFND	1	48,823	0	0
ENERPAC TOOL GROUP	CL A	292765104	1,049,616	29,434	SH	DFND	1	29,434	0	0

CORP											
ENERSYS	COM	29275Y102	6,923,068	73,291	SH	DFND	1	73,291	0	0	
ENFUSION INC CLASS A	CL A	292812104	180,357	19,498	SH	DFND	1	19,498	0	0	
ENHABIT INC	COM	29332G102	316,251	27,146	SH	DFND	1	27,146	0	0	
ENLIVEN THERAPEUTICS INC	COM	29337E102	202,338	11,503	SH	DFND	1	11,503	0	0	
ENNIS INC	COM	293389102	257,770	12,568	SH	DFND	1	12,568	0	0	
ENOVA INTERNATIONAL INC	COM	29357K103	963,058	15,328	SH	DFND	1	15,328	0	0	
ENOVIS CORP	COM	194014502	4,108,273	65,785	SH	DFND	1	65,785	0	0	
ENOVIX CORP	COM	293594107	547,427	68,343	SH	DFND	1	68,343	0	0	
ENPHASE ENERGY INC	COM	29355A107	4,487,511	37,093	SH	DFND	1	37,093	0	0	
ENPRO INC	COM	29355X107	1,907,607	11,303	SH	DFND	1	11,303	0	0	
ENSIGN GROUP INC/THE	COM	29358P101	3,670,017	29,497	SH	DFND	1	29,497	0	0	
ENSTAR GROUP LTD	COM	G3075P101	1,828,512	5,884	SH	DFND	1	5,884	0	0	
ENTEGRIS INC	COM	29362U104	182,140	1,296	SH	DFND	1	1,296	0	0	
ENTERGY CORP	COM	29364G103	5,844,844	55,307	SH	DFND	1	55,307	0	0	
ENTERPRISE BANCORP INC	COM	293668109	123,877	4,770	SH	DFND	1	4,770	0	0	
ENTERPRISE FINANCIAL SERVICE	COM	293712105	725,902	17,897	SH	DFND	1	17,897	0	0	
ENTRADA THERAPEUTICS INC	COM	29384C108	149,437	10,546	SH	DFND	1	10,546	0	0	
ENTRAVISION COMMUNICATIONS A	COM	29382R107	48,651	29,665	SH	DFND	1	29,665	0	0	
ENVELA CORP	COM	29402E102	17,274	3,739	SH	DFND	1	3,739	0	0	
ENVESTNET INC	COM	29404K106	1,564,439	27,015	SH	DFND	1	27,015	0	0	
ENVIRI CORP	COM	415864107	389,882	42,610	SH	DFND	1	42,610	0	0	
ENVISTA HOLDINGS CORP	COM	29415F104	4,852,234	226,952	SH	DFND	1	226,952	0	0	
EOG RESOURCES INC	COM	26875P101	23,072,563	180,480	SH	DFND	1	180,480	0	0	
EOS ENERGY ENTERPRISES INC	CL A	29415C101	77,822	75,555	SH	DFND	1	75,555	0	0	
EPAM SYSTEMS INC	COM	29414B104	5,067,812	18,351	SH	DFND	1	18,351	0	0	
EPLUS INC	COM	294268107	1,126,421	14,342	SH	DFND	1	14,342	0	0	
EPR PROPERTIES	COM	26884U109	4,232,435	99,704	SH	DFND	1	99,704	0	0	
EQT CORP	COM	26884L109	3,972,162	107,153	SH	DFND	1	107,153	0	0	
EQUIFAX INC	COM	294429105	8,938,378	33,412	SH	DFND	1	33,412	0	0	
EQUINIX INC	COM	29444U700	22,791,488	27,615	SH	DFND	1	27,615	0	0	
EQUITABLE HOLDINGS INC	COM	29452E101	15,902,624	418,380	SH	DFND	1	418,380	0	0	
EQUITRANS MIDSTREAM CORP	COM	294600101	9,809,334	785,375	SH	DFND	1	785,375	0	0	
EQUITY BANCSHARES INC CL A	CL A	29460X109	247,876	7,212	SH	DFND	1	7,212	0	0	
EQUITY COMMONWEALTH	COM	294628102	950,514	50,345	SH	DFND	1	50,345	0	0	
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	15,919,229	247,193	SH	DFND	1	247,193	0	0	
EQUITY RESIDENTIAL	COM	29476L107	5,711,139	90,495	SH	DFND	1	90,495	0	0	
ERASCA INC	COM	29479A108	81,922	39,768	SH	DFND	1	39,768	0	0	
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	13,175,512	32,810	SH	DFND	1	32,810	0	0	
ESAB CORP	COM	29605J106	8,291,976	74,993	SH	DFND	1	74,993	0	0	
ESCALADE INC	COM	296056104	67,458	4,906	SH	DFND	1	4,906	0	0	
ESCO TECHNOLOGIES INC	COM	296315104	1,480,073	13,826	SH	DFND	1	13,826	0	0	
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	162,632	3,426	SH	DFND	1	3,426	0	0	

ESS TECH INC	COM	26916J106	32,523	44,965	SH	DFND	1	44,965	0	0
ESSA BANCORP INC	COM	29667D104	76,037	4,171	SH	DFND	1	4,171	0	0
ESSENT GROUP LTD	COM	G3198U102	11,420,564	191,910	SH	DFND	1	191,910	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	2,243,786	84,163	SH	DFND	1	84,163	0	0
ESSENTIAL UTILITIES INC	COM	29670G102	12,331,092	332,823	SH	DFND	1	332,823	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	4,109,381	16,786	SH	DFND	1	16,786	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	11,309,061	73,364	SH	DFND	1	73,364	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	426,006	12,323	SH	DFND	1	12,323	0	0
ETSY INC	COM	29786A106	3,259,871	47,437	SH	DFND	1	47,437	0	0
EURONET WORLDWIDE INC	COM	298736109	6,395,947	58,182	SH	DFND	1	58,182	0	0
EUROPEAN WAX CENTER INC A	COM	29882P106	218,453	16,830	SH	DFND	1	16,830	0	0
EVANS BANCORP INC	COM	29911Q208	77,069	2,581	SH	DFND	1	2,581	0	0
EVE HOLDING INC	COM	29970N104	48,168	8,920	SH	DFND	1	8,920	0	0
EVENTBRITE INC CLASS A	COM	29975E109	208,930	38,126	SH	DFND	1	38,126	0	0
EVERBRIDGE INC	COM	29978A104	709,661	20,375	SH	DFND	1	20,375	0	0
EVERCOMMERCE INC	COM	29977X105	108,405	11,508	SH	DFND	1	11,508	0	0
EVERCORE INC A	COM	29977A105	8,836,607	45,883	SH	DFND	1	45,883	0	0
EVEREST GROUP LTD	COM	G3223R108	4,529,115	11,394	SH	DFND	1	11,394	0	0
EVERGY INC	COM	30034W106	3,203,814	60,019	SH	DFND	1	60,019	0	0
EVERI HOLDINGS INC	COM	30034T103	403,146	40,114	SH	DFND	1	40,114	0	0
EVERQUOTE INC CLASS A	COM	30041R108	198,870	10,715	SH	DFND	1	10,715	0	0
EVERSOURCE ENERGY	COM	30040W108	7,427,259	124,264	SH	DFND	1	124,264	0	0
EVERTEC INC	COM	30040P103	1,405,398	35,223	SH	DFND	1	35,223	0	0
EVGO INC	CL A	30052F100	128,063	51,021	SH	DFND	1	51,021	0	0
EVI INDUSTRIES INC	COM	26929N102	79,556	3,195	SH	DFND	1	3,195	0	0
EVOLENT HEALTH INC A	COM	30050B101	1,816,632	55,402	SH	DFND	1	55,402	0	0
EVOLUS INC	COM	30052C107	289,436	20,674	SH	DFND	1	20,674	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	93,924	15,297	SH	DFND	1	15,297	0	0
EVOLV TECHNOLOGIES HOLDINGS	CL A	30049H102	250,286	56,244	SH	DFND	1	56,244	0	0
EW SCRIPPS CO/THE A	COM	811054402	126,012	32,064	SH	DFND	1	32,064	0	0
EXACT SCIENCES CORP	COM	30063P105	137,706	1,994	SH	DFND	1	1,994	0	0
EXCELERATE ENERGY INC A	CL A	30069T101	142,946	8,923	SH	DFND	1	8,923	0	0
EXELIXIS INC	COM	30161Q104	9,569,977	403,286	SH	DFND	1	403,286	0	0
EXELON CORP	COM	30161N101	14,375,973	382,645	SH	DFND	1	382,645	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	9,434,901	296,695	SH	DFND	1	296,695	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	399,947	38,717	SH	DFND	1	38,717	0	0
EXPEDIA GROUP INC	COM	30212P303	5,883,578	42,712	SH	DFND	1	42,712	0	0
EXPEDITORS INTL WASH INC	COM	302130109	5,356,131	44,058	SH	DFND	1	44,058	0	0
EXPENSIFY INC A	CL A	30219Q106	50,591	27,495	SH	DFND	1	27,495	0	0
EXPONENT INC	COM	30214U102	7,571,841	91,569	SH	DFND	1	91,569	0	0
EXPRO GROUP HOLDINGS NV	COM	N3144W105	881,895	44,161	SH	DFND	1	44,161	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	8,119,692	55,236	SH	DFND	1	55,236	0	0

EXTREME NETWORKS INC	COM	30226D106	787,005	68,198	SH	DFND	1	68,198	0	0
EXXON MOBIL CORP	COM	30231G102	116,911,867	1,005,780	SH	DFND	1	1,005,780	0	0
EYENOVIA INC	COM	30234E104	15,229	15,445	SH	DFND	1	15,445	0	0
EYEPOINT PHARMACEUTICALS INC	COM	30233G209	379,873	18,378	SH	DFND	1	18,378	0	0
EZCORP INC CL A	CL A	302301106	27,419	2,420	SH	DFND	1	2,420	0	0
F AND G ANNUITIES AND LIFE INC	COM	30190A104	374,439	9,234	SH	DFND	1	9,234	0	0
F5 INC	COM	315616102	2,916,084	15,381	SH	DFND	1	15,381	0	0
FABRINET	COM	G3323L100	3,749,779	19,838	SH	DFND	1	19,838	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	4,753,374	10,461	SH	DFND	1	10,461	0	0
FAIR ISAAC CORP	COM	303250104	9,399,566	7,522	SH	DFND	1	7,522	0	0
FARMERS AND MERCHANTS BANCO/OH	COM	30779N105	139,669	6,266	SH	DFND	1	6,266	0	0
FARMERS NATL BANC CORP	COM	309627107	239,932	17,959	SH	DFND	1	17,959	0	0
FARMLAND PARTNERS INC	COM	31154R109	244,522	22,029	SH	DFND	1	22,029	0	0
FARO TECHNOLOGIES INC	COM	311642102	201,140	9,351	SH	DFND	1	9,351	0	0
FASTENAL CO	COM	311900104	15,062,125	195,257	SH	DFND	1	195,257	0	0
FASTLY INC CLASS A	CL A	31188V100	782,195	60,308	SH	DFND	1	60,308	0	0
FATE THERAPEUTICS INC	COM	31189P102	306,570	41,767	SH	DFND	1	41,767	0	0
FB FINANCIAL CORP	COM	30257X104	720,323	19,127	SH	DFND	1	19,127	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	886,157	4,501	SH	DFND	1	4,501	0	0
FEDERAL REALTY INVS TRUST	SH BEN INT	313745101	1,968,057	19,272	SH	DFND	1	19,272	0	0
FEDERAL SIGNAL CORP	COM	313855108	2,748,430	32,384	SH	DFND	1	32,384	0	0
FEDERATED HERMES INC	CL B	314211103	3,882,358	107,485	SH	DFND	1	107,485	0	0
FEDEX CORP	COM	31428X106	16,871,270	58,229	SH	DFND	1	58,229	0	0
FENNEC PHARMACEUTICALS INC	COM	31447P100	99,457	8,944	SH	DFND	1	8,944	0	0
FERGUSON PLC	NEW SHS	G3421J106	387,932	1,776	SH	DFND	1	1,776	0	0
FIBROGEN INC	COM	31572Q808	106,941	45,507	SH	DFND	1	45,507	0	0
FIDELIS INSURANCE HOLDINGS L	COM	G3398L118	581,692	29,861	SH	DFND	1	29,861	0	0
FIDELITY D AND D BANCORP INC	COM	31609R100	111,292	2,298	SH	DFND	1	2,298	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	18,173,581	342,252	SH	DFND	1	342,252	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	12,627,439	170,227	SH	DFND	1	170,227	0	0
FIFTH THIRD BANCORP	COM	316773100	6,627,473	178,110	SH	DFND	1	178,110	0	0
FIGS INC CLASS A	CL A	30260D103	313,840	63,020	SH	DFND	1	63,020	0	0
FINANCE OF AMERICA COS INC A	CL A	31738L107	19,357	26,332	SH	DFND	1	26,332	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	140,849	7,484	SH	DFND	1	7,484	0	0
FIRST ADVANTAGE CORP	COM	31846B108	432,377	26,657	SH	DFND	1	26,657	0	0
FIRST AMERICAN FINANCIAL	COM	31847R102	8,336,805	136,557	SH	DFND	1	136,557	0	0
FIRST BANCORP INC/ME	COM	31866P102	118,814	4,822	SH	DFND	1	4,822	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,581,477	90,164	SH	DFND	1	90,164	0	0

FIRST BANCORP/NC	COM	318910106	777,844	21,535	SH	DFND	1	21,535	0	0
FIRST BANCSHARES INC/MS	COM	318916103	392,624	15,130	SH	DFND	1	15,130	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	138,114	10,052	SH	DFND	1	10,052	0	0
FIRST BUSEY CORP	COM	319383204	615,896	25,609	SH	DFND	1	25,609	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	145,238	3,873	SH	DFND	1	3,873	0	0
FIRST CITIZENS BANC CORP	COM	178867107	117,196	7,620	SH	DFND	1	7,620	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	163,500	100	SH	DFND	1	100	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	761,006	54,670	SH	DFND	1	54,670	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	293,247	8,468	SH	DFND	1	8,468	0	0
FIRST COMMUNITY CORP	COM	319835104	63,323	3,633	SH	DFND	1	3,633	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,140,618	50,875	SH	DFND	1	50,875	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	216,258	5,642	SH	DFND	1	5,642	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	7,652,900	233,249	SH	DFND	1	233,249	0	0
FIRST FOUNDATION INC	COM	32026V104	190,592	25,244	SH	DFND	1	25,244	0	0
FIRST HAWAIIAN INC	COM	32051X108	152,973	6,966	SH	DFND	1	6,966	0	0
FIRST HORIZON CORP	COM	320517105	11,390,240	739,626	SH	DFND	1	739,626	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	9,199,281	175,091	SH	DFND	1	175,091	0	0
FIRST INTERSTATE BANCYSYS A	COM	32055Y201	1,108,753	40,748	SH	DFND	1	40,748	0	0
FIRST MERCHANTS CORP	COM	320817109	1,017,614	29,158	SH	DFND	1	29,158	0	0
FIRST MID BANCSHARES INC	COM	320866106	358,859	10,981	SH	DFND	1	10,981	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	116,534	10,508	SH	DFND	1	10,508	0	0
FIRST SOLAR INC	COM	336433107	4,716,103	27,939	SH	DFND	1	27,939	0	0
FIRST WATCH RESTAURANT GROUP	COM	33748L101	269,638	10,952	SH	DFND	1	10,952	0	0
FIRST WESTERN FINANCIAL INC	COM	33751L105	57,591	3,950	SH	DFND	1	3,950	0	0
FIRSTCASH HOLDINGS INC	COM	33768G107	8,575,662	67,239	SH	DFND	1	67,239	0	0
FIRSTENERGY CORP	COM	337932107	5,224,900	135,290	SH	DFND	1	135,290	0	0
FISCALNOTE HOLDINGS INC	CL A	337655104	39,166	29,448	SH	DFND	1	29,448	0	0
FISERV INC	COM	337738108	27,816,831	174,051	SH	DFND	1	174,051	0	0
FIVE BELOW	COM	33829M101	13,334,876	73,519	SH	DFND	1	73,519	0	0
FIVE STAR BANCORP	COM	33830T103	141,683	6,297	SH	DFND	1	6,297	0	0
FIVE9 INC	COM	338307101	74,843	1,205	SH	DFND	1	1,205	0	0
FLEX LNG LTD	LTD SHS	G35947202	373,541	14,689	SH	DFND	1	14,689	0	0
FLOOR AND DECOR HOLDINGS INC A	COM	339750101	18,396,448	141,926	SH	DFND	1	141,926	0	0
FLOWERS FOODS INC	COM	343498101	6,039,055	254,276	SH	DFND	1	254,276	0	0
FLOWSERVE CORP	COM	34354P105	7,933,611	173,678	SH	DFND	1	173,678	0	0
FLUENCE ENERGY INC	CL A	34379V103	501,265	28,908	SH	DFND	1	28,908	0	0
FLUOR CORP	COM	343412102	12,450,022	294,466	SH	DFND	1	294,466	0	0
FLUSHING FINANCIAL CORP	COM	343873105	172,215	13,657	SH	DFND	1	13,657	0	0
FLYWIRE CORP VOTING	COM	302492103	1,300,118	52,403	SH	DFND	1	52,403	0	0
FMC CORP	COM	302491303	2,088,341	32,784	SH	DFND	1	32,784	0	0

FNB CORP	COM	302520101	6,697,148	474,975	SH	DFND	1	474,975	0	0
FOGHORN THERAPEUTICS INC	COM	344174107	67,221	10,018	SH	DFND	1	10,018	0	0
FOOT LOCKER INC	COM	344849104	1,262,408	44,295	SH	DFND	1	44,295	0	0
FORAFRIC GLOBAL PLC	ORD SHS	X3R81D102	27,091	2,615	SH	DFND	1	2,615	0	0
FORD MOTOR CO	COM	345370860	13,127,293	988,501	SH	DFND	1	988,501	0	0
FORESTAR GROUP INC	COM	346232101	363,036	9,033	SH	DFND	1	9,033	0	0
FORGE GLOBAL HOLDINGS INC	COM	34629L103	104,521	54,156	SH	DFND	1	54,156	0	0
FORMFACTOR INC	COM	346375108	1,900,991	41,661	SH	DFND	1	41,661	0	0
FORRESTER RESEARCH INC	COM	346563109	124,876	5,792	SH	DFND	1	5,792	0	0
FORTINET INC	COM	34959E109	17,391,931	254,603	SH	DFND	1	254,603	0	0
FORTIVE CORP	COM	34959J108	8,184,029	95,141	SH	DFND	1	95,141	0	0
FORTREA HOLDINGS INC	COM	34965K107	194,559	4,847	SH	DFND	1	4,847	0	0
FORTUNE BRANDS INNOVATIONS I	COM	34964C106	14,132,778	166,916	SH	DFND	1	166,916	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V209	95,205	4,765	SH	DFND	1	4,765	0	0
FORWARD AIR CORP	COM	349853101	439,304	14,121	SH	DFND	1	14,121	0	0
FOSSIL GROUP INC	COM	34988V106	24,202	23,727	SH	DFND	1	23,727	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,194,674	48,822	SH	DFND	1	48,822	0	0
FOX CORP CLASS A	COM	35137L105	1,958,034	62,617	SH	DFND	1	62,617	0	0
FOX CORP CLASS B	COM	35137L204	987,962	34,520	SH	DFND	1	34,520	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	3,998,507	76,791	SH	DFND	1	76,791	0	0
FRACTYL HEALTH INC	COM	35168W103	9,910,531	1,339,261	SH	DFND	2	1,339,261	0	0
FRANKLIN BSP REALTY TRUST IN	COM	35243J101	598,555	44,802	SH	DFND	1	44,802	0	0
FRANKLIN COVEY CO	COM	353469109	224,999	5,731	SH	DFND	1	5,731	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	2,629,662	24,620	SH	DFND	1	24,620	0	0
FRANKLIN RESOURCES INC	COM	354613101	2,206,241	78,486	SH	DFND	1	78,486	0	0
FREEPORT MCMORAN INC	COM	35671D857	17,404,594	370,153	SH	DFND	1	370,153	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	475,423	18,349	SH	DFND	1	18,349	0	0
FRESHPET INC	COM	358039105	52,948	457	SH	DFND	1	457	0	0
FRESHWORKS INC CL A	CL A	358054104	1,454,924	79,897	SH	DFND	1	79,897	0	0
FRONTDOOR INC	COM	35905A109	1,423,355	43,688	SH	DFND	1	43,688	0	0
FRONTIER COMMUNICATIONS PARE	COM	35909D109	7,178,794	293,012	SH	DFND	1	293,012	0	0
FRONTIER GROUP HOLDINGS INC	COM	35909R108	154,098	19,001	SH	DFND	1	19,001	0	0
FRP HOLDINGS INC	COM	30292L107	199,611	3,251	SH	DFND	1	3,251	0	0
FS BANCORP INC	COM	30263Y104	113,398	3,267	SH	DFND	1	3,267	0	0
FTAI AVIATION LTD	LTD SHS	G3730V105	3,304,026	49,094	SH	DFND	1	49,094	0	0
FTAI INFRASTRUCTURE INC	COM	35953C106	306,345	48,781	SH	DFND	1	48,781	0	0
FTC SOLAR INC	COM	30320C103	19,031	35,308	SH	DFND	1	35,308	0	0
FTI CONSULTING INC	COM	302941109	9,702,570	46,139	SH	DFND	1	46,139	0	0
FUBOTV INC	COM	35953D104	220,615	139,630	SH	DFND	1	139,630	0	0
FUELCELL ENERGY INC	COM	35952H601	266,841	224,236	SH	DFND	1	224,236	0	0
FULGENT GENETICS INC	COM	359664109	239,264	11,026	SH	DFND	1	11,026	0	0
FULL HOUSE RESORTS	COM	359678109	90,178	16,190	SH	DFND	1	16,190	0	0

INC										
FULTON FINANCIAL CORP	COM	360271100	1,380,317	86,867	SH	DFND	1	86,867	0	0
FUNKO INC CLASS A	COM	361008105	113,967	18,264	SH	DFND	1	18,264	0	0
FUTU HOLDINGS LTD ADR	CL A	36118L106	551,247	10,180	SH	DFND	1	10,180	0	0
FUTUREFUEL CORP	COM	36116M106	103,716	12,884	SH	DFND	1	12,884	0	0
FVCBANKCORP INC	COM	36120Q101	96,234	7,901	SH	DFND	1	7,901	0	0
G III APPAREL GROUP LTD	COM	36237H101	645,792	22,261	SH	DFND	1	22,261	0	0
GAMBLING.COM GROUP LTD	LTD ORD SHS	G3R239101	68,986	7,556	SH	DFND	1	7,556	0	0
GAMESTOP CORP CLASS A	COM	36467W109	4,451,486	355,550	SH	DFND	1	355,550	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	16,279,295	353,360	SH	DFND	1	353,360	0	0
GANNETT CO INC	COM	36472T109	173,506	71,109	SH	DFND	1	71,109	0	0
GAP INC/THE	COM	364760108	7,839,022	284,538	SH	DFND	1	284,538	0	0
GARMIN LTD	COM	H2906T109	6,079,255	40,836	SH	DFND	1	40,836	0	0
GARTNER INC	COM	366651107	11,583,558	24,301	SH	DFND	1	24,301	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	24,050	1,358	SH	DFND	1	1,358	0	0
GATX CORP	COM	361448103	8,606,602	64,214	SH	DFND	1	64,214	0	0
GCM GROSVENOR INC CLASS A	CL A	36831E108	202,522	20,965	SH	DFND	1	20,965	0	0
GE HEALTHCARE TECHNOLOGY	COM	36266G107	12,928,675	142,214	SH	DFND	1	142,214	0	0
GEN DIGITAL INC	COM	668771108	3,298,445	147,252	SH	DFND	1	147,252	0	0
GENCO SHIPPING AND TRADING LTD	COM	Y2685T131	421,908	20,753	SH	DFND	1	20,753	0	0
GENCOR INDUSTRIES INC	COM	368678108	86,705	5,195	SH	DFND	1	5,195	0	0
GENELUX CORP	COM	36870H103	60,461	9,403	SH	DFND	1	9,403	0	0
GENERAC HOLDINGS INC	COM	368736104	2,070,840	16,417	SH	DFND	1	16,417	0	0
GENERAL DYNAMICS CORP	COM	369550108	16,244,305	57,504	SH	DFND	1	57,504	0	0
GENERAL ELECTRIC CO	COM	369604301	49,182,277	280,193	SH	DFND	1	280,193	0	0
GENERAL MILLS INC	COM	370334104	13,585,025	194,155	SH	DFND	1	194,155	0	0
GENERAL MOTORS CO	COM	37045V100	13,260,159	292,396	SH	DFND	1	292,396	0	0
GENERATION BIO CO	COM	37148K100	90,830	22,317	SH	DFND	1	22,317	0	0
GENESCO INC	COM	371532102	152,913	5,434	SH	DFND	1	5,434	0	0
GENIE ENERGY LTD B	CL B	372284208	146,940	9,744	SH	DFND	1	9,744	0	0
GENPACT LTD	COM	G3922B107	7,218,027	219,060	SH	DFND	1	219,060	0	0
GENTEX CORP	COM	371901109	11,152,700	308,768	SH	DFND	1	308,768	0	0
GENTHERM INC	COM	37253A103	1,018,245	17,684	SH	DFND	1	17,684	0	0
GENUINE PARTS CO	COM	372460105	5,680,508	36,665	SH	DFND	1	36,665	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	1,561,834	242,898	SH	DFND	1	242,898	0	0
GEO GROUP INC/THE	COM	36162J106	918,704	65,064	SH	DFND	1	65,064	0	0
GERMAN AMERICAN BANCORP	COM	373865104	479,071	13,830	SH	DFND	1	13,830	0	0
GERON CORP	COM	374163103	833,234	252,495	SH	DFND	1	252,495	0	0
GETTY REALTY CORP	COM	374297109	706,068	25,816	SH	DFND	1	25,816	0	0
GEVO INC	COM	374396406	89,729	116,728	SH	DFND	1	116,728	0	0
GIBRALTAR INDUSTRIES INC	COM	374689107	1,327,618	16,486	SH	DFND	1	16,486	0	0
GILEAD SCIENCES INC	COM	375558103	29,372,444	400,989	SH	DFND	1	400,989	0	0
GINKGO BIOWORKS HOLDINGS INC	CL A	37611X100	16,433	14,166	SH	DFND	1	14,166	0	0

