

SECURITIES AND EXCHANGE COMMISSION

FORM 13F-HR

Initial quarterly Form 13F holdings report filed by institutional managers

Filing Date: **2023-11-14** | Period of Report: **2023-09-30**
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FILER

RENAISSANCE TECHNOLOGIES LLC

CIK: [1037389](#) | IRS No.: **260385758** | State of Incorporation: **DE** | Fiscal Year End: **1231**
Type: **13F-HR** | Act: **34** | File No.: [028-06262](#) | Film No.: **231402311**

Mailing Address
800 THIRD AVE
NEW YORK NY 10022

Business Address
800 THIRD AVE
NEW YORK NY 10022
2124866780

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

OMB APPROVAL	
OMB Number:	3235-0006
Expires:	July 31, 2015
Estimated average burden hours per response:	23.8

FORM 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: [09-30-2023](#)

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: [RENAISSANCE TECHNOLOGIES LLC](#)
Address: [800 THIRD AVE](#)
[NEW YORK, NY 10022](#)
Form 13F File Number: [028-06262](#)

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: [Brian Felczak](#)
Title: [Chief Financial Officer](#)
Phone: [212-486-6780](#)

Signature, Place, and Date of Signing:

[Brian Felczak](#) [New York, NEW YORK](#) [11-14-2023](#)
[Signature] [City, State] [Date]

Report Type (Check only one.):

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

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: [0](#)
Form 13F Information table Entry Total: [3611](#)
Form 13F Information table Value Total: [58653433](#)
(thousands)

List of Other Included Managers:

Provide a numbered list of the name(s) and Form 13F file number(s) of all institutional investment managers with respect to which this report is filed, other than the manager filing this report.
[If there are no entries in this list, state "NONE" and omit the column headings and list entries.]

[NONE](#)

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

COLUMN 1 NAME OF ISSUER	COLUMN 2 TITLE OF CLASS	COLUMN 3 CUSIP	COLUMN 4 VALUE (x\$1000)	COLUMN 5 SHRS OR PRN	COLUMN 6 SH/ PUT/ CALL	COLUMN 7 INVESTMENT DISCRETION	COLUMN 8 OTHER MANAGER	COLUMN 9 VOTING AUTHORITY		
								SOLE	SHARED	NONE
111 INC	ADS	68247Q102	369	141,747	SH	SOLE	0	141,747	0	0
17 ED & TECHNOLOGY GROUP INC	ADS	81807M205	83	105,856	SH	SOLE	0	105,856	0	0
1 800 FLOWERS COM INC	CL A	68243Q106	939	134,085	SH	SOLE	0	134,085	0	0
180 LIFE SCIENCES CORP	COM NEW	68236V203	59	96,136	SH	SOLE	0	96,136	0	0
1STDIBS COM INC	COM	320551104	993	272,881	SH	SOLE	0	272,881	0	0
1ST SOURCE CORP	COM	336901103	5,805	137,914	SH	SOLE	0	137,914	0	0
23ANDME HOLDING CO	CLASS A COM	90138Q108	2,754	2,817,161	SH	SOLE	0	2,817,161	0	0
2SEVENTY BIO INC	COMMON STOCK	901384107	387	98,839	SH	SOLE	0	98,839	0	0
36KR HOLDINGS INC	SPONSORED ADS	88429K103	15	15,500	SH	SOLE	0	15,500	0	0
3M CO	COM	88579Y101	36,905	394,200	SH	SOLE	0	238,170	0	156,030
51TALK ONLINE EDUCATION GROU	SPONSORED ADR	16954L204	424	48,175	SH	SOLE	0	48,175	0	0
5E ADVANCED MATERIALS INC	COMMON STOCK	33830Q109	120	52,900	SH	SOLE	0	52,900	0	0
8X8 INC NEW	COM	282914100	96	38,030	SH	SOLE	0	38,030	0	0
908 DEVICES INC	COM	65443P102	564	84,700	SH	SOLE	0	84,700	0	0
A10 NETWORKS INC	COM	002121101	36,451	2,425,233	SH	SOLE	0	2,425,233	0	0
AADI BIOSCIENCE INC	COM	00032Q104	1,190	245,922	SH	SOLE	0	245,922	0	0
AAON INC	COM PAR \$0.004	000360206	4,567	80,302	SH	SOLE	0	80,302	0	0
AAR CORP	COM	000361105	11,350	190,660	SH	SOLE	0	179,324	0	11,336
ABBOTT LABS	COM	002824100	8,471	87,466	SH	SOLE	0	87,466	0	0
ABBVIE INC	COM	00287Y109	202,438	1,358,099	SH	SOLE	0	1,270,451	0	87,648
ABCAM PLC	ADS	000380204	13,868	612,800	SH	SOLE	0	496,031	0	116,769
ABCELLERA BIOLOGICS INC	COM	00288U106	7,783	1,692,053	SH	SOLE	0	1,692,053	0	0
ABEONA THERAPEUTICS INC	COM NEW	00289Y206	130	30,837	SH	SOLE	0	30,837	0	0
ABERCROMBIE & FITCH CO	CL A	002896207	24,156	428,531	SH	SOLE	0	428,531	0	0
ABRDN ETFS	BBRG ALL COMD K1	003261104	444	21,022	SH	SOLE	0	21,022	0	0
ABRDN PALLADIUM ETF TRUST	PHYSICAL PALLADM	003262102	955	8,300	SH	SOLE	0	8,300	0	0
ABRDN PLATINUM ETF TRUST	PHYSCL PLATM SHS	003260106	1,070	12,800	SH	SOLE	0	12,800	0	0
ABSCI CORPORATION	COM	00091E109	397	300,800	SH	SOLE	0	300,800	0	0
ACACIA RESH CORP	ACACIA TCH COM	003881307	5,884	1,612,000	SH	SOLE	0	1,612,000	0	0
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	236	5,000	SH	SOLE	0	5,000	0	0
ACADIA RLTY TR	COM SH BEN INT	004239109	1,561	108,801	SH	SOLE	0	108,801	0	0
ACCEL ENTERTAINMENT INC	COM CL A1	00436Q106	5,096	465,405	SH	SOLE	0	465,405	0	0
ACCO BRANDS CORP	COM	00081T108	2,264	394,400	SH	SOLE	0	394,400	0	0
ACCOLADE INC	COM	00437E102	4,613	436,000	SH	SOLE	0	436,000	0	0
ACCURAY INC	COM	004397105	7,948	2,922,184	SH	SOLE	0	2,922,184	0	0
ACHIEVE LIFE SCIENCES INC	COM	004468500	95	22,100	SH	SOLE	0	22,100	0	0
ACHILLES THERAPEUTICS PLC	SPONSORED ADS	00449L102	398	437,528	SH	SOLE	0	381,072	0	56,456
AC IMMUNE SA	SHS	H00263105	1,212	425,179	SH	SOLE	0	425,179	0	0
ACLARION INC	COM	655187102	9	28,100	SH	SOLE	0	28,100	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	4,436	647,652	SH	SOLE	0	647,652	0	0
ACME UTD CORP	COM	004816104	3,853	128,902	SH	SOLE	0	128,902	0	0
ACNB CORP	COM	000868109	485	15,356	SH	SOLE	0	15,356	0	0
ACORDA THERAPEUTICS INC	COM	00484M700	690	46,061	SH	SOLE	0	46,061	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	25,289	270,100	SH	SOLE	0	270,100	0	0
ACUITY BRANDS INC	COM	00508Y102	19,912	116,918	SH	SOLE	0	112,767	0	4,151
ACUMEN PHARMACEUTICALS INC	COM	00509G209	363	87,400	SH	SOLE	0	87,400	0	0
ACURX PHARMACEUTICALS INC	COM	00510M104	28	18,800	SH	SOLE	0	18,800	0	0
ACUSHNET HLDGS CORP	COM	005098108	3,787	71,400	SH	SOLE	0	71,400	0	0

ACUTUS MED INC	COM	005111109	220	315,400	SH	SOLE	0	315,400	0	0
ACV AUCTIONS INC	COM CL A	00091G104	3,485	229,570	SH	SOLE	0	215,779	0	13,791
ADAMS RES & ENERGY INC	COM NEW	006351308	6,486	192,520	SH	SOLE	0	185,440	0	7,080
ADAPTIMMUNE THERAPEUTICS PLC	SPONDS ADR	00653A107	802	1,027,860	SH	SOLE	0	1,027,860	0	0
ADAPTIVE BIOTECHNOLOGIES COR	COM	00650F109	279	51,200	SH	SOLE	0	51,200	0	0
ADDUS HOMECARE CORP	COM	006739106	6,687	78,500	SH	SOLE	0	78,500	0	0
ADVANTAGE TECHNOLOGIES GROU	COM NEW	006743306	18	46,258	SH	SOLE	0	45,521	0	737
ADEIA INC	COM	00676P107	14,384	1,346,843	SH	SOLE	0	1,346,843	0	0
ADICET BIO INC	COM	007002108	927	677,000	SH	SOLE	0	677,000	0	0
ADIENT PLC	ORD SHS	G0084W101	6,191	168,700	SH	SOLE	0	168,700	0	0
ADMA BIOLOGICS INC	COM	000899104	5,000	1,396,555	SH	SOLE	0	1,396,555	0	0
ADTALEM GLOBAL ED INC	COM	00737L103	10,623	247,900	SH	SOLE	0	247,900	0	0
ADTHEORENT HOLDING COMPANY	COM	00739D109	356	275,900	SH	SOLE	0	275,900	0	0
ADTRAN HOLDINGS INC	COM	00486H105	5,421	658,673	SH	SOLE	0	658,673	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	32,560	582,150	SH	SOLE	0	582,150	0	0
ADVANCED EMISSIONS SOLUTIONS	COM	00770C101	32	17,845	SH	SOLE	0	17,845	0	0
ADVANCED ENERGY INDS	COM	007973100	2,611	25,322	SH	SOLE	0	25,322	0	0
ADVANSIX INC	COM	00773T101	1,169	37,600	SH	SOLE	0	37,600	0	0
ADVANTAGE SOLUTIONS INC	COM CL A	00791N102	1,161	408,800	SH	SOLE	0	408,800	0	0
ADVENT TECHNOLOGIES HOLDNG I	COM CL A	00788A105	118	302,100	SH	SOLE	0	302,100	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	1,995	1,329,741	SH	SOLE	0	1,329,741	0	0
AECOM	COM	00766T100	961	11,577	SH	SOLE	0	11,577	0	0
AEGLEA BIOTHERAPEUTICS INC	COM NEW	00773J202	285	23,229	SH	SOLE	0	23,229	0	0
AEGON N V	NY REGISTRY SHS	007924103	2,076	432,496	SH	SOLE	0	0	0	432,496
AEMETIS INC	COM NEW	00770K202	136	32,700	SH	SOLE	0	32,700	0	0
AEROVIRONMENT INC	COM	008073108	3,227	28,936	SH	SOLE	0	28,936	0	0
AERWINS TECHNOLOGIES INC	COM	00810J108	10	80,780	SH	SOLE	0	80,780	0	0
AESTHETIC MED INTL HLDG GR L	ADS	00809M104	10	13,000	SH	SOLE	0	13,000	0	0
AETHLON MED INC	COM	00808Y307	4	16,000	SH	SOLE	0	16,000	0	0
AEVA TECHNOLOGIES INC	COM	00835Q103	17	22,700	SH	SOLE	0	22,700	0	0
AFC GAMMA INC	COM	00109K105	1,454	123,808	SH	SOLE	0	123,808	0	0
AFFILIATED MANAGERS GROUP IN	COM	008252108	1,994	15,300	SH	SOLE	0	15,300	0	0
AFFIMED N V	COM	N01045108	78	162,458	SH	SOLE	0	0	0	162,458
AFFINITY BANCSHARES INC	COM	00832E103	657	44,404	SH	SOLE	0	41,645	0	2,759
AFFIRM HLDGS INC	COM CL A	00827B106	2,912	136,900	SH	SOLE	0	136,900	0	0
AFYA LTD	CL A COM	G01125106	3,487	220,700	SH	SOLE	0	220,700	0	0
AGCO CORP	COM	001084102	16,383	138,508	SH	SOLE	0	138,508	0	0
AGENUS INC	COM NEW	00847G705	701	620,342	SH	SOLE	0	620,342	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	26,177	234,100	SH	SOLE	0	234,100	0	0
AGILITI INC	COM	00848J104	132	20,313	SH	SOLE	0	20,313	0	0
AGILON HEALTH INC	COM	00857U107	8,841	497,800	SH	SOLE	0	497,800	0	0
AGILYSYS INC	COM	00847J105	23,073	348,752	SH	SOLE	0	340,806	0	7,946
AG MTG INVT TR INC	COM NEW	001228501	1,000	180,100	SH	SOLE	0	180,100	0	0
AGNICO EAGLE MINES LTD	COM	008474108	59,735	1,314,300	SH	SOLE	0	1,314,300	0	0
AGORA INC	ADS	00851L103	1,981	782,900	SH	SOLE	0	782,900	0	0
AGREE RLTY CORP	COM	008492100	724	13,100	SH	SOLE	0	13,100	0	0
AILERON THERAPEUTICS INC	COM NEW	00887A204	29	18,964	SH	SOLE	0	18,964	0	0
AIM IMMUNOTECH INC	COM	00901B105	88	192,308	SH	SOLE	0	192,308	0	0
AIRBNB INC	COM CL A	009066101	617,892	4,503,256	SH	SOLE	0	4,503,256	0	0
AIRGAIN INC	COM	00938A104	1,346	366,676	SH	SOLE	0	358,495	0	8,181
AIR LEASE CORP	CL A	00912X302	398	10,100	SH	SOLE	0	10,100	0	0
AIRSCULPT TECHNOLOGIES INC	COM	009496100	73	10,600	SH	SOLE	0	10,600	0	0
AIRSPAN NETWORKS HOLDINGS IN	COM	00951K104	3	17,400	SH	SOLE	0	17,400	0	0
AIR T INC	COM	009207101	2,667	119,311	SH	SOLE	0	119,311	0	0
AIR TRANSPORT SERVICES GRP I	COM	00922R105	2,413	115,600	SH	SOLE	0	115,600	0	0
A K A BRANDS HLDG CORP	COM	00152K101	93	214,500	SH	SOLE	0	214,500	0	0
AKARI THERAPEUTICS PLC	SPONSORED ADR	00972G207	69	17,469	SH	SOLE	0	17,469	0	0

AKEBIA THERAPEUTICS INC	COM	00972D105	3,597	3,155,427	SH	SOLE	0	3,155,427	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	457	606,658	SH	SOLE	0	606,658	0	0
AKOYA BIOSCIENCES INC	COM	00974H104	989	212,600	SH	SOLE	0	200,532	0	12,068
AKSO HEALTH GROUP	ADS	98422P108	207	199,398	SH	SOLE	0	199,398	0	0
AKUMIN INC	COM	01021X100	15	100,200	SH	SOLE	0	100,200	0	0
ALAMO GROUP INC	COM	011311107	4,494	26,000	SH	SOLE	0	23,562	0	2,438
ALAMOS GOLD INC NEW	COM CL A	011532108	92,100	8,157,445	SH	SOLE	0	7,918,231	0	239,214
ALARM COM HLDGS INC	COM	011642105	11,769	192,500	SH	SOLE	0	191,100	0	1,400
ALARUM TECHNOLOGIES LTD	SPONSORD ADS NEW	78643B500	69	20,061	SH	SOLE	0	20,061	0	0
ALASKA AIR GROUP INC	COM	011659109	5,499	148,300	SH	SOLE	0	148,300	0	0
ALBANY INTL CORP	CL A	012348108	5,902	68,400	SH	SOLE	0	68,400	0	0
ALBEMARLE CORP	COM	012653101	38,736	227,808	SH	SOLE	0	194,589	0	33,219
ALBERTSONS COS INC	COMMON STOCK	013091103	57,276	2,517,605	SH	SOLE	0	2,517,605	0	0
ALCOA CORP	COM	013872106	23,989	825,500	SH	SOLE	0	825,500	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	1,482	221,800	SH	SOLE	0	221,800	0	0
ALECTOR INC	COM	014442107	3,254	502,203	SH	SOLE	0	502,203	0	0
ALERUS FINL CORP	COM	01446U103	213	11,700	SH	SOLE	0	11,700	0	0
ALEXANDERS INC	COM	014752109	13,089	71,826	SH	SOLE	0	71,826	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	18,128	181,100	SH	SOLE	0	164,229	0	16,871
ALGOMA STL GROUP INC	COM	015658107	1,397	205,478	SH	SOLE	0	205,478	0	0
ALGONQUIN PWR UTILS CORP	COM	015857105	807	136,122	SH	SOLE	0	0	0	136,122
ALIGNMENT HEALTHCARE INC	COM	01625V104	6,802	980,100	SH	SOLE	0	980,100	0	0
ALIGN TECHNOLOGY INC	COM	016255101	336	1,100	SH	SOLE	0	1,100	0	0
ALIGOS THERAPEUTICS INC	COM	01626L105	240	321,360	SH	SOLE	0	263,953	0	57,407
ALIMERA SCIENCES INC	COM NEW	016259202	350	112,894	SH	SOLE	0	112,894	0	0
ALITHYA GROUP INC	CL A SUB VTG	01643B106	1,029	681,133	SH	SOLE	0	681,133	0	0
ALKERMES PLC	SHS	G01767105	171,310	6,116,013	SH	SOLE	0	6,116,013	0	0
ALLAKOS INC	COM	01671P100	2,975	1,310,459	SH	SOLE	0	1,310,459	0	0
ALLBIRDS INC	COM CL A	01675A109	546	491,800	SH	SOLE	0	491,800	0	0
ALLEGIAN TRAVEL CO	COM	01748X102	1,583	20,600	SH	SOLE	0	20,600	0	0
ALLEGION PLC	ORD SHS	G0176J109	15,859	152,200	SH	SOLE	0	152,200	0	0
ALLEGRO MICROSYSTEMS INC	COM	01749D105	15,654	490,100	SH	SOLE	0	490,100	0	0
ALLETE INC	COM NEW	018522300	2,196	41,599	SH	SOLE	0	41,599	0	0
ALLIED GAMING & ENTRTNMNT IN	COM	019170109	30	33,400	SH	SOLE	0	33,400	0	0
ALLIENT INC	COM	019330109	6,302	203,822	SH	SOLE	0	203,822	0	0
ALLISON TRANSMISSION HLDGS I	COM	01973R101	195,567	3,311,319	SH	SOLE	0	3,311,319	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	96	30,282	SH	SOLE	0	30,282	0	0
ALLOT LTD	SHS	M0854Q105	1,982	909,306	SH	SOLE	0	909,306	0	0
ALLOVIR INC	COM	019818103	718	333,722	SH	SOLE	0	333,722	0	0
ALLSTATE CORP	COM	020002101	27,262	244,700	SH	SOLE	0	116,688	0	128,012
ALLY FINL INC	COM	02005N100	8,418	315,500	SH	SOLE	0	315,500	0	0
ALMADEN MINERALS LTD	COM CL B	020283305	57	390,966	SH	SOLE	0	0	0	390,966
ALPHABET INC	CAP STK CL A	02079K305	35,916	274,460	SH	SOLE	0	274,460	0	0
ALPHA METALLURGICAL RESOUR I	COM	020764106	143,193	551,315	SH	SOLE	0	551,315	0	0
ALPHA & OMEGA SEMICONDUCTOR	SHS	G6331P104	5,398	180,900	SH	SOLE	0	180,600	0	300
ALPHA PRO TECH LTD	COM	020772109	2,524	581,505	SH	SOLE	0	578,849	0	2,656
ALPHATEC HLDGS INC	COM NEW	02081G201	4,208	324,439	SH	SOLE	0	242,373	0	82,066
ALPINE IMMUNE SCIENCES INC	COM	02083G100	3,300	288,194	SH	SOLE	0	288,194	0	0
ALPINE INCOME PPTY TR INC	COM	02083X103	555	33,900	SH	SOLE	0	33,900	0	0
ALPS ETF TR	ALERIAN MLP	00162Q452	2,600	61,600	SH	SOLE	0	61,600	0	0
ALSET INC	COM NEW	02115D208	123	92,966	SH	SOLE	0	92,966	0	0
ALTA EQUIPMENT GROUP INC	COMMON STOCK	02128L106	2,040	169,188	SH	SOLE	0	169,188	0	0
ALTICE USA INC	CL A	02156K103	4,275	1,307,400	SH	SOLE	0	1,267,149	0	40,251
ALTIMMUNE INC	COM NEW	02155H200	860	330,900	SH	SOLE	0	330,900	0	0
ALTISOURCE PORTFOLIO SOLNS S	REG SHS	L0175J104	1,691	423,722	SH	SOLE	0	423,722	0	0
ALTO INGREDIENTS INC	COM	021513106	2,881	651,700	SH	SOLE	0	651,700	0	0
ALTRIA GROUP INC	COM	02209S103	125,060	2,974,081	SH	SOLE	0	2,974,081	0	0

ALX ONCOLOGY HLDGS INC	COM	00166B105	1,020	212,500	SH	SOLE	0	212,500	0	0
ALZAMEND NEURO INC	COM NEW	02262M308	5	21,400	SH	SOLE	0	21,400	0	0
A-MARK PRECIOUS METALS INC	COM	00181T107	8,368	285,293	SH	SOLE	0	285,293	0	0
AMBAC FINL GROUP INC	COM NEW	023139884	1,514	125,544	SH	SOLE	0	125,544	0	0
AMBARELLA INC	SHS	G037AX101	5,319	100,300	SH	SOLE	0	100,300	0	0
AMBEV SA	SPONSORED ADR	02319V103	53,425	20,707,300	SH	SOLE	0	20,067,486	0	639,814
AMBOW ED HLDG LTD	SPONSORED ADS	02322P200	28	157,444	SH	SOLE	0	157,444	0	0
AMC ENTMT HLDGS INC	CL A NEW	00165C302	263	32,896	SH	SOLE	0	32,896	0	0
AMCON DISTRG CO	COM NEW	02341Q205	2,010	9,756	SH	SOLE	0	9,696	0	60
AMCOR PLC	ORD	G0250X107	21,669	2,365,600	SH	SOLE	0	2,068,315	0	297,285
AMERICA MOVIL SAB DE CV	SPON ADS RP CL B	02390A101	41,797	2,413,202	SH	SOLE	0	2,277,528	0	135,674
AMERICAN AIRLS GROUP INC	COM	02376R102	287,366	22,432,932	SH	SOLE	0	19,691,533	0	2,741,399
AMERICAN ASSETS TR INC	COM	024013104	971	49,901	SH	SOLE	0	49,901	0	0
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	8,730	1,202,499	SH	SOLE	0	1,193,032	0	9,467
AMERICAN CENY ETF TR	INTL SMCP VLU	025072802	474	8,200	SH	SOLE	0	8,200	0	0
AMERICAN CENY ETF TR	US EQT ETF	025072885	901	12,300	SH	SOLE	0	12,300	0	0
AMERICAN CENY ETF TR	US SML CP VALU	025072877	1,037	13,300	SH	SOLE	0	13,300	0	0
AMERICAN COASTAL INS CORP	COM	910710102	674	91,626	SH	SOLE	0	91,626	0	0
AMERICAN EQTY INVT LIFE HLD	COM	025676206	11,254	209,800	SH	SOLE	0	209,800	0	0
AMERICAN EXPRESS CO	COM	025816109	62,969	422,070	SH	SOLE	0	422,070	0	0
AMERICAN FINL GROUP INC OHIO	COM	025932104	3,093	27,700	SH	SOLE	0	27,700	0	0
AMERICAN NATL BANKSHARES INC	COM	027745108	3,714	97,891	SH	SOLE	0	97,891	0	0
AMERICAN OUTDOOR BRANDS INC	COM	02875D109	2,518	257,468	SH	SOLE	0	257,468	0	0
AMERICAN PUB ED INC	COM	02913V103	4,644	932,442	SH	SOLE	0	903,668	0	28,774
AMERICAN RLTY INVS INC	COM	029174109	279	19,099	SH	SOLE	0	19,099	0	0
AMERICAN SHARED HOSPITAL SVC	COM	029595105	148	59,988	SH	SOLE	0	59,988	0	0
AMERICAN TOWER CORP NEW	COM	03027X100	87,116	529,739	SH	SOLE	0	529,739	0	0
AMERICAN VANGUARD CORP	COM	030371108	2,937	268,752	SH	SOLE	0	268,752	0	0
AMERICAN WELL CORP	CL A	03044L105	2,521	2,154,400	SH	SOLE	0	2,154,400	0	0
AMERICAN WOODMARK CORPORATIO	COM	030506109	4,068	53,801	SH	SOLE	0	53,801	0	0
AMERICAN WTR WKS CO INC NEW	COM	030420103	2,340	18,900	SH	SOLE	0	18,900	0	0
AMERICAS GOLD AND SILVER COR	COM	03062D100	13	36,300	SH	SOLE	0	36,300	0	0
AMERISAFE INC	COM	03071H100	9,453	188,801	SH	SOLE	0	188,801	0	0
AMERISERV FINL INC	COM	03074A102	1,597	602,729	SH	SOLE	0	602,729	0	0
AMER SOFTWARE INC	CL A	029683109	17,096	1,491,800	SH	SOLE	0	1,491,800	0	0
AMER STATES WTR CO	COM	029899101	834	10,600	SH	SOLE	0	10,600	0	0
AMES NATL CORP	COM	031001100	979	58,984	SH	SOLE	0	58,984	0	0
AMETEK INC	COM	031100100	74,907	506,950	SH	SOLE	0	472,506	0	34,444
AMGEN INC	COM	031162100	17,281	64,300	SH	SOLE	0	64,300	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	1,805	148,400	SH	SOLE	0	148,400	0	0
AMMO INC	COM	00175J107	279	138,300	SH	SOLE	0	138,300	0	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	482	114,100	SH	SOLE	0	114,100	0	0
AMN HEALTHCARE SVCS INC	COM	001744101	18,163	213,232	SH	SOLE	0	182,518	0	30,714
AMPCO-PITTSBURG CORP	COM	032037103	1,249	474,957	SH	SOLE	0	474,957	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	27,737	603,100	SH	SOLE	0	603,100	0	0
AMPHENOL CORP NEW	CL A	032095101	11,512	137,062	SH	SOLE	0	137,062	0	0
AMPLIFY ENERGY CORP NEW	COM	03212B103	2,726	370,900	SH	SOLE	0	370,900	0	0
AMPLITECH GROUP INC	COM NEW	03211Q200	163	80,830	SH	SOLE	0	57,380	0	23,450
AMPLITUDE INC	COM CL A	03213A104	2,647	228,800	SH	SOLE	0	228,800	0	0
AMREP CORP	COM	032159105	1,924	114,400	SH	SOLE	0	113,819	0	581
AMYLYX PHARMACEUTICALS INC	COM	03237H101	2,748	150,100	SH	SOLE	0	150,100	0	0
ANAPTYSBIO INC	COM	032724106	1,665	92,700	SH	SOLE	0	92,700	0	0
ANDERSONS INC	COM	034164103	2,467	47,900	SH	SOLE	0	47,900	0	0
ANGHAMI INC	ORD SHS	G0369L101	17	25,044	SH	SOLE	0	25,044	0	0
ANGI INC	COM CL A NEW	00183L102	4,996	2,523,396	SH	SOLE	0	2,523,396	0	0
ANGIODYNAMICS INC	COM	03475V101	4,812	658,314	SH	SOLE	0	658,314	0	0
ANGLOGOLD ASHANTI PLC	COM SHS	G0378L100	22,204	1,405,300	SH	SOLE	0	1,405,300	0	0