GITLAB INC CL A	CL A	37637K108	88,413	1,516	SH	DFND	1	1,516	0	0
GLACIER BANCORP INC	COM	37637Q105	8,091,326	200,877	SH	DFND	1	200,877	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	271,278	19,601	SH	DFND	1	19,601	0	0
GLADSTONE LAND CORP	COM	376549101	220,457	16,526	SH	DFND	1	16,526	0	0
GLATFELTER CORP	COM	377320106	43,628	21,814	SH	DFND	1	21,814	0	0
GLAUKOS CORP	COM	377322102	2,418,256	25,647	SH	DFND	1	25,647	0	0
GLOBAL BUSINESS TRAVEL GROUP	CL A	37890B100	95,583	15,904	SH	DFND	1	15,904	0	0
GLOBAL E ONLINE LTD	LTD SHS	M5216V106	567,751	15,619	SH	DFND	1	15,619	0	0
GLOBAL INDUSTRIAL CO	COM	37892E102	289,413	6,463	SH	DFND	1	6,463	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	263,130	30,072	SH	DFND	1	30,072	0	0
GLOBAL NET LEASE INC	COM	379378201	816,200	105,045	SH	DFND	1	105,045	0	0
GLOBAL PAYMENTS INC	COM	37940X102	9,099,305	68,078	SH	DFND	1	68,078	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	72,777	5,668	SH	DFND	1	5,668	0	0
GLOBALFOUNDRIES INC	ORD SHS	G39387108	1,990,394	38,196	SH	DFND	1	38,196	0	0
GLOBALSTAR INC	COM	378973408	524,893	357,070	SH	DFND	1	357,070	0	0
GLOBANT SA	COM	L44385109	138,907	688	SH	DFND	1	688	0	0
GLOBE LIFE INC	COM	37959E102	2,607,503	22,407	SH	DFND	1	22,407	0	0
GLOBUS MEDICAL INC A	COM	379577208	8,207,832	153,017	SH	DFND	1	153,017	0	0
GMS INC	COM	36251C103	2,103,323	21,608	SH	DFND	1	21,608	0	0
GODADDY INC CLASS A	COM	380237107	22,208,944	187,133	SH	DFND	1	187,133	0	0
GOGO INC	COM	38046C109	312,199	35,558	SH	DFND	1	35,558	0	0
GOHEALTH INC CLASS A	CL A	38046W204	21,503	2,046	SH	DFND	1	2,046	0	0
GOLAR LNG LTD	COM	G9456A100	1,174,946	48,834	SH	DFND	1	48,834	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	404,209	10,975	SH	DFND	1	10,975	0	0
GOLDEN OCEAN GROUP LTD	LTD SHS	G39637205	786,620	60,696	SH	DFND	1	60,696	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	34,500,776	82,599	SH	DFND	1	82,599	0	0
GOODYEAR TIRE AND RUBBER CO	COM	382550101	7,027,838	511,860	SH	DFND	1	511,860	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	783,451	11,760	SH	DFND	1	11,760	0	0
GOPRO INC CLASS A	COM	38268T103	138,702	62,198	SH	DFND	1	62,198	0	0
GORMAN RUPP CO	COM	383082104	446,480	11,289	SH	DFND	1	11,289	0	0
GRAB HOLDINGS LTD CL A	COM	G4124C109	939,381	299,166	SH	DFND	1	299,166	0	0
GRACO INC	COM	384109104	20,934,012	223,989	SH	DFND	1	223,989	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	131,880	95,565	SH	DFND	1	95,565	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	4,932,344	6,425	SH	DFND	1	6,425	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	5,338,887	39,196	SH	DFND	1	39,196	0	0
GRANITE CONSTRUCTION INC	COM	387328107	1,359,066	23,789	SH	DFND	1	23,789	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	120,166	25,192	SH	DFND	1	25,192	0	0
GRANITE RIDGE RESOURCES INC	COM	387432107	107,731	16,574	SH	DFND	1	16,574	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	11,861,320	406,488	SH	DFND	1	406,488	0	0
GRAY TELEVISION INC	COM	389375106	263,310	41,663	SH	DFND	1	41,663	0	0

GREAT LAKES DREDGE AND DOCK CO	COM	390607109	282,861	32,327	SH	DFND	1	32,327	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	239,015	4,360	SH	DFND	1	4,360	0	0
GREEN BRICK PARTNERS INC	COM	392709101	845,689	14,041	SH	DFND	1	14,041	0	0
GREEN DOT CORP CLASS A	COM	39304D102	233,194	24,994	SH	DFND	1	24,994	0	0
GREEN PLAINS INC	COM	393222104	741,551	32,074	SH	DFND	1	32,074	0	0
GREENBRIER COMPANIES INC	COM	393657101	859,442	16,496	SH	DFND	1	16,496	0	0
GREENE COUNTY BANCORP INC	COM	394357107	99,268	3,448	SH	DFND	1	3,448	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	158,855	12,739	SH	DFND	1	12,739	0	0
GREIF INC CL A	CL A	397624107	3,142,189	45,506	SH	DFND	1	45,506	0	0
GREIF INC CL B	COM	397624206	177,206	2,549	SH	DFND	1	2,549	0	0
GRID DYNAMICS HOLDINGS INC	CL A	39813G109	341,330	27,773	SH	DFND	1	27,773	0	0
GRIFFON CORP	COM	398433102	1,553,708	21,185	SH	DFND	1	21,185	0	0
GRINDR INC	COM	39854F101	204,758	20,213	SH	DFND	1	20,213	0	0
GRITSTONE BIO INC	COM	39868T105	114,188	44,431	SH	DFND	1	44,431	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	3,780,771	131,368	SH	DFND	1	131,368	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	2,147,891	7,350	SH	DFND	1	7,350	0	0
GROWGENERATION CORP	COM	39986L109	82,949	29,003	SH	DFND	1	29,003	0	0
GUARANTY BANCSHARES INC	COM	400764106	122,654	4,040	SH	DFND	1	4,040	0	0
GUARDANT HEALTH INC	COM	40131M109	1,148,513	55,672	SH	DFND	1	55,672	0	0
GUESS INC	COM	401617105	476,519	15,142	SH	DFND	1	15,142	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	78,429	672	SH	DFND	1	672	0	0
GULFPORT ENERGY CORP	COM	402635502	863,367	5,392	SH	DFND	1	5,392	0	0
GXO LOGISTICS INC	COM	36262G101	8,464,351	157,447	SH	DFND	1	157,447	0	0
H WORLD GROUP LTD ADR	ADR	44332N106	105,419	2,724	SH	DFND	1	2,724	0	0
H.B. FULLER CO.	COM	359694106	2,328,488	29,201	SH	DFND	1	29,201	0	0
H AND E EQUIPMENT SERVICES INC	COM	404030108	1,017,638	15,856	SH	DFND	1	15,856	0	0
H AND R BLOCK INC	COM	093671105	9,110,052	185,503	SH	DFND	1	185,503	0	0
HACKETT GROUP INC/THE	COM	404609109	299,570	12,328	SH	DFND	1	12,328	0	0
HAEMONETICS CORP/MASS	COM	405024100	7,812,256	91,532	SH	DFND	1	91,532	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	379,339	48,262	SH	DFND	1	48,262	0	0
HALLADOR ENERGY CO	COM	40609P105	60,010	11,259	SH	DFND	1	11,259	0	0
HALLIBURTON CO	COM	406216101	9,239,023	234,374	SH	DFND	1	234,374	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	9,672,606	237,773	SH	DFND	1	237,773	0	0
HAMILTON INSURANCE GROU CL B	CL B	G42706104	114,546	8,223	SH	DFND	1	8,223	0	0
HAMILTON LANE INC CLASS A	COM	407497106	2,032,048	18,021	SH	DFND	1	18,021	0	0
HANCOCK WHITNEY CORP	COM	410120109	7,188,271	156,131	SH	DFND	1	156,131	0	0
HANESBRANDS INC	COM	410345102	1,100,823	189,797	SH	DFND	1	189,797	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	261,247	16,410	SH	DFND	1	16,410	0	0
HANNON ARMSTRONG	COM	41068X100	1,684,660	59,319	SH	DFND	1	59,319	0	0

SUSTAINABLE

HANOVER INSURANCE GROUP INC/	COM	410867105	6,452,552	47,386	SH	DFND	1	47,386	0	0
HARBORONE BANCORP INC	COM	41165Y100	212,006	19,888	SH	DFND	1	19,888	0	0
HARLEY DAVIDSON INC	COM	412822108	7,337,779	167,759	SH	DFND	1	167,759	0	0
HARMONIC INC	COM	413160102	799,868	59,514	SH	DFND	1	59,514	0	0
HARMONY BIOSCIENCES HOLDINGS	COM	413197104	584,561	17,408	SH	DFND	1	17,408	0	0
HARROW INC	COM	415858109	197,643	14,939	SH	DFND	1	14,939	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	8,041,713	78,037	SH	DFND	1	78,037	0	0
HARVARD BIOSCIENCE INC	COM	416906105	84,715	19,980	SH	DFND	1	19,980	0	0
HASBRO INC	COM	418056107	1,928,067	34,113	SH	DFND	1	34,113	0	0
HASHICORP INC CL A	CL A	418100103	36,706	1,362	SH	DFND	1	1,362	0	0
HAVERTY FURNITURE	COM	419596101	267,262	7,833	SH	DFND	1	7,833	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	10,166	902	SH	DFND	1	902	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	334,850	25,120	SH	DFND	1	25,120	0	0
HAWKINS INC	COM	420261109	800,794	10,427	SH	DFND	1	10,427	0	0
HAYNES INTERNATIONAL INC	COM	420877201	410,860	6,834	SH	DFND	1	6,834	0	0
HAYWARD HOLDINGS INC	COM	421298100	106,251	6,940	SH	DFND	1	6,940	0	0
HBT FINANCIAL INC/DE	COM	404111106	124,712	6,550	SH	DFND	1	6,550	0	0
HCA HEALTHCARE INC	COM	40412C101	19,828,025	59,449	SH	DFND	1	59,449	0	0
HCI GROUP INC	COM	40416E103	453,873	3,910	SH	DFND	1	3,910	0	0
HEALTH CATALYST INC	COM	42225T107	211,909	28,142	SH	DFND	1	28,142	0	0
HEALTHCARE REALTY TRUST INC	CL A	42226K105	7,133,822	504,157	SH	DFND	1	504,157	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	500,760	40,125	SH	DFND	1	40,125	0	0
HEALTHEQUITY INC	COM	42226A107	12,637,385	154,813	SH	DFND	1	154,813	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	3,470,981	185,119	SH	DFND	1	185,119	0	0
HEALTHSTREAM INC	COM	42222N103	346,233	12,987	SH	DFND	1	12,987	0	0
HEARTLAND EXPRESS INC	COM	422347104	301,234	25,229	SH	DFND	1	25,229	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	732,807	20,848	SH	DFND	1	20,848	0	0
HECLA MINING CO	COM	422704106	1,449,527	301,357	SH	DFND	1	301,357	0	0
HEICO CORP	COM	422806109	136,565	715	SH	DFND	1	715	0	0
HEICO CORP CLASS A	COM	422806208	197,813	1,285	SH	DFND	1	1,285	0	0
HEIDRICK AND STRUGGLES INTL	COM	422819102	360,431	10,708	SH	DFND	1	10,708	0	0
HELEN OF TROY LTD	COM	G4388N106	4,951,287	42,965	SH	DFND	1	42,965	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	730,994	16,357	SH	DFND	1	16,357	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	840,382	77,526	SH	DFND	1	77,526	0	0
HELMERICH AND PAYNE	COM	423452101	2,212,650	52,607	SH	DFND	1	52,607	0	0
HENRY SCHEIN INC	COM	806407102	2,566,623	33,986	SH	DFND	1	33,986	0	0
HERBALIFE LTD	COM	G4412G101	489,777	48,734	SH	DFND	1	48,734	0	0
HERC HOLDINGS INC	COM	42704L104	2,346,439	13,942	SH	DFND	1	13,942	0	0
HERITAGE COMMERCE CORP	COM	426927109	250,622	29,210	SH	DFND	1	29,210	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	363,078	18,725	SH	DFND	1	18,725	0	0

HERON THERAPEUTICS INC	COM	427746102	141,350	51,029	SH	DFND	1	51,029	0	0
HERSHEY CO/THE	COM	427866108	7,491,362	38,516	SH	DFND	1	38,516	0	0
HERTZ GLOBAL HLDGS INC	COM	42806J700	1,360,126	173,707	SH	DFND	1	173,707	0	0
HESS CORP	COM	42809H107	13,278,917	86,995	SH	DFND	1	86,995	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	12,046,773	679,457	SH	DFND	1	679,457	0	0
HEXCEL CORP	COM	428291108	8,137,709	111,705	SH	DFND	1	111,705	0	0
HF FOODS GROUP INC	COM	40417F109	69,465	19,847	SH	DFND	1	19,847	0	0
HF SINCLAIR CORP	COM	403949100	12,468,035	206,527	SH	DFND	1	206,527	0	0
HIBBETT INC	COM	428567101	481,829	6,273	SH	DFND	1	6,273	0	0
HIGHPEAK ENERGY INC	COM	43114Q105	93,563	5,933	SH	DFND	1	5,933	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	150,771	5,759	SH	DFND	1	5,759	0	0
HILLENBRAND INC	COM	431571108	1,901,918	37,819	SH	DFND	1	37,819	0	0
HILLEVAX INC	COM	43157M102	214,876	12,921	SH	DFND	1	12,921	0	0
HILLMAN SOLUTIONS CORP	COM	431636109	1,024,504	96,288	SH	DFND	1	96,288	0	0
HILLTOP HOLDINGS INC	COM	432748101	788,418	25,173	SH	DFND	1	25,173	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	6,262,595	132,654	SH	DFND	1	132,654	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	19,630,919	92,030	SH	DFND	1	92,030	0	0
HIMALAYA SHIPPING LTD	ORD SHS	G4660A103	115,372	14,964	SH	DFND	1	14,964	0	0
HIMS AND HERS HEALTH INC	CL A	433000106	944,459	61,051	SH	DFND	1	61,051	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	127,879	733	SH	DFND	1	733	0	0
HIPPO HOLDINGS INC	COM	433539202	95,918	5,250	SH	DFND	1	5,250	0	0
HIREQUEST INC	COM	433535101	34,201	2,641	SH	DFND	1	2,641	0	0
HIRERIGHT HOLDINGS CORP	COM	433537107	93,925	6,582	SH	DFND	1	6,582	0	0
HNI CORP	COM	404251100	1,125,317	24,935	SH	DFND	1	24,935	0	0
HOLLEY INC	COM	43538H103	116,058	26,022	SH	DFND	1	26,022	0	0
HOLOGIC INC	COM	436440101	4,783,626	61,360	SH	DFND	1	61,360	0	0
HOME BANCORP INC	COM	43689E107	135,426	3,535	SH	DFND	1	3,535	0	0
HOME BANCSHARES INC	COM	436893200	8,345,839	339,676	SH	DFND	1	339,676	0	0
HOME DEPOT INC	COM	437076102	112,012,734	292,004	SH	DFND	1	292,004	0	0
HOMESTREET INC	COM	43785V102	134,321	8,925	SH	DFND	1	8,925	0	0
HOMETRUST BANCSHARES INC	COM	437872104	198,133	7,247	SH	DFND	1	7,247	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	43,447,936	211,683	SH	DFND	1	211,683	0	0
HOOKER FURNISHINGS CORP	COM	439038100	126,413	5,265	SH	DFND	1	5,265	0	0
HOPE BANCORP INC	COM	43940T109	719,283	62,492	SH	DFND	1	62,492	0	0
HORACE MANN EDUCATORS	COM	440327104	819,809	22,163	SH	DFND	1	22,163	0	0
HORIZON BANCORP INC/IN	COM	440407104	272,894	21,270	SH	DFND	1	21,270	0	0
HORMEL FOODS CORP	COM	440452100	2,837,569	81,329	SH	DFND	1	81,329	0	0
HOST HOTELS AND RESORTS INC	COM	44107P104	3,898,987	188,539	SH	DFND	1	188,539	0	0
HOULIHAN LOKEY INC	COM	441593100	8,846,264	69,009	SH	DFND	1	69,009	0	0
HOVNIANIAN ENTERPRISES A	CL A	442487401	377,284	2,404	SH	DFND	1	2,404	0	0
HOWARD HUGHES HOLDINGS INC	COM	44267T102	20,116	277	SH	DFND	1	277	0	0

HOWMET AEROSPACE INC	COM	443201108	7,143,887	104,397	SH	DFND	1	104,397	0	0
HP INC	COM	40434L105	14,894,954	492,884	SH	DFND	1	492,884	0	0
HUB GROUP INC CL A	CL A	443320106	1,464,855	33,893	SH	DFND	1	33,893	0	0
HUBBELL INC	COM	443510607	6,005,774	14,470	SH	DFND	1	14,470	0	0
HUBSPOT INC	COM	443573100	484,331	773	SH	DFND	1	773	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	477,216	73,987	SH	DFND	1	73,987	0	0
HUDSON TECHNOLOGIES INC	COM	444144109	237,926	21,610	SH	DFND	1	21,610	0	0
HUMACYTE INC	COM	44486Q103	93,860	30,180	SH	DFND	1	30,180	0	0
HUMANA INC	COM	444859102	13,268,628	38,269	SH	DFND	1	38,269	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	4,277,698	21,469	SH	DFND	1	21,469	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	5,282,628	378,683	SH	DFND	1	378,683	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	3,016,715	10,350	SH	DFND	1	10,350	0	0
HUNTSMAN CORP	COM	447011107	35,531	1,365	SH	DFND	1	1,365	0	0
HURON CONSULTING GROUP INC	COM	447462102	885,619	9,166	SH	DFND	1	9,166	0	0
HYATT HOTELS CORP CL A	CL A	448579102	9,342,399	58,529	SH	DFND	1	58,529	0	0
HYLIION HOLDINGS CORP	COM	449109107	129,534	73,599	SH	DFND	1	73,599	0	0
HYSTER YALE MATERIALS	COM	449172105	352,165	5,488	SH	DFND	1	5,488	0	0
I 80 GOLD CORP	COM	44955L106	130,334	97,264	SH	DFND	1	97,264	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	254,239	11,107	SH	DFND	1	11,107	0	0
IAC INC	COM	44891N208	32,537	610	SH	DFND	1	610	0	0
IBEX LTD	SHS	G4690M101	69,744	4,520	SH	DFND	1	4,520	0	0
ICF INTERNATIONAL INC	COM	44925C103	1,390,917	9,234	SH	DFND	1	9,234	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	602,318	15,596	SH	DFND	1	15,596	0	0
ICON PLC	PLC SHS	G4705A100	260,025	774	SH	DFND	1	774	0	0
ICU MEDICAL INC	COM	44930G107	118,803	1,107	SH	DFND	1	1,107	0	0
IDACORP INC	COM	451107106	6,223,537	66,999	SH	DFND	1	66,999	0	0
IDEAYA BIOSCIENCES INC	COM	45166A102	1,423,028	32,430	SH	DFND	1	32,430	0	0
IDEX CORP	COM	45167R104	4,838,673	19,829	SH	DFND	1	19,829	0	0
IDEXX LABORATORIES INC	COM	45168D104	16,693,556	30,918	SH	DFND	1	30,918	0	0
IDT CORP CLASS B	COM	448947507	285,768	7,558	SH	DFND	1	7,558	0	0
IES HOLDINGS INC	COM	44951W106	491,182	4,038	SH	DFND	1	4,038	0	0
IGM BIOSCIENCES INC	COM	449585108	63,198	6,549	SH	DFND	1	6,549	0	0
IHEARTMEDIA INC CLASS A	CL A	45174J509	106,995	51,194	SH	DFND	1	51,194	0	0
IKENA ONCOLOGY INC	COM	45175G108	21,662	15,255	SH	DFND	1	15,255	0	0
ILLINOIS TOOL WORKS	COM	452308109	23,211,618	86,504	SH	DFND	1	86,504	0	0
ILLUMINA INC	COM	452327109	7,252,556	52,815	SH	DFND	1	52,815	0	0
IMAX CORP	COM	45245E109	358,182	22,151	SH	DFND	1	22,151	0	0
IMMERSON CORPORATION	COM	452521107	113,689	15,199	SH	DFND	1	15,199	0	0
IMMUNEERING CORP CLASS A	CL A	45254E107	31,888	11,034	SH	DFND	1	11,034	0	0
IMMUNITYBIO INC	COM	45256X103	350,881	65,341	SH	DFND	1	65,341	0	0
IMMUNOVANT INC	COM	45258J102	859,155	26,591	SH	DFND	1	26,591	0	0
IMPINJ INC	COM	453204109	1,477,100	11,503	SH	DFND	1	11,503	0	0
INARI MEDICAL INC	COM	45332Y109	1,379,377	28,749	SH	DFND	1	28,749	0	0

INCYTE CORP	COM	45337C102	2,835,967	49,780	SH	DFND	1	49,780	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	6,557,103	406,516	SH	DFND	1	406,516	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	249,064	9,825	SH	DFND	1	9,825	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,237,244	23,784	SH	DFND	1	23,784	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	890,586	19,509	SH	DFND	1	19,509	0	0
INDIE SEMICONDUCTOR INC A	CL A	45569U101	525,725	74,255	SH	DFND	1	74,255	0	0
INFINERA CORP	COM	45667G103	593,020	98,345	SH	DFND	1	98,345	0	0
INFORMATICA INC CLASS A	CL A	45674M101	13,510	386	SH	DFND	1	386	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	69,892	17,300	SH	DFND	1	17,300	0	0
INFUSYSTEM HOLDINGS INC	COM	45685K102	77,790	9,077	SH	DFND	1	9,077	0	0
INGERSOLL RAND INC	COM	45687V106	10,338,726	108,886	SH	DFND	1	108,886	0	0
INGEVITY CORP	COM	45688C107	934,491	19,591	SH	DFND	1	19,591	0	0
INGLES MARKETS INC CLASS A	COM	457030104	537,067	7,004	SH	DFND	1	7,004	0	0
INGREDION INC	COM	457187102	10,084,856	86,306	SH	DFND	1	86,306	0	0
INHIBRX INC	COM	45720L107	591,733	16,926	SH	DFND	1	16,926	0	0
INMODE LTD	LTD SHS	M5425M103	825,199	38,186	SH	DFND	1	38,186	0	0
INNODATA INC	COM	457642205	85,510	12,956	SH	DFND	1	12,956	0	0
INNOSPEC INC	COM	45768S105	1,735,275	13,458	SH	DFND	1	13,458	0	0
INNOVAGE HOLDING CORP	COM	45784A104	41,399	9,324	SH	DFND	1	9,324	0	0
INNOVATE CORP	COM	45784J105	24,102	34,397	SH	DFND	1	34,397	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	1,560,555	15,072	SH	DFND	1	15,072	0	0
INNOVIVA INC	COM	45781M101	478,125	31,373	SH	DFND	1	31,373	0	0
INOGEN INC	COM	45780L104	92,692	11,486	SH	DFND	1	11,486	0	0
INOZYME PHARMA INC	COM	45790W108	180,224	23,528	SH	DFND	1	23,528	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	2,810,999	15,152	SH	DFND	1	15,152	0	0
INSMED INC	COM	457669307	1,848,258	68,126	SH	DFND	1	68,126	0	0
INSPERITY INC	COM	45778Q107	7,030,057	64,137	SH	DFND	1	64,137	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	104,388	486	SH	DFND	1	486	0	0
INSPIRED ENTERTAINMENT INC	COM	45782N108	105,463	10,696	SH	DFND	1	10,696	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	3,305,534	12,776	SH	DFND	1	12,776	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	387,665	10,143	SH	DFND	1	10,143	0	0
INSTRUCTURE HOLDINGS INC	COM	457790103	205,569	9,615	SH	DFND	1	9,615	0	0
INSULET CORP	COM	45784P101	3,273,740	19,100	SH	DFND	1	19,100	0	0
INTAPP INC	COM	45827U109	673,721	19,642	SH	DFND	1	19,642	0	0
INTEGER HOLDINGS CORP	COM	45826H109	2,090,789	17,919	SH	DFND	1	17,919	0	0
INTEGRA LIFESCIENCES HOLDING	COM	457985208	3,191,564	90,030	SH	DFND	1	90,030	0	0
INTEGRAL AD SCIENCE HOLDING	COM	45828L108	331,283	33,228	SH	DFND	1	33,228	0	0
INTEL CORP	COM	458140100	62,816,940	1,422,163	SH	DFND	1	1,422,163	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	1,215,392	44,180	SH	DFND	1	44,180	0	0
INTER PARFUMS INC	COM	458334109	1,388,660	9,883	SH	DFND	1	9,883	0	0
INTERACTIVE BROKERS	CL A	45841N107	15,821,487	141,630	SH	DFND	1	141,630	0	0

GRO CL A										
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	24,267,527	176,581	SH	DFND	1	176,581	0	0
INTERDIGITAL INC	COM	45867G101	1,477,558	13,879	SH	DFND	1	13,879	0	0
INTERFACE INC	COM	458665304	520,798	30,963	SH	DFND	1	30,963	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	5,428,906	96,703	SH	DFND	1	96,703	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	1,209,762	53,553	SH	DFND	1	53,553	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	354,778	15,540	SH	DFND	1	15,540	0	0
INTERNATIONAL PAPER CO	COM	460146103	3,530,998	90,492	SH	DFND	1	90,492	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	1,065,756	20,033	SH	DFND	1	20,033	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	3,269,004	100,184	SH	DFND	1	100,184	0	0
INTEST CORP	COM	461147100	76,545	5,777	SH	DFND	1	5,777	0	0
INTEVAC INC	COM	461148108	49,014	12,764	SH	DFND	1	12,764	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	44,255,935	231,755	SH	DFND	1	231,755	0	0
INTL FLAVORS AND FRAGRANCES	COM	459506101	5,740,778	66,761	SH	DFND	1	66,761	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	3,195,656	46,180	SH	DFND	1	46,180	0	0
INTREPID POTASH INC	COM	46121Y201	109,286	5,239	SH	DFND	1	5,239	0	0
INTUIT INC	COM	461202103	69,967,950	107,643	SH	DFND	1	107,643	0	0
INTUITIVE SURGICAL INC	COM	46120E602	46,153,162	115,646	SH	DFND	1	115,646	0	0
INVENTRUST PROPERTIES CORP	COM	46124J201	862,031	33,529	SH	DFND	1	33,529	0	0
INVESCO LTD	COM	G491BT108	1,938,392	116,841	SH	DFND	1	116,841	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B704	233,269	24,098	SH	DFND	1	24,098	0	0
INVESTORS TITLE CO	COM	461804106	98,077	601	SH	DFND	1	601	0	0
INVITATION HOMES INC	COM	46187W107	5,367,638	150,734	SH	DFND	1	150,734	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	95,717	2,208	SH	DFND	1	2,208	0	0
IONQ INC	COM	46222L108	806,373	80,718	SH	DFND	1	80,718	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	1,733,214	116,951	SH	DFND	1	116,951	0	0
IPG PHOTONICS CORP	COM	44980X109	3,549,062	39,134	SH	DFND	1	39,134	0	0
IQIYI INC ADR	ADR	46267X108	24,289	5,742	SH	DFND	1	5,742	0	0
IQVIA HOLDINGS INC	COM	46266C105	12,599,233	49,821	SH	DFND	1	49,821	0	0
IRADIMED CORP	COM	46266A109	158,496	3,603	SH	DFND	1	3,603	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,754,732	15,127	SH	DFND	1	15,127	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	4,313,862	164,903	SH	DFND	1	164,903	0	0
IROBOT CORP	COM	462726100	118,444	13,521	SH	DFND	1	13,521	0	0
IRON MOUNTAIN INC	COM	46284V101	6,336,349	78,997	SH	DFND	1	78,997	0	0
IRONWOOD PHARMACEUTICALS INC	COM	46333X108	650,559	74,691	SH	DFND	1	74,691	0	0
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	8,366,094	102,300	SH	DFND	1	102,300	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	147,042	1,400	SH	DFND	1	1,400	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	1,343,604	14,200	SH	DFND	1	14,200	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	8,708,912	75,200	SH	DFND	1	75,200	0	0

ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,091,986	22,100	SH	DFND	1	22,100	0	0
ISHARES CORE S AND P SMALL CAP ETF	CORE S&P SCP ETF	464287804	298,404	2,700	SH	DFND	1	2,700	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	13,811,056	126,800	SH	DFND	1	126,800	0	0
ISHARES MSCI CHINA A ETF	ETF	46434V514	3,552,555	136,900	SH	DFND	1	136,900	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	207,636	2,600	SH	DFND	1	2,600	0	0
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	5,699,130	27,100	SH	DFND	1	27,100	0	0
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	662,012	5,800	SH	DFND	1	5,800	0	0
ISHARES RUSSELL MID CAP VALUE	RUS MD CP VAL ETF	464287473	797,725	6,365	SH	DFND	1	6,365	0	0
ISHARES S AND P 500 VALUE ETF	S&P 500 VAL ETF	464287408	17,728,269	94,900	SH	DFND	1	94,900	0	0
ISPIRE TECHNOLOGY INC	COM	46501C100	53,055	8,655	SH	DFND	1	8,655	0	0
ITEOS THERAPEUTICS INC	COM	46565G104	166,585	12,213	SH	DFND	1	12,213	0	0
ITERIS INC	COM	46564T107	104,002	21,053	SH	DFND	1	21,053	0	0
ITRON INC	COM	465741106	2,273,772	24,576	SH	DFND	1	24,576	0	0
ITT INC	COM	45073V108	14,783,876	108,681	SH	DFND	1	108,681	0	0
IVANHOE ELECTRIC INC / US	COM	46578C108	309,219	31,553	SH	DFND	1	31,553	0	0
J AND J SNACK FOODS CORP	COM	466032109	1,177,730	8,147	SH	DFND	1	8,147	0	0
J. JILL INC	COM	46620W201	71,677	2,242	SH	DFND	1	2,242	0	0
JABIL INC	COM	466313103	4,642,841	34,661	SH	DFND	1	34,661	0	0
JACK HENRY AND ASSOCIATES INC	COM	426281101	3,344,303	19,250	SH	DFND	1	19,250	0	0
JACK IN THE BOX INC	COM	466367109	727,805	10,628	SH	DFND	1	10,628	0	0
JACKSON FINANCIAL INC A	CL A	46817M107	2,821,069	42,653	SH	DFND	1	42,653	0	0
JACOBS SOLUTIONS INC	COM	46982L108	5,051,875	32,862	SH	DFND	1	32,862	0	0
JAKKS PACIFIC INC	COM	47012E403	89,760	3,634	SH	DFND	1	3,634	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	169,781	18,256	SH	DFND	1	18,256	0	0
JAMF HOLDING CORP	COM	47074L105	639,773	34,865	SH	DFND	1	34,865	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	5,770,123	175,437	SH	DFND	1	175,437	0	0
JANUS INTERNATIONAL GROUP IN	COM	47103N106	633,584	41,876	SH	DFND	1	41,876	0	0
JANUX THERAPEUTICS INC	COM	47103J105	320,929	8,524	SH	DFND	1	8,524	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	10,065,547	83,587	SH	DFND	1	83,587	0	0
JBG SMITH PROPERTIES	COM	46590V100	807,668	50,322	SH	DFND	1	50,322	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	9,901,773	224,530	SH	DFND	1	224,530	0	0
JELD WEN HOLDING INC	COM	47580P103	891,278	41,982	SH	DFND	1	41,982	0	0
JETBLUE AIRWAYS CORP	COM	477143101	1,344,549	181,206	SH	DFND	1	181,206	0	0
JM SMUCKER CO/THE	COM	832696405	3,726,004	29,602	SH	DFND	1	29,602	0	0
JOBY AVIATION INC	COM	G65163100	736,646	137,434	SH	DFND	1	137,434	0	0
JOHN B. SANFILIPPO AND SON INC	COM	800422107	512,547	4,839	SH	DFND	1	4,839	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	1,802,430	17,184	SH	DFND	1	17,184	0	0
JOHN MARSHALL	COM	47805L101	110,065	6,142	SH	DFND	1	6,142	0	0

BANCORP INC										
JOHNSON AND JOHNSON	COM	478160104	96,451,449	609,719	SH	DFND	1	609,719	0	0
JOHNSON CONTROLS INTERNATION	COM	G51502105	11,274,885	172,610	SH	DFND	1	172,610	0	0
JOHNSON OUTDOORS INC A	COM	479167108	123,068	2,669	SH	DFND	1	2,669	0	0
JOINT CORP/THE	COM	47973J102	91,642	7,017	SH	DFND	1	7,017	0	0
JONES LANG LASALLE INC	COM	48020Q107	12,285,012	62,971	SH	DFND	1	62,971	0	0
JOYY INC ADR	ADS RESTG COM A	46591M109	16,913	550	SH	DFND	1	550	0	0
JPMORGAN CHASE AND CO	COM	46625H100	146,667,271	732,238	SH	DFND	1	732,238	0	0
JUNIPER NETWORKS INC	COM	48203R104	3,118,747	84,154	SH	DFND	1	84,154	0	0
KADANT INC	COM	48282T104	1,891,825	5,766	SH	DFND	1	5,766	0	0
KAISER ALUMINUM CORP	COM	483007704	768,675	8,602	SH	DFND	1	8,602	0	0
KALTURA INC	COM	483467106	57,252	42,409	SH	DFND	1	42,409	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	183,012	15,431	SH	DFND	1	15,431	0	0
KAMAN CORP	COM	483548103	696,903	15,193	SH	DFND	1	15,193	0	0
KANZHUN LTD ADR	LTD SPONS ADS	48553T106	43,825	2,500	SH	DFND	1	2,500	0	0
KARAT PACKAGING INC	COM	48563L101	95,758	3,347	SH	DFND	1	3,347	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	84,282	55,816	SH	DFND	1	55,816	0	0
KB HOME	COM	48666K109	9,234,955	130,290	SH	DFND	1	130,290	0	0
KBR INC	COM	48242W106	11,402,079	179,109	SH	DFND	1	179,109	0	0
KE HOLDINGS INC ADR	SPON ADS	482497104	116,705	8,500	SH	DFND	1	8,500	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	175,960	27,323	SH	DFND	1	27,323	0	0
KELLANOVA	COM	487836108	4,485,406	78,293	SH	DFND	1	78,293	0	0
KELLY SERVICES INC A	COM	488152208	423,076	16,896	SH	DFND	1	16,896	0	0
KEMPER CORP	COM	488401100	4,955,767	80,035	SH	DFND	1	80,035	0	0
KENNAMETAL INC	COM	489170100	1,072,370	42,998	SH	DFND	1	42,998	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	553,547	64,516	SH	DFND	1	64,516	0	0
KENVUE INC	COM	49177J102	9,367,912	436,529	SH	DFND	1	436,529	0	0
KEROS THERAPEUTICS INC	COM	492327101	837,629	12,653	SH	DFND	1	12,653	0	0
KEURIG DR PEPPER INC	COM	49271V100	15,550,365	507,022	SH	DFND	1	507,022	0	0
KEYCORP	COM	493267108	3,871,695	244,889	SH	DFND	1	244,889	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	7,835,264	50,104	SH	DFND	1	50,104	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	31,711	35,172	SH	DFND	1	35,172	0	0
KFORCE INC	COM	493732101	654,355	9,279	SH	DFND	1	9,279	0	0
KILROY REALTY CORP	COM	49427F108	5,151,566	141,410	SH	DFND	1	141,410	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	255,687	11,810	SH	DFND	1	11,810	0	0
KIMBERLY CLARK CORP	COM	494368103	16,461,598	127,264	SH	DFND	1	127,264	0	0
KIMCO REALTY CORP	COM	49446R109	3,414,611	174,126	SH	DFND	1	174,126	0	0
KINDER MORGAN INC	COM	49456B101	8,982,914	489,799	SH	DFND	1	489,799	0	0
KINETIK HOLDINGS INC	CL A	02215L209	715,786	17,953	SH	DFND	1	17,953	0	0
KINGSWAY FINANCIAL SERVICES	COM	496904202	46,979	5,633	SH	DFND	1	5,633	0	0
KINIKSA	COM	G5269C101	309,051	15,664	SH	DFND	1	15,664	0	0

PHARMACEUTICALS A

KINSALE CAPITAL GROUP INC	COM	49714P108	15,386,951	29,323	SH	DFND	1	29,323	0	0
KIRBY CORP	COM	497266106	7,456,788	78,229	SH	DFND	1	78,229	0	0
KITE REALTY GROUP TRUST	COM	49803T300	8,584,933	395,984	SH	DFND	1	395,984	0	0
KKR AND CO INC	COM	48251W104	688,671	6,847	SH	DFND	1	6,847	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	319,355	31,745	SH	DFND	1	31,745	0	0
KLA CORP	COM	482480100	33,393,043	47,802	SH	DFND	1	47,802	0	0
KLX ENERGY SERVICES HOLDING	COM	48253L205	48,321	6,243	SH	DFND	1	6,243	0	0
KNIFE RIVER CORP	COM	498894104	8,295,943	102,318	SH	DFND	1	102,318	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	11,750,236	213,563	SH	DFND	1	213,563	0	0
KNOWLES CORP	COM	49926D109	771,560	47,923	SH	DFND	1	47,923	0	0
KODIAK GAS SERVICES INC	COM	50012A108	213,744	7,818	SH	DFND	1	7,818	0	0
KODIAK SCIENCES INC	COM	50015M109	84,076	15,984	SH	DFND	1	15,984	0	0
KOHL'S CORP	COM	500255104	176,183	6,044	SH	DFND	1	6,044	0	0
KONTOOR BRANDS INC	COM	50050N103	1,809,609	30,035	SH	DFND	1	30,035	0	0
KOPPERS HOLDINGS INC	COM	50060P106	601,960	10,911	SH	DFND	1	10,911	0	0
KORN FERRY	COM	500643200	1,852,262	28,167	SH	DFND	1	28,167	0	0
KORU MEDICAL SYSTEMS INC	COM	759910102	39,957	16,931	SH	DFND	1	16,931	0	0
KOSMOS ENERGY LTD	COM	500688106	1,341,822	225,138	SH	DFND	1	225,138	0	0
KRAFT HEINZ CO/THE	COM	500754106	15,349,625	415,979	SH	DFND	1	415,979	0	0
KRATOS DEFENSE AND SECURITY	COM	50077B207	1,304,980	71,000	SH	DFND	1	71,000	0	0
KRISPY KREME INC	COM	50101L106	657,710	43,171	SH	DFND	1	43,171	0	0
KROGER CO	COM	501044101	9,884,404	173,016	SH	DFND	1	173,016	0	0
KRONOS WORLDWIDE INC	COM	50105F105	128,443	10,885	SH	DFND	1	10,885	0	0
KRYSTAL BIOTECH INC	COM	501147102	1,895,310	10,652	SH	DFND	1	10,652	0	0
KULICKE AND SOFFA INDUSTRIES	COM	501242101	1,508,545	29,985	SH	DFND	1	29,985	0	0
KURA ONCOLOGY INC	COM	50127T109	741,751	34,775	SH	DFND	1	34,775	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	331,085	2,875	SH	DFND	1	2,875	0	0
KVH INDUSTRIES INC	COM	482738101	47,155	9,246	SH	DFND	1	9,246	0	0
KYMERA THERAPEUTICS INC	COM	501575104	807,819	20,095	SH	DFND	1	20,095	0	0
KYNDRYL HOLDINGS INC	COM	50155Q100	6,627,334	304,565	SH	DFND	1	304,565	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	10,230,292	48,007	SH	DFND	1	48,007	0	0
LA Z BOY INC	COM	505336107	880,082	23,394	SH	DFND	1	23,394	0	0
LABORATORY CRP OF AMER HLDGS	COM	50540R409	4,850,467	22,203	SH	DFND	1	22,203	0	0
LADDER CAPITAL CORP REIT	COM	505743104	621,633	55,852	SH	DFND	1	55,852	0	0
LAKELAND BANCORP INC	COM	511637100	372,160	30,757	SH	DFND	1	30,757	0	0
LAKELAND FINANCIAL CORP	COM	511656100	890,280	13,424	SH	DFND	1	13,424	0	0
LAM RESEARCH CORP	COM	512807108	46,271,021	47,625	SH	DFND	1	47,625	0	0
LAMAR ADVERTISING CO A	COM	512816109	13,909,832	116,488	SH	DFND	1	116,488	0	0
LAMB WESTON HOLDINGS INC	COM	513272104	4,244,688	39,845	SH	DFND	1	39,845	0	0
LANCASTER COLONY	COM	513847103	7,561,885	36,420	SH	DFND	1	36,420	0	0

CORP										
LANDS END INC	COM	51509F105	77,972	7,160	SH	DFND	1	7,160	0	0
LANDSEA HOMES CORP	COM	51509P103	141,755	9,756	SH	DFND	1	9,756	0	0
LANDSTAR SYSTEM INC	COM	515098101	9,217,976	47,821	SH	DFND	1	47,821	0	0
LANTHEUS HOLDINGS INC	COM	516544103	7,695,229	123,638	SH	DFND	1	123,638	0	0
LANZATECH GLOBAL INC	COM	51655R101	31,470	10,168	SH	DFND	1	10,168	0	0
LARIMAR THERAPEUTICS INC	COM	517125100	97,342	12,825	SH	DFND	1	12,825	0	0
LAS VEGAS SANDS CORP	COM	517834107	4,948,517	95,716	SH	DFND	1	95,716	0	0
LATHAM GROUP INC	COM	51819L107	75,822	19,147	SH	DFND	1	19,147	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	14,382,194	183,845	SH	DFND	1	183,845	0	0
LAUREATE EDUCATION INC	COM	518613203	941,382	64,611	SH	DFND	1	64,611	0	0
LAZARD INC	COM	52110M109	37,725	901	SH	DFND	1	901	0	0
LAZYDAYS HOLDINGS INC	COM	52110H100	15,125	3,753	SH	DFND	1	3,753	0	0
LCI INDUSTRIES	COM	50189K103	1,644,451	13,363	SH	DFND	1	13,363	0	0
LCNB CORPORATION	COM	50181P100	92,675	5,814	SH	DFND	1	5,814	0	0
LEAR CORP	COM	521865204	10,939,020	75,504	SH	DFND	1	75,504	0	0
LEGACY HOUSING CORP	COM	52472M101	114,788	5,334	SH	DFND	1	5,334	0	0
LEGALZOOMCOM INC	COM	52466B103	879,720	65,946	SH	DFND	1	65,946	0	0
LEGEND BIOTECH CORP ADR	SPONS ADS	52490G102	50,481	900	SH	DFND	1	900	0	0
LEGGETT AND PLATT INC	COM	524660107	3,381,430	176,576	SH	DFND	1	176,576	0	0
LEIDOS HOLDINGS INC	COM	525327102	4,712,948	35,952	SH	DFND	1	35,952	0	0
LEMAITRE VASCULAR INC	COM	525558201	706,933	10,653	SH	DFND	1	10,653	0	0
LEMONADE INC	COM	52567D107	410,217	24,998	SH	DFND	1	24,998	0	0
LENDINGCLUB CORP	COM	52603A208	470,608	53,539	SH	DFND	1	53,539	0	0
LENDINGTREE INC	COM	52603B107	222,158	5,247	SH	DFND	1	5,247	0	0
LENNAR CORP B SHS	COM	526057302	16,497	107	SH	DFND	1	107	0	0
LENNAR CORP A	COM	526057104	11,761,712	68,390	SH	DFND	1	68,390	0	0
LENNOX INTERNATIONAL INC	COM	526107107	20,718,048	42,389	SH	DFND	1	42,389	0	0
LENZ THERAPEUTICS INC	COM	52635N103	44,051	1,973	SH	DFND	1	1,973	0	0
LEONARDO DRS INC	COM	52661A108	748,034	33,863	SH	DFND	1	33,863	0	0
LESLIE S INC	COM	527064109	624,923	96,142	SH	DFND	1	96,142	0	0
LEXEO THERAPEUTICS INC	COM	52886X107	79,231	5,053	SH	DFND	1	5,053	0	0
LEXICON PHARMACEUTICALS INC	COM	528872302	109,579	45,658	SH	DFND	1	45,658	0	0
LGI HOMES INC	COM	50187T106	1,305,322	11,217	SH	DFND	1	11,217	0	0
LI CYCLE HOLDINGS CORP	COM	50202P105	70,792	68,730	SH	DFND	1	68,730	0	0
LIBERTY BROADBAND A	COM	530307107	9,425	165	SH	DFND	1	165	0	0
LIBERTY BROADBAND C	COM	530307305	66,558	1,163	SH	DFND	1	1,163	0	0
LIBERTY ENERGY INC	COM	53115L104	1,824,665	88,063	SH	DFND	1	88,063	0	0
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	118,734	17,035	SH	DFND	1	17,035	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	474,013	67,813	SH	DFND	1	67,813	0	0
LIBERTY MEDIA CORP	COM SER	531229813	18,176	612	SH	DFND	1	612	0	0

CL A NEW	A										
LIBERTY MEDIA CORP LIB NEW A	COM SER A	531229771	11,513	196	SH	DFND	1	196	0	0	
LIBERTY MEDIA CORP LIB NEW C	COM SER C	531229755	104,829	1,598	SH	DFND	1	1,598	0	0	
LIBERTY MEDIA CORP LIBER NEW	COM SER C	531229789	37,583	1,265	SH	DFND	1	1,265	0	0	
LIBERTY MEDIA CORP LIBERTY A	CL A	531229748	6,818	161	SH	DFND	1	161	0	0	
LIBERTY MEDIA CORP LIBERTY C	CL C	531229722	16,871	385	SH	DFND	1	385	0	0	
LIFE TIME GROUP HOLDINGS INC	COM	53190C102	341,688	22,016	SH	DFND	1	22,016	0	0	
LIFESTANCE HEALTH GROUP INC	COM	53228F101	322,734	52,307	SH	DFND	1	52,307	0	0	
LIGAND PHARMACEUTICALS	COM	53220K504	662,432	9,062	SH	DFND	1	9,062	0	0	
LIGHT AND WONDER INC	COM	80874P109	16,643,324	163,026	SH	DFND	1	163,026	0	0	
LIGHTWAVE LOGIC INC	COM	532275104	270,265	57,749	SH	DFND	1	57,749	0	0	
LIMBACH HOLDINGS INC	COM	53263P105	187,923	4,537	SH	DFND	1	4,537	0	0	
LIMONEIRA CO	COM	532746104	168,783	8,629	SH	DFND	1	8,629	0	0	
LINCOLN EDUCATIONAL SERVICES	COM	533535100	120,592	11,674	SH	DFND	1	11,674	0	0	
LINCOLN ELECTRIC HOLDINGS	COM	533900106	19,450,479	76,145	SH	DFND	1	76,145	0	0	
LINCOLN NATIONAL CORP	COM	534187109	299,887	9,392	SH	DFND	1	9,392	0	0	
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	160,793	17,234	SH	DFND	1	17,234	0	0	
LINDE PLC	PLC SHS	G54950103	83,502,844	179,839	SH	DFND	1	179,839	0	0	
LINDSAY CORP	COM	535555106	701,724	5,964	SH	DFND	1	5,964	0	0	
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	96,788	65,397	SH	DFND	1	65,397	0	0	
LIONS GATE ENTERTAINMENT A	COM	535919401	285,864	28,730	SH	DFND	1	28,730	0	0	
LIONS GATE ENTERTAINMENT B	COM	535919500	553,088	59,408	SH	DFND	1	59,408	0	0	
LIQUIDIA CORP	COM	53635D202	365,889	24,806	SH	DFND	1	24,806	0	0	
LIQUIDITY SERVICES INC	COM	53635B107	230,677	12,402	SH	DFND	1	12,402	0	0	
LITHIA MOTORS INC	CL A	536797103	10,958,826	36,425	SH	DFND	1	36,425	0	0	
LITTELFUSE INC	COM	537008104	7,987,371	32,958	SH	DFND	1	32,958	0	0	
LIVANOVA PLC	COM	G5509L101	5,460,303	97,610	SH	DFND	1	97,610	0	0	
LIVE NATION ENTERTAINMENT IN	COM	538034109	4,114,559	38,901	SH	DFND	1	38,901	0	0	
LIVE OAK BANCSHARES INC	COM	53803X105	688,651	16,590	SH	DFND	1	16,590	0	0	
LIVEPERSON INC	COM	538146101	38,586	38,687	SH	DFND	1	38,687	0	0	
LIVERAMP HOLDINGS INC	COM	53815P108	1,204,430	34,911	SH	DFND	1	34,911	0	0	
LIVEWIRE GROUP INC	COM	53838J105	68,577	9,485	SH	DFND	1	9,485	0	0	
LKQ CORP	COM	501889208	3,737,205	69,972	SH	DFND	1	69,972	0	0	
LOCKHEED MARTIN CORP	COM	539830109	24,777,224	54,471	SH	DFND	1	54,471	0	0	
LOEWS CORP	COM	540424108	3,731,145	47,658	SH	DFND	1	47,658	0	0	
LONGBOARD PHARMACEUTICALS IN	COM	54300N103	265,313	12,283	SH	DFND	1	12,283	0	0	
LOOP MEDIA INC	COM	54352F206	7,092	19,357	SH	DFND	1	19,357	0	0	
LOUISIANA PACIFIC CORP	COM	546347105	7,128,994	84,960	SH	DFND	1	84,960	0	0	
LOVESAC CO/THE	COM	54738L109	159,353	7,051	SH	DFND	1	7,051	0	0	

LOWE S COS INC	COM	548661107	42,798,716	168,016	SH	DFND	1	168,016	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	332,099	1,257	SH	DFND	1	1,257	0	0
LSB INDUSTRIES INC	COM	502160104	232,389	26,468	SH	DFND	1	26,468	0	0
LSI INDUSTRIES INC	COM	50216C108	208,837	13,812	SH	DFND	1	13,812	0	0
LTC PROPERTIES INC	COM	502175102	719,966	22,146	SH	DFND	1	22,146	0	0
LUCID GROUP INC	COM	549498103	17,488	6,136	SH	DFND	1	6,136	0	0
LULULEMON ATHLETICA INC	COM	550021109	16,182,676	41,425	SH	DFND	1	41,425	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	848,312	543,790	SH	DFND	1	543,790	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	4,224,236	89,213	SH	DFND	1	89,213	0	0
LUMINAR TECHNOLOGIES INC	CL A	550424105	282,728	143,517	SH	DFND	1	143,517	0	0
LUNA INNOVATIONS INC	COM	550351100	51,466	16,058	SH	DFND	1	16,058	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	136,573	13,170	SH	DFND	1	13,170	0	0
LXP INDUSTRIAL TRUST	COM	529043101	1,411,468	156,482	SH	DFND	1	156,482	0	0
LYELL IMMUNOPHARMA INC	COM	55083R104	190,719	85,524	SH	DFND	1	85,524	0	0
LYFT INC A	COM	55087P104	112,733	5,826	SH	DFND	1	5,826	0	0
LYONDELLBASELL INDUSTRIAL A	CL A	N53745100	6,848,873	66,962	SH	DFND	1	66,962	0	0
M AND T BANK CORP	COM	55261F104	6,318,641	43,445	SH	DFND	1	43,445	0	0
M/I HOMES INC	COM	55305B101	1,986,836	14,578	SH	DFND	1	14,578	0	0
MACATAWA BANK CORP	COM	554225102	127,006	12,973	SH	DFND	1	12,973	0	0
MACERICH CO/THE	COM	554382101	2,009,173	116,609	SH	DFND	1	116,609	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	9,504,512	99,378	SH	DFND	1	99,378	0	0
MACROGENICS INC	COM	556099109	441,497	29,993	SH	DFND	1	29,993	0	0
MACY S INC	COM	55616P104	7,251,652	362,764	SH	DFND	1	362,764	0	0
MADISON SQUARE GARDEN ENTERT	CL A	558256103	768,281	19,594	SH	DFND	1	19,594	0	0
MADISON SQUARE GARDEN SPORTS	CL A	55825T103	171,050	927	SH	DFND	1	927	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	1,947,256	7,292	SH	DFND	1	7,292	0	0
MAGNITE INC	COM	55955D100	717,272	66,723	SH	DFND	1	66,723	0	0
MAGNOLIA OIL AND GAS CORP A	COM	559663109	2,486,451	95,817	SH	DFND	1	95,817	0	0
MAIDEN HOLDINGS LTD	LTD SHS	G5753U112	100,670	44,742	SH	DFND	1	44,742	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	62,325	3,432	SH	DFND	1	3,432	0	0
MALIBU BOATS INC A	COM	56117J100	433,969	10,027	SH	DFND	1	10,027	0	0
MAMMOTH ENERGY SERVICES INC	COM	56155L108	41,794	11,482	SH	DFND	1	11,482	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	20,523,114	82,017	SH	DFND	1	82,017	0	0
MANITOWOC COMPANY INC	COM	563571405	242,982	17,184	SH	DFND	1	17,184	0	0
MANNKIND CORP	COM	56400P706	582,282	128,539	SH	DFND	1	128,539	0	0
MANPOWERGROUP INC	COM	56418H100	5,016,010	64,606	SH	DFND	1	64,606	0	0
MAPLEBEAR INC	COM	565394103	11,150	299	SH	DFND	1	299	0	0
MARATHON DIGITAL HOLDINGS IN	COM	565788106	2,494,842	110,489	SH	DFND	1	110,489	0	0
MARATHON OIL CORP	COM	565849106	4,422,542	156,053	SH	DFND	1	156,053	0	0
MARATHON PETROLEUM CORP	COM	56585A102	19,177,158	95,172	SH	DFND	1	95,172	0	0