ANHEUSER BUSCH INBEV SA/NV	SPONSORED ADR	03524A108	23,740	429,300	SH	SOLE	0	373,452	0	55,848
ANIKA THERAPEUTICS INC	COM	035255108	10,966	588,629	SH	SOLE	0	588,629	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	2,299	39,602	SH	SOLE	0	39,602	0	0
ANIXA BIOSCIENCES INC	COM	03528H109	33	10,000	SH	SOLE	0	10,000	0	0
ANNEXON INC	COM	03589W102	1,325	561,310	SH	SOLE	0	561,310	0	0
ANTERIX INC	COM	03676C100	2,162	68,900	SH	SOLE	0	68,900	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	16,985	1,417,770	SH	SOLE	0	0	0	1,417,770
ANTERO RESOURCES CORP	COM	03674X106	113,732	4,481,175	SH	SOLE	0	4,481,175	0	0
ANYWHERE REAL ESTATE INC	COM	75605Y106	1,374	213,700	SH	SOLE	0	213,700	0	0
APARTMENT INCOME REIT CORP	COM	03750L109	9,918	323,074	SH	SOLE	0	317,384	0	5,690
API GROUP CORP	COM STK	00187Y100	8,606	331,900	SH	SOLE	0	331,900	0	0
APOGEE ENTERPRISES INC	COM	037598109	3,088	65,583	SH	SOLE	0	65,583	0	0
APOLLO GLOBAL MGMT INC	COM	03769M106	2,842	31,665	SH	SOLE	0	31,665	0	0
APOLLO MED HLDGS INC	COM NEW	03763A207	238	7,700	SH	SOLE	0	7,700	0	0
APPFOLIO INC	COM CL A	03783C100	24,746	135,500	SH	SOLE	0	135,500	0	0
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	15,322	998,800	SH	SOLE	0	998,800	0	0
APPLE INC	COM	037833100	719,357	4,201,607	SH	SOLE	0	3,821,395	0	380,212
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	18,159	117,450	SH	SOLE	0	117,450	0	0
APPLIED MATLS INC	COM	038222105	125,941	909,648	SH	SOLE	0	909,648	0	0
APPLIED MOLECULAR TRANS INC	COM	03824M109	44	282,187	SH	SOLE	0	282,187	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	9,517	867,579	SH	SOLE	0	867,579	0	0
APPLIED THERAPEUTICS INC	COM	03828A101	1,035	415,478	SH	SOLE	0	388,113	0	27,365
APTARGROUP INC	COM	038336103	8,353	66,800	SH	SOLE	0	66,800	0	0
APTEVO THERAPEUTICS INC	COM NEW	03835L207	58	175,980	SH	SOLE	0	175,980	0	0
APTIV PLC	SHS	G6095L109	39,308	398,700	SH	SOLE	0	398,700	0	0
APYX MEDICAL CORPORATION	COM	03837C106	1,294	404,407	SH	SOLE	0	404,407	0	0
AQUABOUTY TECHNOLOGIES INC	COM NEW	03842K200	154	643,500	SH	SOLE	0	643,500	0	0
AQUESTIVE THERAPEUTICS INC	COM	03843E104	1,728	1,129,189	SH	SOLE	0	956,805	0	172,384
ARCA BIOPHARMA INC	COM	00211Y506	102	50,800	SH	SOLE	0	50,800	0	0
ARCBEST CORP	COM	03937C105	7,282	71,639	SH	SOLE	0	71,639	0	0
ARC DOCUMENT SOLUTIONS INC	COM	00191G103	8,763	2,755,797	SH	SOLE	0	2,755,797	0	0
ARCELLX INC	COMMON STOCK	03940C100	1,930	53,800	SH	SOLE	0	53,800	0	0
ARCELORMITTAL SA LUXEMBOURG	NY REGISTRY SH	03938L203	25,798	1,030,671	SH	SOLE	0	1,030,671	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	44,596	591,300	SH	SOLE	0	591,300	0	0
ARCH RESOURCES INC	CL A	03940R107	16,025	93,900	SH	SOLE	0	93,900	0	0
ARCHROCK INC	COM	03957W106	6,668	529,228	SH	SOLE	0	529,228	0	0
ARCO PLATFORM LTD	COM CL A	G04553106	2,203	159,900	SH	SOLE	0	159,900	0	0
ARCOSA INC	COM	039653100	3,020	42,000	SH	SOLE	0	42,000	0	0
ARCOS DORADOS HOLDINGS INC	SHS CLASS -A -	G0457F107	5,919	625,734	SH	SOLE	0	609,761	0	15,973
ARCTURUS THERAPEUTICS HLDGS	COM	03969T109	4,591	179,700	SH	SOLE	0	0	0	179,700
ARCUS BIOSCIENCES INC	COM	03969F109	2,563	142,800	SH	SOLE	0	142,800	0	0
ARDAGH METAL PACKAGING S A	SHS	L02235106	3,041	971,532	SH	SOLE	0	971,532	0	0
ARDELYX INC	COM	039697107	4,836	1,185,273	SH	SOLE	0	1,185,273	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	6,850	526,481	SH	SOLE	0	503,396	0	23,085
ARGAN INC	COM	04010E109	21,385	469,796	SH	SOLE	0	469,796	0	0
ARGENX SE	SPONSORED ADR	04016X101	51,474	104,700	SH	SOLE	0	0	0	104,700
ARGO GROUP INTL HLDGS LTD	COM	G0464B107	897	30,058	SH	SOLE	0	30,058	0	0
ARIS MNG CORP	COM	04040Y109	77	33,634	SH	SOLE	0	3,234	0	30,400
ARISTA NETWORKS INC	COM	040413106	25,162	136,800	SH	SOLE	0	136,800	0	0
ARIS WATER SOLUTIONS INC	CLASS A COM	04041L106	559	56,000	SH	SOLE	0	56,000	0	0
ARKO CORP	COM	041242108	2,937	410,772	SH	SOLE	0	410,772	0	0
ARK RESTAURANTS CORP	COM	040712101	468	30,711	SH	SOLE	0	30,711	0	0
ARLINGTON ASSET INVST CORP	CL A NEW	041356205	1,562	365,024	SH	SOLE	0	365,024	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	13,469	1,307,691	SH	SOLE	0	1,307,691	0	0
ARMADA HOFFLER PPTYS INC	COM	04208T108	16,918	1,652,109	SH	SOLE	0	1,652,109	0	0
ARMATA PHARMACEUTICALS INC	COM	04216R102	172	57,496	SH	SOLE	0	57,496	0	0
ARMSTRONG WORLD INDS INC NEW	COM	04247X102	454	6,300	SH	SOLE	0	6,300	0	0

ARROW ELECTRS INC	COM	042735100	8,366	66,800	SH	SOLE	0	53,792	0	13,008
ARROW FINL CORP	COM	042744102	4,572	268,621	SH	SOLE	0	268,621	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	10,251	381,500	SH	SOLE	0	381,500	0	0
ARS PHARMACEUTICALS INC	COM	82835W108	521	137,700	SH	SOLE	0	137,700	0	0
ARTERIS INC	COM	04302A104	594	91,300	SH	SOLE	0	91,300	0	0
ARTESIAN RES CORP	CL A	043113208	11,959	284,811	SH	SOLE	0	284,811	0	0
ARTS WAY MFG INC	COM	043168103	133	56,674	SH	SOLE	0	47,500	0	9,174
ARVINAS INC	COM	04335A105	2,233	113,700	SH	SOLE	0	113,700	0	0
ASANA INC	CL A	04342Y104	30,310	1,655,390	SH	SOLE	0	1,655,390	0	0
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	4,923	21,400	SH	SOLE	0	21,400	0	0
ASCENT INDUSTRIES CO	COM	871565107	972	109,600	SH	SOLE	0	101,339	0	8,261
ASGN INC	COM	00191U102	1,094	13,394	SH	SOLE	0	13,394	0	0
ASHFORD HOSPITALITY TR INC	COM SHS	044103869	941	393,900	SH	SOLE	0	393,900	0	0
ASHFORD INC	COM	044104107	334	54,253	SH	SOLE	0	53,953	0	300
ASHLAND INC	COM	044186104	10,159	124,375	SH	SOLE	0	124,375	0	0
ASIA PACIFIC WIRE & CABLE CO	ORD	G0535E106	102	73,000	SH	SOLE	0	73,000	0	0
ASLAN PHARMACEUTICALS LTD	SPON ADS NEW	04522R200	63	33,460	SH	SOLE	0	33,460	0	0
ASML HOLDING N V	N Y REGISTRY SHS	N07059210	154,384	261,990	SH	SOLE	0	2	0	261,988
ASP ISOTOPES INC	COM	00218A105	96	100,879	SH	SOLE	0	100,879	0	0
ASSEMBLY BIOSCIENCES INC	COM	045396108	437	493,691	SH	SOLE	0	321,400	0	172,291
ASSERTIO HOLDINGS INC	COM NEW	04546C205	6,545	2,556,614	SH	SOLE	0	2,556,614	0	0
ASSETMARK FINL HLDGS INC	COM	04546L106	2,009	80,100	SH	SOLE	0	80,100	0	0
ASSOCIATED CAP GROUP INC	CL A	045528106	628	17,200	SH	SOLE	0	17,200	0	0
ASSURANT INC	COM	04621X108	3,360	23,400	SH	SOLE	0	23,400	0	0
ASSURED GUARANTY LTD	COM	G0585R106	2,173	35,900	SH	SOLE	0	35,900	0	0
ASTEC INDS INC	COM	046224101	1,773	37,645	SH	SOLE	0	37,645	0	0
ASTRAZENECA PLC	SPONSORED ADR	046353108	118,082	1,743,677	SH	SOLE	0	1,568,624	0	175,053
ASTRIA THERAPEUTICS INC	COM	04635X102	75	10,100	SH	SOLE	0	10,100	0	0
ASTRONICS CORP	COM	046433108	2,254	142,100	SH	SOLE	0	142,100	0	0
ASTRONOVA INC	COM	04638F108	1,343	107,463	SH	SOLE	0	106,985	0	478
ASURE SOFTWARE INC	COM	04649U102	649	68,600	SH	SOLE	0	68,600	0	0
ATA CREATIVITY GLOBAL	SPONSORED ADS	00211V106	83	74,044	SH	SOLE	0	74,044	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	1,227	829,111	SH	SOLE	0	829,111	0	0
ATEA PHARMACEUTICALS INC	COM	04683R106	4,064	1,354,541	SH	SOLE	0	1,316,655	0	37,886
ATHERSYS INC NEW	COM NEW	04744L205	23	54,204	SH	SOLE	0	54,204	0	0
ATHIRA PHARMA INC	COM	04746L104	571	282,900	SH	SOLE	0	234,730	0	48,170
ATI INC	COM	01741R102	4,752	115,492	SH	SOLE	0	115,492	0	0
ATKORE INC	COM	047649108	13,949	93,500	SH	SOLE	0	93,500	0	0
ATLANTA BRAVES HLDGS INC	COM SER A	047726104	8,775	224,600	SH	SOLE	0	224,600	0	0
ATLANTA BRAVES HLDGS INC	COM SER C	047726302	24,198	677,248	SH	SOLE	0	677,248	0	0
ATLANTIC AMERN CORP	COM	048209100	64	33,100	SH	SOLE	0	33,100	0	0
ATLANTICA SUSTAINABLE INFR P	SHS	G0751N103	19,679	1,030,295	SH	SOLE	0	1,030,295	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	3,330	109,858	SH	SOLE	0	109,858	0	0
ATLAS ENERGY SOLUTIONS INC	COM CLASS A	04930R107	2,187	98,400	SH	SOLE	0	98,400	0	0
ATLASSIAN CORPORATION	CL A	049468101	373,624	1,854,123	SH	SOLE	0	1,644,123	0	210,000
ATMUS FILTRATION TECHNOLOGIE	COM	04956D107	4,328	207,600	SH	SOLE	0	207,600	0	0
ATN INTL INC	COM	00215F107	12,760	404,300	SH	SOLE	0	404,300	0	0
ATOMERA INC	COM	04965B100	140	22,400	SH	SOLE	0	22,400	0	0
ATOSSA THERAPEUTICS INC	COM	04962H506	915	1,242,370	SH	SOLE	0	1,242,370	0	0
ATOUR LIFESTYLE HLDGS LTD	SPONSORED ADS	04965M106	1,691	89,700	SH	SOLE	0	89,700	0	0
ATRECA INC	CL A COM	04965G109	89	341,924	SH	SOLE	0	341,924	0	0
ATRENEW INC	SPONSORED ADS	00138L108	383	167,800	SH	SOLE	0	167,800	0	0
ATRICURE INC	COM	04963C209	6,193	141,400	SH	SOLE	0	141,400	0	0
ATRION CORP	COM	049904105	16,035	38,809	SH	SOLE	0	38,809	0	0
ATS CORPORATION	COM	00217Y104	3,831	89,700	SH	SOLE	0	7,600	0	82,100
AT&T INC	COM	00206R102	31,148	2,073,786	SH	SOLE	0	1,268,358	0	805,428
ATYR PHARMA INC	COM NEW	002120202	799	505,993	SH	SOLE	0	505,993	0	0

AUBURN NATL BANCORP	COM	050473107	205	9,541	SH	SOLE	0	8,809	0	732
AUDIOEYE INC	COM NEW	050734201	67	13,600	SH	SOLE	0	13,600	0	0
AULT ALLIANCE INC	COM	09175M408	15	46,483	SH	SOLE	0	46,483	0	0
AURA BIOSCIENCES INC	COM	05153U107	121	13,500	SH	SOLE	0	13,500	0	0
AURINIA PHARMACEUTICALS INC	COM	05156V102	5,152	663,000	SH	SOLE	0	663,000	0	0
AURORA CANNABIS INC	COM	05156X884	3,718	6,355,420	SH	SOLE	0	6,355,420	0	0
AURORA MOBILE LTD	ADS	051857100	16	117,406	SH	SOLE	0	117,406	0	0
AUTOHOME INC	SP ADS RP CL A	05278C107	1,575	51,890	SH	SOLE	0	10,900	0	40,990
AUTOLIV INC	COM	052800109	9,164	94,980	SH	SOLE	0	94,300	0	680
AUTOLUS THERAPEUTICS PLC	SPON ADS	05280R100	638	273,679	SH	SOLE	0	273,679	0	0
AUTOMATIC DATA PROCESSING IN	COM	053015103	146,946	610,800	SH	SOLE	0	569,828	0	40,972
AUTONATION INC	COM	05329W102	13,944	92,100	SH	SOLE	0	92,100	0	0
AVADEL PHARMACEUTICALS PLC	SPONSORED ADR	05337M104	7,611	738,906	SH	SOLE	0	738,906	0	0
AVALONBAY CMNTYS INC	COM	053484101	19,048	110,914	SH	SOLE	0	110,914	0	0
AVALON HLDGS CORP	CL A	05343P109	164	84,510	SH	SOLE	0	84,510	0	0
AVANGRID INC	COM	05351W103	2,554	84,653	SH	SOLE	0	84,653	0	0
AVANOS MED INC	COM	05350V106	1,211	59,868	SH	SOLE	0	59,868	0	0
AVANTAX INC	COM	095229100	22,196	867,700	SH	SOLE	0	867,700	0	0
AVEANNA HEALTHCARE HLDGS INC	COM	05356F105	61	51,500	SH	SOLE	0	51,500	0	0
AVEPOINT INC	COM CL A	053604104	4,649	691,800	SH	SOLE	0	691,800	0	0
AVIAT NETWORKS INC	COM NEW	05366Y201	9,217	295,428	SH	SOLE	0	295,428	0	0
AVID BIOSERVICES INC	COM	05368M106	1,094	115,884	SH	SOLE	0	115,884	0	0
AVIDITY BIOSCIENCES INC	COM	05370A108	707	110,800	SH	SOLE	0	110,800	0	0
AVIDXCHANGE HOLDINGS INC	COM	05368X102	11,824	1,247,300	SH	SOLE	0	1,135,836	0	111,464
AVIENT CORPORATION	COM	05368V106	1,998	56,558	SH	SOLE	0	53,055	0	3,503
AVINO SILVER & GOLD MINES LT	COM	053906103	601	1,164,400	SH	SOLE	0	608,169	0	556,231
AVIS BUDGET GROUP	COM	053774105	17,552	97,680	SH	SOLE	0	97,680	0	0
AVISTA CORP	COM	05379B107	13,234	408,845	SH	SOLE	0	408,845	0	0
AVITA MEDICAL INC	COM	05380C102	1,040	71,200	SH	SOLE	0	71,200	0	0
AVNET INC	COM	053807103	9,937	206,200	SH	SOLE	0	206,200	0	0
AVROBIO INC	COM	05455M100	798	518,467	SH	SOLE	0	518,467	0	0
AWARE INC MASS	COM	05453N100	917	664,850	SH	SOLE	0	664,850	0	0
AXALTA COATING SYS LTD	COM	G0750C108	7,934	294,926	SH	SOLE	0	294,926	0	0
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	7,207	44,199	SH	SOLE	0	44,199	0	0
AXIS CAP HLDGS LTD	SHS	G0692U109	8,946	158,696	SH	SOLE	0	158,696	0	0
AXON ENTERPRISE INC	COM	05464C101	1,324	6,652	SH	SOLE	0	6,652	0	0
AXONICS INC	COM	05465P101	3,154	56,200	SH	SOLE	0	56,200	0	0
AXT INC	COM	00246W103	709	295,600	SH	SOLE	0	295,600	0	0
AYTU BIOPHARMA INC	COM	054754858	164	60,723	SH	SOLE	0	60,723	0	0
AZUL S A	SPONSR ADR PFD	05501U106	1,730	201,400	SH	SOLE	0	201,400	0	0
B2GOLD CORP	COM	11777Q209	86,560	29,951,555	SH	SOLE	0	29,758,893	0	192,662
BABCOCK & WILCOX ENTERPRISES	COM	05614L209	1,059	251,438	SH	SOLE	0	251,438	0	0
BACKBLAZE INC	COM CL A	05637B105	680	123,616	SH	SOLE	0	123,616	0	0
BADGER METER INC	COM	056525108	11,567	80,400	SH	SOLE	0	80,400	0	0
BAIDU INC	SPON ADR REP A	056752108	114,775	854,299	SH	SOLE	0	854,299	0	0
BAIJIAYUN GROUP LTD	SHS CL A	G0704V103	473	116,695	SH	SOLE	0	116,695	0	0
BAKKT HOLDINGS INC	COM CL A	05759B107	1,098	938,200	SH	SOLE	0	938,200	0	0
BALCHEM CORP	COM	057665200	26,855	216,500	SH	SOLE	0	216,500	0	0
BANCFIRST CORP	COM	05945F103	719	8,288	SH	SOLE	0	8,288	0	0
BANCO BRADESCO S A	SP ADR PFD NEW	059460303	8,923	3,130,895	SH	SOLE	0	2,620,140	0	510,755
BANCO DE CHILE	SPONSORED ADS	059520106	27,227	1,347,894	SH	SOLE	0	1,347,894	0	0
BANC OF CALIFORNIA INC	COM	05990K106	4,235	342,052	SH	SOLE	0	342,052	0	0
BANCOLOMBIA S A	SPON ADR PREF	05968L102	1,720	64,476	SH	SOLE	0	64,476	0	0
BANCO MACRO SA	SPON ADR B	05961W105	1,308	66,300	SH	SOLE	0	0	0	66,300
BANCORP INC DEL	COM	05969A105	1,590	46,100	SH	SOLE	0	46,100	0	0
BANCO SANTANDER BRASIL S A	ADS REP 1 UNIT	05967A107	54	10,500	SH	SOLE	0	10,500	0	0
BANCO SANTANDER CHILE NEW	SP ADR REP COM	05965X109	11,692	637,500	SH	SOLE	0	637,500	0	0

BANDWIDTH INC	COM CL A	05988J103	5,056	448,617	SH	SOLE	0	448,617	0	0
BANK7 CORP	COM	06652N107	374	16,627	SH	SOLE	0	16,627	0	0
BANK AMERICA CORP	COM	060505104	131,993	4,820,766	SH	SOLE	0	3,825,222	0	995,544
BANKFINANCIAL CORP	COM	06643P104	6,022	698,587	SH	SOLE	0	698,587	0	0
BANK HAWAII CORP	COM	062540109	8,492	170,900	SH	SOLE	0	170,900	0	0
BANK MARIN BANCORP	COM	063425102	2,409	131,807	SH	SOLE	0	131,807	0	0
BANK MONTREAL MEDIUM	BIG OIL INDX 3X	06368L106	356	1,700	SH	SOLE	0	1,700	0	0
BANK MONTREAL MEDIUM	NT LKD 41	063679591	289	38,700	SH	SOLE	0	38,700	0	0
BANK NOVA SCOTIA HALIFAX	COM	064149107	9,242	205,800	SH	SOLE	0	0	0	205,800
BANKUNITED INC	COM	06652K103	2,844	125,300	SH	SOLE	0	125,300	0	0
BANKWELL FINL GROUP INC	COM	06654A103	3,599	148,303	SH	SOLE	0	148,303	0	0
BANNER CORP	COM NEW	06652V208	3,505	82,699	SH	SOLE	0	82,699	0	0
BAOZUN INC	SPONSORED ADR	06684L103	559	180,216	SH	SOLE	0	180,216	0	0
BARCLAYS PLC	ADR	06738E204	6,546	840,286	SH	SOLE	0	840,286	0	0
BAR HBR BANKSHARES	COM	066849100	1,748	73,984	SH	SOLE	0	73,984	0	0
BARK INC	COM	68622E104	1,072	893,700	SH	SOLE	0	893,700	0	0
BARNES GROUP INC	COM	067806109	3,825	112,600	SH	SOLE	0	112,600	0	0
BARNWELL INDS INC	COM	068221100	974	369,822	SH	SOLE	0	369,822	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	17,759	196,800	SH	SOLE	0	196,800	0	0
BARRICK GOLD CORP	COM	067901108	94,612	6,502,511	SH	SOLE	0	6,502,511	0	0
BASSETT FURNITURE INDS INC	COM	070203104	5,265	359,361	SH	SOLE	0	348,599	0	10,762
BATH & BODY WORKS INC	COM	070830104	11,935	353,100	SH	SOLE	0	353,100	0	0
BAUSCH PLUS LOMB CORP	COMMON SHARES	071705107	1,151	67,900	SH	SOLE	0	67,900	0	0
BAXTER INTL INC	COM	071813109	42,756	1,132,900	SH	SOLE	0	1,095,532	0	37,368
BAYCOM CORP	COM	07272M107	1,057	55,000	SH	SOLE	0	55,000	0	0
BAYTEX ENERGY CORP	COM	07317Q105	3,197	723,597	SH	SOLE	0	144,997	0	578,600
BCB BANCORP INC	COM	055298103	4,288	384,878	SH	SOLE	0	384,878	0	0
BCE INC	COM NEW	05534B760	23,933	625,760	SH	SOLE	0	4,900	0	620,860
BEACON ROOFING SUPPLY INC	COM	073685109	14,991	194,257	SH	SOLE	0	194,257	0	0
BEASLEY BROADCAST GROUP INC	CL A	074014101	156	178,968	SH	SOLE	0	178,968	0	0
BEAZER HOMES USA INC	COM NEW	07556Q881	7,023	281,928	SH	SOLE	0	281,928	0	0
BELDEN INC	COM	077454106	24,984	258,763	SH	SOLE	0	258,763	0	0
BEL FUSE INC	CL A	077347201	1,513	32,200	SH	SOLE	0	27,353	0	4,847
BEL FUSE INC	CL B	077347300	17,134	359,051	SH	SOLE	0	359,051	0	0
BELLEROPHON THERAPEUTICS INC	COM NEW	078771300	24	59,499	SH	SOLE	0	59,499	0	0
BELLRING BRANDS INC	COMMON STOCK	07831C103	10,760	260,978	SH	SOLE	0	260,978	0	0
BENCHMARK ELECTRS INC	COM	08160H101	2,784	114,750	SH	SOLE	0	114,750	0	0
BENSON HILL INC	COMMON STOCK	082490103	64	194,001	SH	SOLE	0	194,001	0	0
BENTLEY SYS INC	COM CL B	08265T208	14,170	282,500	SH	SOLE	0	282,500	0	0
BERKLEY W R CORP	COM	084423102	3,651	57,498	SH	SOLE	0	57,498	0	0
BERKSHIRE HATHAWAY INC DEL	CL A	084670108	618,108	1,163	SH	SOLE	0	832	0	331
BERKSHIRE HILLS BANCORP INC	COM	084680107	5,332	265,921	SH	SOLE	0	265,921	0	0
BERRY CORP	COM	08579X101	1,506	183,700	SH	SOLE	0	183,700	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	9,592	154,937	SH	SOLE	0	134,933	0	20,004
BEST INC	SPONSORED ADS	08653C601	45	20,400	SH	SOLE	0	20,400	0	0
BETTER CHOICE CO INC	COM	08771Y303	13	105,400	SH	SOLE	0	105,400	0	0
BETTERWARE DE MEXC S A P I D	SHS	P1666E105	704	43,200	SH	SOLE	0	43,200	0	0
BEYOND AIR INC	COM	08862L103	142	61,600	SH	SOLE	0	61,600	0	0
BGC GROUP INC	CL A	088929104	9,912	1,877,248	SH	SOLE	0	1,877,248	0	0
B & G FOODS INC NEW	COM	05508R106	658	66,500	SH	SOLE	0	66,500	0	0
BGSF INC	COM	05601C105	205	21,300	SH	SOLE	0	7,177	0	14,123
BHP GROUP LTD	SPONSORED ADS	088606108	25,624	450,500	SH	SOLE	0	0	0	450,500
BICYCLE THERAPEUTICS PLC	SPONSORED ADS	088786108	1,647	82,000	SH	SOLE	0	82,000	0	0
BIGCOMMERCE HLDGS INC	COM SER 1	08975P108	8,388	849,800	SH	SOLE	0	849,800	0	0
BIGLARI HLDGS INC	COM STK CL A	08986R408	276	330	SH	SOLE	0	330	0	0
BIGLARI HLDGS INC	COM STK CL B	08986R309	310	1,866	SH	SOLE	0	1,866	0	0
BILIBILI INC	SPONS ADS REP Z	090040106	7,796	566,166	SH	SOLE	0	566,166	0	0

BIOATLA INC	COM	09077B104	1,063	625,200	SH	SOLE	0	625,200	0	0
BIOCARDIA INC	COM	09060U507	5	10,500	SH	SOLE	0	10,500	0	0
BIOCRYSST PHARMACEUTICALS INC	COM	09058V103	1,429	201,845	SH	SOLE	0	187,491	0	14,354
BIODESIX INC	COM	09075X108	35	21,400	SH	SOLE	0	21,400	0	0
BIOGEN INC	COM	09062X103	279,215	1,086,397	SH	SOLE	0	1,014,839	0	71,558
BIO-KEY INTL INC	COM NEW	09060C408	6	10,900	SH	SOLE	0	10,900	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	51,475	581,771	SH	SOLE	0	581,771	0	0
BIOMX INC	COM	09090D103	51	144,627	SH	SOLE	0	144,627	0	0
BIO-PATH HLDGS INC	COM	09057N300	9	23,300	SH	SOLE	0	23,300	0	0
BIO RAD LABS INC	CL B	090572108	675	1,900	SH	SOLE	0	1,900	0	0
BIO-TECHNE CORP	COM	09073M104	17,584	258,326	SH	SOLE	0	258,326	0	0
BIOTE CORP	CLASS A COM	090683103	146	28,577	SH	SOLE	0	28,577	0	0
BIOVENTUS INC	COM CL A	09075A108	263	79,800	SH	SOLE	0	79,800	0	0
BITDEER TECHNOLOGIES GROUP	CL A ORD SHS	G11448100	128	13,300	SH	SOLE	0	13,300	0	0
BITFARMS LTD	COM	09173B107	1,683	1,573,000	SH	SOLE	0	1,534,100	0	38,900
BJS RESTAURANTS INC	COM	09180C106	3,018	128,649	SH	SOLE	0	128,649	0	0
BJS WHSL CLUB HLDGS INC	COM	05550J101	82,229	1,152,153	SH	SOLE	0	1,152,153	0	0
BK TECHNOLOGIES CORPORATION	COM NEW	05587G203	1,236	99,482	SH	SOLE	0	99,482	0	0
BLACKBAUD INC	COM	09227Q100	2,545	36,197	SH	SOLE	0	36,197	0	0
BLACKBERRY LTD	COM	09228F103	756	160,443	SH	SOLE	0	160,443	0	0
BLACK DIAMOND THERAPEUTICS I	COM	09203E105	944	328,900	SH	SOLE	0	328,900	0	0
BLACK HILLS CORP	COM	092113109	268	5,300	SH	SOLE	0	5,300	0	0
BLADE AIR MOBILITY INC	CL A COM	092667104	1,011	390,199	SH	SOLE	0	390,199	0	0
BLEND LABS INC	CL A	09352U108	969	707,260	SH	SOLE	0	707,260	0	0
BLOCK H & R INC	COM	093671105	13,805	320,600	SH	SOLE	0	320,600	0	0
BLUEBIRD BIO INC	COM	09609G100	1,444	474,900	SH	SOLE	0	474,900	0	0
BLUE BIRD CORP	COM	095306106	4,599	215,418	SH	SOLE	0	215,418	0	0
BLUE FOUNDRY BANCORP	COM	09549B104	283	33,800	SH	SOLE	0	33,800	0	0
BLUEGREEN VACATIONS HLDG COR	CLASS A	096308101	9,184	250,374	SH	SOLE	0	250,374	0	0
BLUE HAT INTERACTIVE ENTMT T	SHS	G1329V205	69	50,000	SH	SOLE	0	50,000	0	0
BLUELIX HLDGS INC	COM NEW	09624H208	5,459	66,500	SH	SOLE	0	66,500	0	0
BLUE OWL CAPITAL INC	COM CL A	09581B103	7,843	605,200	SH	SOLE	0	605,200	0	0
BLUE RIDGE BANKSHARES INC VA	COM	095825105	73	16,200	SH	SOLE	0	16,200	0	0
BM TECHNOLOGIES INC	CL A COM	05591L107	48	24,200	SH	SOLE	0	24,200	0	0
BOEING CO	COM	097023105	172,876	901,900	SH	SOLE	0	514,770	0	387,130
BOGOTA FINL CORP	COM	097235105	331	44,800	SH	SOLE	0	29,186	0	15,614
BOISE CASCADE CO DEL	COM	09739D100	31,556	306,249	SH	SOLE	0	306,249	0	0
BOK FINL CORP	COM NEW	05561Q201	262	3,277	SH	SOLE	0	3,277	0	0
BOLT BIOTHERAPEUTICS INC	COM	097702104	327	314,189	SH	SOLE	0	254,167	0	60,022
BOOKING HOLDINGS INC	COM	09857L108	87,358	28,326	SH	SOLE	0	19,077	0	9,249
BOOT BARN HLDGS INC	COM	099406100	11,472	141,300	SH	SOLE	0	141,300	0	0
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	46,384	424,494	SH	SOLE	0	399,235	0	25,259
BORR DRILLING LTD	SHS	G1466R173	1,522	214,527	SH	SOLE	0	190,400	0	24,127
BOS BETTER ONLINE SOLUTIONS	SHS NEW NIS 80	M20115180	535	149,113	SH	SOLE	0	149,113	0	0
BOSTON BEER INC	CL A	100557107	2,921	7,500	SH	SOLE	0	7,500	0	0
BOSTON OMAHA CORP	CL A COM STK	101044105	2,926	178,500	SH	SOLE	0	80,452	0	98,048
BOSTON PROPERTIES INC	COM	101121101	3,973	66,800	SH	SOLE	0	66,800	0	0
BOWLERO CORP	CL A COM	10258P102	2,468	256,600	SH	SOLE	0	256,600	0	0
BOWMAN CONSULTING GROUP LTD	COM	103002101	2,153	76,821	SH	SOLE	0	74,712	0	2,109
BOX INC	CL A	10316T104	47,838	1,975,971	SH	SOLE	0	1,975,971	0	0
BOXLIGHT CORP	COM CL A NEW	103197208	108	56,744	SH	SOLE	0	56,744	0	0
BRADY CORP	CL A	104674106	63,105	1,149,040	SH	SOLE	0	1,031,330	0	117,710
BRAEMAR HOTELS & RESORTS INC	COM	10482B101	1,363	492,000	SH	SOLE	0	492,000	0	0
BRAGG GAMING GROUP INC	COM NEW	104833306	120	24,600	SH	SOLE	0	24,600	0	0
BRAINSTORM CELL THERAPEUTICS	COM NEW	10501E201	41	203,600	SH	SOLE	0	203,600	0	0
BRAINSWAY LTD	SPONSORED ADS	10501L106	212	52,500	SH	SOLE	0	52,500	0	0
BRASILAGRO COMPANHIA BRASILE	SPONSORED ADR	10554B104	87	15,300	SH	SOLE	0	15,300	0	0