MARAVAI LIFESCIENCES HLDGS A	CL A	56600D107	12,502	1,442	SH	DFND	1	1,442	0	0
MARCUS AND MILLICHAP INC	COM	566324109	437,444	12,802	SH	DFND	1	12,802	0	0
MARCUS CORPORATION	COM	566330106	186,706	13,093	SH	DFND	1	13,093	0	0
MARINE PRODUCTS CORP	COM	568427108	48,716	4,146	SH	DFND	1	4,146	0	0
MARINEMAX INC	COM	567908108	388,776	11,689	SH	DFND	1	11,689	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q200	243,917	26,982	SH	DFND	1	26,982	0	0
MARKEL GROUP INC	COM	570535104	164,320	108	SH	DFND	1	108	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	2,240,516	10,219	SH	DFND	1	10,219	0	0
MARKETWISE INC	CL A	57064P107	27,490	15,890	SH	DFND	1	15,890	0	0
MARQETA INC A	COM	57142B104	1,386,093	232,566	SH	DFND	1	232,566	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	21,376,460	84,723	SH	DFND	1	84,723	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	4,712,002	43,739	SH	DFND	1	43,739	0	0
MARSH AND MCLENNAN COS	COM	571748102	32,805,199	159,264	SH	DFND	1	159,264	0	0
MARTEN TRANSPORT LTD	COM	573075108	578,831	31,322	SH	DFND	1	31,322	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	10,165,619	16,558	SH	DFND	1	16,558	0	0
MARVELL TECHNOLOGY INC	COM	573874104	4,699,769	66,306	SH	DFND	1	66,306	0	0
MASCO CORP	COM	574599106	4,627,416	58,664	SH	DFND	1	58,664	0	0
MASIMO CORP	COM	574795100	8,680,304	59,110	SH	DFND	1	59,110	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	1,420,317	10,805	SH	DFND	1	10,805	0	0
MASTEC INC	COM	576323109	7,462,425	80,026	SH	DFND	1	80,026	0	0
MASTERBRAND INC	COM	57638P104	1,292,741	68,983	SH	DFND	1	68,983	0	0
MASTERCARD INC A	COM	57636Q104	123,171,640	255,771	SH	DFND	1	255,771	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	198,465	8,367	SH	DFND	1	8,367	0	0
MATADOR RESOURCES CO	COM	576485205	13,463,169	201,635	SH	DFND	1	201,635	0	0
MATCH GROUP INC	COM	57667L107	2,653,628	73,143	SH	DFND	1	73,143	0	0
MATERION CORP	COM	576690101	1,460,581	11,086	SH	DFND	1	11,086	0	0
MATIV HOLDINGS INC	COM	808541106	543,488	28,986	SH	DFND	1	28,986	0	0
MATSON INC	COM	57686G105	2,095,361	18,642	SH	DFND	1	18,642	0	0
MATTEL INC	COM	577081102	9,262,522	467,568	SH	DFND	1	467,568	0	0
MATTERPORT INC	CL A	577096100	288,774	127,776	SH	DFND	1	127,776	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	499,580	16,074	SH	DFND	1	16,074	0	0
MAUI LAND AND PINEAPPLE CO	COM	577345101	80,489	3,716	SH	DFND	1	3,716	0	0
MAXCYTE INC	COM	57777K106	180,467	43,071	SH	DFND	1	43,071	0	0
MAXEON SOLAR TECHNOLOGIE	LT SHS	Y58473102	48,282	14,499	SH	DFND	1	14,499	0	0
MAXIMUS INC	COM	577933104	9,252,912	110,285	SH	DFND	1	110,285	0	0
MAXLINEAR INC	COM	57776J100	764,798	40,964	SH	DFND	1	40,964	0	0
MAYVILLE ENGINEERING CO INC	COM	578605107	79,159	5,524	SH	DFND	1	5,524	0	0
MBIA INC	COM	55262C100	150,004	22,190	SH	DFND	1	22,190	0	0
MCCORMICK AND CO NON VTG SHRS	COM	579780206	5,459,424	71,077	SH	DFND	1	71,077	0	0
MCDONALD S CORP	COM	580135101	52,671,361	186,811	SH	DFND	1	186,811	0	0
MCGRATH RENTCORP	COM	580589109	1,502,400	12,178	SH	DFND	1	12,178	0	0

MCKESSON CORP	COM	58155Q103	19,328,211	36,003	SH	DFND	1	36,003	0	0
MDC HOLDINGS INC	COM	552676108	2,035,076	32,349	SH	DFND	1	32,349	0	0
MDU RESOURCES GROUP INC	COM	552690109	6,792,534	269,545	SH	DFND	1	269,545	0	0
MEDIAALPHA INC CLASS A	CL A	58450V104	230,670	11,324	SH	DFND	1	11,324	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	153,544	32,669	SH	DFND	1	32,669	0	0
MEDIFAST INC	COM	58470H101	221,949	5,792	SH	DFND	1	5,792	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	12,554,516	31,064	SH	DFND	1	31,064	0	0
MEDTRONIC PLC	COM	G5960L103	29,350,116	336,777	SH	DFND	1	336,777	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	97,551	16,071	SH	DFND	1	16,071	0	0
MERCADOLIBRE INC	COM	58733R102	5,254,061	3,475	SH	DFND	1	3,475	0	0
MERCANTILE BANK CORP	COM	587376104	297,720	7,735	SH	DFND	1	7,735	0	0
MERCER INTERNATIONAL INC	COM	588056101	20,248	2,035	SH	DFND	1	2,035	0	0
MERCHANTS BANCORP/IN	COM	58844R108	337,797	7,823	SH	DFND	1	7,823	0	0
MERCK AND CO. INC.	COM	58933Y105	85,985,613	651,653	SH	DFND	1	651,653	0	0
MERCURY GENERAL CORP	COM	589400100	745,723	14,452	SH	DFND	1	14,452	0	0
MERCURY SYSTEMS INC	COM	589378108	84,518	2,865	SH	DFND	1	2,865	0	0
MERIDIANLINK INC	COM	58985J105	235,377	12,587	SH	DFND	1	12,587	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	2,326,434	30,712	SH	DFND	1	30,712	0	0
MERITAGE HOMES CORP	COM	59001A102	3,448,666	19,655	SH	DFND	1	19,655	0	0
MERRIMACK PHARMACEUTICALS IN	COM	590328209	76,213	5,160	SH	DFND	1	5,160	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	244,783	54,639	SH	DFND	1	54,639	0	0
MESA LABORATORIES INC	COM	59064R109	304,940	2,779	SH	DFND	1	2,779	0	0
META PLATFORMS INC CLASS A	COM	30303M102	326,050,460	671,466	SH	DFND	1	671,466	0	0
METALLUS INC	COM	887399103	508,791	22,867	SH	DFND	1	22,867	0	0
METHODE ELECTRONICS INC	COM	591520200	222,529	18,270	SH	DFND	1	18,270	0	0
METLIFE INC	COM	59156R108	11,522,845	155,483	SH	DFND	1	155,483	0	0
METROCITY BANKSHARES INC	COM	59165J105	224,815	9,007	SH	DFND	1	9,007	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	196,273	5,098	SH	DFND	1	5,098	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	7,822,660	5,876	SH	DFND	1	5,876	0	0
MFA FINANCIAL INC	COM	55272X607	575,635	50,450	SH	DFND	1	50,450	0	0
MGE ENERGY INC	COM	55277P104	1,548,659	19,673	SH	DFND	1	19,673	0	0
MGIC INVESTMENT CORP	COM	552848103	8,065,856	360,727	SH	DFND	1	360,727	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	3,459,502	73,279	SH	DFND	1	73,279	0	0
MGP INGREDIENTS INC	COM	55303J106	736,067	8,546	SH	DFND	1	8,546	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	16,559,031	184,584	SH	DFND	1	184,584	0	0
MICRON TECHNOLOGY INC	COM	595112103	45,020,305	381,884	SH	DFND	1	381,884	0	0
MICROSOFT CORP	COM	594918104	905,083,156	2,151,272	SH	DFND	1	2,151,272	0	0
MICROSTRATEGY INC CL A	CL A	594972408	12,487,607	7,326	SH	DFND	1	7,326	0	0
MICROVAST HOLDINGS	COM	59516C106	90,730	108,399	SH	DFND	1	108,399	0	0

INC										
MICROVISION INC	COM	594960304	173,150	94,103	SH	DFND	1	94,103	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	4,015,822	30,520	SH	DFND	1	30,520	0	0
MID PENN BANCORP INC	COM	59540G107	140,310	7,012	SH	DFND	1	7,012	0	0
MIDDLEBY CORP	COM	596278101	11,408,372	70,952	SH	DFND	1	70,952	0	0
MIDDLEFIELD BANC CORP	COM	596304204	92,511	3,874	SH	DFND	1	3,874	0	0
MIDDLESEX WATER CO	COM	596680108	497,123	9,469	SH	DFND	1	9,469	0	0
MIDLAND STATES BANCORP INC	COM	597742105	257,658	10,253	SH	DFND	1	10,253	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	164,432	7,015	SH	DFND	1	7,015	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	274,498	5,479	SH	DFND	1	5,479	0	0
MILLERKNOLL INC	COM	600544100	984,680	39,769	SH	DFND	1	39,769	0	0
MIMEDX GROUP INC	COM	602496101	437,953	56,877	SH	DFND	1	56,877	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	1,321,842	17,559	SH	DFND	1	17,559	0	0
MINERALYS THERAPEUTICS INC	COM	603170101	123,587	9,573	SH	DFND	1	9,573	0	0
MIRION TECHNOLOGIES INC	CL A	60471A101	1,123,311	98,796	SH	DFND	1	98,796	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	306,364	12,196	SH	DFND	1	12,196	0	0
MISSION PRODUCE INC	COM	60510V108	283,622	23,894	SH	DFND	1	23,894	0	0
MISTER CAR WASH INC	COM	60646V105	37,580	4,849	SH	DFND	1	4,849	0	0
MISTRAS GROUP INC	COM	60649T107	98,133	10,265	SH	DFND	1	10,265	0	0
MITEK SYSTEMS INC	COM	606710200	302,685	21,467	SH	DFND	1	21,467	0	0
MKS INSTRUMENTS INC	COM	55306N104	11,071,452	83,244	SH	DFND	1	83,244	0	0
MODEL N INC	COM	607525102	541,955	19,036	SH	DFND	1	19,036	0	0
MODERNA INC	COM	60770K107	12,728,272	119,447	SH	DFND	1	119,447	0	0
MODINE MANUFACTURING CO	COM	607828100	2,415,637	25,377	SH	DFND	1	25,377	0	0
MODIVCARE INC	COM	60783X104	160,726	6,854	SH	DFND	1	6,854	0	0
MOELIS AND CO CLASS A	COM	60786M105	2,045,991	36,040	SH	DFND	1	36,040	0	0
MOHAWK INDUSTRIES INC	COM	608190104	1,809,292	13,823	SH	DFND	1	13,823	0	0
MOLINA HEALTHCARE INC	COM	60855R100	7,732,231	18,821	SH	DFND	1	18,821	0	0
MOLSON COORS BEVERAGE CO B	CL B	60871R209	3,250,798	48,339	SH	DFND	1	48,339	0	0
MONARCH CASINO AND RESORT INC	COM	609027107	544,502	7,261	SH	DFND	1	7,261	0	0
MONDAY.COM LTD	LTD SHS	M7S64H106	1,027,709	4,550	SH	DFND	1	4,550	0	0
MONDEE HOLDINGS INC	CL A	465712107	52,814	22,863	SH	DFND	1	22,863	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	30,717,820	438,826	SH	DFND	1	438,826	0	0
MONGODB INC	COM	60937P106	2,179,455	6,077	SH	DFND	1	6,077	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	9,076,751	13,399	SH	DFND	1	13,399	0	0
MONRO INC	COM	610236101	505,271	16,020	SH	DFND	1	16,020	0	0
MONSTER BEVERAGE CORP	COM	61174X109	23,831,864	402,022	SH	DFND	1	402,022	0	0
MONTAUK RENEWABLES INC	COM	61218C103	136,702	32,861	SH	DFND	1	32,861	0	0
MONTE ROSA THERAPEUTICS INC	COM	61225M102	107,484	15,246	SH	DFND	1	15,246	0	0
MONTROSE ENVIRONMENTAL	COM	615111101	544,385	13,898	SH	DFND	1	13,898	0	0

GROUP										
MOODY S CORP	COM	615369105	19,111,477	48,626	SH	DFND	1	48,626	0	0
MOOG INC CLASS A	COM	615394202	2,483,196	15,554	SH	DFND	1	15,554	0	0
MORGAN STANLEY	COM	617446448	35,473,462	376,736	SH	DFND	1	376,736	0	0
MORNINGSTAR INC	COM	617700109	10,698,280	34,693	SH	DFND	1	34,693	0	0
MORPHIC HOLDING INC	COM	61775R105	661,654	18,797	SH	DFND	1	18,797	0	0
MOSAIC CO/THE	COM	61945C103	2,774,161	85,464	SH	DFND	1	85,464	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	15,951,736	44,937	SH	DFND	1	44,937	0	0
MOVADO GROUP INC	COM	624580106	231,232	8,279	SH	DFND	1	8,279	0	0
MP MATERIALS CORP	CL A	553368101	2,721,633	190,324	SH	DFND	1	190,324	0	0
MR COOPER GROUP INC	COM	62482R107	2,713,284	34,808	SH	DFND	1	34,808	0	0
MRC GLOBAL INC	COM	55345K103	520,071	41,374	SH	DFND	1	41,374	0	0
MSA SAFETY INC	COM	553498106	9,479,328	48,966	SH	DFND	1	48,966	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	5,868,688	60,477	SH	DFND	1	60,477	0	0
MSCI INC	COM	55354G100	12,578,740	22,444	SH	DFND	1	22,444	0	0
MUELLER INDUSTRIES INC	COM	624756102	3,265,623	60,553	SH	DFND	1	60,553	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	1,231,545	76,541	SH	DFND	1	76,541	0	0
MULTIPLAN CORP	COM	62548M100	153,861	189,671	SH	DFND	1	189,671	0	0
MURAL ONCOLOGY PLC	ORD SHS	G63365103	39,986	8,177	SH	DFND	1	8,177	0	0
MURPHY OIL CORP	COM	626717102	11,997,895	262,536	SH	DFND	1	262,536	0	0
MURPHY USA INC	COM	626755102	10,588,154	25,258	SH	DFND	1	25,258	0	0
MVB FINANCIAL CORP	COM	553810102	124,824	5,595	SH	DFND	1	5,595	0	0
MYERS INDUSTRIES INC	COM	628464109	457,214	19,733	SH	DFND	1	19,733	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	1,569,894	8,882	SH	DFND	1	8,882	0	0
MYRIAD GENETICS INC	COM	62855J104	1,009,097	47,331	SH	DFND	1	47,331	0	0
N ABLE INC	COM	62878D100	492,883	37,711	SH	DFND	1	37,711	0	0
N B T BANCORP INC	COM	628778102	908,894	24,779	SH	DFND	1	24,779	0	0
NABORS INDUSTRIES LTD	COM	G6359F137	424,707	4,931	SH	DFND	1	4,931	0	0
NACCO INDUSTRIES CL A	CL A	629579103	62,514	2,070	SH	DFND	1	2,070	0	0
NANO X IMAGING LTD	LTD ORD SHS	M70700105	229,742	23,515	SH	DFND	1	23,515	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	657,500	16,372	SH	DFND	1	16,372	0	0
NASDAQ INC	COM	631103108	6,484,787	102,770	SH	DFND	1	102,770	0	0
NATERA INC	COM	632307104	166,000	1,815	SH	DFND	1	1,815	0	0
NATHAN S FAMOUS INC	COM	632347100	98,412	1,390	SH	DFND	1	1,390	0	0
NATIONAL BANK HOLD CL A	CL A	633707104	718,406	19,917	SH	DFND	1	19,917	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	95,118	2,847	SH	DFND	1	2,847	0	0
NATIONAL BEVERAGE CORP	COM	635017106	606,159	12,772	SH	DFND	1	12,772	0	0
NATIONAL FUEL GAS CO	COM	636180101	6,549,757	121,924	SH	DFND	1	121,924	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	640,967	6,782	SH	DFND	1	6,782	0	0
NATIONAL PRESTO INDS INC	COM	637215104	233,467	2,786	SH	DFND	1	2,786	0	0
NATIONAL RESEARCH CORP	COM	637372202	281,191	7,099	SH	DFND	1	7,099	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	4,003,248	102,228	SH	DFND	1	102,228	0	0
NATIONAL VISION	COM	63845R107	929,102	41,927	SH	DFND	1	41,927	0	0

HOLDINGS INC										
NATIONAL WESTERN LIFE GROU A	COM	638517102	551,979	1,122	SH	DFND	1	1,122	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,293,670	20,590	SH	DFND	1	20,590	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	83,066	4,602	SH	DFND	1	4,602	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	135,026	6,501	SH	DFND	1	6,501	0	0
NAUTILUS BIOTECHNOLOGY INC	COM	63909J108	73,147	24,880	SH	DFND	1	24,880	0	0
NAVIENT CORP	COM	63938C108	782,060	44,946	SH	DFND	1	44,946	0	0
NAVITAS SEMICONDUCTOR CORP	COM	63942X106	266,238	55,815	SH	DFND	1	55,815	0	0
NCINO INC	COM	63947X101	23,699	634	SH	DFND	1	634	0	0
NCR ATLEOS CORP	COM	63001N106	71,772	3,634	SH	DFND	1	3,634	0	0
NCR VOYIX CORP	COM	62886E108	91,997	7,284	SH	DFND	1	7,284	0	0
NELNET INC CL A	CL A	64031N108	602,163	6,362	SH	DFND	1	6,362	0	0
NEOGEN CORP	COM	640491106	5,785,279	366,621	SH	DFND	1	366,621	0	0
NEOGENOMICS INC	COM	64049M209	1,080,168	68,713	SH	DFND	1	68,713	0	0
NERDWALLET INC CL A	CL A	64082B102	244,917	16,661	SH	DFND	1	16,661	0	0
NERDY INC	CL A	64081V109	92,980	31,952	SH	DFND	1	31,952	0	0
NET LEASE OFFICE PROPERTY	COM	64110Y108	2,832	119	SH	DFND	1	119	0	0
NETAPP INC	COM	64110D104	14,460,772	137,761	SH	DFND	1	137,761	0	0
NETFLIX INC	COM	64110L106	93,639,961	154,183	SH	DFND	1	154,183	0	0
NETGEAR INC	COM	64111Q104	224,801	14,255	SH	DFND	1	14,255	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	806,879	36,945	SH	DFND	1	36,945	0	0
NETSTREIT CORP	COM	64119V303	626,582	34,109	SH	DFND	1	34,109	0	0
NEUMORA THERAPEUTICS INC	COM	640979100	100,801	7,331	SH	DFND	1	7,331	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	18,275,917	132,511	SH	DFND	1	132,511	0	0
NEVRO CORP	COM	64157F103	255,935	17,724	SH	DFND	1	17,724	0	0
NEW FORTRESS ENERGY INC	CL A	644393100	33,037	1,080	SH	DFND	1	1,080	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	7,606,141	177,258	SH	DFND	1	177,258	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	3,077,431	955,724	SH	DFND	1	955,724	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604840	353,390	49,082	SH	DFND	1	49,082	0	0
NEW YORK TIMES CO A	COM	650111107	9,360,415	216,576	SH	DFND	1	216,576	0	0
NEWELL BRANDS INC	COM	651229106	167,072	20,806	SH	DFND	1	20,806	0	0
NEWMARK GROUP INC CLASS A	COM	65158N102	741,866	66,895	SH	DFND	1	66,895	0	0
NEWMARKET CORP	COM	651587107	5,796,619	9,134	SH	DFND	1	9,134	0	0
NEWMONT CORP	COM	651639106	10,461,875	291,905	SH	DFND	1	291,905	0	0
NEWPARK RESOURCES INC	COM	651718504	266,404	36,898	SH	DFND	1	36,898	0	0
NEWS CORP CLASS A	COM	65249B109	2,601,978	99,388	SH	DFND	1	99,388	0	0
NEWS CORP CLASS B	COM	65249B208	811,800	30,000	SH	DFND	1	30,000	0	0
NEWTEKONE INC	COM	652526203	126,379	11,489	SH	DFND	1	11,489	0	0
NEXPOINT DIVERSIFIED REAL ES	COM	65340G205	101,561	15,388	SH	DFND	1	15,388	0	0
NEXPOINT REAL ESTATE FINANCE	COM	65342V101	57,095	3,976	SH	DFND	1	3,976	0	0
NEXPOINT RESIDENTIAL	COM	65341D102	392,364	12,189	SH	DFND	1	12,189	0	0
NEXSTAR MEDIA	CL A	65336K103	7,367,810	42,764	SH	DFND	1	42,764	0	0

GROUP INC										
NEXTDECADE CORP	COM	65342K105	218,652	38,495	SH	DFND	1	38,495	0	0
NEXTDOOR HOLDINGS INC	CL A	65345M108	165,850	73,711	SH	DFND	1	73,711	0	0
NEXTERA ENERGY INC	COM	65339F101	33,211,407	519,659	SH	DFND	1	519,659	0	0
NEXTNAV INC	COM	65345N106	181,674	27,610	SH	DFND	1	27,610	0	0
NEXTRACKER INC CL A	CL A	65290E101	3,492,060	62,059	SH	DFND	1	62,059	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	34,153	21,480	SH	DFND	1	21,480	0	0
NI HOLDINGS INC	COM	65342T106	60,236	3,976	SH	DFND	1	3,976	0	0
NICOLET BANKSHARES INC	COM	65406E102	556,011	6,466	SH	DFND	1	6,466	0	0
NIKE INC CL B	COM	654106103	29,451,170	313,377	SH	DFND	1	313,377	0	0
NIKOLA CORP	COM	654110105	378,682	364,117	SH	DFND	1	364,117	0	0
NIO INC ADR	ADR	62914V106	81,131	18,029	SH	DFND	1	18,029	0	0
NIOCORP DEVELOPMENTS LTD	LTD COM	654484609	2,864	1,053	SH	DFND	1	1,053	0	0
NISOURCE INC	COM	65473P105	2,990,516	108,117	SH	DFND	1	108,117	0	0
NKARTA INC	COM	65487U108	161,080	14,901	SH	DFND	1	14,901	0	0
NL INDUSTRIES	COM	629156407	30,324	4,137	SH	DFND	1	4,137	0	0
NLIGHT INC	COM	65487K100	287,001	22,077	SH	DFND	1	22,077	0	0
NMI HOLDINGS INC CLASS A	COM	629209305	1,392,657	43,063	SH	DFND	1	43,063	0	0
NNN REIT INC	COM	637417106	10,323,206	241,535	SH	DFND	1	241,535	0	0
NOBLE CORP PLC	ORD SHS A	G65431127	2,693,329	55,544	SH	DFND	1	55,544	0	0
NOODLES AND CO	COM	65540B105	36,641	19,184	SH	DFND	1	19,184	0	0
NORDIC AMERICAN TANKERS LTD	COM	G65773106	396,712	101,202	SH	DFND	1	101,202	0	0
NORDSON CORP	COM	655663102	3,902,312	14,214	SH	DFND	1	14,214	0	0
NORDSTROM INC	COM	655664100	2,616,188	129,067	SH	DFND	1	129,067	0	0
NORFOLK SOUTHERN CORP	COM	655844108	14,581,622	57,212	SH	DFND	1	57,212	0	0
NORTHEAST BANK	COM	66405S100	183,341	3,313	SH	DFND	1	3,313	0	0
NORTHEAST COMMUNITY BANCORP	COM	664121100	96,535	6,137	SH	DFND	1	6,137	0	0
NORTHERN OIL AND GAS INC	COM	665531307	1,890,435	47,642	SH	DFND	1	47,642	0	0
NORTHERN TRUST CORP	COM	665859104	4,768,068	53,622	SH	DFND	1	53,622	0	0
NORTHFIELD BANCORP INC	COM	66611T108	207,814	21,380	SH	DFND	1	21,380	0	0
NORTHRIM BANCORP INC	COM	666762109	134,054	2,654	SH	DFND	1	2,654	0	0
NORTHROP GRUMMAN CORP	COM	666807102	17,097,735	35,720	SH	DFND	1	35,720	0	0
NORTHWEST BANCSHARES INC	COM	667340103	800,844	68,742	SH	DFND	1	68,742	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	737,589	19,817	SH	DFND	1	19,817	0	0
NORTHWEST PIPE CO	COM	667746101	168,233	4,851	SH	DFND	1	4,851	0	0
NORTHWESTERN ENERGY GROUP IN	COM	668074305	5,651,498	110,966	SH	DFND	1	110,966	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	2,432,506	116,221	SH	DFND	1	116,221	0	0
NORWOOD FINANCIAL CORP	COM	669549107	97,629	3,588	SH	DFND	1	3,588	0	0
NOV INC	COM	62955J103	10,178,353	521,432	SH	DFND	1	521,432	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	357,693	119,231	SH	DFND	1	119,231	0	0
NOVANTA INC	COM	67000B104	11,319,329	64,767	SH	DFND	1	64,767	0	0

NOVAVAX INC	COM	670002401	266,877	55,832	SH	DFND	1	55,832	0	0
NOVOCURE LTD	COM	G6674U108	27,353	1,750	SH	DFND	1	1,750	0	0
NRG ENERGY INC	COM	629377508	3,995,741	59,030	SH	DFND	1	59,030	0	0
NRG ENERGY INC	COM NEW	629377508	2	34	SH	DFND	2	34	0	0
NU HOLDINGS LTD/CAYMAN ISL A	CL A	G6683N103	391,137	32,786	SH	DFND	1	32,786	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	371,654	26,873	SH	DFND	1	26,873	0	0
NUCOR CORP	COM	670346105	13,915,932	70,318	SH	DFND	1	70,318	0	0
NURIX THERAPEUTICS INC	COM	67080M103	344,862	23,460	SH	DFND	1	23,460	0	0
NUSCALE POWER CORP	CL A	67079K100	146,487	27,587	SH	DFND	1	27,587	0	0
NUTANIX INC A	COM	67059N108	154,300	2,500	SH	DFND	1	2,500	0	0
NUVALENT INC A	COM	670703107	983,454	13,097	SH	DFND	1	13,097	0	0
NUVATION BIO INC	CL A	67080N101	261,330	71,794	SH	DFND	1	71,794	0	0
NUVECTIS PHARMA INC	COM	67080T108	30,045	3,664	SH	DFND	1	3,664	0	0
NV5 GLOBAL INC	COM	62945V109	729,782	7,446	SH	DFND	1	7,446	0	0
NVE CORP	COM	629445206	212,013	2,351	SH	DFND	1	2,351	0	0
NVENT ELECTRIC PLC	COM	G6700G107	16,558,443	219,608	SH	DFND	1	219,608	0	0
NVIDIA CORP	COM	67066G104	689,190,390	762,750	SH	DFND	1	762,750	0	0
NVR INC	COM	62944T105	7,006,465	865	SH	DFND	1	865	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	20,996,773	84,743	SH	DFND	1	84,743	0	0
O I GLASS INC	COM	67098H104	1,390,176	83,796	SH	DFND	1	83,796	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	25,697,824	22,764	SH	DFND	1	22,764	0	0
OAK VALLEY BANCORP	COM	671807105	82,220	3,318	SH	DFND	1	3,318	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	12,466,187	191,817	SH	DFND	1	191,817	0	0
OCEAN BIOMEDICAL INC	COM	67644C104	16,188	4,277	SH	DFND	1	4,277	0	0
OCEANEERING INTL INC	COM	675232102	1,268,982	54,230	SH	DFND	1	54,230	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	471,443	28,729	SH	DFND	1	28,729	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	518,527	56,981	SH	DFND	1	56,981	0	0
OCWEN FINANCIAL CORP	COM	675746606	85,541	3,167	SH	DFND	1	3,167	0	0
ODP CORP/THE	COM	88337F105	916,333	17,273	SH	DFND	1	17,273	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	48,419	23,735	SH	DFND	1	23,735	0	0
OFG BANCORP	COM	67103X102	918,189	24,944	SH	DFND	1	24,944	0	0
OGE ENERGY CORP	COM	670837103	9,093,616	265,120	SH	DFND	1	265,120	0	0
OIL DRI CORP OF AMERICA	COM	677864100	180,435	2,420	SH	DFND	1	2,420	0	0
OIL STATES INTERNATIONAL INC	COM	678026105	191,527	31,092	SH	DFND	1	31,092	0	0
OKTA INC	COM	679295105	140,400	1,342	SH	DFND	1	1,342	0	0
OLAPLEX HOLDINGS INC	COM	679369108	2,060	1,073	SH	DFND	1	1,073	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	16,103,056	73,426	SH	DFND	1	73,426	0	0
OLD NATIONAL BANCORP	COM	680033107	9,218,578	529,499	SH	DFND	1	529,499	0	0
OLD REPUBLIC INTL CORP	COM	680223104	10,602,424	345,131	SH	DFND	1	345,131	0	0
OLD SECOND BANCORP INC	COM	680277100	296,162	21,399	SH	DFND	1	21,399	0	0
OLEMA PHARMACEUTICALS INC	COM	68062P106	149,775	13,231	SH	DFND	1	13,231	0	0

OLIN CORP	COM	680665205	9,355,609	159,109	SH	DFND	1	159,109	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	6,500,710	81,698	SH	DFND	1	81,698	0	0
OLO INC CLASS A	CL A	68134L109	279,935	50,990	SH	DFND	1	50,990	0	0
OLYMPIC STEEL INC	COM	68162K106	376,727	5,315	SH	DFND	1	5,315	0	0
OMEGA FLEX INC	COM	682095104	114,339	1,612	SH	DFND	1	1,612	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	10,282,552	324,678	SH	DFND	1	324,678	0	0
OMEGA THERAPEUTICS INC	COM	68217N105	43,840	12,011	SH	DFND	1	12,011	0	0
OMEROS CORP	COM	682143102	103,507	30,002	SH	DFND	1	30,002	0	0
OMNIAB INC	COM	68218J103	249,065	45,953	SH	DFND	1	45,953	0	0
OMNICELL INC	COM	68213N109	709,354	24,268	SH	DFND	1	24,268	0	0
OMNICOM GROUP	COM	681919106	5,009,652	51,774	SH	DFND	1	51,774	0	0
ON SEMICONDUCTOR	COM	682189105	10,510,736	142,906	SH	DFND	1	142,906	0	0
ON24 INC	COM	68339B104	103,309	14,469	SH	DFND	1	14,469	0	0
ONE GAS INC	COM	68235P108	6,464,164	100,173	SH	DFND	1	100,173	0	0
ONE GROUP HOSPITALITY INC/TH	COM	88338K103	59,137	10,617	SH	DFND	1	10,617	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	180,991	8,012	SH	DFND	1	8,012	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	47,207	924	SH	DFND	1	924	0	0
ONEOK INC	COM	682680103	12,515,980	156,118	SH	DFND	1	156,118	0	0
ONESPAN INC	COM	68287N100	229,762	19,756	SH	DFND	1	19,756	0	0
ONESPAWORLD HOLDINGS LTD	COM	P73684113	544,229	41,136	SH	DFND	1	41,136	0	0
ONEWATER MARINE INC CL A	CL A	68280L101	162,454	5,771	SH	DFND	1	5,771	0	0
ONTO INNOVATION INC	COM	683344105	16,065,055	88,718	SH	DFND	1	88,718	0	0
OOMA INC	COM	683416101	101,405	11,888	SH	DFND	1	11,888	0	0
OPEN LENDING CORP	CL A	68373J104	307,166	49,068	SH	DFND	1	49,068	0	0
OPENDOOR TECHNOLOGIES INC	COM	683712103	843,864	278,503	SH	DFND	1	278,503	0	0
OPENLANE INC	COM	48238T109	997,778	57,675	SH	DFND	1	57,675	0	0
OPKO HEALTH INC	COM	68375N103	238,547	198,789	SH	DFND	1	198,789	0	0
OPPI INC	CL A	68386H103	13,258	5,303	SH	DFND	1	5,303	0	0
OPTIMIZERX CORP	COM	68401U204	95,487	7,859	SH	DFND	1	7,859	0	0
OPTINOSE INC	COM	68404V100	52,462	35,933	SH	DFND	1	35,933	0	0
OPTION CARE HEALTH INC	COM	68404L201	10,587,337	315,663	SH	DFND	1	315,663	0	0
ORACLE CORP	COM	68389X105	52,667,143	419,291	SH	DFND	1	419,291	0	0
ORANGE COUNTY BANCORP INC	COM	68417L107	115,828	2,518	SH	DFND	1	2,518	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	239,167	38,889	SH	DFND	1	38,889	0	0
ORCHESTRA BIOMED HOLDINGS IN	COM	68572M106	37,844	7,181	SH	DFND	1	7,181	0	0
ORCHID ISLAND CAPITAL INC	COM	68571X301	227,170	25,439	SH	DFND	1	25,439	0	0
ORGANOGENESIS HOLDINGS INC	COM	68621F102	98,318	34,619	SH	DFND	1	34,619	0	0
ORGANON AND CO	COM	68622V106	262,410	13,958	SH	DFND	1	13,958	0	0
ORIC PHARMACEUTICALS INC	COM	68622P109	264,495	19,236	SH	DFND	1	19,236	0	0
ORIGIN BANCORP INC	COM	68621T102	449,606	14,392	SH	DFND	1	14,392	0	0
ORIGIN MATERIALS INC	COM	68622D106	29,380	57,608	SH	DFND	1	57,608	0	0
ORION OFFICE REIT INC	COM	68629Y103	97,420	27,755	SH	DFND	1	27,755	0	0
ORION SA	COM	L72967109	642,355	27,311	SH	DFND	1	27,311	0	0

ORMAT TECHNOLOGIES INC	COM	686688102	6,442,074	97,327	SH	DFND	1	97,327	0	0
ORRSTOWN FINL SERVICES INC	COM	687380105	135,081	5,046	SH	DFND	1	5,046	0	0
ORTHOFIX MEDICAL INC	COM	68752M108	251,675	17,333	SH	DFND	1	17,333	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	228,090	7,822	SH	DFND	1	7,822	0	0
OSCAR HEALTH INC CLASS A	CL A	687793109	1,180,842	79,411	SH	DFND	1	79,411	0	0
OSHKOSH CORP	COM	688239201	10,798,389	86,588	SH	DFND	1	86,588	0	0
OSI SYSTEMS INC	COM	671044105	1,237,821	8,667	SH	DFND	1	8,667	0	0
OTIS WORLDWIDE CORP	COM	68902V107	10,705,376	107,841	SH	DFND	1	107,841	0	0
OTTER TAIL CORP	COM	689648103	1,926,374	22,296	SH	DFND	1	22,296	0	0
OUTBRAIN INC	COM	69002R103	78,368	19,840	SH	DFND	1	19,840	0	0
OUTFRONT MEDIA INC	COM	69007J106	1,335,074	79,516	SH	DFND	1	79,516	0	0
OUTLOOK THERAPEUTICS INC	COM	69012T305	46,244	3,873	SH	DFND	1	3,873	0	0
OUTSET MEDICAL INC	COM	690145107	54,705	24,642	SH	DFND	1	24,642	0	0
OVERSEAS SHIPHOLDING GROUP A	CL A	69036R863	183,936	28,740	SH	DFND	1	28,740	0	0
OVID THERAPEUTICS INC	COM	690469101	89,627	29,386	SH	DFND	1	29,386	0	0
OVINTIV INC	COM	69047Q102	17,410,789	335,468	SH	DFND	1	335,468	0	0
OWENS AND MINOR INC	COM	690732102	1,112,834	40,160	SH	DFND	1	40,160	0	0
OWENS CORNING	COM	690742101	19,622,686	117,642	SH	DFND	1	117,642	0	0
OXFORD INDUSTRIES INC	COM	691497309	906,506	8,065	SH	DFND	1	8,065	0	0
P G AND E CORP	COM	69331C108	9,338,136	557,168	SH	DFND	1	557,168	0	0
P.A.M. TRANSPORTATION SVCS	COM	693149106	49,408	3,048	SH	DFND	1	3,048	0	0
P10 INC A	CL A	69376K106	181,409	21,545	SH	DFND	1	21,545	0	0
P3 HEALTH PARTNERS INC	CL A	744413105	21,050	20,437	SH	DFND	1	20,437	0	0
PACCAR INC	COM	693718108	21,845,028	176,326	SH	DFND	1	176,326	0	0
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	465,870	124,232	SH	DFND	1	124,232	0	0
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,229,928	51,247	SH	DFND	1	51,247	0	0
PACIRA BIOSCIENCES INC	COM	695127100	718,958	24,605	SH	DFND	1	24,605	0	0
PACKAGING CORP OF AMERICA	COM	695156109	4,413,903	23,258	SH	DFND	1	23,258	0	0
PACTIV EVERGREEN INC	COM	69526K105	282,648	19,738	SH	DFND	1	19,738	0	0
PAGERDUTY INC	COM	69553P100	998,147	44,010	SH	DFND	1	44,010	0	0
PAGSEGURO DIGITAL LTD CL A	CL A	G68707101	1,398,298	97,920	SH	DFND	1	97,920	0	0
PALANTIR TECHNOLOGIES INC A	CL A	69608A108	739,311	32,130	SH	DFND	1	32,130	0	0
PALO ALTO NETWORKS INC	COM	697435105	33,449,773	117,727	SH	DFND	1	117,727	0	0
PALOMAR HOLDINGS INC	COM	69753M105	1,104,209	13,172	SH	DFND	1	13,172	0	0
PANGAEA LOGISTICS SOLUTIONS	L SHS	G6891L105	125,139	17,954	SH	DFND	1	17,954	0	0
PAPA JOHN S INTL INC	COM	698813102	1,180,885	17,731	SH	DFND	1	17,731	0	0
PAR PACIFIC HOLDINGS INC	COM	69888T207	1,105,648	29,834	SH	DFND	1	29,834	0	0
PAR TECHNOLOGY CORP/DEL	COM	698884103	609,593	13,439	SH	DFND	1	13,439	0	0
PARAGON 28 INC	COM	69913P105	267,303	21,644	SH	DFND	1	21,644	0	0
PARAMOUNT GLOBAL	CL A	92556H107	1,637	75	SH	DFND	1	75	0	0

CLASS A										
PARAMOUNT GLOBAL CLASS B	CL B	92556H206	1,494,190	126,949	SH	DFND	1	126,949	0	0
PARAMOUNT GROUP INC	COM	69924R108	427,883	91,233	SH	DFND	1	91,233	0	0
PARK AEROSPACE CORP	COM	70014A104	152,497	9,170	SH	DFND	1	9,170	0	0
PARK HOTELS AND RESORTS INC	COM	700517105	4,861,188	277,941	SH	DFND	1	277,941	0	0
PARK NATIONAL CORP	COM	700658107	1,050,528	7,733	SH	DFND	1	7,733	0	0
PARK OHIO HOLDINGS CORP	COM	700666100	112,590	4,220	SH	DFND	1	4,220	0	0
PARKE BANCORP INC	COM	700885106	88,795	5,155	SH	DFND	1	5,155	0	0
PARKER HANNIFIN CORP	COM	701094104	19,201,433	34,548	SH	DFND	1	34,548	0	0
PARSONS CORP	COM	70202L102	1,688,281	20,353	SH	DFND	1	20,353	0	0
PATHWARD FINANCIAL INC	COM	59100U108	708,992	14,045	SH	DFND	1	14,045	0	0
PATRIA INVESTMENTS LTD A	CL A	G69451105	405,651	27,335	SH	DFND	1	27,335	0	0
PATRICK INDUSTRIES INC	COM	703343103	1,360,166	11,385	SH	DFND	1	11,385	0	0
PATTERSON COS INC	COM	703395103	1,244,527	45,010	SH	DFND	1	45,010	0	0
PATTERSON UTI ENERGY INC	COM	703481101	2,260,146	189,292	SH	DFND	1	189,292	0	0
PAYCHEX INC	COM	704326107	17,696,462	144,108	SH	DFND	1	144,108	0	0
PAYCOM SOFTWARE INC	COM	70432V102	2,633,499	13,233	SH	DFND	1	13,233	0	0
PAYCOR HCM INC	COM	70435P102	15,124	778	SH	DFND	1	778	0	0
PAYLOCITY HOLDING CORP	COM	70438V106	9,926,462	57,759	SH	DFND	1	57,759	0	0
PAYONEER GLOBAL INC	COM	70451X104	693,746	142,746	SH	DFND	1	142,746	0	0
PAYPAL HOLDINGS INC	COM	70450Y103	25,334,345	378,181	SH	DFND	1	378,181	0	0
PAYSAFE LTD	LTD SHS	G6964L206	252,672	16,002	SH	DFND	1	16,002	0	0
PAYSIGN INC	COM	70451A104	58,897	16,092	SH	DFND	1	16,092	0	0
PBF ENERGY INC CLASS A	COM	69318G106	11,369,211	197,485	SH	DFND	1	197,485	0	0
PC CONNECTION INC	COM	69318J100	406,722	6,169	SH	DFND	1	6,169	0	0
PCB BANCORP	COM	69320M109	87,790	5,376	SH	DFND	1	5,376	0	0
PDD HOLDINGS INC	ADR	722304102	6,195,311	53,293	SH	DFND	1	53,293	0	0
PDF SOLUTIONS INC	COM	693282105	561,919	16,689	SH	DFND	1	16,689	0	0
PDS BIOTECHNOLOGY CORP	COM	70465T107	55,250	13,952	SH	DFND	1	13,952	0	0
PEABODY ENERGY CORP	COM	704551100	1,474,596	60,783	SH	DFND	1	60,783	0	0
PEAKSTONE REALTY TRUST	COM	39818P799	287,791	17,842	SH	DFND	1	17,842	0	0
PEAPACK GLADSTONE FINL CORP	COM	704699107	202,401	8,319	SH	DFND	1	8,319	0	0
PEBBLEBROOK HOTEL TRUST	COM	70509V100	989,769	64,229	SH	DFND	1	64,229	0	0
PEDIATRIX MEDICAL GROUP INC	COM	58502B106	454,650	45,329	SH	DFND	1	45,329	0	0
PEGASYSTEMS INC	COM	705573103	45,183	699	SH	DFND	1	699	0	0
PELTON INTERACTIVE INC A	CL A	70614W100	23,996	5,600	SH	DFND	1	5,600	0	0
PENN ENTERTAINMENT INC	COM	707569109	3,591,449	197,224	SH	DFND	1	197,224	0	0
PENNANT GROUP INC/THE	COM	70805E109	275,919	14,056	SH	DFND	1	14,056	0	0
PENNS WOODS BANCORP INC	COM	708430103	69,740	3,593	SH	DFND	1	3,593	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	1,146,185	12,583	SH	DFND	1	12,583	0	0

PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	688,286	46,886	SH	DFND	1	46,886	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	4,179,666	25,802	SH	DFND	1	25,802	0	0
PENTAIR PLC	COM	G7S00T104	3,788,495	44,341	SH	DFND	1	44,341	0	0
PENUMBRA INC	COM	70975L107	11,466,319	51,377	SH	DFND	1	51,377	0	0
PEOPLES BANCORP INC	COM	709789101	509,618	17,211	SH	DFND	1	17,211	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	145,798	3,382	SH	DFND	1	3,382	0	0
PEPGEN INC	COM	713317105	72,809	4,953	SH	DFND	1	4,953	0	0
PEPSICO INC	COM	713448108	78,253,271	447,136	SH	DFND	1	447,136	0	0
PERDOCEO EDUCATION CORP	COM	71363P106	619,148	35,259	SH	DFND	1	35,259	0	0
PERELLA WEINBERG PARTNERS	CL A	71367G102	292,971	20,734	SH	DFND	1	20,734	0	0
PERFICIENT INC	COM	71375U101	1,043,560	18,539	SH	DFND	1	18,539	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	15,416,146	206,540	SH	DFND	1	206,540	0	0
PERFORMANT FINANCIAL CORP	COM	71377E105	99,284	33,770	SH	DFND	1	33,770	0	0
PERIMETER SOLUTIONS SA	COM	L7579L106	552,093	74,406	SH	DFND	1	74,406	0	0
PERMIAN RESOURCES CORP	CL A	71424F105	14,665,429	830,432	SH	DFND	1	830,432	0	0
PERPETUA RESOURCES CORP	COM	714266103	77,438	18,615	SH	DFND	1	18,615	0	0
PERRIGO CO PLC	COM	G97822103	5,773,824	179,367	SH	DFND	1	179,367	0	0
PETCO HEALTH AND WELLNESS CO	COM	71601V105	1,539	675	SH	DFND	1	675	0	0
PETIQ INC	COM	71639T106	246,250	13,471	SH	DFND	1	13,471	0	0
PETMED EXPRESS INC	COM	716382106	48,508	10,127	SH	DFND	1	10,127	0	0
PFIZER INC	COM	717081103	39,686,163	1,430,132	SH	DFND	1	1,430,132	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	167,817	15,802	SH	DFND	1	15,802	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	142,540	11,024	SH	DFND	1	11,024	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	36,536,224	398,780	SH	DFND	1	398,780	0	0
PHILLIPS 66	COM	718546104	18,381,467	112,535	SH	DFND	1	112,535	0	0
PHILLIPS EDISON AND COMPANY IN	COM	71844V201	2,331,658	65,003	SH	DFND	1	65,003	0	0
PHINIA INC	COM	71880K101	97,958	2,549	SH	DFND	1	2,549	0	0
PHOTRONICS INC	COM	719405102	934,843	33,010	SH	DFND	1	33,010	0	0
PHREESIA INC	COM	71944F106	625,004	26,118	SH	DFND	1	26,118	0	0
PIEDMONT LITHIUM INC	COM	72016P105	117,802	8,844	SH	DFND	1	8,844	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	428,141	60,902	SH	DFND	1	60,902	0	0
PILGRIM S PRIDE CORP	COM	72147K108	1,828,947	53,291	SH	DFND	1	53,291	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	8,645,625	100,671	SH	DFND	1	100,671	0	0
PINNACLE WEST CAPITAL	COM	723484101	2,216,043	29,654	SH	DFND	1	29,654	0	0
PINTEREST INC CLASS A	CL A	72352L106	338,553	9,765	SH	DFND	1	9,765	0	0
PIONEER BANCORP INC/NY	COM	723561106	56,417	5,751	SH	DFND	1	5,751	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	16,930,463	64,497	SH	DFND	1	64,497	0	0
PIPER SANDLER COS	COM	724078100	1,838,216	9,261	SH	DFND	1	9,261	0	0
PITNEY BOWES INC	COM	724479100	405,466	93,641	SH	DFND	1	93,641	0	0
PJT PARTNERS INC A	COM	69343T107	1,200,495	12,736	SH	DFND	1	12,736	0	0
PLANET FITNESS INC CL	CL A	72703H101	7,104,622	113,438	SH	DFND	1	113,438	0	0

A										
PLANET LABS PBC	CL A	72703X106	220,287	86,387	SH	DFND	1	86,387	0	0
PLAYAGS INC	COM	72814N104	167,441	18,646	SH	DFND	1	18,646	0	0
PLAYSTUDIOS INC	CL A	72815G108	118,987	42,801	SH	DFND	1	42,801	0	0
PLAYTIKA HOLDING CORP	COM	72815L107	2,524	358	SH	DFND	1	358	0	0
PLEXUS CORP	COM	729132100	1,404,948	14,817	SH	DFND	1	14,817	0	0
PLIANT THERAPEUTICS INC	COM	729139105	419,659	28,165	SH	DFND	1	28,165	0	0
PLUG POWER INC	COM	72919P202	14,895	4,330	SH	DFND	1	4,330	0	0
PLUMAS BANCORP	COM	729273102	99,149	2,695	SH	DFND	1	2,695	0	0
PLYMOUTH INDUSTRIAL REIT INC	COM	729640102	506,430	22,508	SH	DFND	1	22,508	0	0
PMV PHARMACEUTICALS INC	COM	69353Y103	34,369	20,217	SH	DFND	1	20,217	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	17,616,662	109,014	SH	DFND	1	109,014	0	0
PNM RESOURCES INC	COM	69349H107	5,841,728	155,200	SH	DFND	1	155,200	0	0
POLARIS INC	COM	731068102	7,039,938	70,315	SH	DFND	1	70,315	0	0
PONCE FINANCIAL GROUP INC	COM	732344106	85,369	9,592	SH	DFND	1	9,592	0	0
POOL CORP	COM	73278L105	4,295,258	10,645	SH	DFND	1	10,645	0	0
POPULAR INC	COM	733174700	51,004	579	SH	DFND	1	579	0	0
PORTILLO S INC CL A	CL A	73642K106	316,852	22,345	SH	DFND	1	22,345	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	7,693,056	183,168	SH	DFND	1	183,168	0	0
POSEIDA THERAPEUTICS INC	COM	73730P108	106,846	33,494	SH	DFND	1	33,494	0	0
POST HOLDINGS INC	COM	737446104	7,085,900	66,672	SH	DFND	1	66,672	0	0
POSTAL REALTY TRUST INC A	CL A	73757R102	144,102	10,063	SH	DFND	1	10,063	0	0
POTBELLY CORP	COM	73754Y100	155,783	12,864	SH	DFND	1	12,864	0	0
POTLATCHDELTIC CORP	COM	737630103	6,743,938	143,427	SH	DFND	1	143,427	0	0
POWELL INDUSTRIES INC	COM	739128106	710,789	4,995	SH	DFND	1	4,995	0	0
POWER INTEGRATIONS INC	COM	739276103	7,356,199	102,812	SH	DFND	1	102,812	0	0
POWERSCHOOL HOLDINGS INC A	CL A	73939C106	594,523	27,925	SH	DFND	1	27,925	0	0
PPG INDUSTRIES INC	COM	693506107	9,006,404	62,156	SH	DFND	1	62,156	0	0
PPL CORP	COM	69351T106	5,307,261	192,781	SH	DFND	1	192,781	0	0
PRA GROUP INC	COM	69354N106	544,185	20,866	SH	DFND	1	20,866	0	0
PRECIGEN INC	COM	74017N105	94,072	64,877	SH	DFND	1	64,877	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	527,717	6,874	SH	DFND	1	6,874	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	155,819	1,211	SH	DFND	1	1,211	0	0
PRELUDE THERAPEUTICS INC	COM	74065P101	34,758	7,333	SH	DFND	1	7,333	0	0
PREMIER FINANCIAL CORP	COM	74052F108	353,951	17,436	SH	DFND	1	17,436	0	0
PREMIER INC CLASS A	COM	74051N102	144,401	6,534	SH	DFND	1	6,534	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	1,949,542	26,868	SH	DFND	1	26,868	0	0
PRESTO AUTOMATION INC	COM	74113T105	357	2,053	SH	DFND	1	2,053	0	0
PRICESMART INC	COM	741511109	1,152,228	13,717	SH	DFND	1	13,717	0	0
PRIME MEDICINE INC	COM	74168J101	136,472	19,496	SH	DFND	1	19,496	0	0
PRIMEENERGY RESOURCES CORP	COM	74158E104	35,990	359	SH	DFND	1	359	0	0

PRIMERICA INC	COM	74164M108	11,778,829	46,564	SH	DFND	1	46,564	0	0
PRIMIS FINANCIAL CORP	COM	74167B109	121,566	9,989	SH	DFND	1	9,989	0	0
PRIMO WATER CORP	COM	74167P108	1,405,411	77,178	SH	DFND	1	77,178	0	0
PRIMORIS SERVICES CORP	COM	74164F103	1,114,653	26,184	SH	DFND	1	26,184	0	0
PRINCETON BANCORP INC	COM	74179A107	77,104	2,505	SH	DFND	1	2,505	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	4,963,688	57,510	SH	DFND	1	57,510	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	28,462	8,704	SH	DFND	1	8,704	0	0
PRIVIA HEALTH GROUP INC	COM	74276R102	1,180,709	60,271	SH	DFND	1	60,271	0	0
PROASSURANCE CORP	COM	74267C106	353,920	27,521	SH	DFND	1	27,521	0	0
PROCEPT BIOROBOTICS CORP	COM	74276L105	982,914	19,889	SH	DFND	1	19,889	0	0
PROCORE TECHNOLOGIES INC	COM	74275K108	109,040	1,327	SH	DFND	1	1,327	0	0
PROCTER AND GAMBLE CO/THE	COM	742718109	98,141,293	604,877	SH	DFND	1	604,877	0	0
PROFRAC HOLDING CORP A	CL A	74319N100	107,016	12,801	SH	DFND	1	12,801	0	0
PROG HOLDINGS INC	COM	74319R101	823,874	23,922	SH	DFND	1	23,922	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,267,872	23,783	SH	DFND	1	23,783	0	0
PROGRESSIVE CORP	COM	743315103	36,389,772	175,949	SH	DFND	1	175,949	0	0
PROGYNY INC	COM	74340E103	5,678,666	148,851	SH	DFND	1	148,851	0	0
PROKIDNEY CORP	CL A ORD SHS	G7S53R104	36,370	22,177	SH	DFND	1	22,177	0	0
PROLOGIS INC	COM	74340W103	35,462,813	272,330	SH	DFND	1	272,330	0	0
PROPETRO HOLDING CORP	COM	74347M108	407,862	50,478	SH	DFND	1	50,478	0	0
PROS HOLDINGS INC	COM	74346Y103	800,750	22,041	SH	DFND	1	22,041	0	0
PROSPERITY BANCSHARES INC	COM	743606105	8,157,180	124,007	SH	DFND	1	124,007	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	814,351	28,149	SH	DFND	1	28,149	0	0
PROTALIX BIOTHERAPEUTICS INC	COM	74365A309	41,984	33,321	SH	DFND	1	33,321	0	0
PROTHENA CORP PLC	COM	G72800108	515,092	20,795	SH	DFND	1	20,795	0	0
PROTO LABS INC	COM	743713109	500,214	13,992	SH	DFND	1	13,992	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	578,633	39,714	SH	DFND	1	39,714	0	0
PRUDENTIAL FINANCIAL INC	COM	744320102	11,085,612	94,426	SH	DFND	1	94,426	0	0
PTC INC	COM	69370C100	6,126,380	32,425	SH	DFND	1	32,425	0	0
PTC THERAPEUTICS INC	COM	69366J200	1,032,986	35,510	SH	DFND	1	35,510	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	8,702,235	130,312	SH	DFND	1	130,312	0	0
PUBLIC STORAGE	COM	74460D109	13,003,680	44,831	SH	DFND	1	44,831	0	0
PUBMATIC INC CLASS A	CL A	74467Q103	487,446	20,550	SH	DFND	1	20,550	0	0
PULMONX CORP	COM	745848101	170,151	18,355	SH	DFND	1	18,355	0	0
PULSE BIOSCIENCES INC	COM	74587B101	69,332	7,960	SH	DFND	1	7,960	0	0
PULTEGROUP INC	COM	745867101	6,941,199	57,546	SH	DFND	1	57,546	0	0
PURE CYCLE CORP	COM	746228303	97,280	10,240	SH	DFND	1	10,240	0	0
PURE STORAGE INC CLASS A	COM	74624M102	20,535,842	394,996	SH	DFND	1	394,996	0	0
PURECYCLE TECHNOLOGIES INC	COM	74623V103	356,188	57,265	SH	DFND	1	57,265	0	0
PURPLE INNOVATION	COM	74640Y106	47,017	27,021	SH	DFND	1	27,021	0	0