BRASKEM S A	SP ADR PFD A	105532105	7,131	868,600	SH	SOLE	0	868,600	0	0
BRAZE INC	COM CL A	10576N102	9,309	199,200	SH	SOLE	0	168,682	0	30,518
BREAD FINANCIAL HOLDINGS INC	COM	018581108	8,651	252,942	SH	SOLE	0	252,942	0	0
BRF SA	SPONSORED ADR	10552T107	5,676	2,768,881	SH	SOLE	0	2,422,607	0	346,274
BRIACELL THERAPEUTICS CORP	COM	107930109	64	10,200	SH	SOLE	0	10,200	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	15,404	584,146	SH	SOLE	0	461,094	0	123,052
BRIDGE INVT GROUP HLDGS INC	COM CL A	10806B100	367	39,900	SH	SOLE	0	39,900	0	0
BRIDGELINE DIGITAL INC	COM	10807Q700	62	74,329	SH	SOLE	0	74,329	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	3,585	378,147	SH	SOLE	0	378,147	0	0
BRIGHTCOVE INC	COM	10921T101	3,930	1,194,388	SH	SOLE	0	1,194,388	0	0
BRIGHT HEALTH GROUP INC	COM NEW	10920V404	338	56,563	SH	SOLE	0	56,563	0	0
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	2,208	27,100	SH	SOLE	0	25,019	0	2,081
BRIGHT SCHOLAR ED HLDGS LTD	SPON ADS NEW	109199208	48	42,025	SH	SOLE	0	42,025	0	0
BRIGHTSPHERE INVT GROUP INC	COM	10948W103	2,288	118,000	SH	SOLE	0	118,000	0	0
BRIGHTVIEW HLDGS INC	COM	10948C107	211	27,200	SH	SOLE	0	27,200	0	0
BRILLIANT EARTH GROUP INC	CL A COM	109504100	265	89,700	SH	SOLE	0	89,700	0	0
BRINKS CO	COM	109696104	10,097	139,000	SH	SOLE	0	139,000	0	0
BRISTOL-MYERS SQUIBB CO	COM	110122108	59,715	1,028,854	SH	SOLE	0	1,028,854	0	0
BRISTOW GROUP INC	COM	11040G103	670	23,800	SH	SOLE	0	23,800	0	0
BRITISH AMERN TOB PLC	SPONSORED ADR	110448107	1,440	45,857	SH	SOLE	0	45,857	0	0
BRIXMOR PPTY GROUP INC	COM	11120U105	11,664	561,300	SH	SOLE	0	561,300	0	0
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	24,154	134,900	SH	SOLE	0	134,900	0	0
BROADSTONE NET LEASE INC	COM	11135E203	771	53,900	SH	SOLE	0	53,900	0	0
BROADWAY FINL CORP DEL	COM	111444105	190	194,309	SH	SOLE	0	105,314	0	88,995
BROADWIND INC	COM NEW	11161T207	344	107,628	SH	SOLE	0	90,343	0	17,285
BROOKDALE SR LIVING INC	COM	112463104	25,186	6,083,502	SH	SOLE	0	6,083,502	0	0
BROOKFIELD ASSET MANAGMT LTD	CL A LMT VTG SHS	113004105	2,748	82,300	SH	SOLE	0	16,900	0	65,400
BROOKFIELD INFRAST PARTNERS	LP INT UNIT	G16252101	10,837	368,600	SH	SOLE	0	55,600	0	313,000
BROOKFIELD INFRASTRUCTURE CO	COM SB VTG SHS A	11275Q107	1,498	42,300	SH	SOLE	0	3,300	0	39,000
BROOKFIELD REINS LTD	CL A EXCH LT VTG	G16250105	1,411	44,995	SH	SOLE	0	14,500	0	30,495
BROOKFIELD RENEWABLE CORP	CL A SUB VTG	11284V105	38,407	1,604,195	SH	SOLE	0	1,573,495	0	30,700
BROOKFIELD RENEWABLE PARTNER	PARTNERSHIP UNIT	G16258108	2,526	116,052	SH	SOLE	0	13,400	0	102,652
BROOKLINE BANCORP INC DEL	COM	11373M107	10,366	1,137,888	SH	SOLE	0	1,137,888	0	0
BROWN & BROWN INC	COM	115236101	3,743	53,600	SH	SOLE	0	53,600	0	0
BROWN FORMAN CORP	CL A	115637100	4,106	70,676	SH	SOLE	0	70,676	0	0
BRP GROUP INC	COM CL A	05589G102	2,785	119,894	SH	SOLE	0	119,894	0	0
BRP INC	COM SUN VTG	05577W200	6,000	79,107	SH	SOLE	0	49,207	0	29,900
BRT APARTMENTS CORP	COM	055645303	7,633	441,991	SH	SOLE	0	441,991	0	0
BRUKER CORP	COM	116794108	4,088	65,610	SH	SOLE	0	60,608	0	5,002
BSQUARE CORP	COM NEW	11776U300	59	50,400	SH	SOLE	0	45,788	0	4,612
BUCKLE INC	COM	118440106	36,504	1,093,252	SH	SOLE	0	1,091,902	0	1,350
BUILD-A-BEAR WORKSHOP INC	COM	120076104	10,834	368,379	SH	SOLE	0	368,379	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	43,813	351,941	SH	SOLE	0	348,400	0	3,541
BUMBLE INC	COM CL A	12047B105	6,336	424,688	SH	SOLE	0	424,688	0	0
BURFORD CAP LTD	ORD SHS	G17977110	455	32,500	SH	SOLE	0	32,500	0	0
BURGERFI INTERNATIONAL INC	COM	12122L101	37	32,100	SH	SOLE	0	32,100	0	0
BURLINGTON STORES INC	COM	122017106	36,964	273,200	SH	SOLE	0	273,200	0	0
BURNING ROCK BIOTECH LTD	SPONSORED ADS	12233L107	341	352,000	SH	SOLE	0	352,000	0	0
BUSINESS FIRST BANCSHARES IN	COM	12326C105	366	19,500	SH	SOLE	0	19,500	0	0
BUTTERFLY NETWORK INC	COM CL A	124155102	41	34,800	SH	SOLE	0	34,800	0	0
BYLINE BANCORP INC	COM	124411109	579	29,371	SH	SOLE	0	29,371	0	0
C3 AI INC	CL A	12468P104	1,641	64,300	SH	SOLE	0	64,300	0	0
C4 THERAPEUTICS INC	COM STK	12529R107	666	357,988	SH	SOLE	0	357,988	0	0
CABLE ONE INC	COM	12685J105	39,836	64,707	SH	SOLE	0	64,707	0	0
CACI INTL INC	CL A	127190304	5,368	17,100	SH	SOLE	0	17,100	0	0
CADRE HLDGS INC	COM	12763L105	3,067	115,100	SH	SOLE	0	115,100	0	0
CAESARSTONE LTD	ORD SHS	M20598104	1,709	399,278	SH	SOLE	0	399,278	0	0

CALAVO GROWERS INC	COM	128246105	8,712	345,320	SH	SOLE	0	345,320	0	0
CALIFORNIA BANCORP INC	COM	13005U101	287	14,285	SH	SOLE	0	14,285	0	0
CALIFORNIA RES CORP	COM STOCK	13057Q305	26,741	477,436	SH	SOLE	0	471,126	0	6,310
CALIFORNIA WTR SVC GROUP	COM	130788102	2,072	43,800	SH	SOLE	0	43,800	0	0
CALIX INC	COM	13100M509	6,956	151,753	SH	SOLE	0	151,753	0	0
CAL MAINE FOODS INC	COM NEW	128030202	105,561	2,180,107	SH	SOLE	0	2,160,560	0	19,547
CAMBIUM NETWORKS CORP	SHS	G17766109	1,654	225,600	SH	SOLE	0	225,600	0	0
CAMBRIDGE BANCORP	COM	132152109	743	11,921	SH	SOLE	0	11,921	0	0
CAMDEN NATL CORP	COM	133034108	8,204	290,700	SH	SOLE	0	290,700	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	19,408	205,200	SH	SOLE	0	205,200	0	0
CAMECO CORP	COM	13321L108	13,929	351,400	SH	SOLE	0	351,400	0	0
CAMPBELL SOUP CO	COM	134429109	184,502	4,491,280	SH	SOLE	0	4,491,280	0	0
CAMPING WORLD HLDGS INC	CL A	13462K109	2,304	112,900	SH	SOLE	0	112,900	0	0
CAMTEK LTD	ORD	M20791105	40,708	653,840	SH	SOLE	0	653,840	0	0
CANADIAN NATL RY CO	COM	136375102	28,307	261,300	SH	SOLE	0	259,000	0	2,300
CANADIAN NAT RES LTD	COM	136385101	21,714	335,500	SH	SOLE	0	197,100	0	138,400
CANADIAN PACIFIC KANSAS CITY	COM	13646K108	4,833	64,900	SH	SOLE	0	1,500	0	63,400
CANADIAN SOLAR INC	COM	136635109	5,774	234,602	SH	SOLE	0	234,602	0	0
CANNAE HLDGS INC	COM	13765N107	1,952	104,700	SH	SOLE	0	104,700	0	0
CANO HEALTH INC	COM CL A	13781Y103	65	257,100	SH	SOLE	0	257,100	0	0
CANOPY GROWTH CORP	COM	138035100	84	107,261	SH	SOLE	0	107,261	0	0
CANTALOUPE INC	COM	138103106	786	125,800	SH	SOLE	0	125,800	0	0
CAPITAL CITY BK GROUP INC	COM	139674105	4,987	167,171	SH	SOLE	0	167,171	0	0
CAPITAL GROUP DIVIDEND VALUE	SHS CREATION UNI	14020W106	1,837	69,400	SH	SOLE	0	69,400	0	0
CAPITAL GROUP GBL GROWTH EQT	SHS CREATION UNI	14020X104	277	12,100	SH	SOLE	0	12,100	0	0
CAPITAL GROUP GROWTH ETF	SHS CREATION UNI	14020G101	921	37,600	SH	SOLE	0	37,600	0	0
CAPITAL GROUP INTL FOCUS EQT	SHS CREATION UNI	14019W109	657	30,200	SH	SOLE	0	30,200	0	0
CAPITAL GRP FIXED INCM ETF T	CORE PLUS INCM	14020Y102	714	33,200	SH	SOLE	0	33,200	0	0
CAPITAL ONE FINL CORP	COM	14040H105	34,928	359,899	SH	SOLE	0	359,899	0	0
CAPITOL FED FINL INC	COM	14057J101	20,989	4,400,176	SH	SOLE	0	4,400,176	0	0
CAPRICOR THERAPEUTICS INC	COM NEW	14070B309	146	42,621	SH	SOLE	0	42,621	0	0
CAPSTAR FINL HLDGS INC	COM	14070T102	3,264	229,999	SH	SOLE	0	229,999	0	0
CARA THERAPEUTICS INC	COM	140755109	524	311,900	SH	SOLE	0	311,900	0	0
CARDIFF ONCOLOGY INC	COM	14147L108	214	154,000	SH	SOLE	0	154,000	0	0
CARDINAL HEALTH INC	COM	14149Y108	100,268	1,154,900	SH	SOLE	0	1,154,900	0	0
CARDIO DIAGNOSTICS HOLDGS IN	COMMON STOCK	14159C103	6	17,800	SH	SOLE	0	17,800	0	0
CARDLYTICS INC	COM	14161W105	1,121	67,935	SH	SOLE	0	67,935	0	0
CARECLOUD INC	COM	14167R100	70	60,600	SH	SOLE	0	60,600	0	0
CAREDX INC	COM	14167L103	7,324	1,046,300	SH	SOLE	0	1,046,300	0	0
CARETRUST REIT INC	COM	14174T107	1,422	69,373	SH	SOLE	0	69,373	0	0
CARGURUS INC	COM CL A	141788109	10,726	612,200	SH	SOLE	0	612,200	0	0
CARISMA THERAPEUTICS INC	COM	14216R101	866	204,695	SH	SOLE	0	204,695	0	0
CARLYLE GROUP INC	COM	14316J108	5,791	192,000	SH	SOLE	0	192,000	0	0
CARNIVAL CORP	COMMON STOCK	143658300	175,762	12,810,623	SH	SOLE	0	10,985,659	0	1,824,964
CARNIVAL PLC	ADR	14365C103	11,824	965,200	SH	SOLE	0	965,200	0	0
CARPARTS COM INC	COM	14427M107	2,761	670,100	SH	SOLE	0	670,100	0	0
CARPENTER TECHNOLOGY CORP	COM	144285103	5,531	82,300	SH	SOLE	0	82,300	0	0
CARRIAGE SVCS INC	COM	143905107	18,111	641,100	SH	SOLE	0	641,100	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	5,281	801,342	SH	SOLE	0	801,342	0	0
CARS COM INC	COM	14575E105	6,319	374,800	SH	SOLE	0	374,800	0	0
CARTER BANKSHARES INC	COM NEW	146103106	990	79,000	SH	SOLE	0	79,000	0	0
CARTERS INC	COM	146229109	401	5,800	SH	SOLE	0	5,800	0	0
CARVANA CO	CL A	146869102	57,735	1,375,300	SH	SOLE	0	1,200,035	0	175,265
CARVER BANCORP INC	COM NEW	146875604	77	35,600	SH	SOLE	0	35,600	0	0
CASA SYS INC	COM	14713L102	371	437,700	SH	SOLE	0	437,700	0	0
CASELLA WASTE SYS INC	CL A	147448104	48,008	629,201	SH	SOLE	0	629,201	0	0
CASEYS GEN STORES INC	COM	147528103	3,115	11,472	SH	SOLE	0	10,385	0	1,087

CASI PHARMACEUTICALS INC	ORD SHS	G1933S101	46	17,800	SH	SOLE	0	17,800	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	1,804	106,800	SH	SOLE	0	106,800	0	0
CASTOR MARITIME INC	SHS NEW	Y1146L125	57	131,400	SH	SOLE	0	131,400	0	0
CATALYST BIOSCIENCES INC	COM NEW	14888D208	285	590,687	SH	SOLE	0	590,687	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	15,070	1,289,100	SH	SOLE	0	1,289,100	0	0
CATERPILLAR INC	COM	149123101	247,463	906,458	SH	SOLE	0	900,923	0	5,535
CATHETER PRECISION INC	COM	74933X302	10	23,041	SH	SOLE	0	23,041	0	0
CATO CORP NEW	CL A	149205106	4,541	592,868	SH	SOLE	0	592,868	0	0
CAVCO INDS INC DEL	COM	149568107	3,017	11,355	SH	SOLE	0	11,355	0	0
CAZOO GROUP LTD	CL A	G2007L204	31	57,543	SH	SOLE	0	57,543	0	0
CBDM D INC	COM NEW	12482W309	28	26,911	SH	SOLE	0	26,911	0	0
CB FINL SVCS INC	COM	12479G101	957	44,699	SH	SOLE	0	44,699	0	0
CBIZ INC	COM	124805102	733	14,126	SH	SOLE	0	14,126	0	0
CBL & ASSOC PPTYS INC	COMMON STOCK	124830878	2,222	105,900	SH	SOLE	0	105,900	0	0
CBOE GLOBAL MKTS INC	COM	12503M108	320,109	2,049,224	SH	SOLE	0	2,049,224	0	0
CCC INTELLIGENT SOLUTIONS HL	COM	12510Q100	633	47,400	SH	SOLE	0	47,400	0	0
CEA INDUSTRIES INC	COM NEW	86887P200	8	10,000	SH	SOLE	0	10,000	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	1,785	111,783	SH	SOLE	0	111,783	0	0
CELCUITY INC	COM	15102K100	239	26,156	SH	SOLE	0	26,156	0	0
CELESTICA INC	SUB VTG SHS	15101Q108	11,458	467,288	SH	SOLE	0	5,500	0	461,788
CELLEBRITE DI LTD	ORDINARY SHARES	M2197Q107	2,474	323,400	SH	SOLE	0	323,400	0	0
CELLECTAR BIOSCIENCES INC	COM NEW	15117F807	57	21,690	SH	SOLE	0	21,690	0	0
CELSIUS HLDGS INC	COM NEW	15118V207	25,688	149,695	SH	SOLE	0	133,969	0	15,726
CELULARITY INC	COM CL A	151190105	121	543,400	SH	SOLE	0	543,400	0	0
CEMEX SAB DE CV	SPON ADR NEW	151290889	14,544	2,237,493	SH	SOLE	0	0	0	2,237,493
CENCORA INC	COM	03073E105	3,203	17,800	SH	SOLE	0	17,800	0	0
CENOVUS ENERGY INC	COM	15135U109	39,312	1,886,800	SH	SOLE	0	1,173,100	0	713,700
CENTENE CORP DEL	COM	15135B101	12,131	176,112	SH	SOLE	0	176,112	0	0
CENTERSPACE	COM	15202L107	24,046	399,032	SH	SOLE	0	399,032	0	0
CENTESSA PHARMACEUTICALS PLC	SPONSORED ADS	152309100	344	53,100	SH	SOLE	0	53,100	0	0
CENTRAL GARDEN & PET CO	CL A NON-VTG	153527205	18,819	469,424	SH	SOLE	0	469,424	0	0
CENTRAL GARDEN & PET CO	COM	153527106	10,060	227,911	SH	SOLE	0	227,911	0	0
CENTRAL PAC FINL CORP	COM NEW	154760409	8,201	491,653	SH	SOLE	0	491,653	0	0
CENTRAL VY CMNTY BANCORP	COM	155685100	856	60,656	SH	SOLE	0	60,656	0	0
CENTRUS ENERGY CORP	CL A	15643U104	15,367	270,735	SH	SOLE	0	270,735	0	0
CENTURY ALUM CO	COM	156431108	4,418	614,499	SH	SOLE	0	614,499	0	0
CENTURY CASINOS INC	COM	156492100	958	186,749	SH	SOLE	0	186,749	0	0
CENTURY THERAPEUTICS INC	COM	15673T100	175	87,700	SH	SOLE	0	87,700	0	0
CERAGON NETWORKS LTD	ORD	M22013102	1,141	556,535	SH	SOLE	0	556,535	0	0
CERIDIAN HCM HLDG INC	COM	15677J108	252	3,700	SH	SOLE	0	100	0	3,600
CERUS CORP	COM	157085101	548	338,500	SH	SOLE	0	338,500	0	0
CERVOMED INC	COM	15713L109	135	29,233	SH	SOLE	0	29,233	0	0
CEVA INC	COM	157210105	469	24,200	SH	SOLE	0	24,200	0	0
C & F FINL CORP	COM	12466Q104	4,420	82,460	SH	SOLE	0	82,460	0	0
CF INDS HLDGS INC	COM	125269100	94,991	1,107,900	SH	SOLE	0	1,107,900	0	0
CGI INC	CL A SUB VTG	12532H104	453	4,600	SH	SOLE	0	4,272	0	328
CHAMPIONS ONCOLOGY INC	COM NEW	15870P307	781	125,791	SH	SOLE	0	125,791	0	0
CHAMPIONX CORPORATION	COM	15872M104	11,698	328,416	SH	SOLE	0	309,551	0	18,865
CHARGE ENTERPRISES INC	COM	159610104	20	40,900	SH	SOLE	0	40,900	0	0
CHARLES & COLVARD LTD	COM	159765106	718	1,254,014	SH	SOLE	0	1,254,014	0	0
CHASE CORP	COM	16150R104	3,575	28,100	SH	SOLE	0	28,100	0	0
CHATHAM LODGING TR	COM	16208T102	8,810	920,575	SH	SOLE	0	920,575	0	0
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	29,855	224,000	SH	SOLE	0	224,000	0	0
CHEETAH MOBILE INC	SPONSORED ADS	163075203	68	34,145	SH	SOLE	0	34,145	0	0
CHEGG INC	COM	163092109	4,087	458,202	SH	SOLE	0	458,202	0	0
CHEMED CORP NEW	COM	16359R103	40,433	77,800	SH	SOLE	0	77,800	0	0
CHEMOURS CO	COM	163851108	5,214	185,900	SH	SOLE	0	185,900	0	0

CHEMUNG FINL CORP	COM	164024101	1,308	33,022	SH	SOLE	0	33,022	0	0
CHENIERE ENERGY INC	COM NEW	16411R208	62,359	375,748	SH	SOLE	0	369,565	0	6,183
CHERRY HILL MTG INVT CORP	COM	164651101	1,860	499,884	SH	SOLE	0	499,884	0	0
CHESAPEAKE UTILS CORP	COM	165303108	1,979	20,250	SH	SOLE	0	20,250	0	0
CHEWY INC	CL A	16679L109	56,082	3,071,300	SH	SOLE	0	2,906,529	0	164,771
CHICAGO ATLANTIC REAL ESTATE	COM	167239102	484	32,900	SH	SOLE	0	32,900	0	0
CHICAGO RIVET & MACH CO	COM	168088102	689	39,110	SH	SOLE	0	39,110	0	0
CHICOS FAS INC	COM	168615102	42,486	5,679,900	SH	SOLE	0	5,679,900	0	0
CHILDRENS PL INC NEW	COM	168905107	3,580	132,460	SH	SOLE	0	132,460	0	0
CHIMERIX INC	COM	16934W106	999	1,041,109	SH	SOLE	0	1,041,109	0	0
CHINA AUTOMOTIVE SYS INC	COM	16936R105	1,681	432,104	SH	SOLE	0	405,598	0	26,506
CHINA GREEN AGRICULTURE INC	COM NEW	16943W204	28	12,251	SH	SOLE	0	12,251	0	0
CHINA LIBERAL ED HLDGS LTD	ORD	G2161Y109	20	75,000	SH	SOLE	0	75,000	0	0
CHINA PHARMA HLDGS INC	COM	16941T203	5	30,930	SH	SOLE	0	30,930	0	0
CHINA YUCHAI INTL LTD	COM	G21082105	3,036	300,580	SH	SOLE	0	300,580	0	0
CHINDATA GROUP HLDGS LTD	ADS	16955F107	6,225	750,000	SH	SOLE	0	750,000	0	0
CHIPMOS TECHNOLOGIES INC	SPONSORD ADS NEW	16965P202	28,732	1,246,491	SH	SOLE	0	1,246,491	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	150,496	82,156	SH	SOLE	0	82,156	0	0
CHOICE HOTELS INTL INC	COM	169905106	9,752	79,600	SH	SOLE	0	79,600	0	0
CHOICEONE FINL SVCS INC	COM	170386106	338	17,200	SH	SOLE	0	17,200	0	0
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	10,560	122,608	SH	SOLE	0	122,608	0	0
CHROMADEX CORP	COM NEW	171077407	650	444,912	SH	SOLE	0	383,523	0	61,389
CHUNGHWA TELECOM CO LTD	SPON ADR NEW11	17133Q502	109,009	3,033,080	SH	SOLE	0	3,033,080	0	0
CHURCH & DWIGHT CO INC	COM	171340102	65,577	715,676	SH	SOLE	0	715,676	0	0
CHURCHILL DOWNS INC	COM	171484108	8,918	76,850	SH	SOLE	0	76,850	0	0
CHUYS HLDGS INC	COM	171604101	11,215	315,200	SH	SOLE	0	315,200	0	0
CIA ENERGETICA DE MINAS GERA	SP ADR N-V PFD	204409601	10,863	4,488,806	SH	SOLE	0	4,488,806	0	0
CIDARA THERAPEUTICS INC	COM	171757107	1,507	1,599,673	SH	SOLE	0	1,599,673	0	0
CIMPRESS PLC	SHS EURO	G2143T103	1,302	18,600	SH	SOLE	0	18,600	0	0
CINCINNATI FINL CORP	COM	172062101	20,611	201,500	SH	SOLE	0	201,500	0	0
CINEMARK HLDGS INC	COM	17243V102	43,202	2,354,329	SH	SOLE	0	2,336,139	0	18,190
CINTAS CORP	COM	172908105	25,093	52,168	SH	SOLE	0	45,719	0	6,449
CION INVT CORP	COM	17259U204	2,150	203,400	SH	SOLE	0	203,400	0	0
CIRRUS LOGIC INC	COM	172755100	15,777	213,320	SH	SOLE	0	213,320	0	0
CISCO SYS INC	COM	17275R102	60,679	1,128,705	SH	SOLE	0	1,128,705	0	0
CITIGROUP INC	COM NEW	172967424	17,181	417,723	SH	SOLE	0	330,964	0	86,759
CI&T INC	COM CL A	G21307106	234	35,959	SH	SOLE	0	35,959	0	0
CITIUS PHARMACEUTICALS INC	COM NEW	17322U207	61	89,270	SH	SOLE	0	89,270	0	0
CITIZENS HLDG CO MISS	COM	174715102	260	24,735	SH	SOLE	0	24,735	0	0
CITIZENS INC	CL A	174740100	705	247,494	SH	SOLE	0	247,494	0	0
CITIZENS & NORTHN CORP	COM	172922106	1,203	68,541	SH	SOLE	0	68,541	0	0
CITY HLDG CO	COM	177835105	523	5,788	SH	SOLE	0	5,788	0	0
CITY OFFICE REIT INC	COM	178587101	4,511	1,061,416	SH	SOLE	0	1,061,416	0	0
CIVEO CORP CDA	COM NEW	17878Y207	11,761	567,348	SH	SOLE	0	567,348	0	0
CIVISTA BANCSHARES INC	COM NO PAR	178867107	1,145	73,865	SH	SOLE	0	73,865	0	0
CLAROS MTG TR INC	COMMON STOCK	18270D106	863	77,900	SH	SOLE	0	77,900	0	0
CLEAN HARBORS INC	COM	184496107	38,448	229,733	SH	SOLE	0	229,733	0	0
CLEANSARK INC	COM NEW	18452B209	7,384	1,938,116	SH	SOLE	0	1,704,997	0	233,119
CLEARONE INC	COM	18506U104	578	761,206	SH	SOLE	0	548,371	0	212,835
CLEAR SECURE INC	COM CL A	18467V109	15,775	828,500	SH	SOLE	0	828,500	0	0
CLEARSIDE BIOMEDICAL INC	COM	185063104	238	273,289	SH	SOLE	0	273,289	0	0
CLEARSIGN TECHNOLOGIES CORP	COM	185064102	23	21,200	SH	SOLE	0	21,200	0	0
CLEARWATER ANALYTICS HLDGS I	CL A	185123106	9,876	510,645	SH	SOLE	0	510,645	0	0
CLEARWATER PAPER CORP	COM	18538R103	2,998	82,700	SH	SOLE	0	82,700	0	0
CLEARWAY ENERGY INC	CL A	18539C105	19,265	967,129	SH	SOLE	0	967,129	0	0
CLEARWAY ENERGY INC	CL C	18539C204	10,273	485,497	SH	SOLE	0	485,497	0	0
CLENE INC	COMMON STOCK	185634102	81	163,911	SH	SOLE	0	163,911	0	0

CLEVER LEAVES HOLDINGS INC	COM NEW	186760203	98	28,489	SH	SOLE	0	28,489	0	0
CLIMB GLOBAL SOLUTIONS INC	COM	946760105	8,417	195,688	SH	SOLE	0	195,688	0	0
CLIPPER RLTY INC	COM	18885T306	715	137,957	SH	SOLE	0	137,957	0	0
CLOROX CO DEL	COM	189054109	200,744	1,531,697	SH	SOLE	0	1,450,525	0	81,172
CLOVER HEALTH INVESTMENTS CO	COM CL A	18914F103	11,240	10,407,300	SH	SOLE	0	10,407,300	0	0
CLPS INCORPORATION	COM	G31642104	12	11,332	SH	SOLE	0	11,332	0	0
CME GROUP INC	COM	12572Q105	146,759	732,989	SH	SOLE	0	722,558	0	10,431
CNA FINL CORP	COM	126117100	1,318	33,500	SH	SOLE	0	33,500	0	0
CNB FINL CORP PA	COM	126128107	947	52,301	SH	SOLE	0	52,301	0	0
CNH INDL N V	SHS	N20944109	276	22,800	SH	SOLE	0	0	0	22,800
CNX RES CORP	COM	12653C108	20,255	897,016	SH	SOLE	0	897,016	0	0
COASTAL FINL CORP WA	COM NEW	19046P209	449	10,474	SH	SOLE	0	10,474	0	0
COCA COLA CO	COM	191216100	213,640	3,816,356	SH	SOLE	0	3,816,356	0	0
COCA COLA CONS INC	COM	191098102	21,461	33,727	SH	SOLE	0	31,907	0	1,820
COCA-COLA EUROPACIFIC PARTNE	SHS	G25839104	1,573	25,139	SH	SOLE	0	15,400	0	9,739
COCA-COLA FEMSA SAB DE CV	SPONSORD ADR REP	191241108	53,865	686,704	SH	SOLE	0	686,704	0	0
COCRYSTAL PHARMA INC	COM NEW	19188J409	236	126,228	SH	SOLE	0	126,228	0	0
CODERE ONLINE LUXEMBOURG S A	ORDINARY SHARES	L18268109	41	13,700	SH	SOLE	0	13,700	0	0
CODEXIS INC	COM	192005106	492	260,286	SH	SOLE	0	260,286	0	0
CO-DIAGNOSTICS INC	COM	189763105	675	636,400	SH	SOLE	0	636,400	0	0
CODORUS VY BANCORP INC	COM	192025104	1,539	82,538	SH	SOLE	0	82,538	0	0
COEUR MNG INC	COM NEW	192108504	653	294,095	SH	SOLE	0	294,095	0	0
COFFEE HLDG CO INC	COM	192176105	280	321,964	SH	SOLE	0	321,964	0	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	108,978	1,760,556	SH	SOLE	0	1,760,556	0	0
COGNEX CORP	COM	192422103	8,936	210,556	SH	SOLE	0	179,748	0	30,808
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	16,661	245,952	SH	SOLE	0	245,952	0	0
COGNYTE SOFTWARE LTD	ORD SHS	M25133105	1,151	239,211	SH	SOLE	0	239,211	0	0
COHBAR INC	COM NEW	19249J307	53	17,160	SH	SOLE	0	17,160	0	0
COHEN & STEERS INC	COM	19247A100	681	10,870	SH	SOLE	0	10,870	0	0
COHU INC	COM	192576106	5,340	155,054	SH	SOLE	0	155,054	0	0
COINBASE GLOBAL INC	COM CL A	19260Q107	84,849	1,130,113	SH	SOLE	0	1,130,113	0	0
COLGATE PALMOLIVE CO	COM	194162103	119,662	1,682,773	SH	SOLE	0	1,682,773	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	26,208	1,172,598	SH	SOLE	0	1,172,598	0	0
COLLIERS INTL GROUP INC	SUB VTG SHS	194693107	60,846	638,800	SH	SOLE	0	638,800	0	0
COLONY BANCORP INC	COM	19623P101	867	86,778	SH	SOLE	0	86,778	0	0
COLUMBIA FINL INC	COM	197641103	11,263	716,932	SH	SOLE	0	716,932	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	3,431	46,302	SH	SOLE	0	46,302	0	0
COLUMBUS MCKINNON CORP N Y	COM	199333105	2,998	85,885	SH	SOLE	0	85,885	0	0
COMERICA INC	COM	200340107	17,727	426,647	SH	SOLE	0	426,647	0	0
COMMERCE BANCSHARES INC	COM	200525103	23,905	498,234	SH	SOLE	0	498,234	0	0
COMMERCIAL METALS CO	COM	201723103	11,261	227,900	SH	SOLE	0	227,900	0	0
COMMERCIAL VEH GROUP INC	COM	202608105	14,915	1,922,004	SH	SOLE	0	1,922,004	0	0
COMMSCOPE HLDG CO INC	COM	20337X109	4,510	1,342,200	SH	SOLE	0	1,303,202	0	38,998
COMMUNITY BK SYS INC	COM	203607106	1,030	24,408	SH	SOLE	0	24,408	0	0
COMMUNITY HEALTHCARE TR INC	COM	20369C106	3,047	102,600	SH	SOLE	0	102,600	0	0
COMMUNITY HEALTH SYS INC NEW	COM	203668108	154	53,127	SH	SOLE	0	53,127	0	0
COMMUNITY TR BANCORP INC	COM	204149108	3,861	112,705	SH	SOLE	0	112,705	0	0
COMMVAULT SYS INC	COM	204166102	113,232	1,674,787	SH	SOLE	0	1,674,787	0	0
COMPANHIA BRASILEIRA DE DIST	SPONSORED ADR	20440T300	92	137,900	SH	SOLE	0	137,900	0	0
COMPANHIA DE SANEAMENTO BASI	SPONSORED ADR	20441A102	15,646	1,290,895	SH	SOLE	0	1,290,895	0	0
COMPANIA CERVECERIAS UNIDAS	SPONSORED ADR	204429104	6,687	530,678	SH	SOLE	0	530,678	0	0
COMPASS DIVERSIFIED	SH BEN INT	20451Q104	2,023	107,800	SH	SOLE	0	107,800	0	0
COMPASS INC	CL A	20464U100	5,806	2,001,900	SH	SOLE	0	2,001,900	0	0
COMPASS MINERALS INTL INC	COM	20451N101	1,258	45,001	SH	SOLE	0	45,001	0	0
COMPASS THERAPEUTICS INC	COM	20454B104	53	26,800	SH	SOLE	0	26,800	0	0
COMPOSECURE INC	COM CL A	20459V105	428	66,300	SH	SOLE	0	66,300	0	0
COMPUGEN LTD	ORD	M25722105	1,018	1,094,300	SH	SOLE	0	1,094,300	0	0

COMPUTER TASK GROUP INC	COM	205477102	8,365	809,757	SH	SOLE	0	809,757	0	0
COMPX INTL INC	CL A	20563P101	2,521	135,598	SH	SOLE	0	135,598	0	0
COMSCORE INC	COM	20564W105	311	506,834	SH	SOLE	0	506,834	0	0
COMSTOCK HLDG COS INC	CL A NEW	205684202	724	152,064	SH	SOLE	0	152,064	0	0
COMSTOCK INC	COM NEW	205750300	236	576,097	SH	SOLE	0	576,097	0	0
COMTECH TELECOMMUNICATIONS C	COM NEW	205826209	930	106,250	SH	SOLE	0	106,250	0	0
CONAGRA BRANDS INC	COM	205887102	32,662	1,191,171	SH	SOLE	0	1,191,171	0	0
CONCORD MED SVCS HLDGS LTD	SPON ADR CL A	206277105	77	60,100	SH	SOLE	0	60,100	0	0
CONCRETE PUMPING HLDGS INC	COM	206704108	2,777	323,706	SH	SOLE	0	260,274	0	63,432
CONDUENT INC	COM	206787103	6,178	1,775,400	SH	SOLE	0	1,775,400	0	0
CONFLUENT INC	CLASS A COM	20717M103	20,147	680,400	SH	SOLE	0	680,400	0	0
CONNECT BIOPHARMA HLDGS LTD	ADS	207523101	79	97,000	SH	SOLE	0	97,000	0	0
CONNECTONE BANCORP INC	COM	20786W107	5,408	303,287	SH	SOLE	0	303,287	0	0
CONNS INC	COM	208242107	57	14,412	SH	SOLE	0	14,412	0	0
CONSENSUS CLOUD SOLUTIONS IN	COM	20848V105	483	19,195	SH	SOLE	0	19,195	0	0
CONSOLIDATED COMM HLDGS INC	COM	209034107	4,950	1,447,503	SH	SOLE	0	1,447,503	0	0
CONSOLIDATED EDISON INC	COM	209115104	47,863	559,603	SH	SOLE	0	559,603	0	0
CONSOLIDATED WATER CO INC	ORD	G23773107	7,385	259,667	SH	SOLE	0	259,667	0	0
CONSTELLATION BRANDS INC	CL A	21036P108	40,967	163,000	SH	SOLE	0	163,000	0	0
CONSTELLATION ENERGY CORP	COM	21037T109	32,015	293,500	SH	SOLE	0	293,500	0	0
CONSTELLIUM SE	CL A SHS	F21107101	5,354	294,200	SH	SOLE	0	294,200	0	0
CONSUMER PORTFOLIO SVCS INC	COM	210502100	4,059	447,558	SH	SOLE	0	447,558	0	0
CONTAINER STORE GROUP INC	COM	210751103	62	27,600	SH	SOLE	0	27,600	0	0
CONTEXTLOGIC INC	CL A NEW	21077C305	920	208,577	SH	SOLE	0	208,577	0	0
CONTEXT THERAPEUTICS INC	COM	21077P108	45	30,100	SH	SOLE	0	30,100	0	0
CONTROLADORA VUELA COMP DE A	SPON ADR RP 10	21240E105	2,089	307,600	SH	SOLE	0	307,600	0	0
COOL CO LTD	COMMON SHARES	G2415A113	2,394	173,223	SH	SOLE	0	145,300	0	27,923
COOPER STD HLDGS INC	COM	21676P103	3,644	271,500	SH	SOLE	0	271,500	0	0
COPA HOLDINGS SA	CL A	P31076105	59,615	668,928	SH	SOLE	0	668,928	0	0
COPART INC	COM	217204106	1,586	36,800	SH	SOLE	0	36,800	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	180,222	6,614,871	SH	SOLE	0	6,608,702	0	6,169
COREBRIDGE FINL INC	COM	21871X109	17,463	884,200	SH	SOLE	0	884,200	0	0
CORECARD CORPORATION	COM	45816D100	3,726	186,297	SH	SOLE	0	186,297	0	0
CORE & MAIN INC	CL A	21874C102	23,524	815,400	SH	SOLE	0	815,400	0	0
CORE MOLDING TECHNOLOGIES IN	COM	218683100	15,651	549,364	SH	SOLE	0	540,579	0	8,785
COREENERGY INFRASTRUCTURE TR	COM NEW	21870U502	21	26,500	SH	SOLE	0	26,500	0	0
CORMEDIX INC	COM	21900C308	394	106,600	SH	SOLE	0	106,600	0	0
CORSAIR GAMING INC	COM	22041X102	3,777	259,933	SH	SOLE	0	259,933	0	0
CORTEVA INC	COM	22052L104	9,768	190,937	SH	SOLE	0	81,334	0	109,603
CORVEL CORP	COM	221006109	141,098	717,510	SH	SOLE	0	716,457	0	1,053
CORVUS PHARMACEUTICALS INC	COM	221015100	616	421,743	SH	SOLE	0	421,743	0	0
COSAN S A	ADS	22113B103	67,137	4,940,177	SH	SOLE	0	4,940,177	0	0
COSTAMARE INC	SHS	Y1771G102	16,142	1,677,982	SH	SOLE	0	1,677,982	0	0
COTERRA ENERGY INC	COM	127097103	49,166	1,817,609	SH	SOLE	0	1,817,609	0	0
COTY INC	COM CL A	222070203	18,298	1,668,004	SH	SOLE	0	1,668,004	0	0
COUPANG INC	CL A	22266T109	60,812	3,577,200	SH	SOLE	0	3,577,200	0	0
COURSERA INC	COM	22266M104	15,845	847,800	SH	SOLE	0	847,800	0	0
COUSINS PPTYS INC	COM NEW	222795502	4,350	213,531	SH	SOLE	0	213,531	0	0
COVENANT LOGISTICS GROUP INC	CL A	22284P105	3,078	70,200	SH	SOLE	0	52,696	0	17,504
CPI AEROSTRUCTURES INC	COM NEW	125919308	188	56,390	SH	SOLE	0	40,207	0	16,183
CPS TECHNOLOGIES CORP	COM	12619F104	248	89,183	SH	SOLE	0	89,183	0	0
CRACKER BARREL OLD CTRY STOR	COM	22410J106	2,233	33,232	SH	SOLE	0	33,232	0	0
CRA INTL INC	COM	12618T105	25,282	250,913	SH	SOLE	0	250,913	0	0
CRANE COMPANY	COMMON STOCK	224408104	11,567	130,200	SH	SOLE	0	120,391	0	9,809
CRANE NXT CO	COM	224441105	4,457	80,200	SH	SOLE	0	80,200	0	0
CRAWFORD & CO	CL A	224633206	5,684	608,544	SH	SOLE	0	608,544	0	0
CRAWFORD & CO	CL B	224633107	5,944	693,610	SH	SOLE	0	693,422	0	188

CREATIVE MEDIA & CMNTY TR	COM NEW	125525584	145	35,798	SH	SOLE	0	29,747	0	6,051
CREATIVE REALITIES INC	COM	22530J309	148	95,503	SH	SOLE	0	95,503	0	0
CREDIT SUISSE NASSAU BRANCH	XLINK CRD ETN37	22539U602	1,533	18,200	SH	SOLE	0	18,200	0	0
CREDO TECHNOLOGY GROUP HOLDI	ORDINARY SHARES	G25457105	10,990	720,638	SH	SOLE	0	720,638	0	0
CRESCENT ENERGY COMPANY	CL A COM	44952J104	986	78,000	SH	SOLE	0	78,000	0	0
CRESCENT PT ENERGY CORP	COM	22576C101	6,602	794,935	SH	SOLE	0	25,900	0	769,035
CREXENDO INC	COM	226552107	145	68,704	SH	SOLE	0	68,704	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	4,868	163,700	SH	SOLE	0	163,700	0	0
CRISPR THERAPEUTICS AG	NAMEN AKT	H17182108	6,494	143,067	SH	SOLE	0	0	0	143,067
CROSS CTRY HEALTHCARE INC	COM	227483104	4,582	184,830	SH	SOLE	0	184,830	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	806	79,900	SH	SOLE	0	79,900	0	0
CROWDSTRIKE HLDGS INC	CL A	22788C105	279,204	1,668,083	SH	SOLE	0	1,668,083	0	0
CROWN CASTLE INC	COM	22822V101	50,304	546,603	SH	SOLE	0	497,403	0	49,200
CROWN CRAFTS INC	COM	228309100	1,400	297,342	SH	SOLE	0	297,342	0	0
CROWN HLDGS INC	COM	228368106	7,008	79,200	SH	SOLE	0	57,086	0	22,114
CSG SYS INTL INC	COM	126349109	41,274	807,387	SH	SOLE	0	807,387	0	0
CSP INC	COM	126389105	2,976	170,063	SH	SOLE	0	170,063	0	0
CSW INDUSTRIALS INC	COM	126402106	6,659	38,000	SH	SOLE	0	38,000	0	0
CTO RLTY GROWTH INC NEW	COM	22948Q101	809	49,901	SH	SOLE	0	49,901	0	0
CTS CORP	COM	126501105	6,107	146,300	SH	SOLE	0	146,300	0	0
CUE BIOPHARMA INC	COM	22978P106	138	59,800	SH	SOLE	0	59,800	0	0
CUE HEALTH INC	COM	229790100	143	323,800	SH	SOLE	0	323,800	0	0
CULLINAN ONCOLOGY INC	COM	230031106	2,015	222,700	SH	SOLE	0	222,700	0	0
CULP INC	COM	230215105	3,755	673,017	SH	SOLE	0	673,017	0	0
CUMBERLAND PHARMACEUTICALS I	COM	230770109	1,050	555,763	SH	SOLE	0	555,763	0	0
CUMULUS MEDIA INC	COM CL A	231082801	108	21,300	SH	SOLE	0	21,300	0	0
CURIOSITYSTREAM INC	COM CL A	23130Q107	194	272,900	SH	SOLE	0	272,900	0	0
CURIS INC	COM	231269309	564	85,563	SH	SOLE	0	85,563	0	0
CURTISS WRIGHT CORP	COM	231561101	4,050	20,700	SH	SOLE	0	20,700	0	0
CUSTOMERS BANCORP INC	COM	23204G100	5,575	161,820	SH	SOLE	0	161,820	0	0
CUSTOM TRUCK ONE SOURCE INC	COM CL A	23204X103	1,354	218,400	SH	SOLE	0	218,400	0	0
CUTERA INC	COM	232109108	970	161,198	SH	SOLE	0	161,198	0	0
CVB FINL CORP	COM	126600105	2,451	147,919	SH	SOLE	0	147,919	0	0
CVD EQUIP CORP	COM	126601103	678	101,882	SH	SOLE	0	101,882	0	0
CVR ENERGY INC	COM	12662P108	29,105	855,284	SH	SOLE	0	855,284	0	0
CVRX INC	COM	126638105	997	65,700	SH	SOLE	0	65,700	0	0
CYANOTECH CORP	COM PAR \$0.02	232437301	122	152,209	SH	SOLE	0	152,209	0	0
CYCLACEL PHARMACEUTICALS INC	COM	23254L603	66	185,500	SH	SOLE	0	185,500	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	1,692	113,450	SH	SOLE	0	113,450	0	0
CYTEIR THERAPEUTICS INC	COM	23284P103	297	104,649	SH	SOLE	0	104,649	0	0
CYTEK BIOSCIENCES INC	COM	23285D109	1,639	296,900	SH	SOLE	0	296,900	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	1,200	930,100	SH	SOLE	0	930,100	0	0
CYTOSORBENTS CORP	COM NEW	23283X206	224	119,100	SH	SOLE	0	119,100	0	0
DADA NEXUS LTD	ADS	23344D108	4,533	1,018,600	SH	SOLE	0	1,018,600	0	0
DAILY JOURNAL CORP	COM	233912104	323	1,100	SH	SOLE	0	511	0	589
DAKOTA GOLD CORP	COM	46655E100	100	38,700	SH	SOLE	0	38,700	0	0
DAKTRONICS INC	COM	234264109	7,227	810,148	SH	SOLE	0	810,148	0	0
DALLASNEWS CORPORATION	COM SER A	235050101	842	183,051	SH	SOLE	0	183,051	0	0
DANA INC	COM	235825205	6,522	444,600	SH	SOLE	0	444,600	0	0
DANAOS CORPORATION	SHS	Y1968P121	1,722	26,000	SH	SOLE	0	26,000	0	0
DAQO NEW ENERGY CORP	SPNSRD ADS NEW	23703Q203	2,776	91,700	SH	SOLE	0	91,700	0	0
DARDEN RESTAURANTS INC	COM	237194105	18,275	127,600	SH	SOLE	0	127,600	0	0
DARE BIOSCIENCE INC	COM	23666P101	310	670,800	SH	SOLE	0	670,800	0	0
DARIOHEALTH CORP	COM NEW	23725P209	253	77,100	SH	SOLE	0	77,100	0	0
DASEKE INC	COM	23753F107	5,095	993,239	SH	SOLE	0	993,239	0	0
DATADOG INC	CL A COM	23804L103	103,259	1,133,592	SH	SOLE	0	1,133,592	0	0
DATA I O CORP	COM	237690102	2,025	531,455	SH	SOLE	0	510,583	0	20,872

DATA STORAGE CORP	COM NEW	23786R201	150	46,258	SH	SOLE	0	46,258	0	0
DATCHAT INC	COM NEW	23816M206	27	10,030	SH	SOLE	0	10,030	0	0
DAVE & BUSTERS ENTMT INC	COM	238337109	1,464	39,500	SH	SOLE	0	39,500	0	0
DAVITA INC	COM	23918K108	14,699	155,500	SH	SOLE	0	147,482	0	8,018
DAXOR CORP	COM	239467103	148	15,821	SH	SOLE	0	15,821	0	0
DBX ETF TR	XTRACKERS S&P	233051143	525	13,400	SH	SOLE	0	13,400	0	0
DBX ETF TR	XTRACK MSCI EAFE	233051200	855	24,500	SH	SOLE	0	24,500	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	3,961	311,400	SH	SOLE	0	311,400	0	0
DECISIONPOINT SYS INC NEW	COM	24345A507	52	10,475	SH	SOLE	0	10,475	0	0
DEERE & CO	COM	244199105	136,498	361,700	SH	SOLE	0	323,211	0	38,489
DEFINITIVE HEALTHCARE CORP	CLASS A COM	24477E103	118	14,800	SH	SOLE	0	14,800	0	0
DELEK US HLDGS INC NEW	COM	24665A103	9,014	317,269	SH	SOLE	0	315,572	0	1,697
DELL TECHNOLOGIES INC	CL C	24703L202	10,561	153,278	SH	SOLE	0	115,860	0	37,418
DELTA AIR LINES INC DEL	COM NEW	247361702	302,905	8,186,620	SH	SOLE	0	6,778,188	0	1,408,432
DENALI THERAPEUTICS INC	COM	24823R105	9,652	467,851	SH	SOLE	0	467,851	0	0
DENBURY INC	COM	24790A101	1,911	19,500	SH	SOLE	0	0	0	19,500
DENNYS CORP	COM	24869P104	6,200	732,011	SH	SOLE	0	732,011	0	0
DENTSPLY SIRONA INC	COM	24906P109	3,070	89,858	SH	SOLE	0	89,858	0	0
DESCARTES SYS GROUP INC	COM	249906108	24,051	327,700	SH	SOLE	0	277,546	0	50,154
DESIGN THERAPEUTICS INC	COM	25056L103	388	164,200	SH	SOLE	0	164,200	0	0
DESTINATION XL GROUP INC	COM	25065K104	1,228	274,024	SH	SOLE	0	274,024	0	0
DEUTSCHE BANK A G	NAMEN AKT	D18190898	3,425	311,603	SH	SOLE	0	0	0	311,603
DEVON ENERGY CORP NEW	COM	25179M103	74,731	1,566,696	SH	SOLE	0	1,532,750	0	33,946
DHI GROUP INC	COM	23331S100	6,855	2,240,060	SH	SOLE	0	2,240,060	0	0
DHT HOLDINGS INC	SHS NEW	Y2065G121	34,459	3,345,570	SH	SOLE	0	3,345,570	0	0
DIAGEO PLC	SPON ADR NEW	25243Q205	7,270	48,730	SH	SOLE	0	48,730	0	0
DIAMOND HILL INVT GROUP INC	COM NEW	25264R207	15,415	91,446	SH	SOLE	0	91,446	0	0
DIAMONDRock HOSPITALITY CO	COM	252784301	6,167	768,007	SH	SOLE	0	768,007	0	0
DIANA SHIPPING INC	COM	Y2066G104	6,255	1,802,519	SH	SOLE	0	1,802,519	0	0
DIANTHUS THERAPEUTICS INC	COM	252828108	481	35,216	SH	SOLE	0	35,216	0	0
DICKS SPORTING GOODS INC	COM	253393102	56,928	524,300	SH	SOLE	0	524,300	0	0
DIGIHOST TECHNOLOGY INC	COM NEW	25381D206	105	99,499	SH	SOLE	0	99,499	0	0
DIGI INTL INC	COM	253798102	4,325	160,184	SH	SOLE	0	160,184	0	0
DIGIMARC CORP NEW	COM	25381B101	439	13,500	SH	SOLE	0	13,500	0	0
DILLARDS INC	CL A	254067101	20,477	61,900	SH	SOLE	0	61,900	0	0
DIME CMNTY BANCSHARES INC	COM	25432X102	3,399	170,309	SH	SOLE	0	170,309	0	0
DIMENSIONAL ETF TRUST	INTERNATNAL VAL	25434V807	287	8,800	SH	SOLE	0	8,800	0	0
DIMENSIONAL ETF TRUST	US CORE EQT MKT	25434V104	563	18,800	SH	SOLE	0	18,800	0	0
DIMENSIONAL ETF TRUST	US CORE EQUITY 2	25434V708	734	28,000	SH	SOLE	0	28,000	0	0
DIMENSIONAL ETF TRUST	US EQUITY ETF	25434V401	521	11,200	SH	SOLE	0	11,200	0	0
DIMENSIONAL ETF TRUST	US HIGH PROFITAB	25434V831	1,010	39,300	SH	SOLE	0	39,300	0	0
DIMENSIONAL ETF TRUST	US MKTWIDE VALUE	25434V724	412	12,100	SH	SOLE	0	12,100	0	0
DIMENSIONAL ETF TRUST	US SMALL CAP ETF	25434V500	817	15,558	SH	SOLE	0	15,558	0	0
DIMENSIONAL ETF TRUST	US SMALL CAP VAL	25434V815	487	19,200	SH	SOLE	0	19,200	0	0
DIMENSIONAL ETF TRUST	US TARGETED VLU	25434V609	704	15,400	SH	SOLE	0	15,400	0	0
DINGDONG CAYMAN LTD	ADS	25445D101	464	238,000	SH	SOLE	0	238,000	0	0
DIODES INC	COM	254543101	6,437	81,651	SH	SOLE	0	81,651	0	0
DIRECT DIGITAL HOLDINGS INC	CLASS A COM	25461T105	104	40,800	SH	SOLE	0	40,800	0	0
DIREXION SHS ETF TR	20YR TRES BEAR	25460G849	2,953	66,900	SH	SOLE	0	66,900	0	0
DIREXION SHS ETF TR	BRZ BL 2X SHS	25460G708	256	3,300	SH	SOLE	0	3,300	0	0
DIREXION SHS ETF TR	DLY S&P OIL GAS	25460G328	818	81,400	SH	SOLE	0	81,400	0	0
DISC MEDICINE INC	COM	254604101	1,395	29,690	SH	SOLE	0	29,690	0	0
DISNEY WALT CO	COM	254687106	48,024	592,527	SH	SOLE	0	592,527	0	0
DISTRIBUTION SOLUTIONS GRP I	COM	520776105	2,811	108,100	SH	SOLE	0	97,081	0	11,019
DIVERSIFIED HEALTHCARE TR	COM SH BEN INT	25525P107	44	22,900	SH	SOLE	0	22,900	0	0
DIXIE GROUP INC	CL A	255519100	68	99,000	SH	SOLE	0	76,569	0	22,431
DLH HLDGS CORP	COM	23335Q100	3,250	278,468	SH	SOLE	0	258,251	0	20,217

D MARKET ELECTR SVCS & TRADI	SPONSORED ADS	23292B104	978	735,199	SH	SOLE	0	587,843	0	147,356
DMC GLOBAL INC	COM	23291C103	2,373	96,968	SH	SOLE	0	96,968	0	0
DOCEBO INC	COM	25609L105	1,880	46,400	SH	SOLE	0	46,400	0	0
DOCGO INC	COM	256086109	457	85,800	SH	SOLE	0	85,800	0	0
DOCUSIGN INC	COM	256163106	108,272	2,577,900	SH	SOLE	0	2,536,881	0	41,019
DOGNESS INTERNATIONAL CORP	COM CL A	G2788T103	129	274,200	SH	SOLE	0	274,200	0	0
DOLBY LABORATORIES INC	COM CL A	25659T107	5,223	65,900	SH	SOLE	0	65,900	0	0
DOLE PLC	ORD SHS	G27907107	6,612	571,000	SH	SOLE	0	571,000	0	0
DOLLAR GEN CORP NEW	COM	256677105	154,235	1,457,800	SH	SOLE	0	1,245,391	0	212,409
DOLLAR TREE INC	COM	256746108	10,645	100,003	SH	SOLE	0	77,007	0	22,996
DOLPHIN ENTMT INC	COM NEW	25686H209	64	35,800	SH	SOLE	0	35,800	0	0
DOMA HOLDINGS INC	COM NEW	25703A203	222	43,707	SH	SOLE	0	43,707	0	0
DOMINARI HOLDINGS INC	COM NEW	008875304	91	39,326	SH	SOLE	0	39,326	0	0
DOMINOS PIZZA INC	COM	25754A201	182,510	481,825	SH	SOLE	0	481,825	0	0
DOMO INC	COM CL B	257554105	3,869	394,400	SH	SOLE	0	394,400	0	0
DONALDSON INC	COM	257651109	6,906	115,800	SH	SOLE	0	115,800	0	0
DONEGAL GROUP INC	CL A	257701201	5,066	355,411	SH	SOLE	0	355,411	0	0
DOORDASH INC	CL A	25809K105	157,465	1,981,443	SH	SOLE	0	1,947,823	0	33,620
DORIAN LPG LTD	SHS USD	Y2106R110	9,233	321,360	SH	SOLE	0	321,360	0	0
DORMAN PRODS INC	COM	258278100	1,197	15,800	SH	SOLE	0	15,800	0	0
DOUGLAS ELLIMAN INC	COM	25961D105	7,296	3,228,404	SH	SOLE	0	3,228,404	0	0
DOUGLAS EMMETT INC	COM	25960P109	8,709	682,500	SH	SOLE	0	682,500	0	0
DOUYU INTL HLDGS LTD	SPONSORED ADS	25985W105	1,223	1,256,000	SH	SOLE	0	1,256,000	0	0
DOXIMITY INC	CL A	26622P107	16,622	783,300	SH	SOLE	0	762,900	0	20,400
DRAFTKINGS INC NEW	COM CL A	26142V105	32,989	1,120,533	SH	SOLE	0	1,120,533	0	0
DRDGOLD LIMITED	SPON ADR REPSTG	26152H301	7,474	900,513	SH	SOLE	0	900,513	0	0
DREAM FINDERS HOMES INC	COM CL A	26154D100	5,380	242,010	SH	SOLE	0	242,010	0	0
D R HORTON INC	COM	23331A109	124,605	1,159,438	SH	SOLE	0	1,159,438	0	0
DROPBOX INC	CL A	26210C104	260,061	9,550,533	SH	SOLE	0	9,550,533	0	0
DR REDDYS LABS LTD	ADR	256135203	122,735	1,835,424	SH	SOLE	0	1,835,424	0	0
DSS INC	COM	26253C102	70	378,469	SH	SOLE	0	378,469	0	0
DUCKHORN PORTFOLIO INC	COM	26414D106	4,365	425,400	SH	SOLE	0	425,400	0	0
DUCOMMUN INC DEL	COM	264147109	9,141	210,100	SH	SOLE	0	210,100	0	0
DUKE ENERGY CORP NEW	COM NEW	26441C204	3,521	39,895	SH	SOLE	0	39,895	0	0
DUN & BRADSTREET HLDGS INC	COM	26484T106	3,251	325,400	SH	SOLE	0	325,400	0	0
DUOLINGO INC	CL A COM	26603R106	37,321	225,000	SH	SOLE	0	225,000	0	0
DURECT CORP	COM NEW	266605500	729	292,666	SH	SOLE	0	292,666	0	0
DXP ENTERPRISES INC	COM NEW	233377407	2,890	82,700	SH	SOLE	0	82,700	0	0
DYADIC INTL INC DEL	COM	26745T101	21	11,000	SH	SOLE	0	11,000	0	0
DYCOM INDS INC	COM	267475101	4,886	54,900	SH	SOLE	0	54,900	0	0
DYNATRACE INC	COM NEW	268150109	20,832	445,800	SH	SOLE	0	445,800	0	0
DYNATRONICS CORP	COM	268157500	101	134,718	SH	SOLE	0	134,718	0	0
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	24,149	1,635,029	SH	SOLE	0	1,635,029	0	0
DYNEX CAP INC	COM	26817Q886	2,430	203,500	SH	SOLE	0	203,500	0	0
EAGLE BANCORP INC MD	COM	268948106	1,675	78,080	SH	SOLE	0	78,080	0	0
EAGLE BANCORP MONT INC	COM	26942G100	840	70,610	SH	SOLE	0	70,610	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A150	7,902	188,000	SH	SOLE	0	188,000	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	4,040	256,152	SH	SOLE	0	256,152	0	0
EARGO INC	COM NEW	270087208	104	47,980	SH	SOLE	0	47,980	0	0
EASTERN BANKSHARES INC	COM	27627N105	8,027	640,088	SH	SOLE	0	640,088	0	0
EASTERN CO	COM	276317104	2,369	130,505	SH	SOLE	0	126,633	0	3,872
EASTMAN KODAK CO	COM NEW	277461406	1,954	464,045	SH	SOLE	0	464,045	0	0
EAST WEST BANCORP INC	COM	27579R104	18,023	341,933	SH	SOLE	0	341,933	0	0
EBANG INTL HLDGS INC	CL A ORD SH NEW	G3R33A205	332	44,213	SH	SOLE	0	44,213	0	0
EBIX INC	COM NEW	278715206	1,736	175,687	SH	SOLE	0	175,687	0	0
ECB BANCORP INC	COM	26828M106	181	16,500	SH	SOLE	0	16,500	0	0
ECHOSTAR CORP	CL A	278768106	28,616	1,708,404	SH	SOLE	0	1,708,404	0	0