INC											
PVH CORP	COM	693656100	11,099,894	78,941	SH	DFND	1	78,941	0	0	
Q2 HOLDINGS INC	COM	74736L109	1,475,517	28,073	SH	DFND	1	28,073	0	0	
QCR HOLDINGS INC	COM	74727A104	493,755	8,129	SH	DFND	1	8,129	0	0	
QIAGEN N.V.	NV SHS	N72482149	78,285	1,821	SH	DFND	1	1,821	0	0	
QIFU TECHNOLOGY INC	ADR	88557W101	19,075	1,035	SH	DFND	1	1,035	0	0	
QORVO INC	COM	74736K101	2,900,491	25,259	SH	DFND	1	25,259	0	0	
QUAD GRAPHICS INC	CL A	747301109	80,160	15,096	SH	DFND	1	15,096	0	0	
QUAKER CHEMICAL CORPORATION	COM	747316107	1,537,528	7,491	SH	DFND	1	7,491	0	0	
QUALCOMM INC	COM	747525103	66,678,297	393,847	SH	DFND	1	393,847	0	0	
QUALYS INC	COM	74758T303	11,136,236	66,736	SH	DFND	1	66,736	0	0	
QUANEX BUILDING PRODUCTS	COM	747619104	684,515	17,812	SH	DFND	1	17,812	0	0	
QUANTA SERVICES INC	COM	74762E102	10,203,905	39,276	SH	DFND	1	39,276	0	0	
QUANTERIX CORP	COM	74766Q101	413,996	17,572	SH	DFND	1	17,572	0	0	
QUANTUM SI INC	CL A	74765K105	98,780	50,142	SH	DFND	1	50,142	0	0	
QUANTUMSCAPE CORP	CL A	74767V109	17,524	2,786	SH	DFND	1	2,786	0	0	
QUEST DIAGNOSTICS INC	COM	74834L100	3,865,248	29,038	SH	DFND	1	29,038	0	0	
QUIDELORTHO CORP	COM	219798105	3,139,351	65,485	SH	DFND	1	65,485	0	0	
QUINSTREET INC	COM	74874Q100	502,833	28,473	SH	DFND	1	28,473	0	0	
QUIPT HOME MEDICAL CORP	COM	74880P104	88,287	20,203	SH	DFND	1	20,203	0	0	
QURATE RETAIL GROUP INC B	COM SER B	74915M209	2,967	655	SH	DFND	1	655	0	0	
R1 RCM INC	COM	77634L105	3,355,317	260,506	SH	DFND	1	260,506	0	0	
RACKSPACE TECHNOLOGY INC	COM	750102105	49,268	31,182	SH	DFND	1	31,182	0	0	
RADIAN GROUP INC	COM	750236101	2,774,596	82,898	SH	DFND	1	82,898	0	0	
RADIANT LOGISTICS INC	COM	75025X100	96,059	17,723	SH	DFND	1	17,723	0	0	
RADIUS RECYCLING INC	COM	806882106	273,591	12,948	SH	DFND	1	12,948	0	0	
RADNET INC	COM	750491102	1,591,961	32,716	SH	DFND	1	32,716	0	0	
RALLYBIO CORP	COM	75120L100	27,874	15,067	SH	DFND	1	15,067	0	0	
RALPH LAUREN CORP	COM	751212101	1,956,835	10,422	SH	DFND	1	10,422	0	0	
RAMACO RESOURCES INC A	CL A	75134P600	185,055	10,989	SH	DFND	1	10,989	0	0	
RAMACO RESOURCES INC B	CL B	75134P501	27,585	2,198	SH	DFND	1	2,198	0	0	
RAMBUS INC	COM	750917106	12,025,197	194,551	SH	DFND	1	194,551	0	0	
RANGE RESOURCES CORP	COM	75281A109	10,995,530	319,359	SH	DFND	1	319,359	0	0	
RANGER ENERGY SERVICES INC	CL A	75282U104	81,773	7,243	SH	DFND	1	7,243	0	0	
RANPAK HOLDINGS CORP	CL A	75321W103	168,190	21,371	SH	DFND	1	21,371	0	0	
RAPID7 INC	COM	753422104	1,466,443	29,903	SH	DFND	1	29,903	0	0	
RAPT THERAPEUTICS INC	COM	75382E109	130,713	14,556	SH	DFND	1	14,556	0	0	
RAYMOND JAMES FINANCIAL INC	COM	754730109	6,319,163	49,207	SH	DFND	1	49,207	0	0	
RAYONIER ADVANCED MATERIALS	COM	75508B104	150,245	31,432	SH	DFND	1	31,432	0	0	
RAYONIER INC	COM	754907103	6,005,271	180,664	SH	DFND	1	180,664	0	0	
RB GLOBAL INC	COM	74935Q107	203,374	2,670	SH	DFND	1	2,670	0	0	
RBB BANCORP	COM	74930B105	145,881	8,100	SH	DFND	1	8,100	0	0	
RBC BEARINGS INC	COM	75524B104	10,372,789	38,368	SH	DFND	1	38,368	0	0	

RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	250,096	4,312	SH	DFND	1	4,312	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	75,562	8,616	SH	DFND	1	8,616	0	0
READY CAPITAL CORP	COM	75574U101	788,229	86,334	SH	DFND	1	86,334	0	0
REALTY INCOME CORP	COM	756109104	11,766,425	217,494	SH	DFND	1	217,494	0	0
RECURSION PHARMACEUTICALS A	CL A	75629V104	684,540	68,660	SH	DFND	1	68,660	0	0
RED RIVER BANCSHARES INC	COM	75686R202	116,857	2,347	SH	DFND	1	2,347	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	58,032	7,576	SH	DFND	1	7,576	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,404,394	23,477	SH	DFND	1	23,477	0	0
RED VIOLET INC	COM	75704L104	107,369	5,492	SH	DFND	1	5,492	0	0
REDFIN CORP	COM	75737F108	362,558	54,520	SH	DFND	1	54,520	0	0
REDWIRE CORP	COM	75776W103	17,016	3,876	SH	DFND	1	3,876	0	0
REDWOOD TRUST INC	COM	758075402	452,589	71,050	SH	DFND	1	71,050	0	0
REGAL REXNORD CORP	COM	758750103	15,805,756	87,761	SH	DFND	1	87,761	0	0
REGENCY CENTERS CORP	COM	758849103	2,609,894	43,096	SH	DFND	1	43,096	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	37,207,938	38,658	SH	DFND	1	38,658	0	0
REGENXBIO INC	COM	75901B107	466,237	22,128	SH	DFND	1	22,128	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	96,114	3,970	SH	DFND	1	3,970	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	5,084,232	241,646	SH	DFND	1	241,646	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	16,828,008	87,246	SH	DFND	1	87,246	0	0
RELAY THERAPEUTICS INC	COM	75943R102	387,494	46,686	SH	DFND	1	46,686	0	0
RELIANCE INC	COM	759509102	25,421,741	76,072	SH	DFND	1	76,072	0	0
REMITLY GLOBAL INC	COM	75960P104	1,391,073	67,072	SH	DFND	1	67,072	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	16,418,961	69,859	SH	DFND	1	69,859	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	310,836,811	1,322,541	SH	DFND	3	1,322,541	0	0
RENASANT CORP	COM	75970E107	934,213	29,828	SH	DFND	1	29,828	0	0
RENEO PHARMACEUTICALS INC	COM	75974E103	10,508	6,330	SH	DFND	1	6,330	0	0
RENT THE RUNWAY INC A	CL A	76010Y103	8,756	25,351	SH	DFND	1	25,351	0	0
REPAY HOLDINGS CORP	CL A	76029L100	449,823	40,893	SH	DFND	1	40,893	0	0
REPLIGEN CORP	COM	759916109	12,684,778	68,969	SH	DFND	1	68,969	0	0
REPLIMUNE GROUP INC	COM	76029N106	199,078	24,367	SH	DFND	1	24,367	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	213,894	4,194	SH	DFND	1	4,194	0	0
REPUBLIC SERVICES INC	COM	760759100	12,470,784	65,142	SH	DFND	1	65,142	0	0
RESERVOIR MEDIA INC	COM	76119X105	77,579	9,783	SH	DFND	1	9,783	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	1,771,337	79,007	SH	DFND	1	79,007	0	0
RESMED INC	COM	761152107	8,203,987	41,428	SH	DFND	1	41,428	0	0
RESOURCES CONNECTION INC	COM	76122Q105	229,866	17,467	SH	DFND	1	17,467	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	853,209	66,553	SH	DFND	1	66,553	0	0
REV GROUP INC	COM	749527107	344,803	15,609	SH	DFND	1	15,609	0	0
REVANCE THERAPEUTICS INC	COM	761330109	212,185	43,127	SH	DFND	1	43,127	0	0
REVOLUTION	COM	76155X100	2,215,619	68,744	SH	DFND	1	68,744	0	0

MEDICINES INC										
REVOLVE GROUP INC	CL A	76156B107	415,228	19,614	SH	DFND	1	19,614	0	0
REVVITY INC	COM	714046109	3,389,295	32,279	SH	DFND	1	32,279	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	490,346	8,352	SH	DFND	1	8,352	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	14,032,040	278,967	SH	DFND	1	278,967	0	0
REYNOLDS CONSUMER PRODUCTS I	COM	76171L106	12,766	447	SH	DFND	1	447	0	0
RGC RESOURCES INC	COM	74955L103	80,879	3,996	SH	DFND	1	3,996	0	0
RH	COM	74967X103	7,063,409	20,282	SH	DFND	1	20,282	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	1,140,359	26,318	SH	DFND	1	26,318	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	140,096	43,780	SH	DFND	1	43,780	0	0
RICHARDSON ELEC LTD	COM	763165107	54,956	5,967	SH	DFND	1	5,967	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	124,819	84,337	SH	DFND	1	84,337	0	0
RILEY EXPLORATION PERMIAN IN	COM	76665T102	145,794	4,418	SH	DFND	1	4,418	0	0
RIMINI STREET INC	COM	76674Q107	84,004	25,768	SH	DFND	1	25,768	0	0
RING ENERGY INC	COM	76680V108	115,858	59,111	SH	DFND	1	59,111	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	48,428	1,394	SH	DFND	1	1,394	0	0
RIOT PLATFORMS INC	COM	767292105	1,193,339	97,495	SH	DFND	1	97,495	0	0
RITHM CAPITAL CORP	COM	64828T201	44,283	3,968	SH	DFND	1	3,968	0	0
RIVIAN AUTOMOTIVE INC A	CL A	76954A103	60,992	5,570	SH	DFND	1	5,570	0	0
RLI CORP	COM	749607107	7,904,543	53,240	SH	DFND	1	53,240	0	0
RLJ LODGING TRUST	COM	74965L101	893,840	75,621	SH	DFND	1	75,621	0	0
RMR GROUP INC/THE A	COM	74967R106	182,160	7,590	SH	DFND	1	7,590	0	0
ROBERT HALF INC	COM	770323103	2,158,557	27,227	SH	DFND	1	27,227	0	0
ROBINHOOD MARKETS INC A	CL A	770700102	104,897	5,211	SH	DFND	1	5,211	0	0
ROBLOX CORP CLASS A	CL A	771049103	299,408	7,842	SH	DFND	1	7,842	0	0
ROCKET COS INC CLASS A	CL A	77311W101	19,308	1,327	SH	DFND	1	1,327	0	0
ROCKET LAB USA INC	COM	773122106	573,592	139,560	SH	DFND	1	139,560	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	832,931	30,918	SH	DFND	1	30,918	0	0
ROCKWELL AUTOMATION INC	COM	773903109	9,169,612	31,475	SH	DFND	1	31,475	0	0
ROCKY BRANDS INC	COM	774515100	93,300	3,439	SH	DFND	1	3,439	0	0
ROGERS CORP	COM	775133101	1,105,716	9,316	SH	DFND	1	9,316	0	0
ROIVANT SCIENCES LTD	SHS	G76279101	4,743,685	450,065	SH	DFND	1	450,065	0	0
ROKU INC	COM	77543R102	75,597	1,160	SH	DFND	1	1,160	0	0
ROLLINS INC	COM	775711104	3,541,274	76,535	SH	DFND	1	76,535	0	0
ROPER TECHNOLOGIES INC	COM	776696106	25,001,686	44,579	SH	DFND	1	44,579	0	0
ROSS STORES INC	COM	778296103	17,920,570	122,108	SH	DFND	1	122,108	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	8,974,764	64,562	SH	DFND	1	64,562	0	0
ROYAL GOLD INC	COM	780287108	10,592,110	86,956	SH	DFND	1	86,956	0	0
ROYALTY PHARMA PLC CL A	CL A	G7709Q104	92,902	3,059	SH	DFND	1	3,059	0	0
RPC INC	COM	749660106	355,111	45,880	SH	DFND	1	45,880	0	0
RPM INTERNATIONAL INC	COM	749685103	20,314,281	170,780	SH	DFND	1	170,780	0	0

RTX CORP	COM	75513E101	32,775,932	336,060	SH	DFND	1	336,060	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	239,485	4,494	SH	DFND	1	4,494	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	1,754,279	32,778	SH	DFND	1	32,778	0	0
RUSH STREET INTERACTIVE INC	COM	782011100	207,422	31,862	SH	DFND	1	31,862	0	0
RXO INC	COM	74982T103	1,372,124	62,740	SH	DFND	1	62,740	0	0
RXSIGHT INC	COM	78349D107	722,739	14,012	SH	DFND	1	14,012	0	0
RYAN SPECIALTY HOLDINGS INC	CL A	78351F107	89,189	1,607	SH	DFND	1	1,607	0	0
RYDER SYSTEM INC	COM	783549108	7,050,826	58,664	SH	DFND	1	58,664	0	0
RYERSON HOLDING CORP	COM	783754104	464,679	13,871	SH	DFND	1	13,871	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	3,327,718	28,784	SH	DFND	1	28,784	0	0
S AND T BANCORP INC	COM	783859101	660,238	20,581	SH	DFND	1	20,581	0	0
S AND P GLOBAL INC	COM	78409V104	42,801,972	100,604	SH	DFND	1	100,604	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	6,178,749	418,331	SH	DFND	1	418,331	0	0
SABRE CORP	COM	78573M104	437,812	180,914	SH	DFND	1	180,914	0	0
SAFE BULKERS INC	COM	Y7388L103	162,137	32,689	SH	DFND	1	32,689	0	0
SAFEHOLD INC	COM	78646V107	537,042	26,070	SH	DFND	1	26,070	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	638,452	7,768	SH	DFND	1	7,768	0	0
SAGE THERAPEUTICS INC	COM	78667J108	488,271	26,055	SH	DFND	1	26,055	0	0
SAGIMET BIOSCIENCES INC A	COM SER A	786700104	61,636	11,372	SH	DFND	1	11,372	0	0
SAIA INC	COM	78709Y105	20,573,280	35,168	SH	DFND	1	35,168	0	0
SALESFORCE INC	COM	79466L302	88,127,677	292,608	SH	DFND	1	292,608	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	717,715	57,787	SH	DFND	1	57,787	0	0
SANA BIOTECHNOLOGY INC	COM	799566104	472,880	47,288	SH	DFND	1	47,288	0	0
SANARA MEDTECH INC	COM	79957L100	70,337	1,901	SH	DFND	1	1,901	0	0
SANDRIDGE ENERGY INC	COM	80007P869	229,230	15,733	SH	DFND	1	15,733	0	0
SANDY SPRING BANCORP INC	COM	800363103	501,244	21,624	SH	DFND	1	21,624	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	49,207	73,421	SH	DFND	1	73,421	0	0
SANMINA CORP	COM	801056102	1,850,601	29,762	SH	DFND	1	29,762	0	0
SAPIENS INTERNATIONAL CORP	V SHS	G7T16G103	487,288	15,152	SH	DFND	1	15,152	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	193,154	1,492	SH	DFND	1	1,492	0	0
SAUL CENTERS INC	COM	804395101	244,296	6,347	SH	DFND	1	6,347	0	0
SAVARA INC	COM	805111101	221,710	44,520	SH	DFND	1	44,520	0	0
SAVERS VALUE VILLAGE INC	COM	80517M109	246,321	12,776	SH	DFND	1	12,776	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	6,223,841	28,721	SH	DFND	1	28,721	0	0
SCANSOURCE INC	COM	806037107	588,330	13,359	SH	DFND	1	13,359	0	0
SCHLUMBERGER LTD	COM	806857108	21,198,042	386,755	SH	DFND	1	386,755	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	10,052	444	SH	DFND	1	444	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	504,508	28,407	SH	DFND	1	28,407	0	0
SCHOLASTIC CORP	COM	807066105	524,169	13,900	SH	DFND	1	13,900	0	0
SCHRODINGER INC	COM	80810D103	793,692	29,396	SH	DFND	1	29,396	0	0
SCHWAB (CHARLES)	COM	808513105	30,342,941	419,449	SH	DFND	1	419,449	0	0

CORP											
SCIENCE APPLICATIONS INTE	COM	808625107	8,985,696	68,914	SH	DFND	1	68,914	0	0	
SCILEX HOLDING CO	COM	80880W106	48,921	30,768	SH	DFND	1	30,768	0	0	
SCORPIO TANKERS INC	COM	Y7542C130	1,685,217	23,553	SH	DFND	1	23,553	0	0	
SCOTTS MIRACLE GRO CO	COM	810186106	4,168,388	55,884	SH	DFND	1	55,884	0	0	
SCPHARMACEUTICALS INC	COM	810648105	71,445	14,232	SH	DFND	1	14,232	0	0	
SEA LTD ADR	SPONS ADS	81141R100	3,459,569	64,412	SH	DFND	1	64,412	0	0	
SEABOARD CORP	COM	811543107	6,448	2	SH	DFND	1	2	0	0	
SEACOAST BANKING CORP/FL	COM	811707801	1,154,128	45,456	SH	DFND	1	45,456	0	0	
SEACOR MARINE HOLDINGS INC	COM	78413P101	165,482	11,871	SH	DFND	1	11,871	0	0	
SEADRILL LIMITED	COM	G7997W102	1,162,131	23,104	SH	DFND	1	23,104	0	0	
SEAGATE TECHNOLOGY HOLDINGS	ORD SHS	G7997R103	8,556,506	91,956	SH	DFND	1	91,956	0	0	
SEALED AIR CORP	COM	81211K100	318,172	8,553	SH	DFND	1	8,553	0	0	
SECURITY NATL FINL CORP CL A	CL A	814785309	49,184	6,218	SH	DFND	1	6,218	0	0	
SEER INC	CL A	81578P106	54,901	28,895	SH	DFND	1	28,895	0	0	
SEI INVESTMENTS COMPANY	COM	784117103	9,488,931	131,974	SH	DFND	1	131,974	0	0	
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,692,259	56,128	SH	DFND	1	56,128	0	0	
SELECT WATER SOLUTIONS INC	COM	81617J301	363,450	39,377	SH	DFND	1	39,377	0	0	
SELECTIVE INSURANCE GROUP	COM	816300107	11,950,840	109,470	SH	DFND	1	109,470	0	0	
SELECTQUOTE INC	COM	816307300	134,490	67,245	SH	DFND	1	67,245	0	0	
SEMLER SCIENTIFIC INC	COM	81684M104	66,219	2,267	SH	DFND	1	2,267	0	0	
SEMPRA	COM	816851109	11,449,487	159,397	SH	DFND	1	159,397	0	0	
SEMRUSH HOLDINGS INC A	CL A	81686C104	207,214	15,627	SH	DFND	1	15,627	0	0	
SEMTECH CORP	COM	816850101	948,735	34,512	SH	DFND	1	34,512	0	0	
SENECA FOODS CORP CL A	CL A	817070501	136,731	2,403	SH	DFND	1	2,403	0	0	
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	7,360,712	200,346	SH	DFND	1	200,346	0	0	
SENSIENT TECHNOLOGIES CORP	COM	81725T100	1,571,928	22,719	SH	DFND	1	22,719	0	0	
SENTINELONE INC CLASS A	CL A	81730H109	52,401	2,248	SH	DFND	1	2,248	0	0	
SERES THERAPEUTICS INC	COM	81750R102	37,525	48,475	SH	DFND	1	48,475	0	0	
SERVICE CORP INTERNATIONAL	COM	817565104	14,543,527	195,978	SH	DFND	1	195,978	0	0	
SERVICE PROPERTIES TRUST	COM	81761L102	603,535	89,017	SH	DFND	1	89,017	0	0	
SERVICENOW INC	COM	81762P102	50,630,984	66,410	SH	DFND	1	66,410	0	0	
SERVISFIRST BANCSHARES INC	COM	81768T108	1,818,198	27,399	SH	DFND	1	27,399	0	0	
SES AI CORP	CL A	78397Q109	103,384	61,538	SH	DFND	1	61,538	0	0	
SFL CORP LTD	SHS	G7738W106	748,321	56,777	SH	DFND	1	56,777	0	0	
SHAKE SHACK INC CLASS A	COM	819047101	2,118,467	20,364	SH	DFND	1	20,364	0	0	
SHARECARE INC	CL A	81948W104	114,906	149,714	SH	DFND	1	149,714	0	0	
SHENANDOAH TELECOMMUNICATION	COM	82312B106	456,605	26,287	SH	DFND	1	26,287	0	0	
SHERWIN WILLIAMS	COM	824348106	23,592,043	67,924	SH	DFND	1	67,924	0	0	

CO/THE										
SHIFT4 PAYMENTS INC CLASS A	CL A	82452J109	59,067	894	SH	DFND	1	894	0	0
SHOALS TECHNOLOGIES GROUP A	CL A	82489W107	945,437	84,565	SH	DFND	1	84,565	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	16,002,109	49,142	SH	DFND	1	49,142	0	0
SHOE CARNIVAL INC	COM	824889109	359,328	9,807	SH	DFND	1	9,807	0	0
SHORE BANCSHARES INC	COM	825107105	168,924	14,689	SH	DFND	1	14,689	0	0
SHUTTERSTOCK INC	COM	825690100	608,036	13,273	SH	DFND	1	13,273	0	0
SHYFT GROUP INC/THE	COM	825698103	207,041	16,670	SH	DFND	1	16,670	0	0
SI BONE INC	COM	825704109	320,934	19,605	SH	DFND	1	19,605	0	0
SIERRA BANCORP	COM	82620P102	134,189	6,643	SH	DFND	1	6,643	0	0
SIGA TECHNOLOGIES INC	COM	826917106	194,380	22,708	SH	DFND	1	22,708	0	0
SIGHT SCIENCES INC	COM	82657M105	56,237	10,651	SH	DFND	1	10,651	0	0
SIGNET JEWELERS LTD	COM	G81276100	2,361,352	23,597	SH	DFND	1	23,597	0	0
SILGAN HOLDINGS INC	COM	827048109	5,202,573	107,137	SH	DFND	1	107,137	0	0
SILICON LABORATORIES INC	COM	826919102	8,281,290	57,621	SH	DFND	1	57,621	0	0
SILK ROAD MEDICAL INC	COM	82710M100	346,926	18,937	SH	DFND	1	18,937	0	0
SILVERBOW RESOURCES INC	COM	82836G102	392,405	11,494	SH	DFND	1	11,494	0	0
SILVERCREST ASSET MANAGEME A	CL A	828359109	73,580	4,654	SH	DFND	1	4,654	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,304,404	67,030	SH	DFND	1	67,030	0	0
SIMON PROPERTY GROUP INC	COM	828806109	13,612,909	86,989	SH	DFND	1	86,989	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,666,926	48,984	SH	DFND	1	48,984	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	15,861,440	77,305	SH	DFND	1	77,305	0	0
SIMULATIONS PLUS INC	COM	829214105	352,162	8,558	SH	DFND	1	8,558	0	0
SINCLAIR INC	CL A	829242106	220,652	16,381	SH	DFND	1	16,381	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,042,610	268,714	SH	DFND	1	268,714	0	0
SIRIUSPOINT LTD	COM	G8192H106	499,439	39,295	SH	DFND	1	39,295	0	0
SITE CENTERS CORP	COM	82981J109	1,499,545	102,358	SH	DFND	1	102,358	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	85,006	487	SH	DFND	1	487	0	0
SITIME CORP	COM	82982T106	891,838	9,566	SH	DFND	1	9,566	0	0
SITIO ROYALTIES CORP A	CL A	82983N108	1,002,124	40,539	SH	DFND	1	40,539	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	1,035,429	39,340	SH	DFND	1	39,340	0	0
SJW GROUP	COM	784305104	967,180	17,091	SH	DFND	1	17,091	0	0
SKECHERS USA INC CL A	CL A	830566105	10,838,058	176,919	SH	DFND	1	176,919	0	0
SKILLSOFT CORP	CL A	83066P309	19,386	2,154	SH	DFND	1	2,154	0	0
SKYLINE CHAMPION CORP	COM	830830105	2,269,002	26,691	SH	DFND	1	26,691	0	0
SKYWARD SPECIALTY INSURANCE	COM	830940102	549,328	14,684	SH	DFND	1	14,684	0	0
SKYWATER TECHNOLOGY INC	COM	83089J108	93,472	9,191	SH	DFND	1	9,191	0	0
SKYWEST INC	COM	830879102	1,511,125	21,875	SH	DFND	1	21,875	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	4,537,850	41,893	SH	DFND	1	41,893	0	0

SKYX PLATFORMS CORP	COM	78471E105	40,469	30,892	SH	DFND	1	30,892	0	0
SL GREEN REALTY CORP	COM	78440X887	1,927,290	34,959	SH	DFND	1	34,959	0	0
SLEEP NUMBER CORP	COM	83125X103	168,876	10,535	SH	DFND	1	10,535	0	0
SLM CORP	COM	78442P106	6,369,936	292,333	SH	DFND	1	292,333	0	0
SM ENERGY CO	COM	78454L100	3,116,173	62,511	SH	DFND	1	62,511	0	0
SMART GLOBAL HOLDINGS INC	SHS	G8232Y101	732,933	27,847	SH	DFND	1	27,847	0	0
SMARTFINANCIAL INC	COM	83190L208	164,641	7,814	SH	DFND	1	7,814	0	0
SMARTRENT INC	CL A	83193G107	248,096	92,573	SH	DFND	1	92,573	0	0
SMARTSHEET INC CLASS A	COM	83200N103	82,159	2,134	SH	DFND	1	2,134	0	0
SMITH (A.O.) CORP	COM	831865209	2,949,138	32,966	SH	DFND	1	32,966	0	0
SMITH AND WESSON BRANDS INC	COM	831754106	391,433	22,548	SH	DFND	1	22,548	0	0
SNAP ON INC	COM	833034101	4,155,078	14,027	SH	DFND	1	14,027	0	0
SNAP ONE HOLDINGS CORP	COM	83303Y105	77,709	9,015	SH	DFND	1	9,015	0	0
SOFI TECHNOLOGIES INC	COM	83406F102	57,152	7,829	SH	DFND	1	7,829	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	187,032	2,635	SH	DFND	1	2,635	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	124,926	14,409	SH	DFND	1	14,409	0	0
SOLARWINDS CORP	COM	83417Q204	321,154	25,448	SH	DFND	1	25,448	0	0
SOLID POWER INC	COM	83422N105	155,068	76,388	SH	DFND	1	76,388	0	0
SOLO BRANDS INC CLASS A	CL A	83425V104	21,273	9,803	SH	DFND	1	9,803	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	450,908	7,919	SH	DFND	1	7,919	0	0
SONOCO PRODUCTS CO	COM	835495102	7,499,708	129,663	SH	DFND	1	129,663	0	0
SONOS INC	COM	83570H108	1,273,475	66,814	SH	DFND	1	66,814	0	0
SOTERA HEALTH CO	COM	83601L102	1,985,709	165,338	SH	DFND	1	165,338	0	0
SOUNDHOUND AI INC A	COM	836100107	400,726	68,035	SH	DFND	1	68,035	0	0
SOUNDTHINKING INC	COM	82536T107	77,288	4,867	SH	DFND	1	4,867	0	0
SOUTH PLAINS FINANCIAL INC	COM	83946P107	152,719	5,707	SH	DFND	1	5,707	0	0
SOUTHERN CO/THE	COM	842587107	19,816,955	276,233	SH	DFND	1	276,233	0	0
SOUTHERN COPPER CORP	COM	84265V105	109,929	1,032	SH	DFND	1	1,032	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	120,116	3,782	SH	DFND	1	3,782	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	204,475	4,678	SH	DFND	1	4,678	0	0
SOUTHERN STATES BANCSHARES	COM	843878307	97,044	3,744	SH	DFND	1	3,744	0	0
SOUTHLAND HOLDINGS INC	COM	84445C100	10,274	1,995	SH	DFND	1	1,995	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	452,977	15,497	SH	DFND	1	15,497	0	0
SOUTHSTATE CORP	COM	840441109	11,694,516	137,534	SH	DFND	1	137,534	0	0
SOUTHWEST AIRLINES CO	COM	844741108	4,554,282	156,022	SH	DFND	1	156,022	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	8,360,292	109,816	SH	DFND	1	109,816	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	11,049,836	1,457,762	SH	DFND	1	1,457,762	0	0
SP PLUS CORP	COM	78469C103	503,819	9,648	SH	DFND	1	9,648	0	0
SPARTANNASH CO	COM	847215100	376,411	18,625	SH	DFND	1	18,625	0	0
SPDR PORTFOLIO S AND P 500 GROWTH	PRTFLO S&P500 GW	78464A409	31,381,350	429,000	SH	DFND	1	429,000	0	0
SPDR S AND P MIDCAP	UTSER1	78467Y107	5,786,560	10,400	SH	DFND	1	10,400	0	0

400 ETF TRUST	S&PDCRP									
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	22,163	249	SH	DFND	1	249	0	0
SPHERE ENTERTAINMENT CO	CL A	55826T102	643,979	13,121	SH	DFND	1	13,121	0	0
SPIRE INC	COM	84857L101	6,019,231	98,081	SH	DFND	1	98,081	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	37,837	1,049	SH	DFND	1	1,049	0	0
SPIRIT AIRLINES INC	COM	848577102	261,863	54,104	SH	DFND	1	54,104	0	0
SPOK HOLDINGS INC	COM	84863T106	139,738	8,761	SH	DFND	1	8,761	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	57,429	18,466	SH	DFND	1	18,466	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	617,262	2,339	SH	DFND	1	2,339	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	1,661,224	33,751	SH	DFND	1	33,751	0	0
SPRINKLR INC A	CL A	85208T107	706,237	57,558	SH	DFND	1	57,558	0	0
SPROUT SOCIAL INC CLASS A	CL A	85209W109	1,429,219	23,936	SH	DFND	1	23,936	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	11,854,777	183,852	SH	DFND	1	183,852	0	0
SPS COMMERCE INC	COM	78463M107	3,661,575	19,803	SH	DFND	1	19,803	0	0
SPX TECHNOLOGIES INC	COM	78473E103	2,941,329	23,888	SH	DFND	1	23,888	0	0
SQUARESPACE INC CLASS A	CL A	85225A107	1,020,320	28,000	SH	DFND	1	28,000	0	0
SS AND C TECHNOLOGIES HOLDINGS	COM	78467J100	115,222	1,790	SH	DFND	1	1,790	0	0
SSR MINING INC	COM	784730103	7,471	1,675	SH	DFND	1	1,675	0	0
ST JOE CO/THE	COM	790148100	1,080,271	18,635	SH	DFND	1	18,635	0	0
STAAR SURGICAL CO	COM	852312305	1,013,157	26,467	SH	DFND	1	26,467	0	0
STAG INDUSTRIAL INC	COM	85254J102	9,239,016	240,349	SH	DFND	1	240,349	0	0
STAGWELL INC	CL A	85256A109	254,908	40,982	SH	DFND	1	40,982	0	0
STANDARD MOTOR PRODS	COM	853666105	369,117	11,002	SH	DFND	1	11,002	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	1,160,377	6,368	SH	DFND	1	6,368	0	0
STANLEY BLACK AND DECKER INC	COM	854502101	3,926,112	40,091	SH	DFND	1	40,091	0	0
STAR HOLDINGS	SHS BEN INT	85512G106	82,520	6,387	SH	DFND	1	6,387	0	0
STARBUCKS CORP	COM	855244109	33,892,804	370,859	SH	DFND	1	370,859	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	8,007,296	393,866	SH	DFND	1	393,866	0	0
STATE STREET CORP	COM	857477103	6,105,265	78,961	SH	DFND	1	78,961	0	0
STEEL DYNAMICS INC	COM	858119100	6,034,592	40,711	SH	DFND	1	40,711	0	0
STEELCASE INC CL A	CL A	858155203	597,612	45,689	SH	DFND	1	45,689	0	0
STELLAR BANCORP INC	COM	858927106	637,769	26,181	SH	DFND	1	26,181	0	0
STEM INC	COM	85859N102	153,760	70,210	SH	DFND	1	70,210	0	0
STEPAN CO	COM	858586100	1,034,740	11,492	SH	DFND	1	11,492	0	0
STEPSTONE GROUP INC CLASS A	CL A	85914M107	970,412	27,152	SH	DFND	1	27,152	0	0
STERICYCLE INC	COM	858912108	6,460,293	122,470	SH	DFND	1	122,470	0	0
STERIS PLC	COM	G8473T100	5,931,426	26,383	SH	DFND	1	26,383	0	0
STERLING BANCORP INC/MI	COM	85917W102	55,336	10,724	SH	DFND	1	10,724	0	0
STERLING CHECK CORP	COM	85917T109	242,245	15,065	SH	DFND	1	15,065	0	0
STERLING INFRASTRUCTURE INC	COM	859241101	1,629,058	14,768	SH	DFND	1	14,768	0	0
STEVEN MADDEN LTD	COM	556269108	1,678,051	39,689	SH	DFND	1	39,689	0	0

STEWART INFORMATION SERVICES	COM	860372101	941,353	14,469	SH	DFND	1	14,469	0	0
STIFEL FINANCIAL CORP	COM	860630102	10,551,230	134,978	SH	DFND	1	134,978	0	0
STITCH FIX INC CLASS A	COM	860897107	116,416	44,097	SH	DFND	1	44,097	0	0
STOCK YARDS BANCORP INC	COM	861025104	654,660	13,385	SH	DFND	1	13,385	0	0
STOKE THERAPEUTICS INC	COM	86150R107	185,463	13,738	SH	DFND	1	13,738	0	0
STONECO LTD A	CL A	G85158106	2,384,266	143,544	SH	DFND	1	143,544	0	0
STONERIDGE INC	COM	86183P102	240,550	13,045	SH	DFND	1	13,045	0	0
STONEX GROUP INC	COM	861896108	1,027,553	14,625	SH	DFND	1	14,625	0	0
STRATEGIC EDUCATION INC	COM	86272C103	1,267,036	12,169	SH	DFND	1	12,169	0	0
STRATUS PROPERTIES INC	COM	863167201	63,399	2,777	SH	DFND	1	2,777	0	0
STRIDE INC	COM	86333M108	1,435,207	22,763	SH	DFND	1	22,763	0	0
STRYKER CORP	COM	863667101	36,352,792	101,581	SH	DFND	1	101,581	0	0
STURM RUGER AND CO INC	COM	864159108	435,887	9,445	SH	DFND	1	9,445	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	149,679	5,511	SH	DFND	1	5,511	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	368,915	56,669	SH	DFND	1	56,669	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	2,625,931	58,917	SH	DFND	1	58,917	0	0
SUMMIT THERAPEUTICS INC	COM	86627T108	236,427	57,108	SH	DFND	1	57,108	0	0
SUN COMMUNITIES INC	COM	866674104	159,311	1,239	SH	DFND	1	1,239	0	0
SUN COUNTRY AIRLINES HOLDING	COM	866683105	345,968	22,927	SH	DFND	1	22,927	0	0
SUNCOKE ENERGY INC	COM	86722A103	508,221	45,095	SH	DFND	1	45,095	0	0
SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	321,298	52,414	SH	DFND	1	52,414	0	0
SUNOPTA INC	COM	8676EP108	317,387	46,199	SH	DFND	1	46,199	0	0
SUNPOWER CORP	COM	867652406	141,099	47,033	SH	DFND	1	47,033	0	0
SUNRUN INC	COM	86771W105	156,328	11,861	SH	DFND	1	11,861	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,235,437	110,901	SH	DFND	1	110,901	0	0
SUPER GROUP SGHC LTD	LTD ORD SHS	G8588X103	232,030	67,255	SH	DFND	1	67,255	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	38,715,460	38,331	SH	DFND	1	38,331	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	912,715	26,758	SH	DFND	1	26,758	0	0
SURGERY PARTNERS INC	COM	86881A100	1,111,824	37,272	SH	DFND	1	37,272	0	0
SURMODICS INC	COM	868873100	199,131	6,787	SH	DFND	1	6,787	0	0
SUTRO BIOPHARMA INC	COM	869367102	169,596	30,017	SH	DFND	1	30,017	0	0
SWEETGREEN INC CLASS A	CL A	87043Q108	1,218,366	48,233	SH	DFND	1	48,233	0	0
SWK HOLDINGS CORP	COM	78501P203	31,635	1,816	SH	DFND	1	1,816	0	0
SYLVAMO CORP	COM	871332102	1,191,459	19,298	SH	DFND	1	19,298	0	0
SYNAPTICS INC	COM	87157D109	6,943,248	71,169	SH	DFND	1	71,169	0	0
SYNCHRONY FINANCIAL	COM	87165B103	4,587,278	106,384	SH	DFND	1	106,384	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	924,202	38,832	SH	DFND	1	38,832	0	0
SYNOPSIS INC	COM	871607107	33,958,530	59,420	SH	DFND	1	59,420	0	0

SYNOVUS FINANCIAL CORP	COM	87161C501	7,754,334	193,568	SH	DFND	1	193,568	0	0
SYSCO CORP	COM	871829107	10,236,067	126,091	SH	DFND	1	126,091	0	0
SYSTEM1 INC	CL A	87200P109	31,609	16,127	SH	DFND	1	16,127	0	0
T MOBILE US INC	COM	872590104	34,868,852	213,631	SH	DFND	1	213,631	0	0
T ROWE PRICE GROUP INC	COM	74144T108	7,336,292	60,173	SH	DFND	1	60,173	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	188,484	11,599	SH	DFND	1	11,599	0	0
TAKE TWO INTERACTIVE SOFTWRE	COM	874054109	8,765,216	59,029	SH	DFND	1	59,029	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	60,371	5,319	SH	DFND	1	5,319	0	0
TALOS ENERGY INC	COM	87484T108	1,042,786	74,859	SH	DFND	1	74,859	0	0
TANDEM DIABETES CARE INC	COM	875372203	128,467	3,628	SH	DFND	1	3,628	0	0
TANGER INC	COM	875465106	1,671,103	56,590	SH	DFND	1	56,590	0	0
TANGO THERAPEUTICS INC	COM	87583X109	174,688	22,001	SH	DFND	1	22,001	0	0
TAPESTRY INC	COM	876030107	2,853,785	60,105	SH	DFND	1	60,105	0	0
TARGA RESOURCES CORP	COM	87612G101	6,979,889	62,326	SH	DFND	1	62,326	0	0
TARGET CORP	COM	87612E106	26,457,807	149,302	SH	DFND	1	149,302	0	0
TARGET HOSPITALITY CORP	COM	87615L107	167,518	15,411	SH	DFND	1	15,411	0	0
TARO PHARMACEUTICAL INDUS	LTD SHS	M8737E108	170,630	4,030	SH	DFND	1	4,030	0	0
TARSUS PHARMACEUTICALS INC	COM	87650L103	521,695	14,352	SH	DFND	1	14,352	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	11,964,430	192,447	SH	DFND	1	192,447	0	0
TD SYNnex CORP	COM	87162W100	8,540,860	75,516	SH	DFND	1	75,516	0	0
TE CONNECTIVITY LTD	COM	H84989104	13,548,713	93,285	SH	DFND	1	93,285	0	0
TECHNIPFMC PLC	COM	G87110105	89,542	3,566	SH	DFND	1	3,566	0	0
TECHTARGET	COM	87874R100	462,756	13,989	SH	DFND	1	13,989	0	0
TEEKAY CORP	COM	Y8564W103	222,389	30,548	SH	DFND	1	30,548	0	0
TEEKAY TANKERS LTD CLASS A	CL A	Y8565N300	688,771	11,792	SH	DFND	1	11,792	0	0
TEGNA INC	COM	87901J105	5,326,065	356,497	SH	DFND	1	356,497	0	0
TEJON RANCH CO	COM	879080109	159,124	10,326	SH	DFND	1	10,326	0	0
TELA BIO INC	COM	872381108	45,218	7,975	SH	DFND	1	7,975	0	0
TELADOC HEALTH INC	COM	87918A105	20,506	1,358	SH	DFND	1	1,358	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	5,295,233	12,334	SH	DFND	1	12,334	0	0
TELEFLEX INC	COM	879369106	2,779,403	12,289	SH	DFND	1	12,289	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	854,955	53,368	SH	DFND	1	53,368	0	0
TELLURIAN INC	COM	87968A104	190,624	288,213	SH	DFND	1	288,213	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	12,971,040	228,283	SH	DFND	1	228,283	0	0
TENABLE HOLDINGS INC	COM	88025T102	2,836,541	57,385	SH	DFND	1	57,385	0	0
TENAYA THERAPEUTICS INC	COM	87990A106	119,736	22,894	SH	DFND	1	22,894	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	99,602	8,901	SH	DFND	1	8,901	0	0
TENET HEALTHCARE CORP	COM	88033G407	14,128,886	134,420	SH	DFND	1	134,420	0	0
TENNANT CO	COM	880345103	1,215,735	9,997	SH	DFND	1	9,997	0	0
TERADATA CORP	COM	88076W103	5,037,696	130,274	SH	DFND	1	130,274	0	0

TERADYNE INC	COM	880770102	4,634,492	41,075	SH	DFND	1	41,075	0	0
TERAWULF INC	COM	88080T104	199,588	75,889	SH	DFND	1	75,889	0	0
TEREX CORP	COM	880779103	7,788,214	120,935	SH	DFND	1	120,935	0	0
TERNS PHARMACEUTICALS INC	COM	880881107	140,187	21,370	SH	DFND	1	21,370	0	0
TERRAN ORBITAL CORP	COM	88105P103	62,791	47,932	SH	DFND	1	47,932	0	0
TERRENO REALTY CORP	COM	88146M101	2,762,240	41,600	SH	DFND	1	41,600	0	0
TESLA INC	COM	88160R101	150,582,241	856,603	SH	DFND	1	856,603	0	0
TETRA TECH INC	COM	88162G103	13,086,704	70,850	SH	DFND	1	70,850	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	273,677	61,778	SH	DFND	1	61,778	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	2,489,230	176,416	SH	DFND	1	176,416	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	5,259,448	85,450	SH	DFND	1	85,450	0	0
TEXAS INSTRUMENTS INC	COM	882508104	56,251,015	322,892	SH	DFND	1	322,892	0	0
TEXAS PACIFIC LAND CORP	COM	88262P102	178,760	309	SH	DFND	1	309	0	0
TEXAS ROADHOUSE INC	COM	882681109	13,742,578	88,966	SH	DFND	1	88,966	0	0
TEXTRON INC	COM	883203101	4,916,988	51,256	SH	DFND	1	51,256	0	0
TFS FINANCIAL CORP	COM	87240R107	5,175	412	SH	DFND	1	412	0	0
TG THERAPEUTICS INC	COM	88322Q108	1,039,467	68,341	SH	DFND	1	68,341	0	0
THE CIGNA GROUP	COM	125523100	26,907,658	74,087	SH	DFND	1	74,087	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	214,760	23,942	SH	DFND	1	23,942	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	63,537,296	109,319	SH	DFND	1	109,319	0	0
THERMON GROUP HOLDINGS INC	COM	88362T103	539,389	16,485	SH	DFND	1	16,485	0	0
THIRD COAST BANCSHARES INC	COM	88422P109	127,107	6,349	SH	DFND	1	6,349	0	0
THIRD HARMONIC BIO INC	COM	88427A107	90,624	9,600	SH	DFND	1	9,600	0	0
THOR INDUSTRIES INC	COM	885160101	8,280,332	70,567	SH	DFND	1	70,567	0	0
THOUGHTWORKS HOLDING INC	COM	88546E105	115,451	45,633	SH	DFND	1	45,633	0	0
THREDUP INC CLASS A	CL A	88556E102	72,708	36,354	SH	DFND	1	36,354	0	0
THRYV HOLDINGS INC	COM	886029206	371,597	16,716	SH	DFND	1	16,716	0	0
TIDEWATER INC	COM	88642R109	2,106,984	22,902	SH	DFND	1	22,902	0	0
TILE SHOP HLDGS INC	COM	88677Q109	99,833	14,201	SH	DFND	1	14,201	0	0
TILLY S INC CLASS A SHRS	COM	886885102	75,058	11,038	SH	DFND	1	11,038	0	0
TIMBERLAND BANCORP INC	COM	887098101	98,635	3,664	SH	DFND	1	3,664	0	0
TIMKEN CO	COM	887389104	7,509,013	85,886	SH	DFND	1	85,886	0	0
TIPTREE INC	COM	88822Q103	204,422	11,830	SH	DFND	1	11,830	0	0
TITAN INTERNATIONAL INC	COM	88830M102	345,092	27,696	SH	DFND	1	27,696	0	0
TITAN MACHINERY INC	COM	88830R101	251,797	10,149	SH	DFND	1	10,149	0	0
TJX COMPANIES INC	COM	872540109	36,176,413	356,699	SH	DFND	1	356,699	0	0
TKO GROUP HOLDINGS INC	CL A	87256C101	6,898,715	79,837	SH	DFND	1	79,837	0	0
TOAST INC CLASS A	CL A	888787108	152,411	6,116	SH	DFND	1	6,116	0	0
TOLL BROTHERS INC	COM	889478103	17,858,882	138,045	SH	DFND	1	138,045	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	372,951	7,416	SH	DFND	1	7,416	0	0
TOOTSIE ROLL INDS	COM	890516107	26,435	825	SH	DFND	1	825	0	0
TOPBUILD CORP	COM	89055F103	18,445,873	41,853	SH	DFND	1	41,853	0	0

TOPGOLF CALLAWAY BRANDS CORP	COM	131193104	1,254,178	77,562	SH	DFND	1	77,562	0	0
TORO CO	COM	891092108	12,742,892	139,069	SH	DFND	1	139,069	0	0
TORRID HOLDINGS INC	COM	89142B107	29,056	5,954	SH	DFND	1	5,954	0	0
TOWNE BANK	COM	89214P109	971,185	34,611	SH	DFND	1	34,611	0	0
TOWNSQUARE MEDIA INC CL A	CL A	892231101	63,212	5,757	SH	DFND	1	5,757	0	0
TPG INC	CL A	872657101	34,196	765	SH	DFND	1	765	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	262,943	34,060	SH	DFND	1	34,060	0	0
TPI COMPOSITES INC	COM	87266J104	59,370	20,402	SH	DFND	1	20,402	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	7,753,717	29,626	SH	DFND	1	29,626	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	3,309,809	37,861	SH	DFND	1	37,861	0	0
TRADEWEB MARKETS INC CLASS A	CL A	892672106	133,442	1,281	SH	DFND	1	1,281	0	0
TRAEGER INC	COM	89269P103	44,945	17,765	SH	DFND	1	17,765	0	0
TRANE TECHNOLOGIES PLC	PLC SHS	G8994E103	18,492,920	61,602	SH	DFND	1	61,602	0	0
TRANSCAT INC	COM	893529107	450,511	4,043	SH	DFND	1	4,043	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	23,381	621	SH	DFND	1	621	0	0
TRANSDIGM GROUP INC	COM	893641100	18,640,266	15,135	SH	DFND	1	15,135	0	0
TRANSMEDICS GROUP INC	COM	89377M109	1,156,126	15,636	SH	DFND	1	15,636	0	0
TRANSPHORM INC	COM	89386L100	72,535	14,773	SH	DFND	1	14,773	0	0
TRANSUNION	COM	89400J107	126,962	1,591	SH	DFND	1	1,591	0	0
TRAVEL LEISURE CO	COM	894164102	4,705,839	96,116	SH	DFND	1	96,116	0	0
TRAVELERS COS INC/THE	COM	89417E109	16,501,498	71,702	SH	DFND	1	71,702	0	0
TRAVERE THERAPEUTICS INC	COM	89422G107	276,797	35,901	SH	DFND	1	35,901	0	0
TREACE MEDICAL CONCEPTS INC	COM	89455T109	290,832	22,286	SH	DFND	1	22,286	0	0
TREDEGAR CORP	COM	894650100	85,731	13,149	SH	DFND	1	13,149	0	0
TREEHOUSE FOODS INC	COM	89469A104	1,066,023	27,369	SH	DFND	1	27,369	0	0
TREVI THERAPEUTICS INC	COM	89532M101	71,667	20,773	SH	DFND	1	20,773	0	0
TREX COMPANY INC	COM	89531P105	14,430,434	144,666	SH	DFND	1	144,666	0	0
TRI POINTE HOMES INC	COM	87265H109	2,007,807	51,935	SH	DFND	1	51,935	0	0
TRICO BANCSHARES	COM	896095106	563,470	15,320	SH	DFND	1	15,320	0	0
TRIMAS CORP	COM	896215209	546,896	20,460	SH	DFND	1	20,460	0	0
TRIMBLE INC	COM	896239100	4,185,846	65,038	SH	DFND	1	65,038	0	0
TRINET GROUP INC	COM	896288107	2,091,885	15,789	SH	DFND	1	15,789	0	0
TRINITY INDUSTRIES INC	COM	896522109	1,220,972	43,841	SH	DFND	1	43,841	0	0
TRINSEO PLC	COM	G9059U107	65,213	17,252	SH	DFND	1	17,252	0	0
TRIPADVISOR INC	COM	896945201	163,933	5,899	SH	DFND	1	5,899	0	0
TRIUMPH FINANCIAL INC	COM	89679E300	948,667	11,960	SH	DFND	1	11,960	0	0
TRIUMPH GROUP INC	COM	896818101	531,423	35,334	SH	DFND	1	35,334	0	0
TRONOX HOLDINGS PLC	COM	G9087Q102	1,001,737	57,737	SH	DFND	1	57,737	0	0
TRUBRIDGE INC	COM	205306103	64,927	7,042	SH	DFND	1	7,042	0	0
TRUEBLUE INC	COM	89785X101	187,675	14,990	SH	DFND	1	14,990	0	0
TRUECAR INC	COM	89785L107	149,621	44,136	SH	DFND	1	44,136	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	13,820,710	354,559	SH	DFND	1	354,559	0	0
TRUPANION INC	COM	898202106	584,531	21,171	SH	DFND	1	21,171	0	0

TRUSTCO BANK CORP NY	COM	898349204	283,149	10,055	SH	DFND	1	10,055	0	0
TRUSTMARK CORP	COM	898402102	923,217	32,843	SH	DFND	1	32,843	0	0
TTEC HOLDINGS INC	COM	89854H102	108,543	10,467	SH	DFND	1	10,467	0	0
TTM TECHNOLOGIES	COM	87305R109	861,047	55,019	SH	DFND	1	55,019	0	0
TUCOWS INC CLASS A	COM	898697206	90,814	4,893	SH	DFND	1	4,893	0	0
TURNING POINT BRANDS INC	COM	90041L105	247,380	8,443	SH	DFND	1	8,443	0	0
TURNSTONE BIOLOGICS CORP	COM	90042W100	19,954	7,616	SH	DFND	1	7,616	0	0
TURTLE BEACH CORP	COM	900450206	138,765	8,049	SH	DFND	1	8,049	0	0
TUTOR PERINI CORP	COM	901109108	302,619	20,928	SH	DFND	1	20,928	0	0
TWILIO INC A	CL A	90138F102	99,675	1,630	SH	DFND	1	1,630	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	978,041	28,506	SH	DFND	1	28,506	0	0
TWO HARBORS INVESTMENT CORP	coM	90187B804	741,321	55,991	SH	DFND	1	55,991	0	0
TYLER TECHNOLOGIES INC	COM	902252105	5,406,127	12,720	SH	DFND	1	12,720	0	0
TYRA BIOSCIENCES INC	COM	90240B106	113,029	6,892	SH	DFND	1	6,892	0	0
TYSON FOODS INC CL A	CL A	902494103	4,393,767	74,813	SH	DFND	1	74,813	0	0
U HAUL HOLDING CO	COM	023586100	5,944	88	SH	DFND	1	88	0	0
U HAUL HOLDING CO NON VOTING	COM	023586506	76,749	1,151	SH	DFND	1	1,151	0	0
U.S. PHYSICAL THERAPY INC	COM	90337L108	906,572	8,032	SH	DFND	1	8,032	0	0
UBER TECHNOLOGIES INC	COM	90353T100	41,665,140	541,176	SH	DFND	1	541,176	0	0
UBIQUITI INC	COM	90353W103	7,299	63	SH	DFND	1	63	0	0
UDEMY INC	COM	902685106	485,162	44,186	SH	DFND	1	44,186	0	0
UDR INC	COM	902653104	2,974,282	79,505	SH	DFND	1	79,505	0	0
UFP INDUSTRIES INC	COM	90278Q108	13,646,237	110,936	SH	DFND	1	110,936	0	0
UFP TECHNOLOGIES INC	COM	902673102	963,908	3,822	SH	DFND	1	3,822	0	0
UGI CORP	COM	902681105	6,806,905	277,380	SH	DFND	1	277,380	0	0
UIPATH INC CLASS A	CL A	90364P105	126,907	5,598	SH	DFND	1	5,598	0	0
ULTA BEAUTY INC	COM	90384S303	7,578,623	14,494	SH	DFND	1	14,494	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	1,103,111	24,012	SH	DFND	1	24,012	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	61,211	1,311	SH	DFND	1	1,311	0	0
UMB FINANCIAL CORP	COM	902788108	6,898,307	79,300	SH	DFND	1	79,300	0	0
UMH PROPERTIES INC	COM	903002103	487,557	30,022	SH	DFND	1	30,022	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	1,844,380	249,916	SH	DFND	1	249,916	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	1,804,214	252,691	SH	DFND	1	252,691	0	0
UNIFIRST CORP/MA	COM	904708104	1,404,956	8,101	SH	DFND	1	8,101	0	0
UNION PACIFIC CORP	COM	907818108	38,637,079	157,106	SH	DFND	1	157,106	0	0
UNISYS CORP	COM	909214306	160,891	32,768	SH	DFND	1	32,768	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	4,106,763	85,772	SH	DFND	1	85,772	0	0
UNITED BANKSHARES INC	COM	909907107	8,647,830	241,627	SH	DFND	1	241,627	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,645,921	62,535	SH	DFND	1	62,535	0	0
UNITED FIRE GROUP INC	COM	910340108	247,133	11,352	SH	DFND	1	11,352	0	0
UNITED HOMES GROUP INC	CL A	91060H108	18,614	2,663	SH	DFND	1	2,663	0	0
UNITED NATURAL	COM	911163103	367,404	31,976	SH	DFND	1	31,976	0	0