ECOLAB INC	COM	278865100	59,306	350,097	SH	SOLE	0	332,770	0	17,327
ECOPETROL S A	SPONSORED ADS	279158109	2,384	205,835	SH	SOLE	0	205,835	0	0
ECOVYST INC	COM	27923Q109	3,638	369,700	SH	SOLE	0	369,700	0	0
EDGEWISE THERAPEUTICS INC	COM	28036F105	865	151,000	SH	SOLE	0	151,000	0	0
EDGIO INC	COM	53261M104	658	771,967	SH	SOLE	0	771,967	0	0
EDITAS MEDICINE INC	COM	28106W103	503	64,500	SH	SOLE	0	64,500	0	0
EDUCATIONAL DEV CORP	COM	281479105	257	242,745	SH	SOLE	0	242,745	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	34,432	497,000	SH	SOLE	0	420,907	0	76,093
EFFECTOR THERAPEUTICS INC	COM	28202V108	17	28,267	SH	SOLE	0	28,267	0	0
EGAIN CORP	COM NEW	28225C806	3,786	617,551	SH	SOLE	0	617,551	0	0
EHANG HLDGS LTD	ADS	26853E102	1,734	96,200	SH	SOLE	0	84,620	0	11,580
EHEALTH INC	COM	28238P109	1,007	136,128	SH	SOLE	0	136,128	0	0
EKSO BIONICS HLDGS INC	COM	282644301	50	68,716	SH	SOLE	0	68,716	0	0
ELASTIC N V	ORD SHS	N14506104	5,061	62,300	SH	SOLE	0	0	0	62,300
ELBIT SYS LTD	ORD	M3760D101	812	4,100	SH	SOLE	0	4,100	0	0
ELDORADO GOLD CORP NEW	COM	284902509	39,071	4,385,029	SH	SOLE	0	4,385,029	0	0
ELECTROCORE INC	COM NEW	28531P202	259	42,616	SH	SOLE	0	42,616	0	0
ELECTROMED INC	COM	285409108	602	57,904	SH	SOLE	0	55,280	0	2,624
ELECTRONIC ARTS INC	COM	285512109	21,800	181,060	SH	SOLE	0	147,050	0	34,010
ELECTRO-SENSORS INC	COM	285233102	380	97,200	SH	SOLE	0	97,200	0	0
ELEDON PHARMACEUTICALS INC	COM	28617K101	85	61,973	SH	SOLE	0	61,973	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	502	25,600	SH	SOLE	0	25,600	0	0
ELEVANCE HEALTH INC	COM	036752103	221,530	508,773	SH	SOLE	0	497,512	0	11,261
E L F BEAUTY INC	COM	26856L103	249,655	2,273,100	SH	SOLE	0	2,273,100	0	0
ELI LILLY & CO	COM	532457108	72,762	135,464	SH	SOLE	0	135,464	0	0
ELLINGTON RESIDENTIAL MTG RE	COM SHS BEN INT	288578107	2,814	453,200	SH	SOLE	0	453,200	0	0
ELME COMMUNITIES	SH BEN INT	939653101	8,644	633,708	SH	SOLE	0	633,708	0	0
EL POLLO LOCO HLDGS INC	COM	268603107	3,362	375,600	SH	SOLE	0	375,600	0	0
ELTEK LTD	SHS	M40184208	1,020	107,723	SH	SOLE	0	107,723	0	0
ELUTIA INC	CL A COM	05479K106	42	29,516	SH	SOLE	0	29,516	0	0
ELYS GAME TECHNOLOGY CORP	COM	290734102	29	59,800	SH	SOLE	0	59,800	0	0
EMBOTELLADORA ANDINA S A	SPON ADR A	29081P204	1,172	101,400	SH	SOLE	0	101,400	0	0
EMBOTELLADORA ANDINA S A	SPON ADR B	29081P303	6,643	512,981	SH	SOLE	0	512,981	0	0
EMBRAER S.A.	SPONSORED ADS	29082A107	15,279	1,113,600	SH	SOLE	0	1,113,600	0	0
EMCORE CORP	COM NEW	290846203	419	880,797	SH	SOLE	0	880,797	0	0
EMCOR GROUP INC	COM	29084Q100	17,112	81,337	SH	SOLE	0	81,337	0	0
EMERALD HOLDING INC	COM	29103W104	737	163,057	SH	SOLE	0	163,057	0	0
EMEREN GROUP LTD	SPONSORED ADS	75971T301	76	24,640	SH	SOLE	0	24,640	0	0
EMERSON RADIO CORP	COM NEW	291087203	428	755,888	SH	SOLE	0	755,888	0	0
EMPLOYERS HLDGS INC	COM	292218104	12,980	324,909	SH	SOLE	0	324,909	0	0
EMPRESA DIST Y COMERCIAL NOR	SPON ADR	29244A102	505	42,100	SH	SOLE	0	0	0	42,100
EMX RTY CORP	COM	26873J107	33	18,569	SH	SOLE	0	0	0	18,569
ENACT HLDGS INC	COM	29249E109	2,472	90,800	SH	SOLE	0	90,800	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	5,117	458,100	SH	SOLE	0	458,100	0	0
ENBRIDGE INC	COM	29250N105	28,124	847,353	SH	SOLE	0	847,353	0	0
ENCORE CAP GROUP INC	COM	292554102	3,960	82,905	SH	SOLE	0	82,905	0	0
ENCORE WIRE CORP	COM	292562105	8,061	44,178	SH	SOLE	0	44,178	0	0
ENDEAVOR GROUP HLDGS INC	CL A COM	29260Y109	15,355	771,600	SH	SOLE	0	771,600	0	0
ENDEAVOUR SILVER CORP	COM	29258Y103	158	64,700	SH	SOLE	0	0	0	64,700
ENDRA LIFE SCIENCES INC	COM NEW	29273B302	11	10,323	SH	SOLE	0	10,323	0	0
ENEL CHILE S.A.	SPONSORED ADR	29278D105	6,483	2,190,288	SH	SOLE	0	2,190,288	0	0
ENERFLEX LTD	COM	29269R105	386	67,100	SH	SOLE	0	0	0	67,100
ENERGY SVCS ACQUISITION CORP	COM	29271Q103	701	173,201	SH	SOLE	0	130,934	0	42,267
ENERPAC TOOL GROUP CORP	CL A COM	292765104	806	30,500	SH	SOLE	0	30,500	0	0
ENERPLUS CORP	COM	292766102	23,621	1,339,798	SH	SOLE	0	1,303,698	0	36,100
ENERSYS	COM	29275Y102	5,028	53,116	SH	SOLE	0	53,116	0	0
ENGAGESMART INC	COMMON STOCK	29283F103	7,021	390,300	SH	SOLE	0	390,300	0	0

ENGLOBAL CORP	COM	293306106	45	131,878	SH	SOLE	0	46,166	0	85,712
ENLIVEX THERAPEUTICS LTD	COM	M4130Y106	93	58,889	SH	SOLE	0	58,889	0	0
ENNIS INC	COM	293389102	32,304	1,522,346	SH	SOLE	0	1,522,346	0	0
ENOVA INTL INC	COM	29357K103	43,922	863,417	SH	SOLE	0	863,417	0	0
ENOVIS CORPORATION	COM	194014502	4,254	80,667	SH	SOLE	0	80,667	0	0
ENPHASE ENERGY INC	COM	29355A107	64,380	535,828	SH	SOLE	0	458,253	0	77,575
ENPRO INDS INC	COM	29355X107	3,776	31,157	SH	SOLE	0	31,157	0	0
ENSTAR GROUP LIMITED	SHS	G3075P101	2,856	11,800	SH	SOLE	0	11,800	0	0
ENTERA BIO LTD	SHS	M40527109	17	23,400	SH	SOLE	0	23,400	0	0
ENERGY CORP NEW	COM	29364G103	11,618	125,600	SH	SOLE	0	125,600	0	0
ENTERPRISE FINL SVCS CORP	COM	293712105	816	21,750	SH	SOLE	0	21,750	0	0
ENTHUSIAST GAMING HLDGS INC	COM	29385B109	20	60,300	SH	SOLE	0	60,300	0	0
ENTRAVISION COMMUNICATIONS C	CL A	29382R107	8,745	2,395,843	SH	SOLE	0	2,395,843	0	0
ENVELA CORP	COM	29402E102	1,197	252,430	SH	SOLE	0	219,280	0	33,150
ENVIRI CORP	COM	415864107	871	120,696	SH	SOLE	0	120,696	0	0
ENVISTA HOLDINGS CORPORATION	COM	29415F104	1,756	63,000	SH	SOLE	0	63,000	0	0
ENZO BIOCHEM INC	COM	294100102	3,578	2,556,064	SH	SOLE	0	2,556,064	0	0
EPAM SYS INC	COM	29414B104	24,272	94,926	SH	SOLE	0	94,926	0	0
EPLUS INC	COM	294268107	1,086	17,100	SH	SOLE	0	17,100	0	0
EPR PPTYS	COM SH BEN INT	26884U109	22,170	533,700	SH	SOLE	0	533,700	0	0
EPSILON ENERGY LTD	COM	294375209	1,467	277,800	SH	SOLE	0	205,188	0	72,612
EQT CORP	COM	26884L109	34,059	839,300	SH	SOLE	0	839,300	0	0
EQUILLIUM INC	COM	29446K106	217	293,291	SH	SOLE	0	268,701	0	24,590
EQUITRANS MIDSTREAM CORP	COM	294600101	15,794	1,685,599	SH	SOLE	0	1,628,500	0	57,099
EQUITY BANCSHARES INC	COM CL A	29460X109	1,947	80,900	SH	SOLE	0	80,900	0	0
EQUITY COMWLTH	COM SH BEN INT	294628102	27,814	1,514,085	SH	SOLE	0	1,514,085	0	0
EQUITY LIFESTYLE PPTYS INC	COM	29472R108	13,882	217,900	SH	SOLE	0	162,479	0	55,421
EQUITY RESIDENTIAL	SH BEN INT	29476L107	32,983	561,800	SH	SOLE	0	561,800	0	0
ERASCA INC	COM	29479A108	1,462	742,100	SH	SOLE	0	742,100	0	0
ERICSSON	ADR B SEK 10	294821608	6,501	1,337,600	SH	SOLE	0	1,337,600	0	0
ERIE INDTY CO	CL A	29530P102	26,168	89,071	SH	SOLE	0	87,563	0	1,508
ESAB CORPORATION	COM	29605J106	12,338	175,700	SH	SOLE	0	175,700	0	0
ESCALADE INC	COM	296056104	180	11,730	SH	SOLE	0	11,730	0	0
ESPERION THERAPEUTICS INC NE	COM	29664W105	202	206,156	SH	SOLE	0	206,156	0	0
ESPEY MFG & ELECTRS CORP	COM	296650104	1,609	99,612	SH	SOLE	0	87,169	0	12,443
ESQUIRE FINL HLDGS INC	COM	29667J101	1,467	32,100	SH	SOLE	0	32,100	0	0
ESSA BANCORP INC	COM	29667D104	4,802	319,918	SH	SOLE	0	319,918	0	0
ESSENT GROUP LTD	COM	G3198U102	1,102	23,300	SH	SOLE	0	23,300	0	0
ESSEX PPTY TR INC	COM	297178105	9,083	42,826	SH	SOLE	0	36,805	0	6,021
ETF SER SOLUTIONS	US GLB JETS	26922A842	2,638	154,900	SH	SOLE	0	154,900	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	5,941	198,700	SH	SOLE	0	198,700	0	0
ETON PHARMACEUTICALS INC	COM	29772L108	180	43,200	SH	SOLE	0	43,200	0	0
ETSY INC	COM	29786A106	33,756	522,700	SH	SOLE	0	522,700	0	0
EURODRY LTD	COM	Y23508107	488	31,800	SH	SOLE	0	31,800	0	0
EURONAV NV	SHS	B38564108	12,773	777,434	SH	SOLE	0	777,434	0	0
EURONET WORLDWIDE INC	COM	298736109	262	3,300	SH	SOLE	0	3,300	0	0
EUROPEAN WAX CTR INC	CLASS A COM	29882P106	405	25,000	SH	SOLE	0	25,000	0	0
EUROSEAS LTD	SHS	Y23592135	1,553	58,264	SH	SOLE	0	58,264	0	0
EVENTBRITE INC	COM CL A	29975E109	12,991	1,317,544	SH	SOLE	0	1,317,544	0	0
EVERBRIDGE INC	COM	29978A104	2,022	90,200	SH	SOLE	0	90,200	0	0
EVERCORE INC	CLASS A	29977A105	9,238	67,000	SH	SOLE	0	67,000	0	0
EVEREST GROUP LTD	COM	G3223R108	966	2,600	SH	SOLE	0	2,600	0	0
EVERGY INC	COM	30034W106	15,322	302,202	SH	SOLE	0	302,202	0	0
EVERI HLDGS INC	COM	30034T103	11,727	887,100	SH	SOLE	0	887,100	0	0
EVERQUOTE INC	COM CL A	30041R108	1,278	176,743	SH	SOLE	0	176,743	0	0
EVERSPIN TECHNOLOGIES INC	COM	30041T104	2,500	254,306	SH	SOLE	0	254,306	0	0
EVERTEC INC	COM	30040P103	36,501	981,726	SH	SOLE	0	981,726	0	0

EOGENE LTD	SHS	M4119S104	27	45,400	SH	SOLE	0	45,400	0	0
EVOLUS INC	COM	30052C107	154	16,900	SH	SOLE	0	16,900	0	0
EVOLUTION PETE CORP	COM	30049A107	10,223	1,494,597	SH	SOLE	0	1,494,597	0	0
EVOLV TECHNOLOGIES HLDNGS IN	COM CL A	30049H102	823	169,271	SH	SOLE	0	169,271	0	0
EXACT SCIENCES CORP	COM	30063P105	87,853	1,287,785	SH	SOLE	0	1,287,785	0	0
EXCELERATE ENERGY INC	CL A COM	30069T101	2,445	143,500	SH	SOLE	0	143,500	0	0
EXELIXIS INC	COM	30161Q104	332,490	15,216,916	SH	SOLE	0	15,216,916	0	0
EXICURE INC	COM NEW	30205M200	42	58,000	SH	SOLE	0	58,000	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	8,922	318,200	SH	SOLE	0	318,200	0	0
EXPEDIA GROUP INC	COM NEW	30212P303	546	5,293	SH	SOLE	0	5,293	0	0
EXPENSIFY INC	COM CL A	30219Q106	2,630	809,300	SH	SOLE	0	809,300	0	0
EXPONENT INC	COM	30214U102	1,121	13,100	SH	SOLE	0	13,100	0	0
EXPRESS INC	COM NEW	30219E202	276	30,685	SH	SOLE	0	30,685	0	0
EXPRO GROUP HOLDINGS NV	COM	N3144W105	2,261	97,350	SH	SOLE	0	0	0	97,350
EXP WORLD HLDGS INC	COM	30212W100	26,803	1,650,416	SH	SOLE	0	1,650,416	0	0
EXSCIENTIA PLC	ADS	30223G102	262	58,000	SH	SOLE	0	58,000	0	0
EXTREME NETWORKS	COM	30226D106	66,227	2,735,516	SH	SOLE	0	2,735,516	0	0
EXXON MOBIL CORP	COM	30231G102	267	2,277	SH	SOLE	0	2,277	0	0
EYENOVIA INC	COM	30234E104	714	430,171	SH	SOLE	0	430,171	0	0
EZCORP INC	CL A NON VTG	302301106	15,461	1,874,064	SH	SOLE	0	1,874,064	0	0
EZFILL HOLDINGS INC	COM	302314307	31	11,706	SH	SOLE	0	11,706	0	0
F5 INC	COM	315616102	130,375	809,076	SH	SOLE	0	809,076	0	0
FABRINET	SHS	G3323L100	20,861	125,200	SH	SOLE	0	122,305	0	2,895
FAIR ISAAC CORP	COM	303250104	12,116	13,950	SH	SOLE	0	11,063	0	2,887
FARMER BROS CO	COM	307675108	1,359	526,900	SH	SOLE	0	526,900	0	0
FARMERS NATIONAL BANC CORP	COM	309627107	1,136	98,284	SH	SOLE	0	98,284	0	0
FARMLAND PARTNERS INC	COM	31154R109	556	54,200	SH	SOLE	0	54,200	0	0
FARMMI INC	SHS NEW	G33277131	26	16,480	SH	SOLE	0	16,480	0	0
FARO TECHNOLOGIES INC	COM	311642102	1,091	71,642	SH	SOLE	0	71,642	0	0
FASTENAL CO	COM	311900104	26,658	487,888	SH	SOLE	0	435,971	0	51,917
FASTLY INC	CL A	31188V100	10,181	531,100	SH	SOLE	0	531,100	0	0
FATE THERAPEUTICS INC	COM	31189P102	232	109,219	SH	SOLE	0	109,219	0	0
FATHOM HOLDINGS INC	COM	31189V109	142	34,700	SH	SOLE	0	34,700	0	0
FB FINL CORP	COM	30257X104	1,686	59,462	SH	SOLE	0	59,462	0	0
FEDERAL AGRIC MTG CORP	CL C	313148306	10,045	65,100	SH	SOLE	0	65,100	0	0
FEDERAL SIGNAL CORP	COM	313855108	1,069	17,900	SH	SOLE	0	17,900	0	0
FEDERATED HERMES INC	CL B	314211103	596	17,600	SH	SOLE	0	17,600	0	0
FEDEX CORP	COM	31428X106	65,254	246,317	SH	SOLE	0	136,086	0	110,231
FEMASYS INC	COM	31447E105	206	69,126	SH	SOLE	0	69,126	0	0
FERGUSON PLC NEW	SHS	G3421J106	71,364	433,900	SH	SOLE	0	383,272	0	50,628
FERRARI N V	COM	N3167Y103	43,415	146,900	SH	SOLE	0	0	0	146,900
FERROGLOBE PLC	SHS	G33856108	18,595	3,575,894	SH	SOLE	0	3,575,894	0	0
F&G ANNUITIES & LIFE INC	COMMON STOCK	30190A104	1,347	48,000	SH	SOLE	0	48,000	0	0
FG FINANCIAL GROUP INC	COM	30329Y106	62	44,267	SH	SOLE	0	44,267	0	0
FG GROUP HOLDINGS INC	COM	302462106	880	523,830	SH	SOLE	0	522,588	0	1,242
FIBROGEN INC	COM	31572Q808	48	56,000	SH	SOLE	0	56,000	0	0
FIDELIS INSURANCE HOLDINGS L	COM	G3398L118	1,762	120,000	SH	SOLE	0	120,000	0	0
FIDELITY COMWLTH TR	NASDAQ COMPSIT	315912808	621	11,946	SH	SOLE	0	11,946	0	0
FIDELITY COVINGTON TRUST	MSCI ENERGY IDX	316092402	702	28,200	SH	SOLE	0	28,200	0	0
FIDELITY D & D BANCORP INC	COM	31609R100	395	8,700	SH	SOLE	0	8,700	0	0
FIDELITY NATL INFORMATION SV	COM	31620M106	25,631	463,742	SH	SOLE	0	463,742	0	0
FIESTA RESTAURANT GROUP INC	COM	31660B101	1,623	191,800	SH	SOLE	0	191,800	0	0
FIGS INC	CL A	30260D103	3,563	603,918	SH	SOLE	0	603,918	0	0
FINANCE OF AMERICA COMPAN	COM CL A	31738L107	163	127,100	SH	SOLE	0	127,100	0	0
FINANCIAL INSTNS INC	COM	317585404	5,956	353,900	SH	SOLE	0	328,532	0	25,368
FINVOLUTION GROUP	SPONSORED ADS	31810T101	468	93,900	SH	SOLE	0	93,900	0	0
FINWISE BANCORP	COM	31813A109	137	15,900	SH	SOLE	0	15,900	0	0

FIRST ADVANTAGE CORP NEW	COM	31846B108	2,969	215,300	SH	SOLE	0	215,300	0	0
FIRST AMERN FINL CORP	COM	31847R102	4,485	79,400	SH	SOLE	0	79,400	0	0
FIRST BANCORP INC ME	COM	31866P102	2,772	117,963	SH	SOLE	0	117,963	0	0
FIRST BANCORP N C	COM	318910106	431	15,331	SH	SOLE	0	15,331	0	0
FIRST BK WILLIAMSTOWN NEW JE	COM	31931U102	585	54,288	SH	SOLE	0	54,288	0	0
FIRST BUSEY CORP	COM NEW	319383204	6,929	360,531	SH	SOLE	0	360,531	0	0
FIRST BUSINESS FINL SVCS INC	COM	319390100	4,590	152,965	SH	SOLE	0	152,965	0	0
FIRSTCASH HOLDINGS INC	COM	33768G107	10,966	109,241	SH	SOLE	0	109,241	0	0
FIRST CMNTY BANKSHARES INC V	COM	31983A103	2,038	69,194	SH	SOLE	0	69,194	0	0
FIRST CMNTY CORP S C	COM	319835104	1,141	66,069	SH	SOLE	0	66,069	0	0
FIRST FINANCIAL NORTHWEST IN	COM	32022K102	6,291	494,601	SH	SOLE	0	494,601	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	987	39,308	SH	SOLE	0	39,308	0	0
FIRST FINL CORP IND	COM	320218100	4,499	133,059	SH	SOLE	0	133,059	0	0
FIRST GTY BANCSHARES INC	COM	32043P106	137	12,483	SH	SOLE	0	12,483	0	0
FIRST HAWAIIAN INC	COM	32051X108	3,408	188,788	SH	SOLE	0	188,788	0	0
FIRST HORIZON CORPORATION	COM	320517105	24,909	2,260,311	SH	SOLE	0	2,260,311	0	0
FIRST INDL RLTY TR INC	COM	32054K103	3,203	67,300	SH	SOLE	0	67,300	0	0
FIRST INTERNET BANCORP	COM	320557101	613	37,789	SH	SOLE	0	37,789	0	0
FIRST INTST BANCSYSTEM INC	COM	32055Y201	212	8,498	SH	SOLE	0	8,498	0	0
FIRST LONG IS CORP	COM	320734106	6,317	548,850	SH	SOLE	0	548,850	0	0
FIRST MAJESTIC SILVER CORP	COM	32076V103	2,651	516,838	SH	SOLE	0	516,838	0	0
FIRST MERCHANTS CORP	COM	320817109	960	34,520	SH	SOLE	0	34,520	0	0
FIRST MID ILL BANCSHARES INC	COM	320866106	297	11,200	SH	SOLE	0	11,200	0	0
FIRST NORTHWEST BANCORP	COM	335834107	3,783	308,305	SH	SOLE	0	308,305	0	0
FIRSTSERVICE CORP NEW	COM	33767E202	95,624	656,988	SH	SOLE	0	634,888	0	22,100
FIRST SVGS FINL GROUP INC	COM	33621E109	194	13,200	SH	SOLE	0	13,200	0	0
FIRST TR EXCHANGE TRADED FD	CLOUD COMPUTING	33734X192	281	3,700	SH	SOLE	0	3,700	0	0
FIRST TR EXCHANGE TRADED FD	CONSUMR DISCRE	33734X101	235	4,600	SH	SOLE	0	4,600	0	0
FIRST TR EXCHANGE-TRADED FD	DORSEY WRT 5 ETF	33738R605	917	20,700	SH	SOLE	0	20,700	0	0
FIRST TR EXCHANGE TRADED FD	ENERGY ALPHADX	33734X127	185	10,600	SH	SOLE	0	10,600	0	0
FIRST TR EXCHANGE-TRADED FD	FIRST TR ENH NEW	33739Q408	50,168	844,300	SH	SOLE	0	844,300	0	0
FIRST TR EXCHANGE-TRADED FD	FIRST TR TA HIYL	33738D408	3,044	77,599	SH	SOLE	0	77,599	0	0
FIRST TR EXCHANGE-TRADED FD	FST LOW OPPT EFT	33739Q200	9,031	191,176	SH	SOLE	0	191,176	0	0
FIRST TR EXCHANGE TRADED FD	HLTH CARE ALPH	33734X143	476	4,900	SH	SOLE	0	4,900	0	0
FIRST TR EXCHANGE TRADED FD	INDLS PROD DUR	33734X150	230	4,000	SH	SOLE	0	4,000	0	0
FIRST TR EXCHANGE-TRADED FD	NO AMER ENERGY	33738D101	1,945	73,600	SH	SOLE	0	73,600	0	0
FIRST TR EXCHANGE-TRADED FD	NY ARCA BIOTECH	33733E203	878	6,000	SH	SOLE	0	6,000	0	0
FIRST TR EXCHANGE-TRADED FD	SENIOR LN FD	33738D309	7,965	174,144	SH	SOLE	0	174,144	0	0
FIRST TR EXCHANGE-TRADED FD	SMID RISNG ETF	33741X102	432	15,300	SH	SOLE	0	15,300	0	0
FIRST TR EXCHANGE TRAD FD VI	FST TR GLB FD	33739H101	1,282	53,400	SH	SOLE	0	53,400	0	0
FIRST TR EXCHNG TRADED FD VI	CBOE VEST US EQ	33740F755	1,560	63,714	SH	SOLE	0	63,714	0	0
FIRST TR EXCH TRADED FD III	INSTL PFD SECS	33739P855	1,511	89,538	SH	SOLE	0	89,538	0	0
FIRST TR EXCH TRADED FD III	PFD SECS INC ETF	33739E108	6,112	382,695	SH	SOLE	0	382,695	0	0
FIRST TR NAS100 EQ WEIGHTED	SHS	337344105	582	5,600	SH	SOLE	0	5,600	0	0
FIRST US BANCSHARES INC	COM	33744V103	887	103,721	SH	SOLE	0	103,721	0	0
FIRST UTD CORP	COM	33741H107	912	56,195	SH	SOLE	0	56,195	0	0
FIRST WATCH RESTAURANT GROUP	COM	33748L101	2,300	133,000	SH	SOLE	0	133,000	0	0
FIRST WESTN FINL INC	COM	33751L105	250	13,800	SH	SOLE	0	13,800	0	0
FISERV INC	COM	337738108	75,460	668,027	SH	SOLE	0	634,822	0	33,205
FIVE9 INC	COM	338307101	669	10,400	SH	SOLE	0	9,400	0	1,000
FIVE BELOW INC	COM	33829M101	692	4,300	SH	SOLE	0	4,300	0	0
FIVE POINT HOLDINGS LLC	COM CL A	33833Q106	243	81,700	SH	SOLE	0	79,441	0	2,259
FIVERR INTL LTD	ORD SHS	M4R82T106	8,002	327,000	SH	SOLE	0	327,000	0	0
FIVE STAR BANCORP	COM	33830T103	275	13,700	SH	SOLE	0	13,700	0	0
FLANIGANS ENTERPRISES INC	COM	338517105	1,577	47,799	SH	SOLE	0	43,699	0	4,100
FLEXIBLE SOLUTIONS INTL INC	COM	33938T104	1,034	380,245	SH	SOLE	0	350,297	0	29,948
FLEX LNG LTD	SHS	G35947202	4,493	148,982	SH	SOLE	0	145,600	0	3,382

FLEX LTD	ORD	Y2573F102	6,141	227,598	SH	SOLE	0	227,598	0	0
FLEXSHARES TR	HIG YLD VL ETF	33939L662	1,960	49,300	SH	SOLE	0	49,300	0	0
FLEXSHARES TR	STOXX GLOBR INF	33939L795	322	6,647	SH	SOLE	0	6,647	0	0
FLEXSHOPPER INC	COM NEW	33939J303	159	152,124	SH	SOLE	0	152,124	0	0
FLEXSTEEL INDS INC	COM	339382103	3,086	148,647	SH	SOLE	0	148,647	0	0
FLOOR & DECOR HLDGS INC	CL A	339750101	11,475	126,800	SH	SOLE	0	126,800	0	0
FLORA GROWTH CORP	COM	339764201	46	39,913	SH	SOLE	0	39,913	0	0
FLOWERS FOODS INC	COM	343498101	120,444	5,430,285	SH	SOLE	0	5,430,285	0	0
FLUENT INC	COM	34380C102	16	36,000	SH	SOLE	0	36,000	0	0
FLUOR CORP NEW	COM	343412102	32,718	891,488	SH	SOLE	0	884,265	0	7,223
FLUSHING FINL CORP	COM	343873105	3,921	298,600	SH	SOLE	0	298,600	0	0
FLYWIRE CORPORATION	COM VTG	302492103	11,563	362,589	SH	SOLE	0	362,589	0	0
FMC CORP	COM NEW	302491303	29,340	438,100	SH	SOLE	0	438,100	0	0
FNCB BANCORP INC	COM	302578109	76	12,726	SH	SOLE	0	12,726	0	0
FOCUS UNVL INC	COM	34417J104	80	41,200	SH	SOLE	0	41,200	0	0
FONAR CORP	COM NEW	344437405	4,742	307,916	SH	SOLE	0	303,978	0	3,938
FORD MTR CO DEL	COM	345370860	338,494	27,253,909	SH	SOLE	0	19,986,787	0	7,267,122
FORESIGHT AUTONOMOUS HLDGS L	SPONSORED ADR	345523203	26	12,654	SH	SOLE	0	12,654	0	0
FORESTAR GROUP INC	COM	346232101	4,240	157,380	SH	SOLE	0	157,380	0	0
FORIAN INC	COM	34630N106	36	16,200	SH	SOLE	0	16,200	0	0
FORRESTER RESH INC	COM	346563109	17,730	613,506	SH	SOLE	0	613,506	0	0
FORTE BIOSCIENCES INC	COM	34962G109	84	126,900	SH	SOLE	0	126,900	0	0
FORTINET INC	COM	34959E109	303,466	5,171,545	SH	SOLE	0	5,171,545	0	0
FORTIS INC	COM	349553107	81,501	2,145,278	SH	SOLE	0	2,121,352	0	23,926
FORTREA HLDGS INC	COMMON STOCK	34965K107	792	27,700	SH	SOLE	0	27,700	0	0
FORTRESS BIOTECH INC	COM	34960Q109	94	323,627	SH	SOLE	0	323,627	0	0
FORTUNA SILVER MINES INC	COM	349915108	5,507	2,024,400	SH	SOLE	0	1,999,700	0	24,700
FORUM ENERGY TECHNOLOGIES IN	COM	34984V209	1,253	52,175	SH	SOLE	0	52,175	0	0
FORWARD INDS INC N Y	COM NEW	349862300	407	534,740	SH	SOLE	0	534,740	0	0
FOSSIL GROUP INC	COM	34988V106	3,097	1,503,285	SH	SOLE	0	1,503,285	0	0
FOSTER L B CO	COM	350060109	7,303	386,182	SH	SOLE	0	380,415	0	5,767
FOUR CORNERS PPTY TR INC	COM	35086T109	428	19,300	SH	SOLE	0	19,300	0	0
FOX CORP	CL A COM	35137L105	27,315	875,492	SH	SOLE	0	875,492	0	0
FOX CORP	CL B COM	35137L204	17,154	593,973	SH	SOLE	0	593,973	0	0
FRANCO NEV CORP	COM	351858105	446,810	3,347,138	SH	SOLE	0	3,346,638	0	500
FRANKLIN BSP RLTY TR INC	COMMON STOCK	35243J101	5,025	379,500	SH	SOLE	0	379,500	0	0
FRANKLIN COVEY CO	COM	353469109	9,271	216,003	SH	SOLE	0	213,631	0	2,372
FRANKLIN ELEC INC	COM	353514102	5,140	57,600	SH	SOLE	0	57,600	0	0
FRANKLIN STR PPTYS CORP	COM	35471R106	1,438	777,288	SH	SOLE	0	620,401	0	156,887
FRANKLIN WIRELESS CORP	COM	355184102	72	22,600	SH	SOLE	0	17,319	0	5,281
FREEDOM HLDG CORP NEV	COM	356390104	6,777	80,000	SH	SOLE	0	80,000	0	0
FREELINE THERAPEUTICS HLDGS	SPONSORED ADS	35655L206	113	26,360	SH	SOLE	0	26,360	0	0
FREEMONT-MCMORAN INC	CL B	35671D857	21,691	581,671	SH	SOLE	0	581,671	0	0
FREQUENCY ELECTRS INC	COM	358010106	1,432	206,370	SH	SOLE	0	206,370	0	0
FREQUENCY THERAPEUTICS INC	COM	35803L108	160	431,700	SH	SOLE	0	431,700	0	0
FRESENIUS MED CARE AG&CO KGA	SPONSORED ADR	358029106	306	14,200	SH	SOLE	0	0	0	14,200
FRESH DEL MONTE PRODUCE INC	ORD	G36738105	4,486	173,600	SH	SOLE	0	173,600	0	0
FRESHWORKS INC	CLASS A COM	358054104	33,380	1,675,700	SH	SOLE	0	1,675,700	0	0
FRIEDMAN INDS INC	COM	358435105	5,045	376,524	SH	SOLE	0	373,866	0	2,658
FRONTDOOR INC	COM	35905A109	47,348	1,547,814	SH	SOLE	0	1,547,814	0	0
FRONTIER GROUP HLDGS INC	COM	35909R108	2,664	550,400	SH	SOLE	0	550,400	0	0
FRONTLINE PLC	COM	M46528101	26,565	1,417,598	SH	SOLE	0	1,236,000	0	181,598
FRP HLDGS INC	COM	30292L107	858	15,900	SH	SOLE	0	15,900	0	0
FS BANCORP INC	COM	30263Y104	3,018	102,304	SH	SOLE	0	102,304	0	0
FSD PHARMA INC	CL B SUB VTG	35954B206	83	68,600	SH	SOLE	0	68,600	0	0
FTAI INFRASTRUCTURE INC	COMMON STOCK	35953C106	996	309,300	SH	SOLE	0	309,300	0	0
FUBOTV INC	COM	35953D104	2,911	1,090,351	SH	SOLE	0	1,090,351	0	0