FOODS INC										
UNITED PARCEL SERVICE CL B	COM	911312106	27,227,381	183,189	SH	DFND	1	183,189	0	0
UNITED PARKS AND RESORTS INC	COM	81282V100	1,008,183	17,936	SH	DFND	1	17,936	0	0
UNITED RENTALS INC	COM	911363109	13,228,763	18,345	SH	DFND	1	18,345	0	0
UNITED STATES LIME AND MINERAL	COM	911922102	302,314	1,014	SH	DFND	1	1,014	0	0
UNITED STATES STEEL CORP	COM	912909108	12,076,385	296,135	SH	DFND	1	296,135	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	14,286,746	62,192	SH	DFND	1	62,192	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	117,577,823	237,675	SH	DFND	1	237,675	0	0
UNITI GROUP INC	COM	91325V108	758,457	128,552	SH	DFND	1	128,552	0	0
UNITIL CORP	COM	913259107	450,891	8,613	SH	DFND	1	8,613	0	0
UNITY BANCORP INC	COM	913290102	97,952	3,549	SH	DFND	1	3,549	0	0
UNITY SOFTWARE INC	COM	91332U101	89,872	3,366	SH	DFND	1	3,366	0	0
UNIVERSAL CORP/VA	COM	913456109	673,912	13,030	SH	DFND	1	13,030	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	9,749,549	57,878	SH	DFND	1	57,878	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	254,547	6,934	SH	DFND	1	6,934	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	2,907,865	15,937	SH	DFND	1	15,937	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	243,312	11,974	SH	DFND	1	11,974	0	0
UNIVERSAL LOGISTICS HOLDINGS	COM	91388P105	123,256	3,343	SH	DFND	1	3,343	0	0
UNIVERSAL TECHNICAL INSTITUT	COM	913915104	310,734	19,494	SH	DFND	1	19,494	0	0
UNIVEST CORP OF PENNSYLVANIA	COM	915271100	297,768	14,302	SH	DFND	1	14,302	0	0
UNUM GROUP	COM	91529Y106	12,917,679	240,732	SH	DFND	1	240,732	0	0
UPBOUND GROUP INC	COM	76009N100	1,001,619	28,447	SH	DFND	1	28,447	0	0
UPSTART HOLDINGS INC	COM	91680M107	984,147	36,599	SH	DFND	1	36,599	0	0
UPWORK INC	COM	91688F104	756,001	61,664	SH	DFND	1	61,664	0	0
URANIUM ENERGY CORP	COM	916896103	1,281,825	189,900	SH	DFND	1	189,900	0	0
URBAN EDGE PROPERTIES	COM	91704F104	1,072,864	62,123	SH	DFND	1	62,123	0	0
URBAN ONE INC	CL A	91705J105	12,058	4,466	SH	DFND	1	4,466	0	0
URBAN ONE INC	CL D NON VTG	91705J204	11,463	5,619	SH	DFND	1	5,619	0	0
URBAN OUTFITTERS INC	COM	917047102	1,480,535	34,098	SH	DFND	1	34,098	0	0
UROGEN PHARMA LTD	COM	M96088105	204,960	13,664	SH	DFND	1	13,664	0	0
US BANCORP	COM	902973304	19,013,324	425,354	SH	DFND	1	425,354	0	0
US FOODS HOLDING CORP	COM	912008109	16,158,888	299,405	SH	DFND	1	299,405	0	0
US SILICA HOLDINGS INC	COM	90346E103	505,658	40,746	SH	DFND	1	40,746	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	296,772	6,119	SH	DFND	1	6,119	0	0
USCB FINANCIAL HOLDINGS INC	CL A	90355N101	59,120	5,186	SH	DFND	1	5,186	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	120,247	1,691	SH	DFND	1	1,691	0	0
UTZ BRANDS INC	CL A	918090101	654,749	35,507	SH	DFND	1	35,507	0	0
UWM HOLDINGS CORP	CL A	91823B109	7,587	1,045	SH	DFND	1	1,045	0	0
V2X INC	COM	92242T101	265,546	5,685	SH	DFND	1	5,685	0	0
VAALCO ENERGY INC	COM	91851C201	362,308	51,981	SH	DFND	1	51,981	0	0

VAIL RESORTS INC	COM	91879Q109	11,205,452	50,287	SH	DFND	1	50,287	0	0
VALARIS LTD	CL A	G9460G101	8,415,724	111,822	SH	DFND	1	111,822	0	0
VALERO ENERGY CORP	COM	91913Y100	16,036,326	93,950	SH	DFND	1	93,950	0	0
VALHI INC	COM	918905209	20,444	1,190	SH	DFND	1	1,190	0	0
VALLEY NATIONAL BANCORP	COM	919794107	6,160,634	773,949	SH	DFND	1	773,949	0	0
VALMONT INDUSTRIES	COM	920253101	6,315,138	27,664	SH	DFND	1	27,664	0	0
VALUE LINE INC	COM	920437100	16,848	416	SH	DFND	1	416	0	0
VALVOLINE INC	COM	92047W101	7,661,850	171,906	SH	DFND	1	171,906	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	114,427	27,841	SH	DFND	1	27,841	0	0
VAREX IMAGING CORP	COM	92214X106	383,955	21,213	SH	DFND	1	21,213	0	0
VARONIS SYSTEMS INC	COM	922280102	2,528,737	53,609	SH	DFND	1	53,609	0	0
VAXCYTE INC	COM	92243G108	3,573,501	52,313	SH	DFND	1	52,313	0	0
VAXXINITY INC A	CL A	92244V104	15,070	21,003	SH	DFND	1	21,003	0	0
VECTOR GROUP LTD	COM	92240M108	853,061	77,834	SH	DFND	1	77,834	0	0
VEECO INSTRUMENTS INC	COM	922417100	973,752	27,687	SH	DFND	1	27,687	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	559,995	2,417	SH	DFND	1	2,417	0	0
VELO3D INC	COM	92259N104	20,634	45,289	SH	DFND	1	45,289	0	0
VELOCITY FINANCIAL INC	COM	92262D101	77,688	4,316	SH	DFND	1	4,316	0	0
VENTAS INC	COM	92276F100	4,580,713	105,207	SH	DFND	1	105,207	0	0
VENTYX BIOSCIENCES INC	COM	92332V107	126,852	23,064	SH	DFND	1	23,064	0	0
VERA BRADLEY INC	COM	92335C106	87,917	12,929	SH	DFND	1	12,929	0	0
VERA THERAPEUTICS INC	CL A	92337R101	852,224	19,764	SH	DFND	1	19,764	0	0
VERACYTE INC	COM	92337F107	795,056	35,878	SH	DFND	1	35,878	0	0
VERALTO CORP	COM	92338C103	4,924,531	55,544	SH	DFND	1	55,544	0	0
VERDE CLEAN FUELS INC	CL A	923372106	1,244	311	SH	DFND	1	311	0	0
VERICEL CORP	COM	92346J108	1,336,134	25,685	SH	DFND	1	25,685	0	0
VERINT SYSTEMS INC	COM	92343X100	1,000,765	30,189	SH	DFND	1	30,189	0	0
VERIS RESIDENTIAL INC	COM	554489104	650,015	42,736	SH	DFND	1	42,736	0	0
VERISIGN INC	COM	92343E102	4,454,243	23,504	SH	DFND	1	23,504	0	0
VERISK ANALYTICS INC	COM	92345Y106	13,111,774	55,622	SH	DFND	1	55,622	0	0
VERITEX HOLDINGS INC	COM	923451108	581,814	28,395	SH	DFND	1	28,395	0	0
VERITONE INC	COM	92347M100	68,654	13,052	SH	DFND	1	13,052	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	49,334,386	1,175,748	SH	DFND	1	1,175,748	0	0
VERRA MOBILITY CORP	COM	92511U102	1,877,619	75,195	SH	DFND	1	75,195	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	60,905	10,288	SH	DFND	1	10,288	0	0
VERTEX ENERGY INC	COM	92534K107	45,079	32,199	SH	DFND	1	32,199	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	40,275,682	96,351	SH	DFND	1	96,351	0	0
VERTIV HOLDINGS CO A	CL A	92537N108	248,195	3,039	SH	DFND	1	3,039	0	0
VERVE THERAPEUTICS INC	COM	92539P101	431,175	32,468	SH	DFND	1	32,468	0	0
VESTIS CORP	COM	29430C102	136,046	7,060	SH	DFND	1	7,060	0	0
VF CORP	COM	918204108	1,328,245	86,587	SH	DFND	1	86,587	0	0
VIAD CORP	COM	92552R406	434,666	11,007	SH	DFND	1	11,007	0	0
VIANT TECHNOLOGY INC A	CL A	92557A101	78,053	7,322	SH	DFND	1	7,322	0	0

VIASAT INC	COM	92552V100	80,501	4,450	SH	DFND	1	4,450	0	0
VIATRIS INC	COM	92556V106	3,745,685	313,709	SH	DFND	1	313,709	0	0
VIAVI SOLUTIONS INC	COM	925550105	1,085,591	119,427	SH	DFND	1	119,427	0	0
VICARIOUS SURGICAL INC	CL A	92561V109	15,129	50,178	SH	DFND	1	50,178	0	0
VICI PROPERTIES INC	COM	925652109	8,059,685	270,550	SH	DFND	1	270,550	0	0
VICOR CORP	COM	925815102	458,192	11,982	SH	DFND	1	11,982	0	0
VICTORIA S SECRET AND CO	COM	926400102	87,501	4,515	SH	DFND	1	4,515	0	0
VICTORY CAPITAL HOLDING A	CL A	92645B103	560,840	13,218	SH	DFND	1	13,218	0	0
VIEMED HEALTHCARE INC	COM	92663R105	158,660	16,825	SH	DFND	1	16,825	0	0
VIGIL NEUROSCIENCE INC	COM	92673K108	27,004	7,919	SH	DFND	1	7,919	0	0
VIKING THERAPEUTICS INC	COM	92686J106	4,138,212	50,466	SH	DFND	1	50,466	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	124,339	4,346	SH	DFND	1	4,346	0	0
VIMEO INC	COM	92719V100	310,619	75,946	SH	DFND	1	75,946	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	76,345	4,613	SH	DFND	1	4,613	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	458,545	45,266	SH	DFND	1	45,266	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	260,748	176,181	SH	DFND	1	176,181	0	0
VIRGINIA NATIONAL BANKSHARES	COM	928031103	70,103	2,329	SH	DFND	1	2,329	0	0
VIRIDIAN THERAPEUTICS INC	COM	92790C104	429,258	24,515	SH	DFND	1	24,515	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	14,323	698	SH	DFND	1	698	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	913,062	3,682	SH	DFND	1	3,682	0	0
VISA INC CLASS A SHARES	COM	92826C839	135,303,287	484,819	SH	DFND	1	484,819	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	5,189,025	228,793	SH	DFND	1	228,793	0	0
VISHAY PRECISION GROUP	COM	92835K103	215,760	6,107	SH	DFND	1	6,107	0	0
VISTA OUTDOOR INC	COM	928377100	1,022,343	31,188	SH	DFND	1	31,188	0	0
VISTEON CORP	COM	92839U206	5,902,964	50,191	SH	DFND	1	50,191	0	0
VISTRA CORP	COM	92840M102	31,057,562	445,909	SH	DFND	1	445,909	0	0
VITA COCO CO INC/THE	COM	92846Q107	453,885	18,579	SH	DFND	1	18,579	0	0
VITAL ENERGY INC	COM	516806205	665,367	12,664	SH	DFND	1	12,664	0	0
VITAL FARMS INC	COM	92847W103	356,469	15,332	SH	DFND	1	15,332	0	0
VITESSE ENERGY INC	COM	92852X103	293,279	12,359	SH	DFND	1	12,359	0	0
VIVID SEATS INC CLASS A	CL A	92854T100	220,492	36,810	SH	DFND	1	36,810	0	0
VIZIO HOLDING CORP A	CL A	92858V101	414,134	37,855	SH	DFND	1	37,855	0	0
VONTIER CORP	COM	928881101	9,287,006	204,740	SH	DFND	1	204,740	0	0
VOR BIOPHARMA INC	COM	929033108	44,577	18,809	SH	DFND	1	18,809	0	0
VORNADO REALTY TRUST	COM	929042109	6,092,393	211,762	SH	DFND	1	211,762	0	0
VOXX INTERNATIONAL CORP	CL A	91829F104	47,091	5,771	SH	DFND	1	5,771	0	0
VOYA FINANCIAL INC	COM	929089100	10,074,631	136,291	SH	DFND	1	136,291	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	180,586	19,397	SH	DFND	1	19,397	0	0
VSE CORP	COM	918284100	516,400	6,455	SH	DFND	1	6,455	0	0
VULCAN MATERIALS	COM	929160109	9,774,903	35,816	SH	DFND	1	35,816	0	0

CO											
VUZIX CORP	COM	92921W300	35,201	29,092	SH	DFND	1	29,092	0	0	
W AND T OFFSHORE INC	COM	92922P106	128,430	48,464	SH	DFND	1	48,464	0	0	
WABASH NATIONAL CORP	COM	929566107	743,021	24,817	SH	DFND	1	24,817	0	0	
WABTEC CORP	COM	929740108	6,824,525	46,846	SH	DFND	1	46,846	0	0	
WAFD INC	COM	938824109	1,063,572	36,637	SH	DFND	1	36,637	0	0	
WALDENCAST ACQUISITION COR A	CL A ORD SHS	G9503X103	89,154	13,716	SH	DFND	1	13,716	0	0	
WALGREENS BOOTS ALLIANCE INC	COM	931427108	6,853,801	315,989	SH	DFND	1	315,989	0	0	
WALKER AND DUNLOP INC	COM	93148P102	1,742,274	17,240	SH	DFND	1	17,240	0	0	
WALMART INC	COM	931142103	65,236,795	1,084,208	SH	DFND	1	1,084,208	0	0	
WALT DISNEY CO/THE	COM	254687106	56,847,844	464,595	SH	DFND	1	464,595	0	0	
WARBY PARKER INC CLASS A	CL A	93403J106	577,540	42,435	SH	DFND	1	42,435	0	0	
WARNER BROS DISCOVERY INC	COM	934423104	7,211,460	826,055	SH	DFND	1	826,055	0	0	
WARRIOR MET COAL INC	COM	93627C101	1,695,048	27,925	SH	DFND	1	27,925	0	0	
WASHINGTON TRUST BANCORP	COM	940610108	224,206	8,341	SH	DFND	1	8,341	0	0	
WASTE MANAGEMENT INC	COM	94106L109	25,336,288	118,866	SH	DFND	1	118,866	0	0	
WATERS CORP	COM	941848103	5,564,134	16,164	SH	DFND	1	16,164	0	0	
WATERSTONE FINANCIAL INC	COM	94188P101	104,114	8,555	SH	DFND	1	8,555	0	0	
WATSCO INC	COM	942622200	17,923,299	41,492	SH	DFND	1	41,492	0	0	
WATTS WATER TECHNOLOGIES A	COM	942749102	10,519,737	49,493	SH	DFND	1	49,493	0	0	
WAVE LIFE SCIENCES LTD	LTD SHS	Y95308105	223,607	36,241	SH	DFND	1	36,241	0	0	
WAYFAIR INC CLASS A	COM	94419L101	63,875	941	SH	DFND	1	941	0	0	
WD 40 CO	COM	929236107	1,855,496	7,325	SH	DFND	1	7,325	0	0	
WEATHERFORD INTERNATIONAL PL	ORD SHS	G48833118	15,033,109	130,247	SH	DFND	1	130,247	0	0	
WEAVE COMMUNICATIONS INC	COM	94724R108	194,506	16,943	SH	DFND	1	16,943	0	0	
WEBSTER FINANCIAL CORP	COM	947890109	11,560,278	227,699	SH	DFND	1	227,699	0	0	
WEC ENERGY GROUP INC	COM	92939U106	7,977,055	97,139	SH	DFND	1	97,139	0	0	
WEIBO CORP SPON ADR	ADR	948596101	6,254	688	SH	DFND	1	688	0	0	
WEIS MARKETS INC	COM	948849104	523,314	8,126	SH	DFND	1	8,126	0	0	
WELLS FARGO AND CO	COM	949746101	52,831,989	911,525	SH	DFND	1	911,525	0	0	
WELLTOWER INC	COM	95040Q104	13,962,272	149,425	SH	DFND	1	149,425	0	0	
WENDY S CO/THE	COM	95058W100	4,193,445	222,582	SH	DFND	1	222,582	0	0	
WERNER ENTERPRISES INC	COM	950755108	4,486,595	114,688	SH	DFND	1	114,688	0	0	
WESBANCO INC	COM	950810101	848,244	28,455	SH	DFND	1	28,455	0	0	
WESCO INTERNATIONAL INC	COM	95082P105	9,959,247	58,146	SH	DFND	1	58,146	0	0	
WEST BANCORPORATION	COM	95123P106	142,480	7,991	SH	DFND	1	7,991	0	0	
WEST PHARMACEUTICAL SERVICES	COM	955306105	8,188,031	20,692	SH	DFND	1	20,692	0	0	
WESTAMERICA BANCORPORATION	COM	957090103	684,564	14,005	SH	DFND	1	14,005	0	0	
WESTERN ALLIANCE BANCORP	COM	957638109	57,129	890	SH	DFND	1	890	0	0	
WESTERN DIGITAL	COM	958102105	9,790,734	143,475	SH	DFND	1	143,475	0	0	

CORP										
WESTERN UNION CO	COM	959802109	6,494,060	464,525	SH	DFND	1	464,525	0	0
WESTLAKE CORP	COM	960413102	6,479,942	42,408	SH	DFND	1	42,408	0	0
WESTROCK CO	COM	96145D105	3,321,903	67,177	SH	DFND	1	67,177	0	0
WESTROCK COFFEE CO	COM	96145W103	144,620	14,000	SH	DFND	1	14,000	0	0
WEX INC	COM	96208T104	13,476,977	56,738	SH	DFND	1	56,738	0	0
WEYCO GROUP INC	COM	962149100	93,281	2,926	SH	DFND	1	2,926	0	0
WEYERHAEUSER CO	COM	962166104	6,854,070	190,868	SH	DFND	1	190,868	0	0
WHIRLPOOL CORP	COM	963320106	8,708,227	72,793	SH	DFND	1	72,793	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	35,886	20	SH	DFND	1	20	0	0
WHITESTONE REIT	COM	966084204	328,434	26,170	SH	DFND	1	26,170	0	0
WIDOPENWEST INC	COM	96758W101	89,287	24,665	SH	DFND	1	24,665	0	0
WILEY (JOHN) AND SONS CLASS A	COM	968223206	751,390	19,706	SH	DFND	1	19,706	0	0
WILLDAN GROUP INC	COM	96924N100	176,201	6,078	SH	DFND	1	6,078	0	0
WILLIAMS COS INC	COM	969457100	12,577,684	322,753	SH	DFND	1	322,753	0	0
WILLIAMS SONOMA INC	COM	969904101	26,981,794	84,974	SH	DFND	1	84,974	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	72,048	1,452	SH	DFND	1	1,452	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	7,406,575	26,933	SH	DFND	1	26,933	0	0
WILLSCOT MOBILE MINI HOLDING	COM CL A	971378104	89,792	1,931	SH	DFND	1	1,931	0	0
WINGSTOP INC	COM	974155103	14,357,018	39,184	SH	DFND	1	39,184	0	0
WINMARK CORP	COM	974250102	509,274	1,408	SH	DFND	1	1,408	0	0
WINNEBAGO INDUSTRIES	COM	974637100	1,136,344	15,356	SH	DFND	1	15,356	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	8,461,331	81,055	SH	DFND	1	81,055	0	0
WISDOMTREE INC	COM	97717P104	672,451	73,172	SH	DFND	1	73,172	0	0
WIX.COM LTD	COM	M98068105	1,344,417	9,779	SH	DFND	1	9,779	0	0
WK KELLOGG CO	COM	92942W107	67,548	3,593	SH	DFND	1	3,593	0	0
WOLFSPEED INC	COM	977852102	4,912,016	166,509	SH	DFND	1	166,509	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	470,854	42,003	SH	DFND	1	42,003	0	0
WOODWARD INC	COM	980745103	12,300,934	79,814	SH	DFND	1	79,814	0	0
WORKDAY INC CLASS A	COM	98138H101	3,907,689	14,327	SH	DFND	1	14,327	0	0
WORKHORSE GROUP INC	COM	98138J206	26,367	112,393	SH	DFND	1	112,393	0	0
WORKIVA INC	COM	98139A105	2,078,957	24,516	SH	DFND	1	24,516	0	0
WORLD ACCEPTANCE CORP	COM	981419104	313,302	2,161	SH	DFND	1	2,161	0	0
WORLD KINECT CORP	COM	981475106	853,436	32,266	SH	DFND	1	32,266	0	0
WORTHINGTON ENTERPRISES INC	COM	981811102	1,033,018	16,600	SH	DFND	1	16,600	0	0
WORTHINGTON STEEL INC	COM	982104101	595,074	16,599	SH	DFND	1	16,599	0	0
WP CAREY INC	COM	92936U109	16,336,163	289,443	SH	DFND	1	289,443	0	0
WR BERKLEY CORP	COM	084423102	4,685,640	52,981	SH	DFND	1	52,981	0	0
WSFS FINANCIAL CORP	COM	929328102	1,471,067	32,589	SH	DFND	1	32,589	0	0
WW GRAINGER INC	COM	384802104	12,458,873	12,247	SH	DFND	1	12,247	0	0
WW INTERNATIONAL INC	COM	98262P101	49,717	26,874	SH	DFND	1	26,874	0	0
WYNDHAM HOTELS AND RESORTS INC	COM	98311A105	8,431,141	109,852	SH	DFND	1	109,852	0	0
WYNN RESORTS LTD	COM	983134107	2,654,709	25,968	SH	DFND	1	25,968	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	85,812	61,735	SH	DFND	1	61,735	0	0

XCEL ENERGY INC	COM	98389B100	9,801,958	182,362	SH	DFND	1	182,362	0	0
XENCOR INC	COM	98401F105	695,059	31,408	SH	DFND	1	31,408	0	0
XENIA HOTELS AND RESORTS INC	COM	984017103	854,804	56,949	SH	DFND	1	56,949	0	0
XERIS BIOPHARMA HOLDINGS INC	COM	98422E103	144,925	65,577	SH	DFND	1	65,577	0	0
XEROX HOLDINGS CORP	COM	98421M106	1,126,519	62,934	SH	DFND	1	62,934	0	0
XOMA CORP	COM	98419J206	86,652	3,603	SH	DFND	1	3,603	0	0
XOMETRY INC A	CL A	98423F109	282,688	16,737	SH	DFND	1	16,737	0	0
XP INC CLASS A	CL A	G98239109	74,055	2,886	SH	DFND	1	2,886	0	0
XPEL INC	COM	98379L100	655,695	12,138	SH	DFND	1	12,138	0	0
XPERI INC	COM	98423J101	282,506	23,425	SH	DFND	1	23,425	0	0
XPO INC	COM	983793100	18,753,692	153,681	SH	DFND	1	153,681	0	0
XPONENTIAL FITNESS INC A	CL A	98422X101	189,482	11,456	SH	DFND	1	11,456	0	0
XYLEM INC	COM	98419M100	8,174,818	63,253	SH	DFND	1	63,253	0	0
Y MABS THERAPEUTICS INC	COM	984241109	294,826	18,132	SH	DFND	1	18,132	0	0
YANDEX NV A	CL A	N97284108	0	4,192	SH	DFND	1	4,192	0	0
YELP INC	COM	985817105	1,418,715	36,008	SH	DFND	1	36,008	0	0
YETI HOLDINGS INC	COM	98585X104	4,460,158	115,698	SH	DFND	1	115,698	0	0
YEXT INC	COM	98585N106	318,209	52,771	SH	DFND	1	52,771	0	0
YORK WATER CO	COM	987184108	254,797	7,025	SH	DFND	1	7,025	0	0
YUM BRANDS INC	COM	988498101	11,431,970	82,452	SH	DFND	1	82,452	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	212,280	5,335	SH	DFND	1	5,335	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	4,072,153	13,509	SH	DFND	1	13,509	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	452,328	28,701	SH	DFND	1	28,701	0	0
ZETA GLOBAL HOLDINGS CORP A	CL A	98956A105	756,990	69,258	SH	DFND	1	69,258	0	0
ZEVIA PBC A	CL A	98955K104	14,607	12,485	SH	DFND	1	12,485	0	0
ZEVRA THERAPEUTICS INC	COM	488445206	103,953	17,923	SH	DFND	1	17,923	0	0
ZIFF DAVIS INC	COM	48123V102	5,236,607	83,068	SH	DFND	1	83,068	0	0
ZILLOW GROUP INC A	COM	98954M101	21,250	444	SH	DFND	1	444	0	0
ZILLOW GROUP INC C	COM	98954M200	62,048	1,272	SH	DFND	1	1,272	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	7,286,352	55,208	SH	DFND	1	55,208	0	0
ZIMVIE INC	COM	98888T107	210,017	12,736	SH	DFND	1	12,736	0	0
ZIONS BANCORP NA	COM	989701107	8,510,089	196,085	SH	DFND	1	196,085	0	0
ZIPRECRUITER INC A	CL A	98980B103	383,214	33,352	SH	DFND	1	33,352	0	0
ZOETIS INC	COM	98978V103	24,029,004	142,007	SH	DFND	1	142,007	0	0
ZOOM VIDEO COMMUNICATIONS A	CL A	98980L101	138,846	2,124	SH	DFND	1	2,124	0	0
ZOOMINFO TECHNOLOGIES INC	COM	98980F104	6,307,500	393,481	SH	DFND	1	393,481	0	0
ZSCALER INC	COM	98980G102	2,243,369	11,646	SH	DFND	1	11,646	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	116,175	5,548	SH	DFND	1	5,548	0	0
ZUMIEZ INC	COM	989817101	119,272	7,852	SH	DFND	1	7,852	0	0
ZUORA INC CLASS A	COM	98983V106	609,936	66,879	SH	DFND	1	66,879	0	0
ZURA BIO LTD	CL A	G9TY5A101	21,578	8,396	SH	DFND	1	8,396	0	0
ZURN ELKAY WATER SOLUTIONS C	COM	98983L108	2,442,708	72,982	SH	DFND	1	72,982	0	0
ZYMEWORKS INC	COM	98985Y108	289,879	27,555	SH	DFND	1	27,555	0	0

ZYNEX INC

COM

98986M103

111,132

8,984 SH

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