FUEL TECH INC	COM	359523107	951	806,316	SH	SOLE	0	747,846	0	58,470
FULCRUM THERAPEUTICS INC	COM	359616109	234	52,734	SH	SOLE	0	52,734	0	0
FULGENT GENETICS INC	COM	359664109	1,730	64,700	SH	SOLE	0	64,700	0	0
FULLER H B CO	COM	359694106	3,801	55,400	SH	SOLE	0	55,400	0	0
FULL HSE RESORTS INC	COM	359678109	3,056	715,590	SH	SOLE	0	715,590	0	0
FULTON FINL CORP PA	COM	360271100	702	57,945	SH	SOLE	0	54,070	0	3,875
FURY GOLD MINES LIMITED	COM	36117T100	50	145,102	SH	SOLE	0	145,102	0	0
FUSION FUEL GREEN PLC	CL A	G3R25D118	23	24,900	SH	SOLE	0	24,900	0	0
FUTU HLDGS LTD	SPON ADS CL A	36118L106	1,069	18,500	SH	SOLE	0	18,500	0	0
FUTUREFUEL CORP	COM	36116M106	10,379	1,447,600	SH	SOLE	0	1,447,600	0	0
FVCBANKCORP INC	COM	36120Q101	396	30,875	SH	SOLE	0	30,875	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	683	474,080	SH	SOLE	0	474,080	0	0
GAIA INC NEW	CL A	36269P104	529	194,600	SH	SOLE	0	194,600	0	0
GAIN THERAPEUTICS INC	COM	36269B105	154	46,900	SH	SOLE	0	46,900	0	0
GALAPAGOS NV	SPON ADR	36315X101	9,736	281,800	SH	SOLE	0	281,800	0	0
GALECTO INC	COM	36322Q107	148	205,100	SH	SOLE	0	205,100	0	0
GALIANO GOLD INC	COM	36352H100	1,668	2,833,253	SH	SOLE	0	2,485,366	0	347,887
GAMBLING COM GROUP LIMITED	ORDINARY SHARES	G3R239101	3,392	259,300	SH	SOLE	0	259,300	0	0
GAN LTD	SHS	G3728V109	553	476,417	SH	SOLE	0	476,417	0	0
GANNETT CO INC	COM	36472T109	2,469	1,007,650	SH	SOLE	0	1,007,650	0	0
GAOTU TECHEDU INC	SPONSORED ADS	36257Y109	9,264	3,356,683	SH	SOLE	0	2,833,200	0	523,483
GARRETT MOTION INC	COM	366505105	4,715	598,300	SH	SOLE	0	598,300	0	0
GATES INDL CORP PLC	ORD SHS	G39108108	5,148	443,400	SH	SOLE	0	443,400	0	0
GCM GROSVENOR INC	COM CL A	36831E108	2,997	386,200	SH	SOLE	0	386,200	0	0
GDS HLDGS LTD	SPONSORED ADS	36165L108	153	14,000	SH	SOLE	0	14,000	0	0
GEE GROUP INC	COM	36165A102	569	961,700	SH	SOLE	0	958,946	0	2,754
GE HEALTHCARE TECHNOLOGIES I	COMMON STOCK	36266G107	1,402	20,600	SH	SOLE	0	20,600	0	0
GENASYS INC	COM	36872P103	326	162,136	SH	SOLE	0	162,136	0	0
GENCOR INDS INC	COM	368678108	5,349	378,540	SH	SOLE	0	378,540	0	0
GENCO SHIPPING & TRADING LTD	SHS	Y2685T131	6,349	453,800	SH	SOLE	0	453,800	0	0
GEN DIGITAL INC	COM	668771108	20,883	1,181,138	SH	SOLE	0	1,100,386	0	80,752
GENERAL ELECTRIC CO	COM NEW	369604301	228,083	2,063,165	SH	SOLE	0	1,905,143	0	158,022
GENERAL MLS INC	COM	370334104	223,895	3,498,905	SH	SOLE	0	3,486,419	0	12,486
GENERAL MTRS CO	COM	37045V100	229,158	6,950,500	SH	SOLE	0	6,118,550	0	831,950
GENERATION BIO CO	COM	37148K100	1,193	314,800	SH	SOLE	0	314,800	0	0
GENESCO INC	COM	371532102	746	24,200	SH	SOLE	0	24,200	0	0
GENETRON HLDGS LTD	ADS	37186H100	124	152,100	SH	SOLE	0	152,100	0	0
GENIE ENERGY LTD	CL B	372284208	8,446	573,385	SH	SOLE	0	573,385	0	0
GENIUS SPORTS LIMITED	SHARES CL A	G3934V109	3,310	621,100	SH	SOLE	0	621,100	0	0
GENMAB A/S	SPONSORED ADS	372303206	41,407	1,174,000	SH	SOLE	0	1,174,000	0	0
GENTEX CORP	COM	371901109	28,115	864,023	SH	SOLE	0	864,023	0	0
GENTHERM INC	COM	37253A103	3,123	57,564	SH	SOLE	0	57,564	0	0
GENUINE PARTS CO	COM	372460105	20,892	144,700	SH	SOLE	0	144,700	0	0
GENWORTH FINL INC	COM CL A	37247D106	239	40,800	SH	SOLE	0	40,800	0	0
GEO GROUP INC NEW	COM	36162J106	1,633	199,627	SH	SOLE	0	199,627	0	0
GEOPARK LTD	USD SHS	G38327105	34,425	3,348,763	SH	SOLE	0	3,333,573	0	15,190
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	246	19,000	SH	SOLE	0	19,000	0	0
GERDAU SA	SPON ADR REP PFD	373737105	8,875	1,860,495	SH	SOLE	0	1,860,495	0	0
GERMAN AMERN BANCORP INC	COM	373865104	1,979	73,048	SH	SOLE	0	73,048	0	0
GETTY RLTG CORP NEW	COM	374297109	21,240	765,966	SH	SOLE	0	765,966	0	0
GFL ENVIRONMENTAL INC	SUB VTG SHS	36168Q104	1,212	38,100	SH	SOLE	0	10,000	0	28,100
GH RESEARCH PLC	ORDINARY SHARES	G3855L106	446	44,400	SH	SOLE	0	44,400	0	0
GIBRALTAR INDS INC	COM	374689107	11,875	175,900	SH	SOLE	0	175,900	0	0
GIGACLOUD TECHNOLOGY INC	CLASS A ORD	G38644103	912	103,500	SH	SOLE	0	103,500	0	0
G III APPAREL GROUP LTD	COM	36237H101	1,852	74,303	SH	SOLE	0	74,303	0	0
GILAT SATELLITE NETWORKS LTD	SHS NEW	M51474118	6,127	952,933	SH	SOLE	0	952,933	0	0
GILDAN ACTIVEWEAR INC	COM	375916103	1,356	48,400	SH	SOLE	0	38,800	0	9,600

GILEAD SCIENCES INC	COM	375558103	482,867	6,443,384	SH	SOLE	0	6,443,384	0	0
GITLAB INC	CLASS A COM	37637K108	17,961	397,185	SH	SOLE	0	336,004	0	61,181
GLADSTONE COMMERCIAL CORP	COM	376536108	17,196	1,414,120	SH	SOLE	0	1,414,120	0	0
GLADSTONE LD CORP	COM	376549101	1,158	81,400	SH	SOLE	0	81,400	0	0
GLATFELTER CORPORATION	COM	377320106	124	61,900	SH	SOLE	0	61,900	0	0
GLAUKOS CORP	COM	377322102	3,273	43,492	SH	SOLE	0	43,492	0	0
GLOBALFOUNDRIES INC	ORDINARY SHARES	G39387108	2,752	47,300	SH	SOLE	0	47,300	0	0
GLOBAL INDEMNITY GROUP LLC	COM CL A	37959R103	330	9,614	SH	SOLE	0	0	0	9,614
GLOBAL INDUSTRIAL COMPANY	COM	37892E102	12,464	372,074	SH	SOLE	0	348,307	0	23,767
GLOBAL MED REIT INC	COM NEW	37954A204	954	106,400	SH	SOLE	0	106,400	0	0
GLOBAL NET LEASE INC	COM NEW	379378201	251	26,118	SH	SOLE	0	26,118	0	0
GLOBAL SELF STORAGE INC	COM	37955N106	525	108,055	SH	SOLE	0	57,660	0	50,395
GLOBALSTAR INC	COM	378973408	1,873	1,429,929	SH	SOLE	0	1,429,929	0	0
GLOBAL WTR RES INC	COM	379463102	2,731	280,147	SH	SOLE	0	256,405	0	23,742
GLOBAL X FDS	CLOUD COMPUTNG	37954Y442	405	21,500	SH	SOLE	0	21,500	0	0
GLOBAL X FDS	GLBL X MLP ETF	37954Y343	2,288	51,309	SH	SOLE	0	51,309	0	0
GLOBAL X FDS	GLB X MLP ENRG I	37954Y293	538	12,694	SH	SOLE	0	12,694	0	0
GLOBAL X FDS	S&P 500 COVERED	37954Y475	762	19,600	SH	SOLE	0	19,600	0	0
GLOBAL X FDS	US INFR DEV ETF	37954Y673	210	6,900	SH	SOLE	0	6,900	0	0
GLOBE LIFE INC	COM	37959E102	9,884	90,900	SH	SOLE	0	90,900	0	0
GLOBUS MED INC	CL A	379577208	7,870	158,518	SH	SOLE	0	158,518	0	0
GLYCOMIMETICS INC	COM	38000Q102	302	201,107	SH	SOLE	0	201,107	0	0
GMS INC	COM	36251C103	8,278	129,400	SH	SOLE	0	129,400	0	0
GOGO INC	COM	38046C109	5,561	466,145	SH	SOLE	0	466,145	0	0
GOHEALTH INC	CL A NEW	38046W204	201	13,872	SH	SOLE	0	13,872	0	0
GOLAR LNG LTD	SHS	G9456A100	9,127	376,204	SH	SOLE	0	376,204	0	0
GOLDEN ENTMT INC	COM	381013101	234	6,850	SH	SOLE	0	6,850	0	0
GOLDEN MATRIX GROUP INC	COM	381098300	31	10,500	SH	SOLE	0	10,500	0	0
GOLDEN OCEAN GROUP LTD	SHS NEW	G39637205	3,343	424,269	SH	SOLE	0	424,269	0	0
GOLD FIELDS LTD	SPONSORED ADR	38059T106	59,059	5,438,219	SH	SOLE	0	5,438,219	0	0
GOLDMAN SACHS ETF TR	ACCES TREASURY	381430529	50,475	504,200	SH	SOLE	0	504,200	0	0
GOLDMAN SACHS ETF TR	ACTIVEBETA EME	381430206	318	11,100	SH	SOLE	0	11,100	0	0
GOLDMAN SACHS ETF TR	ACTIVEBETA US LG	381430503	438	5,195	SH	SOLE	0	5,195	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	29,941	92,534	SH	SOLE	0	70,891	0	21,643
GOLD RESOURCE CORP	COM	38068T105	636	1,485,703	SH	SOLE	0	1,485,703	0	0
GOLD ROYALTY CORP	COMMON SHARES	38071H106	1,299	1,014,480	SH	SOLE	0	566,368	0	448,112
GOL LINHAS AEREAS INTELIGENT	SPON ADR PFD NEW	38045R206	858	313,100	SH	SOLE	0	313,100	0	0
GOODRX HLDGS INC	COM CL A	38246G108	15,416	2,738,138	SH	SOLE	0	2,738,138	0	0
GOOD TIMES RESTAURANTS INC	COM NEW	382140879	868	291,283	SH	SOLE	0	285,011	0	6,272
GOPRO INC	CL A	38268T103	3,021	962,100	SH	SOLE	0	962,100	0	0
GORMAN RUPP CO	COM	383082104	3,349	101,800	SH	SOLE	0	101,800	0	0
GRAB HOLDINGS LIMITED	CLASS A ORD	G4124C109	12,989	3,669,300	SH	SOLE	0	0	0	3,669,300
GRACELL BIOTECHNOLOGIES INC	SPONSORED ADS	38406L103	134	46,600	SH	SOLE	0	46,600	0	0
GRACO INC	COM	384109104	3,046	41,800	SH	SOLE	0	41,800	0	0
GRAHAM CORP	COM	384556106	6,654	400,868	SH	SOLE	0	374,134	0	26,734
GRAHAM HLDGS CO	COM CL B	384637104	1,166	2,000	SH	SOLE	0	2,000	0	0
GRAINGER W W INC	COM	384802104	70,429	101,800	SH	SOLE	0	62,244	0	39,556
GRAND CANYON ED INC	COM	38526M106	18,362	157,102	SH	SOLE	0	157,102	0	0
GRANITE PT MTG TR INC	COM STK	38741L107	806	165,100	SH	SOLE	0	165,100	0	0
GRANITE REAL ESTATE INVNT TR	UNIT 99/99/9999	387437114	4,768	89,800	SH	SOLE	0	51,500	0	38,300
GRANITE RIDGE RESOURCES INC	COM	387432107	1,064	174,496	SH	SOLE	0	174,496	0	0
GRAN TIERRA ENERGY INC	COM	38500T200	4,915	708,180	SH	SOLE	0	708,180	0	0
GRAPHITE BIO INC	COM	38870X104	656	264,400	SH	SOLE	0	264,400	0	0
GRAY TELEVISION INC	CL A	389375205	114	15,200	SH	SOLE	0	15,200	0	0
GRAY TELEVISION INC	COM	389375106	838	121,150	SH	SOLE	0	121,150	0	0
GREAT ELM GROUP INC	COM NEW	39037G109	1,491	696,676	SH	SOLE	0	693,550	0	3,126
GREAT LAKES DREDGE & DOCK CO	COM	390607109	4,863	610,201	SH	SOLE	0	610,201	0	0

GREAT SOUTHN BANCORP INC	COM	390905107	11,879	247,900	SH	SOLE	0	247,900	0	0
GREEN BRICK PARTNERS INC	COM	392709101	3,724	89,709	SH	SOLE	0	89,709	0	0
GREENBRIER COS INC	COM	393657101	3,224	80,600	SH	SOLE	0	75,483	0	5,117
GREENHILL & CO INC	COM	395259104	680	45,973	SH	SOLE	0	45,973	0	0
GREEN PLAINS INC	COM	393222104	473	15,700	SH	SOLE	0	15,700	0	0
GREENPOWER MTR CO INC	COM NEW	39540E302	49	15,600	SH	SOLE	0	15,600	0	0
GREENTREE HOSPITALITY GROUP	SPONSORED ADS	39579V100	1,302	298,589	SH	SOLE	0	298,589	0	0
GREENWICH LIFESCIENCES INC	COM	396879108	480	54,298	SH	SOLE	0	42,351	0	11,947
GREIF INC	CL A	397624107	2,011	30,100	SH	SOLE	0	30,100	0	0
GREIF INC	CL B	397624206	2,929	44,010	SH	SOLE	0	41,273	0	2,737
GRID DYNAMICS HLDGS INC	CL A	39813G109	1,946	159,800	SH	SOLE	0	159,800	0	0
GRIFFON CORP	COM	398433102	21,924	552,651	SH	SOLE	0	498,363	0	54,288
GROCERY OUTLET HLDG CORP	COM	39874R101	13,176	456,700	SH	SOLE	0	456,700	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	2,230	8,300	SH	SOLE	0	8,300	0	0
GRUPO AEROPORTUARIO DEL CENT	SPON ADR	400501102	19,337	222,500	SH	SOLE	0	222,500	0	0
GRUPO AEROPORTUARIO DEL SURE	SPON ADR SER B	40051E202	29,899	121,683	SH	SOLE	0	96,883	0	24,800
GRUPO AEROPUERTO DEL PACIFIC	SPON ADR B	400506101	94,529	575,100	SH	SOLE	0	575,100	0	0
GRUPO AVAL ACCIONES Y VALORE	SPONSORED ADS	40053W101	1,815	750,172	SH	SOLE	0	750,161	0	11
GRUPO FINANCIERO GALICIA S.A	SPONSORED ADR	399909100	758	58,080	SH	SOLE	0	0	0	58,080
GRUPO SIMEC SAB DE C V	ADR	400491106	7,209	223,545	SH	SOLE	0	223,545	0	0
GRUPO SUPERVIELLE S.A.	SPONSORED ADR	40054A108	1,209	544,701	SH	SOLE	0	0	0	544,701
GRUPO TELEVISA S A B	SPON ADR REP ORD	40049J206	1,848	606,000	SH	SOLE	0	0	0	606,000
GSE SYS INC	COM	36227K106	159	784,266	SH	SOLE	0	784,266	0	0
GSI TECHNOLOGY INC	COM	36241U106	1,285	474,050	SH	SOLE	0	474,050	0	0
GSK PLC	SPONSORED ADR	37733W204	105,560	2,911,993	SH	SOLE	0	2,861,415	0	50,578
GT BIOPHARMA INC	COM NEW	36254L209	16	66,700	SH	SOLE	0	66,700	0	0
GUARANTY BANCSHARES INC TEX	COM	400764106	1,163	40,529	SH	SOLE	0	40,529	0	0
GUARDION HEALTH SCIENCES INC	COM NEW	40145Q500	293	39,720	SH	SOLE	0	39,720	0	0
GUESS INC	COM	401617105	292	13,500	SH	SOLE	0	5,209	0	8,291
GUIDEWIRE SOFTWARE INC	COM	40171V100	8,793	97,700	SH	SOLE	0	92,837	0	4,863
GUILD HLDGS CO	CL A	40172N107	274	24,940	SH	SOLE	0	24,940	0	0
GULF IS FABRICATION INC	COM	402307102	2,033	621,624	SH	SOLE	0	569,845	0	51,779
GULFPORT ENERGY CORP	COMMON SHARES	402635502	5,126	43,200	SH	SOLE	0	43,200	0	0
GULF RES INC	COM	40251W408	356	190,292	SH	SOLE	0	190,292	0	0
G WILLI FOOD INTL LTD	ORD	M52523103	5,197	502,852	SH	SOLE	0	502,852	0	0
GXO LOGISTICS INCORPORATED	COMMON STOCK	36262G101	997	17,000	SH	SOLE	0	17,000	0	0
HACKETT GROUP INC	COM	404609109	25,516	1,081,646	SH	SOLE	0	1,081,646	0	0
HAEMONETICS CORP MASS	COM	405024100	12,747	142,300	SH	SOLE	0	142,300	0	0
HAGERTY INC	CL A COM	405166109	426	52,100	SH	SOLE	0	52,100	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	3,426	330,422	SH	SOLE	0	330,422	0	0
HALEON PLC	SPON ADS	405552100	26,194	3,144,524	SH	SOLE	0	3,144,524	0	0
HALLADOR ENERGY COMPANY	COM	40609P105	9,877	684,955	SH	SOLE	0	684,955	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	4,037	105,680	SH	SOLE	0	105,680	0	0
HANCOCK WHITNEY CORPORATION	COM	410120109	302	8,173	SH	SOLE	0	8,173	0	0
HANESBRANDS INC	COM	410345102	2,663	672,400	SH	SOLE	0	672,400	0	0
HANMI FINL CORP	COM NEW	410495204	3,517	216,680	SH	SOLE	0	216,680	0	0
HANOVER INS GROUP INC	COM	410867105	17,657	159,100	SH	SOLE	0	159,100	0	0
HARBORONE BANCORP INC NEW	COM NEW	41165Y100	2,732	286,946	SH	SOLE	0	286,946	0	0
HARMONIC INC	COM	413160102	1,869	194,127	SH	SOLE	0	194,127	0	0
HARMONY BIOSCIENCES HLDGS IN	COM	413197104	9,572	292,100	SH	SOLE	0	292,100	0	0
HARMONY GOLD MINING CO LTD	SPONSORED ADR	413216300	7,167	1,906,120	SH	SOLE	0	1,906,120	0	0
HARPOON THERAPEUTICS INC	COM NEW	41358P205	100	24,856	SH	SOLE	0	24,856	0	0
HARROW INC	COM	415858109	13,667	951,058	SH	SOLE	0	951,058	0	0
HARTE HANKS INC	COM	416196202	249	38,300	SH	SOLE	0	27,721	0	10,579
HARVARD BIOSCIENCE INC	COM	416906105	3,202	744,678	SH	SOLE	0	744,678	0	0
HASHICORP INC	COM CL A	418100103	19,100	836,600	SH	SOLE	0	836,600	0	0
HAVERTY FURNITURE COS INC	COM	419596101	24,089	837,006	SH	SOLE	0	837,006	0	0

HAWAIIAN ELEC INDUSTRIES	COM	419870100	13,447	1,092,400	SH	SOLE	0	1,092,400	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	1,865	294,700	SH	SOLE	0	294,700	0	0
HAWKINS INC	COM	420261109	5,661	96,198	SH	SOLE	0	96,198	0	0
HAYNES INTL INC	COM NEW	420877201	15,493	333,046	SH	SOLE	0	333,046	0	0
HCA HEALTHCARE INC	COM	40412C101	5,239	21,300	SH	SOLE	0	21,300	0	0
HCI GROUP INC	COM	40416E103	5,533	101,919	SH	SOLE	0	101,919	0	0
HEALTHCARE SVCS GROUP INC	COM	421906108	634	60,823	SH	SOLE	0	52,259	0	8,564
HEALTH CATALYST INC	COM	42225T107	1,614	159,469	SH	SOLE	0	159,469	0	0
HEALTHSTREAM INC	COM	42222N103	12,428	575,900	SH	SOLE	0	575,900	0	0
HEARTCORE ENTERPRISES INC	COM	42240Q104	118	119,194	SH	SOLE	0	33,705	0	85,489
HEARTLAND EXPRESS INC	COM	422347104	2,933	199,682	SH	SOLE	0	199,682	0	0
H & E EQUIPMENT SERVICES INC	COM	404030108	3,133	72,532	SH	SOLE	0	72,532	0	0
HEICO CORP NEW	CL A	422806208	26,361	204,004	SH	SOLE	0	204,004	0	0
HEICO CORP NEW	COM	422806109	14,363	88,700	SH	SOLE	0	88,700	0	0
HEIDRICK & STRUGGLES INTL IN	COM	422819102	27,513	1,099,640	SH	SOLE	0	1,057,726	0	41,914
HELEN OF TROY LTD	COM	G4388N106	14,944	128,210	SH	SOLE	0	128,210	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	631	11,375	SH	SOLE	0	11,375	0	0
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	3,882	347,527	SH	SOLE	0	347,527	0	0
HELLO GROUP INC	ADS	423403104	69,144	9,906,010	SH	SOLE	0	8,741,398	0	1,164,612
HELMERICH & PAYNE INC	COM	423452101	2,323	55,100	SH	SOLE	0	55,100	0	0
HENNESSY ADVISORS INC	COM	425885100	576	86,475	SH	SOLE	0	86,475	0	0
HENRY SCHEIN INC	COM	806407102	23,761	320,012	SH	SOLE	0	320,012	0	0
HERBALIFE LTD	COM SHS	G4412G101	84,677	6,052,701	SH	SOLE	0	6,035,696	0	17,005
HERITAGE COMM CORP	COM	426927109	1,267	149,627	SH	SOLE	0	149,627	0	0
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	6,580	145,100	SH	SOLE	0	145,100	0	0
HERITAGE FINL CORP WASH	COM	42722X106	3,678	225,489	SH	SOLE	0	225,489	0	0
HERITAGE GLOBAL INC	COM	42727E103	1,412	452,717	SH	SOLE	0	226,156	0	226,561
HERITAGE INSURANCE HLDGS INC	COM	42727J102	2,439	375,799	SH	SOLE	0	375,799	0	0
HERON THERAPEUTICS INC	COM	427746102	300	291,300	SH	SOLE	0	291,300	0	0
HERSHA HOSPITALITY TR	PR SHS BEN INT	427825500	2,550	258,600	SH	SOLE	0	258,600	0	0
HERSHEY CO	COM	427866108	500,995	2,503,975	SH	SOLE	0	2,461,960	0	42,015
HERTZ GLOBAL HLDGS INC	COM NEW	42806J700	5,813	474,500	SH	SOLE	0	474,500	0	0
HESS MIDSTREAM LP	CL A SHS	428103105	13,126	450,600	SH	SOLE	0	450,600	0	0
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	14,014	806,800	SH	SOLE	0	806,800	0	0
HEXCEL CORP NEW	COM	428291108	2,671	41,000	SH	SOLE	0	41,000	0	0
HF FOODS GROUP INC	COM	40417F109	208	52,500	SH	SOLE	0	52,500	0	0
HF SINCLAIR CORP	COM	403949100	4,929	86,582	SH	SOLE	0	86,582	0	0
HIGH TIDE INC	COM NEW	42981E401	115	62,200	SH	SOLE	0	62,200	0	0
HIGHWAY HLDGS LTD	ORD	G4481U106	391	197,715	SH	SOLE	0	197,715	0	0
HIGHWOODS PPTYS INC	COM	431284108	4,174	202,500	SH	SOLE	0	194,528	0	7,972
HILLMAN SOLUTIONS CORP	COM	431636109	710	86,029	SH	SOLE	0	86,029	0	0
HILLTOP HOLDINGS INC	COM	432748101	2,589	91,284	SH	SOLE	0	91,284	0	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	36,268	241,500	SH	SOLE	0	241,500	0	0
HIMAX TECHNOLOGIES INC	SPONSORED ADR	43289P106	1,180	202,000	SH	SOLE	0	202,000	0	0
HIMS & HERS HEALTH INC	COM CL A	433000106	8,395	1,334,600	SH	SOLE	0	1,334,600	0	0
HINGHAM INSTN SVGS MASS	COM	433323102	3,117	16,689	SH	SOLE	0	15,753	0	936
HIPPO HLDGS INC	COM NEW	433539202	770	96,604	SH	SOLE	0	96,604	0	0
HIRERIGHT HOLDINGS CORPORATI	COM	433537107	999	105,013	SH	SOLE	0	105,013	0	0
HIVE DIGITAL TECHNOLOGIES LT	COM NEW	433921103	120	39,020	SH	SOLE	0	39,020	0	0
HMN FINL INC	COM	40424G108	1,470	76,825	SH	SOLE	0	74,925	0	1,900
HNI CORP	COM	404251100	4,779	138,012	SH	SOLE	0	138,012	0	0
HOLLEY INC	COM	43538H103	1,210	242,500	SH	SOLE	0	242,500	0	0
HOLLYSYS AUTOMATION TCHNGY L	SHS	G45667105	17,558	884,970	SH	SOLE	0	884,970	0	0
HOLOGIC INC	COM	436440101	250,477	3,609,177	SH	SOLE	0	3,544,730	0	64,447
HOME BANCORP INC	COM	43689E107	3,438	107,873	SH	SOLE	0	107,873	0	0
HOME DEPOT INC	COM	437076102	6,557	21,700	SH	SOLE	0	21,700	0	0
HOMESTREET INC	COM	43785V102	655	84,100	SH	SOLE	0	84,100	0	0

HOMETRUST BANCSHARES INC	COM	437872104	11,559	533,415	SH	SOLE	0	533,415	0	0
HOMOLOGY MEDICINES INC	COM	438083107	211	180,000	SH	SOLE	0	180,000	0	0
HONDA MOTOR LTD	AMERN SHS	438128308	43,597	1,295,998	SH	SOLE	0	1,295,998	0	0
HONEST CO INC	COM	438333106	533	423,300	SH	SOLE	0	423,300	0	0
HOOKER FURNISHINGS CORPORATI	COM	439038100	1,529	78,600	SH	SOLE	0	78,600	0	0
HOOKIPA PHARMA INC	COM	43906K100	342	555,636	SH	SOLE	0	421,133	0	134,503
HOPE BANCORP INC	COM	43940T109	1,123	126,900	SH	SOLE	0	126,900	0	0
HORACE MANN EDUCATORS CORP N	COM	440327104	2,512	85,500	SH	SOLE	0	85,500	0	0
HORIZON BANCORP INC	COM	440407104	968	90,616	SH	SOLE	0	90,616	0	0
HORIZON THERAPEUTICS PUB L	SHS	G46188101	397,204	3,433,349	SH	SOLE	0	3,413,391	0	19,958
HORMEL FOODS CORP	COM	440452100	91,211	2,398,387	SH	SOLE	0	2,398,387	0	0
HOSTESS BRANDS INC	CL A	44109J106	37,854	1,136,410	SH	SOLE	0	1,136,410	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	63,082	3,925,465	SH	SOLE	0	3,925,465	0	0
HOVNANIAN ENTERPRISES INC	CL A NEW	442487401	20,710	203,715	SH	SOLE	0	203,715	0	0
HOWARD HUGHES HOLDINGS INC	COM	44267T102	786	10,600	SH	SOLE	0	10,600	0	0
HOWMET AEROSPACE INC	COM	443201108	31,686	685,100	SH	SOLE	0	685,100	0	0
HP INC	COM	40434L105	8,730	339,700	SH	SOLE	0	290,900	0	48,800
HSBC HLDGS PLC	SPON ADR NEW	404280406	56,240	1,425,243	SH	SOLE	0	1,425,243	0	0
HUBBELL INC	COM	443510607	56,006	178,700	SH	SOLE	0	139,518	0	39,182
HUB CYBER SECURITY LTD	ORD SHS	M6000J101	4	18,500	SH	SOLE	0	18,500	0	0
HUB GROUP INC	CL A	443320106	5,438	69,236	SH	SOLE	0	69,236	0	0
HUBSPOT INC	COM	443573100	89,721	182,174	SH	SOLE	0	159,106	0	23,068
HUDBAY MINERALS INC	COM	443628102	8,230	1,689,929	SH	SOLE	0	1,689,929	0	0
HUDSON GLOBAL INC	COM NEW	443787205	1,547	82,065	SH	SOLE	0	72,765	0	9,300
HUDSON PAC PPTYS INC	COM	444097109	2,969	446,407	SH	SOLE	0	446,407	0	0
HUDSON TECHNOLOGIES INC	COM	444144109	17,505	1,316,150	SH	SOLE	0	1,316,150	0	0
HUMACYTE INC	COM	44486Q103	315	107,500	SH	SOLE	0	107,500	0	0
HUMANA INC	COM	444859102	33,132	68,100	SH	SOLE	0	68,100	0	0
HUNTINGTON INGALLS INDS INC	COM	446413106	1,187	5,800	SH	SOLE	0	5,800	0	0
HUNTSMAN CORP	COM	447011107	1,042	42,700	SH	SOLE	0	42,700	0	0
HURCO CO	COM	447324104	1,630	72,682	SH	SOLE	0	66,821	0	5,861
HURON CONSULTING GROUP INC	COM	447462102	5,172	49,658	SH	SOLE	0	49,658	0	0
HUT 8 MNG CORP	COM	44812T102	321	163,100	SH	SOLE	0	36,600	0	126,500
HUTCHMED CHINA LTD	SPONSORED ADS	44842L103	881	52,000	SH	SOLE	0	52,000	0	0
HUYA INC	ADS REP SHS A	44852D108	5,078	1,788,100	SH	SOLE	0	1,788,100	0	0
H WORLD GROUP LTD	SPONSORED ADS	44332N106	20,141	510,800	SH	SOLE	0	510,800	0	0
HYATT HOTELS CORP	COM CL A	448579102	9,759	92,000	SH	SOLE	0	89,779	0	2,221
HYCROFT MINING HOLDING CORP	COM CL A	44862P109	70	234,800	SH	SOLE	0	234,800	0	0
HYDROFARM HLDGS GROUP INC	COM	44888K209	767	628,900	SH	SOLE	0	628,900	0	0
HYLIION HOLDINGS CORP	COMMON STOCK	449109107	1,450	1,229,100	SH	SOLE	0	1,229,100	0	0
HYSTER YALE MATLS HANDLING I	CL A	449172105	1,698	38,100	SH	SOLE	0	38,100	0	0
HYWIN HLDG LTD	ADS	44951X104	99	13,800	SH	SOLE	0	13,800	0	0
I3 VERTICALS INC	COM CL A	46571Y107	1,440	68,127	SH	SOLE	0	68,127	0	0
IAMGOLD CORP	COM	450913108	33,994	15,810,896	SH	SOLE	0	15,810,896	0	0
IBEX LTD	SHS NEW	G4690M101	756	48,900	SH	SOLE	0	48,900	0	0
ICAD INC	COM NEW	44934S206	717	339,803	SH	SOLE	0	339,803	0	0
ICF INTL INC	COM	44925C103	628	5,200	SH	SOLE	0	5,200	0	0
ICHOR HOLDINGS	SHS	G4740B105	743	24,004	SH	SOLE	0	22,404	0	1,600
ICICI BANK LIMITED	ADR	45104G104	47,646	2,060,800	SH	SOLE	0	2,060,800	0	0
ICL GROUP LTD	SHS	M53213100	7,184	1,294,386	SH	SOLE	0	1,294,386	0	0
ICLICK INTERACTIVE ASIA GROU	SPON ADS NEW	45113Y203	67	38,143	SH	SOLE	0	38,143	0	0
ICON PLC	SHS	G4705A100	124,371	505,058	SH	SOLE	0	505,058	0	0
IDACORP INC	COM	451107106	8,503	90,799	SH	SOLE	0	90,799	0	0
IDENTIV INC	COM NEW	45170X205	1,160	137,482	SH	SOLE	0	137,482	0	0
IDEX CORP	COM	45167R104	51,906	249,525	SH	SOLE	0	249,525	0	0
IDEXX LABS INC	COM	45168D104	54,573	124,804	SH	SOLE	0	124,804	0	0
IDT CORP	CL B NEW	448947507	22,756	1,031,997	SH	SOLE	0	1,031,997	0	0

IES HLDGS INC	COM	44951W106	11,971	181,732	SH	SOLE	0	181,732	0	0
IGC PHARMA INC	COM NEW	45408X308	31	86,902	SH	SOLE	0	86,902	0	0
IGM BIOSCIENCES INC	COM	449585108	759	90,900	SH	SOLE	0	90,900	0	0
IHEARTMEDIA INC	COM CL A	45174J509	1,653	523,227	SH	SOLE	0	523,227	0	0
IHS HOLDING LIMITED	ORD SHS	G4701H109	1,595	287,300	SH	SOLE	0	287,300	0	0
IHUMAN INC	ADS COMMON	45175B109	34	11,125	SH	SOLE	0	4,700	0	6,425
IKENA ONCOLOGY INC	COM	45175G108	57	13,094	SH	SOLE	0	13,094	0	0
ILLINOIS TOOL WKS INC	COM	452308109	4,422	19,200	SH	SOLE	0	19,200	0	0
I MAB	SPONSORED ADS	44975P103	84	63,800	SH	SOLE	0	63,800	0	0
IMAX CORP	COM	45245E109	25,823	1,336,600	SH	SOLE	0	1,336,600	0	0
IM CANNABIS CORP	COM	44969Q307	17	23,100	SH	SOLE	0	23,100	0	0
IMMERSSION CORP	COM	452521107	2,925	442,500	SH	SOLE	0	442,500	0	0
IMMUCELL CORP	COM PAR	452525306	648	121,380	SH	SOLE	0	121,380	0	0
IMMUNIC INC	COM	4525EP101	849	577,400	SH	SOLE	0	577,400	0	0
IMMUNOCORE HLDGS PLC	ADS	45258D105	23,682	456,300	SH	SOLE	0	396,301	0	59,999
IMMUNOGEN INC	COM	45253H101	11,659	734,640	SH	SOLE	0	734,640	0	0
IMMUNOME INC	COM	45257U108	271	32,400	SH	SOLE	0	32,400	0	0
IMMUNOPRECISE ANTIBODIES LTD	COM NEW	45257F200	27	14,600	SH	SOLE	0	14,600	0	0
IMMUNOVANT INC	COM	45258J102	8,500	221,400	SH	SOLE	0	221,400	0	0
IMPERIAL OIL LTD	COM NEW	453038408	5,062	82,195	SH	SOLE	0	77,521	0	4,674
IMUNON INC	COM	15117N602	83	84,911	SH	SOLE	0	84,911	0	0
INARI MED INC	COM	45332Y109	25,316	387,099	SH	SOLE	0	387,099	0	0
INCYTE CORP	COM	45337C102	277,096	4,796,533	SH	SOLE	0	4,796,533	0	0
INDAPTUS THERAPEUTICS INC	COM	45339J105	67	24,400	SH	SOLE	0	24,400	0	0
INDEPENDENCE CONTRACT DRILLI	COM	453415606	222	73,978	SH	SOLE	0	73,978	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	3,015	76,243	SH	SOLE	0	76,243	0	0
INDEPENDENT BK CORP MASS	COM	453836108	10,517	214,239	SH	SOLE	0	214,239	0	0
INDEPENDENT BK CORP MICH	COM NEW	453838609	11,380	620,500	SH	SOLE	0	620,500	0	0
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	456237106	361	125,000	SH	SOLE	0	125,000	0	0
INFORMATION SVCS GROUP INC	COM	45675Y104	6,955	1,587,909	SH	SOLE	0	1,587,909	0	0
INFUSYSTEM HLDGS INC	COM	45685K102	3,344	346,909	SH	SOLE	0	346,909	0	0
ING GROEP N.V.	SPONSORED ADR	456837103	357	27,110	SH	SOLE	0	0	0	27,110
INGLES MKTS INC	CL A	457030104	17,973	238,584	SH	SOLE	0	238,584	0	0
INHIBIKASE THERAPEUTICS INC	COM NEW	45719W205	22	16,122	SH	SOLE	0	16,122	0	0
INMODE LTD	SHS	M5425M103	72,646	2,384,962	SH	SOLE	0	2,384,962	0	0
INNODATA INC	COM NEW	457642205	8,306	973,790	SH	SOLE	0	973,790	0	0
INNOVAGE HLDG CORP	COM	45784A104	754	125,900	SH	SOLE	0	125,900	0	0
INNOVATIVE SOLUTIONS & SUPPO	COM	45769N105	3,169	417,010	SH	SOLE	0	417,010	0	0
INNOVATOR ETFS TR	US EQTY PWR BF	45782C680	686	22,100	SH	SOLE	0	22,100	0	0
INNOVID CORP	COMMON STOCK	457679108	1,014	791,912	SH	SOLE	0	405,401	0	386,511
INNOVIVA INC	COM	45781M101	51,952	3,999,407	SH	SOLE	0	3,999,407	0	0
INNSUITES HOSPITALITY TR	SH BEN INT	457919108	159	125,403	SH	SOLE	0	125,403	0	0
INOGEN INC	COM	45780L104	2,446	468,500	SH	SOLE	0	468,500	0	0
INOTIV INC	COM	45783Q100	168	54,564	SH	SOLE	0	54,564	0	0
INOVIO PHARMACEUTICALS INC	COM NEW	45773H201	1,902	4,889,500	SH	SOLE	0	4,889,500	0	0
INOZYME PHARMA INC	COM	45790W108	1,242	295,608	SH	SOLE	0	295,608	0	0
INSEEGO CORP	COM	45782B104	339	807,005	SH	SOLE	0	807,005	0	0
INSPERITY INC	COM	45778Q107	3,328	34,100	SH	SOLE	0	34,100	0	0
INSPIRATO INCORPORATED	COM CL A	45791E107	63	106,300	SH	SOLE	0	106,300	0	0
INSPIRED ENTMT INC	COM	45782N108	250	20,900	SH	SOLE	0	20,900	0	0
INSPIREMD INC	COM	45779A846	55	16,700	SH	SOLE	0	16,700	0	0
INSPIRE MED SYS INC	COM	457730109	62,588	315,400	SH	SOLE	0	306,817	0	8,583
INSTALLED BLDG PRODS INC	COM	45780R101	887	7,100	SH	SOLE	0	7,100	0	0
INSTIL BIO INC	COM	45783C101	447	1,045,426	SH	SOLE	0	1,018,164	0	27,262
INSTRUCTURE HLDGS INC	COM	457790103	4,717	185,700	SH	SOLE	0	179,143	0	6,557
INTAPP INC	COM	45827U109	9,235	275,500	SH	SOLE	0	153,839	0	121,661
INTEGER HLDGS CORP	COM	45826H109	2,133	27,200	SH	SOLE	0	27,200	0	0

INTEGRAL AD SCIENCE HLDNG CO	COM	45828L108	7,932	667,100	SH	SOLE	0	667,100	0	0
INTEGRA RES CORP	COM	45826T509	36	42,580	SH	SOLE	0	42,580	0	0
INTEGRATED MEDIA TECHNOLOGY L	SHS	Q49376108	4	19,664	SH	SOLE	0	0	0	19,664
INTELLICHECK INC	COM NEW	45817G201	288	127,816	SH	SOLE	0	127,816	0	0
INTELLIGENT LIVING APPLICATI	ORD SHS	G4804S101	11	13,908	SH	SOLE	0	13,908	0	0
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	14,464	167,100	SH	SOLE	0	167,100	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	15,310	825,800	SH	SOLE	0	825,800	0	0
INTERCONTINENTAL HOTELS GROU	SPONSORED ADS	45857P806	5,890	78,800	SH	SOLE	0	78,800	0	0
INTERCURE LTD	COM NEW	M549GJ111	30	18,800	SH	SOLE	0	18,800	0	0
INTERDIGITAL INC	COM	45867G101	33,634	419,167	SH	SOLE	0	419,167	0	0
INTERFACE INC	COM	458665304	2,131	217,200	SH	SOLE	0	217,200	0	0
INTERNATIONAL BANCSHARES COR	COM	459044103	2,925	67,500	SH	SOLE	0	67,500	0	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	75,257	536,400	SH	SOLE	0	529,500	0	6,900
INTERNATIONAL GAME TECHNOLOG	SHS USD	G4863A108	4,597	151,600	SH	SOLE	0	151,600	0	0
INTERNATIONAL MNY EXPRESS IN	COM	46005L101	3,234	191,000	SH	SOLE	0	191,000	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	32,199	715,531	SH	SOLE	0	715,531	0	0
INTERNATIONAL TOWER HILL MIN	COM	46050R102	36	101,458	SH	SOLE	0	0	0	101,458
INTER PARFUMS INC	COM	458334109	3,159	23,513	SH	SOLE	0	23,513	0	0
INTEST CORP	COM	461147100	9,376	618,037	SH	SOLE	0	618,037	0	0
INTEVAC INC	COM	461148108	2,028	652,077	SH	SOLE	0	592,760	0	59,317
INTL GNRL INSURANCE HLDNGS L	SHS	G4809J106	2,004	177,672	SH	SOLE	0	143,526	0	34,146
INTRA-CELLULAR THERAPIES INC	COM	46116X101	13,752	264,000	SH	SOLE	0	264,000	0	0
INTREPID POTASH INC	COM	46121Y201	1,406	55,871	SH	SOLE	0	55,871	0	0
INTUITIVE SURGICAL INC	COM NEW	46120E602	68,171	233,230	SH	SOLE	0	233,230	0	0
INUVO INC	COM NEW	46122W204	47	219,400	SH	SOLE	0	219,400	0	0
INVENTRUST PPTYS CORP	COM NEW	46124J201	636	26,700	SH	SOLE	0	26,700	0	0
INVESCO ACTIVELY MANAGED ETF	ULTRA SHRT DUR	46090A887	31,351	630,800	SH	SOLE	0	630,800	0	0
INVESCO ACTVELY MNGD ETC FD	OPTIMUM YIELD	46090F100	3,636	243,181	SH	SOLE	0	243,181	0	0
INVESCO CURRENCYSHARES EURO	EURO SHS	46138K103	782	8,000	SH	SOLE	0	8,000	0	0
INVESCO EXCHANGE TRADED FD T	AEROSPACE DEFN	46137V100	383	4,800	SH	SOLE	0	4,800	0	0
INVESCO EXCHANGE TRADED FD T	FTSE RAFI 1000	46137V613	1,292	40,600	SH	SOLE	0	40,600	0	0
INVESCO EXCHANGE TRADED FD T	FTSE RAFI 1500	46137V597	465	14,100	SH	SOLE	0	14,100	0	0
INVESCO EXCHANGE TRADED FD T	HIG YLD EQ DIV	46137V563	309	16,100	SH	SOLE	0	16,100	0	0
INVESCO EXCHANGE TRADED FD T	S&P500 EQL ENR	46137V365	713	9,300	SH	SOLE	0	9,300	0	0
INVESCO EXCHANGE TRADED FD T	S&P500 EQL WGT	46137V357	1,091	7,700	SH	SOLE	0	7,700	0	0
INVESCO EXCHANGE TRADED FD T	S&P500 QUALITY	46137V241	1,596	31,900	SH	SOLE	0	31,900	0	0
INVESCO EXCHANGE TRADED FD T	S&P 500 TOP 50	46137V233	1,287	37,900	SH	SOLE	0	37,900	0	0
INVESCO EXCH TRADED FD TR II	CHINA TECHN LGY	46138E800	322	8,900	SH	SOLE	0	8,900	0	0
INVESCO EXCH TRADED FD TR II	SHORT TERM TREAS	46138G888	21,680	205,500	SH	SOLE	0	205,500	0	0
INVESCO EXCH TRADED FD TR II	SOLAR ETF	46138G706	399	7,700	SH	SOLE	0	7,700	0	0
INVESCO EXCH TRADED FD TR II	S&P EMRNG MKTS	46138E297	772	34,300	SH	SOLE	0	34,300	0	0
INVESCO EXCH TRADED FD TR II	S&P SMALLCAP 600	46138G664	302	8,300	SH	SOLE	0	8,300	0	0
INVESCO EXCH TRADED FD TR II	SR LN ETF	46138G508	10,447	497,700	SH	SOLE	0	497,700	0	0
INVESCO EXCH TRADED FD TR II	VAR RATE PFD	46138G870	3,968	177,359	SH	SOLE	0	177,359	0	0
INVESCO EXCH TRD SLF IDX FD	BULSHS 2023 CB	46138J866	19,134	901,251	SH	SOLE	0	901,251	0	0
INVESCO EXCH TRD SLF IDX FD	BULSHS 2023 HY	46138J858	314	13,353	SH	SOLE	0	13,353	0	0
INVESCO EXCH TRD SLF IDX FD	BULSHS 2024 CB	46138J841	9,008	435,784	SH	SOLE	0	435,784	0	0
INVESCO EXCH TRD SLF IDX FD	BULSHS 2025 CB	46138J825	1,985	98,700	SH	SOLE	0	98,700	0	0
INVESCO EXCH TRD SLF IDX FD	BULSHS 2026 CB	46138J791	1,403	74,700	SH	SOLE	0	74,700	0	0
INVESCO MORTGAGE CAPITAL INC	COM	46131B704	10,707	1,069,652	SH	SOLE	0	1,069,652	0	0
INVESTAR HLDG CORP	COM	46134L105	267	25,175	SH	SOLE	0	25,175	0	0
INVESTORS TITLE CO NC	COM	461804106	3,095	20,900	SH	SOLE	0	20,900	0	0
INVIVO THERAPEUTICS HLDGS CO	COM	46186M605	16	13,921	SH	SOLE	0	13,921	0	0
INVIVYD INC	COM	00534A102	83	48,785	SH	SOLE	0	48,785	0	0
IO BIOTECH INC	COM	449778109	34	24,386	SH	SOLE	0	24,386	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	12,238	269,800	SH	SOLE	0	269,800	0	0
IONQ INC	COM	46222L108	49,943	3,356,400	SH	SOLE	0	3,221,555	0	134,845

IOVANCE BIOTHERAPEUTICS INC	COM	462260100	5,580	1,226,400	SH	SOLE	0	1,226,400	0	0
IPG PHOTONICS CORP	COM	44980X109	1,158	11,400	SH	SOLE	0	11,400	0	0
IPOWER INC	CL A	46265P107	8	11,600	SH	SOLE	0	11,600	0	0
IQIYI INC	SPONSORED ADS	46267X108	33,609	7,090,600	SH	SOLE	0	7,090,600	0	0
IQVIA HLDGS INC	COM	46266C105	1,554	7,900	SH	SOLE	0	7,900	0	0
IRADIMED CORP	COM	46266A109	25,509	574,912	SH	SOLE	0	574,912	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	6,862	72,800	SH	SOLE	0	72,800	0	0
IRIDEX CORP	COM	462684101	1,049	413,060	SH	SOLE	0	413,060	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	19,051	418,799	SH	SOLE	0	418,799	0	0
IROBOT CORP	COM	462726100	1,160	30,600	SH	SOLE	0	30,600	0	0
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	55,853	5,799,898	SH	SOLE	0	5,799,898	0	0
IRSA INVERSIONES Y REP S A	GLOBL DEP RCPT	450047204	402	68,533	SH	SOLE	0	0	0	68,533
ISHARES INC	CORE MSCI EMKT	46434G103	319	6,700	SH	SOLE	0	6,700	0	0
ISHARES INC	ESG AWR MSCI EM	46434G863	2,023	66,800	SH	SOLE	0	66,800	0	0
ISHARES INC	FRONTIER AND SEL	464286145	2,203	85,000	SH	SOLE	0	85,000	0	0
ISHARES INC	MSCI CHILE ETF	464286640	2,481	94,745	SH	SOLE	0	94,745	0	0
ISHARES INC	MSCI EMERG MRKT	464286533	912	17,099	SH	SOLE	0	17,099	0	0
ISHARES INC	MSCI GBL MIN VOL	464286525	1,527	16,000	SH	SOLE	0	16,000	0	0
ISHARES INC	MSCI HONG KG ETF	464286871	2,217	129,300	SH	SOLE	0	129,300	0	0
ISHARES INC	MSCI MEXICO ETF	464286822	437	7,500	SH	SOLE	0	7,500	0	0
ISHARES INC	MSCI PAC JP ETF	464286665	772	19,400	SH	SOLE	0	19,400	0	0
ISHARES INC	MSCI TURKEY ETF	464286715	1,573	40,800	SH	SOLE	0	40,800	0	0
ISHARES INC	MSCI WORLD ETF	464286392	913	7,599	SH	SOLE	0	7,599	0	0
ISHARES TR	0-3 MNTH TREASRY	46436E718	50,466	501,300	SH	SOLE	0	501,300	0	0
ISHARES TR	0-5YR HI YL CP	46434V407	3,188	77,700	SH	SOLE	0	77,700	0	0
ISHARES TR	0-5YR INVT GR CP	46434V100	3,244	67,600	SH	SOLE	0	67,600	0	0
ISHARES TR	10-20 YR TRS ETF	464288653	788	8,000	SH	SOLE	0	8,000	0	0
ISHARES TR	20 YR TR BD ETF	464287432	12,869	145,100	SH	SOLE	0	145,100	0	0
ISHARES TR	BLACKROCK ULTRA	46434V878	50,471	1,001,800	SH	SOLE	0	1,001,800	0	0
ISHARES TR	BROAD USD HIGH	46435U853	743	21,400	SH	SOLE	0	21,400	0	0
ISHARES TR	CHINA LG-CAP ETF	464287184	8,070	304,200	SH	SOLE	0	304,200	0	0
ISHARES TR	CONSER ALLOC ETF	464289883	937	27,600	SH	SOLE	0	27,600	0	0
ISHARES TR	CORE 1 5 YR USD	46432F859	256	5,523	SH	SOLE	0	5,523	0	0
ISHARES TR	CORE S&P500 ETF	464287200	5,153	12,000	SH	SOLE	0	12,000	0	0
ISHARES TR	CORE S&P MCP ETF	464287507	3,341	13,400	SH	SOLE	0	13,400	0	0
ISHARES TR	CORE S&P SCP ETF	464287804	594	6,300	SH	SOLE	0	6,300	0	0
ISHARES TR	CORE S&P TTL STK	464287150	3,099	32,900	SH	SOLE	0	32,900	0	0
ISHARES TR	CORE S&P US GWT	464287671	427	4,500	SH	SOLE	0	4,500	0	0
ISHARES TR	CORE S&P US VLU	464287663	1,918	25,700	SH	SOLE	0	25,700	0	0
ISHARES TR	DOW JONES US ETF	464287846	355	3,400	SH	SOLE	0	3,400	0	0
ISHARES TR	ESG AWR US AGRGT	46435U549	1,223	27,000	SH	SOLE	0	27,000	0	0
ISHARES TR	EUROPE ETF	464287861	282	5,900	SH	SOLE	0	5,900	0	0
ISHARES TR	EXPND TEC SC ETF	464287549	306	800	SH	SOLE	0	800	0	0
ISHARES TR	FLTG RATE NT ETF	46429B655	47,323	929,900	SH	SOLE	0	929,900	0	0
ISHARES TR	GLB INFRASTR ETF	464288372	1,017	23,500	SH	SOLE	0	23,500	0	0
ISHARES TR	GLOBAL ENERG ETF	464287341	243	5,900	SH	SOLE	0	5,900	0	0
ISHARES TR	GLOBAL TECH ETF	464287291	642	11,100	SH	SOLE	0	11,100	0	0
ISHARES TR	GRWT ALLOCAT ETF	464289867	311	6,300	SH	SOLE	0	6,300	0	0
ISHARES TR	HDG MSCI EAFE	46434V803	765	25,400	SH	SOLE	0	25,400	0	0
ISHARES TR	IBONDS 23 TRM TS	46436E882	20,229	815,015	SH	SOLE	0	815,015	0	0
ISHARES TR	IBONDS 24 TRM TS	46436E874	14,822	621,720	SH	SOLE	0	621,720	0	0
ISHARES TR	IBONDS 25 TRM TS	46436E866	252	10,900	SH	SOLE	0	10,900	0	0
ISHARES TR	IBONDS DEC23 ETF	46434VAX8	9,610	378,961	SH	SOLE	0	378,961	0	0
ISHARES TR	IBONDS DEC24 ETF	46434VBG4	2,856	115,500	SH	SOLE	0	115,500	0	0
ISHARES TR	IBOXX HI YD ETF	464288513	686	9,300	SH	SOLE	0	9,300	0	0
ISHARES TR	IBOXX INV CP ETF	464287242	14,681	143,900	SH	SOLE	0	143,900	0	0
ISHARES TR	ISHS 1-5YR INVS	464288646	16,902	339,200	SH	SOLE	0	339,200	0	0

ISHARES TR	LATN AMER 40 ETF	464287390	964	37,700	SH	SOLE	0	37,700	0	0
ISHARES TR	MODERT ALLOC ETF	464289875	767	19,700	SH	SOLE	0	19,700	0	0
ISHARES TR	MRGSTR MD CP GRW	464288307	263	4,600	SH	SOLE	0	4,600	0	0
ISHARES TR	MSCI AC ASIA ETF	464288182	1,264	19,900	SH	SOLE	0	19,900	0	0
ISHARES TR	MSCI ACWI ETF	464288257	527	5,700	SH	SOLE	0	5,700	0	0
ISHARES TR	MSCI CHINA ETF	46429B671	1,931	44,600	SH	SOLE	0	44,600	0	0
ISHARES TR	MSCI EMG MKT ETF	464287234	8,675	228,600	SH	SOLE	0	228,600	0	0
ISHARES TR	MSCI EURO FL ETF	464289180	807	42,700	SH	SOLE	0	42,700	0	0
ISHARES TR	MSCI INDONESIA ETF	46429B309	1,053	47,300	SH	SOLE	0	47,300	0	0
ISHARES TR	MSCI KLD400 SOC	464288570	594	7,300	SH	SOLE	0	7,300	0	0
ISHARES TR	MSCI USA ESG SLC	464288802	684	7,600	SH	SOLE	0	7,600	0	0
ISHARES TR	NATIONAL MUN ETF	464288414	841	8,200	SH	SOLE	0	8,200	0	0
ISHARES TR	RUS 1000 ETF	464287622	1,597	6,800	SH	SOLE	0	6,800	0	0
ISHARES TR	RUS 1000 VAL ETF	464287598	4,752	31,300	SH	SOLE	0	31,300	0	0
ISHARES TR	RUS MID CAP ETF	464287499	2,445	35,300	SH	SOLE	0	35,300	0	0
ISHARES TR	RUSSELL 2000 ETF	464287655	265	1,500	SH	SOLE	0	1,500	0	0
ISHARES TR	RUSSELL 3000 ETF	464287689	1,397	5,700	SH	SOLE	0	5,700	0	0
ISHARES TR	RUS TOP 200 ETF	464289446	713	6,900	SH	SOLE	0	6,900	0	0
ISHARES TR	RUS TP200 VL ETF	464289420	222	3,400	SH	SOLE	0	3,400	0	0
ISHARES TR	SHORT TREAS BD	464288679	50,474	456,900	SH	SOLE	0	456,900	0	0
ISHARES TR	SHRT NAT MUN ETF	464288158	1,718	16,698	SH	SOLE	0	16,698	0	0
ISHARES TR	S&P 100 ETF	464287101	1,946	9,700	SH	SOLE	0	9,700	0	0
ISHARES TR	S&P 500 GRWT ETF	464287309	1,806	26,400	SH	SOLE	0	26,400	0	0
ISHARES TR	S&P 500 VAL ETF	464287408	1,969	12,800	SH	SOLE	0	12,800	0	0
ISHARES TR	S&P MC 400GR ETF	464287606	506	7,000	SH	SOLE	0	7,000	0	0
ISHARES TR	S&P MC 400VL ETF	464287705	283	2,800	SH	SOLE	0	2,800	0	0
ISHARES TR	S&P SML 600 GWT	464287887	273	2,486	SH	SOLE	0	2,486	0	0
ISHARES TR	TRS FLT RT BD	46434V860	50,532	995,900	SH	SOLE	0	995,900	0	0
ISHARES TR	US CONSUM DISCRE	464287580	449	6,700	SH	SOLE	0	6,700	0	0
ISHARES TR	U.S. ENERGY ETF	464287796	327	6,900	SH	SOLE	0	6,900	0	0
ISHARES TR	U S EQUITY FACTR	46434V282	446	10,300	SH	SOLE	0	10,300	0	0
ISHARES TR	US HLTHCARE ETF	464287762	243	900	SH	SOLE	0	900	0	0
ISHARES TR	US HOME CONS ETF	464288752	801	10,200	SH	SOLE	0	10,200	0	0
ISHARES TR	US INDUSTRIALS	464287754	323	3,200	SH	SOLE	0	3,200	0	0
ISHARES TR	US INFRASTRUC	46435U713	596	16,300	SH	SOLE	0	16,300	0	0
ISHARES U S ETF TR	BLACKROCK ST MAT	46431W507	49,725	996,700	SH	SOLE	0	996,700	0	0
ISHARES U S ETF TR	GSCI CMDTY STGY	46431W853	656	22,500	SH	SOLE	0	22,500	0	0
ISSUER DIRECT CORP	COM NEW	46520M204	665	35,358	SH	SOLE	0	35,358	0	0
ISUN INC	COM	465246106	16	72,510	SH	SOLE	0	72,510	0	0
ITAU UNIBANCO HLDG S A	SPON ADR REP PFD	465562106	19,098	3,556,474	SH	SOLE	0	2,717,671	0	838,803
ITEOS THERAPEUTICS INC	COM	46565G104	4,314	394,000	SH	SOLE	0	394,000	0	0
ITERIS INC NEW	COM	46564T107	1,047	252,785	SH	SOLE	0	252,785	0	0
ITERUM THERAPEUTICS PLC	SHS NEW	G6333L200	38	46,922	SH	SOLE	0	46,922	0	0
ITRON INC	COM	465741106	8,976	148,161	SH	SOLE	0	148,161	0	0
IT TECH PACKAGING INC	COM NEW	46527C209	12	29,818	SH	SOLE	0	29,818	0	0
ITT INC	COM	45073V108	2,839	29,000	SH	SOLE	0	24,781	0	4,219
ITURAN LOCATION AND CONTROL	SHS	M6158M104	33,120	1,107,700	SH	SOLE	0	1,107,700	0	0
IZEA WORLDWIDE INC	COM NEW	46604H204	114	52,503	SH	SOLE	0	52,503	0	0
JABIL INC	COM	466313103	19,427	153,100	SH	SOLE	0	153,100	0	0
JACK IN THE BOX INC	COM	466367109	691	10,000	SH	SOLE	0	10,000	0	0
JACOBS SOLUTIONS INC	COM	46982L108	16,940	124,100	SH	SOLE	0	124,100	0	0
JAKKS PAC INC	COM NEW	47012E403	5,903	317,518	SH	SOLE	0	317,518	0	0
JAMES HARDIE INDS PLC	SPONSORED ADR	47030M106	5,385	205,227	SH	SOLE	0	205,227	0	0
JAMES RIV GROUP LTD	COM	G5005R107	1,501	97,798	SH	SOLE	0	97,798	0	0
JAMF HLDG CORP	COM	47074L105	3,564	201,800	SH	SOLE	0	201,800	0	0
JANONE INC	COM	47089W104	13	31,000	SH	SOLE	0	31,000	0	0
JANUS DETROIT STR TR	HENDERSON MTG	47103U852	1,619	37,300	SH	SOLE	0	37,300	0	0

JANUS DETROIT STR TR	HENDRSN SHRT ETF	47103U886	31,814	663,200	SH	SOLE	0	663,200	0	0
JANUS DETROIT STR TR	HENDRSON AAA CL	47103U845	41,880	832,100	SH	SOLE	0	832,100	0	0
JANUS INTERNATIONAL GROUP IN	COMMON STOCK	47103N106	13,726	1,282,800	SH	SOLE	0	1,282,800	0	0
JANUX THERAPEUTICS INC	COM	47103J105	263	26,100	SH	SOLE	0	26,100	0	0
JASPER THERAPEUTICS INC	COM	471871103	217	310,212	SH	SOLE	0	310,212	0	0
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	169,258	1,307,615	SH	SOLE	0	1,307,615	0	0
JD.COM INC	SPON ADR CL A	47215P106	6,490	222,800	SH	SOLE	0	222,800	0	0
JELD-WEN HLDG INC	COM	47580P103	3,062	229,200	SH	SOLE	0	229,200	0	0
JERASH HLDGS US INC	COM	47632P101	231	76,240	SH	SOLE	0	76,240	0	0
JETBLUE AWYS CORP	COM	477143101	7,307	1,588,583	SH	SOLE	0	1,588,583	0	0
JEWETT CAMERON TRADING LTD	COM NEW	47733C207	510	109,628	SH	SOLE	0	109,628	0	0
JFROG LTD	ORD SHS	M6191J100	35,471	1,398,700	SH	SOLE	0	1,398,700	0	0
JIANPU TECHNOLOGY INC	ADS COMMON	47738D309	182	183,369	SH	SOLE	0	183,369	0	0
JIAYIN GROUP INC	SPONSORED ADS	47737C104	143	26,600	SH	SOLE	0	26,600	0	0
JINKOSOLAR HLDG CO LTD	SPONSORED ADR	47759T100	6,338	208,700	SH	SOLE	0	208,700	0	0
J JILL INC	COM	46620W201	8,603	290,656	SH	SOLE	0	290,656	0	0
J & J SNACK FOODS CORP	COM	466032109	5,033	30,756	SH	SOLE	0	30,756	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	652	6,200	SH	SOLE	0	6,200	0	0
JOHN HANCOCK EXCHANGE TRADED	MULTIFACTOR MI	47804J206	473	10,000	SH	SOLE	0	10,000	0	0
JOHNSON CTLs INTL PLC	SHS	G51502105	13,241	248,844	SH	SOLE	0	248,844	0	0
JOHNSON & JOHNSON	COM	478160104	1,558	10,000	SH	SOLE	0	10,000	0	0
JOHNSON OUTDOORS INC	CL A	479167108	11,753	214,900	SH	SOLE	0	213,781	0	1,119
JOINT CORP	COM	47973J102	2,648	294,567	SH	SOLE	0	271,003	0	23,564
JOURNEY MED CORP	COM	48115J109	57	20,900	SH	SOLE	0	20,900	0	0
JPMORGAN CHASE & CO	ALERIAN ML ETN	46625H365	3,169	128,300	SH	SOLE	0	128,300	0	0
J P MORGAN EXCHANGE TRADED F	ULTRA SHRT INC	46641Q837	50,441	1,005,200	SH	SOLE	0	1,005,200	0	0
J P MORGAN EXCHANGE TRADED F	ULTRA SHT MUNCPL	46641Q654	20,799	412,270	SH	SOLE	0	412,270	0	0
J P MORGAN EXCHANGE TRADED F	US QUALTY FCTR	46641Q761	208	4,800	SH	SOLE	0	4,800	0	0
JUNIPER NETWORKS INC	COM	48203R104	3,854	138,700	SH	SOLE	0	138,700	0	0
JX LUXVENTURE LIMITED	COM	Y46002302	15	12,910	SH	SOLE	0	12,910	0	0
KADANT INC	COM	48282T104	2,301	10,200	SH	SOLE	0	10,200	0	0
KALTURA INC	COM	483467106	585	338,100	SH	SOLE	0	338,100	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	665	69,100	SH	SOLE	0	69,100	0	0
KAMADA LTD	SHS	M6240T109	4,627	866,505	SH	SOLE	0	857,397	0	9,108
KAMAN CORP	COM	483548103	1,613	82,104	SH	SOLE	0	78,678	0	3,426
KANDI TECHNOLOGIES GROUP INC	COM	483709101	433	125,137	SH	SOLE	0	125,137	0	0
KANZHUN LIMITED	SPONSORED ADS	48553T106	30,753	2,027,200	SH	SOLE	0	2,027,200	0	0
KARAT PACKAGING INC	COM	48563L101	429	18,615	SH	SOLE	0	18,615	0	0
KAROOOOO LTD	ORD SHS	Y4600W108	215	10,801	SH	SOLE	0	10,801	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	979	730,400	SH	SOLE	0	730,400	0	0
KATAPULT HOLDINGS INC	COM NEW	485859201	141	13,797	SH	SOLE	0	13,797	0	0
KB HOME	COM	48666K109	31,313	676,600	SH	SOLE	0	672,203	0	4,397
KBR INC	COM	48242W106	28,710	487,100	SH	SOLE	0	428,637	0	58,463
KEARNY FINL CORP MD	COM	48716P108	24,020	3,466,143	SH	SOLE	0	3,466,143	0	0
KE HLDGS INC	SPONSORED ADS	482497104	142,888	9,206,694	SH	SOLE	0	9,167,659	0	39,035
KELLANOVA	COM	487836108	121,329	2,038,806	SH	SOLE	0	2,038,806	0	0
KELSO TECHNOLOGIES INC	COM NEW	48826D201	3	16,599	SH	SOLE	0	16,599	0	0
KEMPER CORP	COM	488401100	5,511	131,110	SH	SOLE	0	131,110	0	0
KENNAMETAL INC	COM	489170100	7,039	282,900	SH	SOLE	0	282,900	0	0
KENON HLDGS LTD	SHS	Y46717107	447	19,700	SH	SOLE	0	19,700	0	0
KENVUE INC	COM	49177J102	30,755	1,531,612	SH	SOLE	0	1,468,292	0	63,320
KEROS THERAPEUTICS INC	COM	492327101	1,393	43,700	SH	SOLE	0	43,700	0	0
KEURIG DR PEPPER INC	COM	49271V100	162,711	5,153,970	SH	SOLE	0	5,153,970	0	0
KEWAUNEE SCIENTIFIC CORP	COM	492854104	1,287	74,611	SH	SOLE	0	74,111	0	500
KEYCORP	COM	493267108	25,808	2,398,551	SH	SOLE	0	2,398,551	0	0
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	27,494	207,800	SH	SOLE	0	207,800	0	0
KEY TRONIC CORP	COM	493144109	110	24,595	SH	SOLE	0	24,595	0	0

KEZAR LIFE SCIENCES INC	COM	49372L100	724	608,696	SH	SOLE	0	492,325	0	116,371
KFORCE INC	COM	493732101	886	14,849	SH	SOLE	0	14,849	0	0
KILROY RLTY CORP	COM	49427F108	7,925	250,700	SH	SOLE	0	250,700	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	203	7,425	SH	SOLE	0	7,425	0	0
KIMBERLY-CLARK CORP	COM	494368103	138,977	1,149,994	SH	SOLE	0	962,033	0	187,961
KIMCO RLTY CORP	COM	49446R109	533	30,314	SH	SOLE	0	30,314	0	0
KINDER MORGAN INC DEL	COM	49456B101	67,186	4,052,231	SH	SOLE	0	4,052,231	0	0
KINETA INC	COM	49461C102	46	13,544	SH	SOLE	0	13,544	0	0
KINETIK HOLDINGS INC	COM NEW CL A	02215L209	9,705	287,562	SH	SOLE	0	287,562	0	0
KINGSOFT CLOUD HLDGS LTD	ADS	49639K101	2,898	587,800	SH	SOLE	0	587,800	0	0
KINGSTONE COS INC	COM	496719105	626	349,589	SH	SOLE	0	349,589	0	0
KINGSWAY FINL SVCS INC	COM NEW	496904202	2,241	296,815	SH	SOLE	0	296,815	0	0
KINNATE BIOPHARMA INC	COM	49705R105	708	505,956	SH	SOLE	0	505,613	0	343
KINROSS GOLD CORP	COM	496902404	128,413	28,160,739	SH	SOLE	0	27,942,453	0	218,286
KIRBY CORP	COM	497266106	1,466	17,700	SH	SOLE	0	17,700	0	0
KIRKLANDS INC	COM	497498105	165	96,200	SH	SOLE	0	96,200	0	0
KITE RLTY GROUP TR	COM NEW	49803T300	1,598	74,603	SH	SOLE	0	74,603	0	0
KLA CORP	COM NEW	482480100	84,306	183,809	SH	SOLE	0	183,809	0	0
KLX ENERGY SERVICES HOLDNGS I	COM NEW	48253L205	534	45,100	SH	SOLE	0	45,100	0	0
KNIFE RIVER CORP	COMMON STOCK	498894104	8,013	164,100	SH	SOLE	0	164,100	0	0
KNIGHTSCOPE INC	CLASS A COM	49907V102	29	37,100	SH	SOLE	0	37,100	0	0
KNIGHT-SWIFT TRANSN HLDGS IN	CL A	499049104	382	7,627	SH	SOLE	0	7,627	0	0
KNOT OFFSHORE PARTNERS LP	COM UNITS	Y48125101	7,937	1,162,017	SH	SOLE	0	1,126,558	0	35,459
KNOWLES CORP	COM	49926D109	2,741	185,074	SH	SOLE	0	185,074	0	0
KODIAK GAS SVCS INC	COM	50012A108	2,500	139,800	SH	SOLE	0	139,800	0	0
KODIAK SCIENCES INC	COM	50015M109	1,427	792,931	SH	SOLE	0	792,931	0	0
KONINKLIJKE PHILIPS N V	NY REGIS SHS NEW	500472303	3,080	153,625	SH	SOLE	0	0	0	153,625
KOPIN CORP	COM	500600101	979	802,264	SH	SOLE	0	802,264	0	0
KOPPERS HOLDINGS INC	COM	50060P106	1,111	28,100	SH	SOLE	0	28,100	0	0
KORE GROUP HLDGS INC	COMMON STOCK	50066V107	101	166,295	SH	SOLE	0	166,295	0	0
KORN FERRY	COM NEW	500643200	7,657	161,399	SH	SOLE	0	161,399	0	0
KORNIT DIGITAL LTD	SHS	M6372Q113	997	52,700	SH	SOLE	0	52,700	0	0
KOSS CORP	COM	500692108	31	10,600	SH	SOLE	0	10,600	0	0
KRAFT HEINZ CO	COM	500754106	14,940	444,100	SH	SOLE	0	444,100	0	0
KRANESHARES TR	CSI CHI INTERNET	500767306	3,949	144,300	SH	SOLE	0	144,300	0	0
KROGER CO	COM	501044101	361,336	8,074,557	SH	SOLE	0	8,074,557	0	0
KRONOS BIO INC	COM	50107A104	1,302	1,001,700	SH	SOLE	0	747,874	0	253,826
KRONOS WORLDWIDE INC	COM	50105F105	5,785	746,400	SH	SOLE	0	746,400	0	0
KUBIENT INC	COM	50116V107	13	42,896	SH	SOLE	0	42,896	0	0
KULICKE & SOFFA INDS INC	COM	501242101	5,268	108,328	SH	SOLE	0	108,328	0	0
KURA ONCOLOGY INC	COM	50127T109	1,054	115,600	SH	SOLE	0	115,600	0	0
KURA SUSHI USA INC	CL A COM	501270102	1,415	21,400	SH	SOLE	0	21,400	0	0
KVH INDS INC	COM	482738101	697	136,600	SH	SOLE	0	136,600	0	0
KYNDRYL HLDGS INC	COMMON STOCK	50155Q100	27,912	1,848,500	SH	SOLE	0	1,848,500	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	23,518	135,070	SH	SOLE	0	111,049	0	24,021
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	35,667	177,405	SH	SOLE	0	175,595	0	1,810
LADDER CAP CORP	CL A	505743104	1,147	111,761	SH	SOLE	0	111,761	0	0
LAIRD SUPERFOOD INC	COM STK	50736T102	95	92,200	SH	SOLE	0	92,200	0	0
LAKELAND BANCORP INC	COM	511637100	6,088	482,375	SH	SOLE	0	482,375	0	0
LAKELAND FINL CORP	COM	511656100	2,385	50,251	SH	SOLE	0	50,251	0	0
LAKELAND INDS INC	COM	511795106	7,044	467,402	SH	SOLE	0	467,402	0	0
LAMB WESTON HLDGS INC	COM	513272104	6,047	65,400	SH	SOLE	0	65,400	0	0
LAM RESEARCH CORP	COM	512807108	76,940	122,756	SH	SOLE	0	109,856	0	12,900
LANCASTER COLONY CORP	COM	513847103	52,688	319,263	SH	SOLE	0	319,263	0	0
LANDMARK BANCORP INC	COM	51504L107	1,276	70,124	SH	SOLE	0	70,124	0	0
LANDOS BIOPHARMA INC	COM NEW	515069201	40	10,260	SH	SOLE	0	10,260	0	0
LANDSEA HOMES CORP	COM	51509P103	2,307	256,600	SH	SOLE	0	256,600	0	0

LANDSTAR SYS INC	COM	515098101	17,276	97,640	SH	SOLE	0	92,268	0	5,372
LANTERN PHARMA INC	COM	51654W101	130	38,100	SH	SOLE	0	38,100	0	0
LANTHEUS HLDGS INC	COM	516544103	17,469	251,431	SH	SOLE	0	251,431	0	0
LANTRONIX INC	COM NEW	516548203	1,862	418,394	SH	SOLE	0	418,394	0	0
LARIMAR THERAPEUTICS INC	COM	517125100	969	245,342	SH	SOLE	0	245,342	0	0
LAS VEGAS SANDS CORP	COM	517834107	105,452	2,300,434	SH	SOLE	0	2,279,656	0	20,778
LATHAM GROUP INC	COM	51819L107	1,624	580,017	SH	SOLE	0	580,017	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	28,898	336,300	SH	SOLE	0	336,300	0	0
LAUREATE EDUCATION INC	COMMON STOCK	518613203	2,242	159,000	SH	SOLE	0	159,000	0	0
LAZARD LTD	SHS A	G54050102	4,825	155,600	SH	SOLE	0	0	0	155,600
LA Z BOY INC	COM	505336107	713	23,100	SH	SOLE	0	23,100	0	0
LCNB CORP	COM	50181P100	1,491	104,516	SH	SOLE	0	104,516	0	0
LEAR CORP	COM NEW	521865204	18,828	140,300	SH	SOLE	0	140,300	0	0
LEGACY HOUSING CORP	COM	52472M101	227	11,700	SH	SOLE	0	11,700	0	0
LEGALZOOM COM INC	COM	52466B103	12,342	1,128,141	SH	SOLE	0	1,128,141	0	0
LEGEND BIOTECH CORP	SPONSORED ADS	52490G102	6,730	100,200	SH	SOLE	0	100,200	0	0
LEJU HLDGS LTD	SPONSORED ADS	50187J207	73	46,599	SH	SOLE	0	46,599	0	0
LEMAITRE VASCULAR INC	COM	525558201	5,001	91,800	SH	SOLE	0	91,800	0	0
LENDINGCLUB CORP	COM NEW	52603A208	9,780	1,603,207	SH	SOLE	0	1,603,207	0	0
LENDINGTREE INC NEW	COM	52603B107	3,391	218,800	SH	SOLE	0	218,800	0	0
LENNAR CORP	CL A	526057104	35,895	319,833	SH	SOLE	0	319,833	0	0
LENNAR CORP	CL B	526057302	1,390	13,600	SH	SOLE	0	13,600	0	0
LENSAR INC	COM	52634L108	956	309,445	SH	SOLE	0	309,445	0	0
LESAKA TECHNOLOGIES INC	COM NEW	64107N206	575	147,400	SH	SOLE	0	147,400	0	0
LEXARIA BIOSCIENCE CORP	COM NEW	52886N406	13	12,900	SH	SOLE	0	12,900	0	0
LEXICON PHARMACEUTICALS INC	COM NEW	528872302	297	272,255	SH	SOLE	0	272,255	0	0
LEXINFINTCH HLDGS LTD	ADR	528877103	1,047	473,674	SH	SOLE	0	473,674	0	0
LGL GROUP INC	COM	50186A108	825	192,234	SH	SOLE	0	177,471	0	14,763
LGL GROUP INC	*W EXP 11/16/202	50186A132	11	75,164	SH	SOLE	0	75,164	0	0
LIANBIO	SPONSORED ADS	53000N108	421	282,602	SH	SOLE	0	261,940	0	20,662
LI AUTO INC	SPONSORED ADS	50202M102	324,230	9,094,800	SH	SOLE	0	8,887,004	0	207,796
LIBERTY BROADBAND CORP	COM SER C	530307305	10,171	111,375	SH	SOLE	0	111,375	0	0
LIBERTY ENERGY INC	COM CL A	53115L104	23,146	1,249,800	SH	SOLE	0	1,249,800	0	0
LIBERTY GLOBAL PLC	SHS CL A	G5480U104	60,171	3,514,652	SH	SOLE	0	3,514,652	0	0
LIBERTY GLOBAL PLC	SHS CL C	G5480U120	34,000	1,831,920	SH	SOLE	0	1,831,920	0	0
LIBERTY LATIN AMERICA LTD	COM CL A	G9001E102	1,982	242,900	SH	SOLE	0	242,900	0	0
LIBERTY LATIN AMERICA LTD	COM CL C	G9001E128	3,435	420,900	SH	SOLE	0	420,900	0	0
LIBERTY MEDIA CORP DEL	COM LBTY ONE S A	531229771	14,904	263,597	SH	SOLE	0	263,597	0	0
LIBERTY MEDIA CORP DEL	COM LBTY ONE S C	531229755	15,279	245,251	SH	SOLE	0	245,251	0	0
LIBERTY TRIPADVISOR HLDGS IN	COM SER A	531465102	312	638,322	SH	SOLE	0	638,322	0	0
LIFECORE BIOMEDICAL INC	COM	514766104	523	69,300	SH	SOLE	0	69,300	0	0
LIFEMD INC	COM	53216B104	649	103,800	SH	SOLE	0	103,800	0	0
LIFESTANCE HEALTH GROUP INC	COM	53228F101	1,044	152,000	SH	SOLE	0	152,000	0	0
LIFETIME BRANDS INC	COM	53222Q103	964	171,300	SH	SOLE	0	167,410	0	3,890
LIFE TIME GROUP HOLDINGS INC	COMMON STOCK	53190C102	870	57,200	SH	SOLE	0	57,200	0	0
LIFEVANTAGE CORP	COM NEW	53222K205	5,419	840,118	SH	SOLE	0	840,118	0	0
LIFEWAY FOODS INC	COM	531914109	3,855	372,839	SH	SOLE	0	372,839	0	0
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	3,338	55,700	SH	SOLE	0	55,700	0	0
LIGHTINTHEBOX HLDG CO LTD	SPONSORED ADR	53225G102	1,160	974,931	SH	SOLE	0	974,931	0	0
LIGHTPATH TECHNOLOGIES INC	COM CL A	532257805	1,014	699,400	SH	SOLE	0	699,400	0	0
LIGHTWAVE LOGIC INC	COM	532275104	856	191,500	SH	SOLE	0	191,500	0	0
LIGHT & WONDER INC	COM	80874P109	14,052	197,000	SH	SOLE	0	197,000	0	0
LIMBACH HLDGS INC	COM	53263P105	12,628	397,971	SH	SOLE	0	397,971	0	0
LINCOLN EDL SVCS CORP	COM	533535100	4,547	538,078	SH	SOLE	0	538,078	0	0
LINCOLN ELEC HLDGS INC	COM	533900106	11,696	64,338	SH	SOLE	0	64,338	0	0
LINCOLN NATL CORP IND	COM	534187109	17,801	720,974	SH	SOLE	0	701,085	0	19,889
LINDBLAD EXPEDITIONS HLDGS I	COM	535219109	446	61,953	SH	SOLE	0	61,953	0	0

LINDSAY CORP	COM	535555106	941	8,000	SH	SOLE	0	8,000	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	70	59,700	SH	SOLE	0	59,700	0	0
LIONS GATE ENTMNT CORP	CL A VTG	535919401	2,752	324,500	SH	SOLE	0	324,500	0	0
LIONS GATE ENTMNT CORP	CL B NON VTG	535919500	739	93,939	SH	SOLE	0	93,939	0	0
LIPOCINE INC NEW	COM NEW	53630X203	46	15,597	SH	SOLE	0	15,597	0	0
LIQTECH INTL INC	COM	53632A300	76	19,470	SH	SOLE	0	6,190	0	13,280
LIQUIDIA CORPORATION	COM NEW	53635D202	1,594	251,434	SH	SOLE	0	251,434	0	0
LIQUIDITY SVCS INC	COM	53635B107	32,560	1,847,904	SH	SOLE	0	1,847,904	0	0
LISATA THERAPEUTICS INC	COM	128058302	205	95,722	SH	SOLE	0	95,722	0	0
LITHIUM AMERS CORP NEW	COM NEW	53680Q207	192	11,300	SH	SOLE	0	400	0	10,900
LITMAN GREGORY FDS TR	IMGP DBI MANAGED	53700T827	1,710	59,158	SH	SOLE	0	59,158	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	116,518	1,403,152	SH	SOLE	0	1,289,515	0	113,637
LIVEONE INC	COM	53814X102	365	381,200	SH	SOLE	0	381,200	0	0
LIVEPERSON INC	COM	538146101	1,963	504,642	SH	SOLE	0	504,642	0	0
LIVERAMP HLDGS INC	COM	53815P108	19,997	693,378	SH	SOLE	0	693,378	0	0
LIVE VENTURES INC	COM NEW	538142308	1,287	45,499	SH	SOLE	0	45,499	0	0
LIVEVOX HOLDING INC	COM CL A	53838L100	49	14,700	SH	SOLE	0	14,700	0	0
LIVEWIRE GROUP INC	COM	53838J105	121	17,502	SH	SOLE	0	17,502	0	0
LIZHI INC	ADS	53933L203	67	17,358	SH	SOLE	0	17,358	0	0
LKQ CORP	COM	501889208	25,614	517,360	SH	SOLE	0	517,360	0	0
LLOYDS BANKING GROUP PLC	SPONSORED ADR	539439109	6,402	3,005,800	SH	SOLE	0	2,461,238	0	544,562
LOANDEPOT INC	COM CL A	53946R106	877	510,100	SH	SOLE	0	510,100	0	0
LOCKHEED MARTIN CORP	COM	539830109	135,079	330,300	SH	SOLE	0	325,478	0	4,822
LOEWS CORP	COM	540424108	10,585	167,200	SH	SOLE	0	167,200	0	0
LOGITECH INTL S A	SHS	H50430232	83,987	1,218,266	SH	SOLE	0	1,218,266	0	0
LOUISIANA PAC CORP	COM	546347105	12,707	229,900	SH	SOLE	0	229,900	0	0
LOVESAC COMPANY	COM	54738L109	1,231	61,800	SH	SOLE	0	61,800	0	0
LPL FINL HLDGS INC	COM	50212V100	12,833	54,000	SH	SOLE	0	54,000	0	0
LSB INDS INC	COM	502160104	17,474	1,708,152	SH	SOLE	0	1,708,152	0	0
LSI INDS INC OHIO	COM	50216C108	13,009	819,192	SH	SOLE	0	819,192	0	0
LTC PPTYS INC	COM	502175102	1,112	34,600	SH	SOLE	0	34,600	0	0
LUFAX HOLDING LTD	ADS REP SHS CL A	54975P102	10,009	9,442,500	SH	SOLE	0	9,442,500	0	0
LULULEMON ATHLETICA INC	COM	550021109	90,156	233,800	SH	SOLE	0	197,838	0	35,962
LULUS FASHION LOUNGE HOLDING	COM	55003A108	72	35,900	SH	SOLE	0	35,900	0	0
LUMENT FINANCE TRUST INC	COM	55025L108	60	28,800	SH	SOLE	0	28,800	0	0
LUMENTUM HLDGS INC	COM	55024U109	24,994	553,200	SH	SOLE	0	553,200	0	0
LUMOS PHARMA INC	COM	55028X109	748	226,714	SH	SOLE	0	226,714	0	0
LUNA INNOVATIONS INC	COM	550351100	166	28,301	SH	SOLE	0	28,301	0	0
LUTHER BURBANK CORP	COM	550550107	1,817	216,268	SH	SOLE	0	216,268	0	0
LUXFER HLDGS PLC	SHS	G5698W116	881	67,500	SH	SOLE	0	67,500	0	0
LUXURBAN HOTELS INC	COM	21985R105	134	28,800	SH	SOLE	0	28,800	0	0
LXP INDUSTRIAL TRUST	COM	529043101	8,377	941,182	SH	SOLE	0	941,182	0	0
LYFT INC	CL A COM	55087P104	5,273	500,299	SH	SOLE	0	500,299	0	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	24,016	253,600	SH	SOLE	0	0	0	253,600
LYRA THERAPEUTICS INC	COM	55234L105	195	49,800	SH	SOLE	0	49,800	0	0
LYTUS TECHNOLOGS HLDGS PTV L	COM	G5851A109	9	46,000	SH	SOLE	0	46,000	0	0
MACATAWA BK CORP	COM	554225102	7,985	891,159	SH	SOLE	0	891,159	0	0
MACERICH CO	COM	554382101	11,512	1,055,200	SH	SOLE	0	1,055,200	0	0
MACROGENICS INC	COM	556099109	3,100	665,150	SH	SOLE	0	665,150	0	0
MADDEN STEVEN LTD	COM	556269108	19,429	611,567	SH	SOLE	0	611,567	0	0
MADISON SQUARE GARDEN ENTMT	COM CL A	558256103	1,435	43,600	SH	SOLE	0	43,600	0	0
MADISON SQUARE GRDN SPRT COR	CL A	55825T103	19,129	108,500	SH	SOLE	0	108,500	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	9,943	68,082	SH	SOLE	0	32,939	0	35,143
MAGIC SOFTWARE ENTERPRISES L	ORD	559166103	4,461	395,164	SH	SOLE	0	383,186	0	11,978
MAGNACHIP SEMICONDUCTOR CORP	COM	55933J203	721	86,788	SH	SOLE	0	86,788	0	0
MAGNA INTL INC	COM	559222401	20,951	390,684	SH	SOLE	0	321,784	0	68,900
MAGNOLIA OIL & GAS CORP	CL A	559663109	4,360	190,300	SH	SOLE	0	190,300	0	0

MAGYAR BANCORP INC	COM	55977T208	130	12,700	SH	SOLE	0	7,986	0	4,714
MAIDEN HOLDINGS LTD	SHS	G5753U112	829	471,221	SH	SOLE	0	471,221	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	351	17,100	SH	SOLE	0	17,100	0	0
MALIBU BOATS INC	COM CL A	56117J100	15,064	307,301	SH	SOLE	0	307,301	0	0
MAMAS CREATIONS INC	COM	56146T103	279	63,900	SH	SOLE	0	63,900	0	0
MAMMOTH ENERGY SVCS INC	COM	56155L108	708	152,572	SH	SOLE	0	152,572	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	60,002	303,560	SH	SOLE	0	303,560	0	0
MANHATTAN BRDG CAP INC	COM	562803106	566	117,928	SH	SOLE	0	117,928	0	0
MANITEX INTL INC	COM	563420108	413	88,440	SH	SOLE	0	77,626	0	10,814
MANNATECH INC	COM NEW	563771203	387	37,399	SH	SOLE	0	37,399	0	0
MANNKIND CORP	COM NEW	56400P706	1,973	477,645	SH	SOLE	0	477,645	0	0
MANPOWERGROUP INC WIS	COM	56418H100	12,586	171,652	SH	SOLE	0	171,652	0	0
MARATHON PETE CORP	COM	56585A102	142,683	942,799	SH	SOLE	0	885,758	0	57,041
MARAVAI LIFESCIENCES HLDGS I	COM CL A	56600D107	26,597	2,659,689	SH	SOLE	0	2,659,689	0	0
MARCHEX INC	CL B	56624R108	2,654	1,830,264	SH	SOLE	0	1,830,264	0	0
MARCUS CORP DEL	COM	566330106	5,242	338,200	SH	SOLE	0	338,200	0	0
MARCUS & MILLICHAP INC	COM	566324109	666	22,700	SH	SOLE	0	22,700	0	0
MARIADB PLC	ORD SHS	G5920M100	35	73,552	SH	SOLE	0	73,552	0	0
MARINEMAX INC	COM	567908108	2,190	66,714	SH	SOLE	0	66,714	0	0
MARINE PRODS CORP	COM	568427108	1,046	73,602	SH	SOLE	0	73,602	0	0
MARIS TECH LTD	ORDINARY SHARES	M68057104	43	45,395	SH	SOLE	0	45,395	0	0
MARKEL GROUP INC	COM	570535104	16,302	11,071	SH	SOLE	0	10,917	0	154
MARKER THERAPEUTICS INC	COM NEW	57055L206	183	40,250	SH	SOLE	0	40,250	0	0
MARKETAXESS HLDGS INC	COM	57060D108	25,874	121,110	SH	SOLE	0	121,110	0	0
MARKETWISE INC	COM CL A	57064P107	248	154,700	SH	SOLE	0	154,700	0	0
MARKFORGED HOLDING CORPORATI	COM	57064N102	958	660,785	SH	SOLE	0	660,785	0	0
MARQETA INC	CLASS A COM	57142B104	56,470	9,443,200	SH	SOLE	0	9,443,200	0	0
MARRIOTT INTL INC NEW	CL A	571903202	16,495	83,916	SH	SOLE	0	83,916	0	0
MARTEN TRANS LTD	COM	573075108	1,965	99,707	SH	SOLE	0	99,707	0	0
MASCO CORP	COM	574599106	25,346	474,200	SH	SOLE	0	474,200	0	0
MASONITE INTL CORP	COM	575385109	3,570	38,300	SH	SOLE	0	38,300	0	0
MASTECH DIGITAL INC	COM	57633B100	1,042	115,727	SH	SOLE	0	92,574	0	23,153
MASTERBRAND INC	COMMON STOCK	57638P104	12,666	1,042,482	SH	SOLE	0	808,031	0	234,451
MASTERCRAFT BOAT HLDGS INC	COM	57637H103	7,013	315,600	SH	SOLE	0	315,600	0	0
MATCH GROUP INC NEW	COM	57667L107	16,959	432,911	SH	SOLE	0	432,911	0	0
MATERIALISE NV	SPONSORED ADS	57667T100	2,842	517,758	SH	SOLE	0	317,206	0	200,552
MATERION CORP	COM	576690101	4,454	43,706	SH	SOLE	0	43,706	0	0
MATINAS BIOPHARMA HLDGS INC	COM	576810105	28	214,337	SH	SOLE	0	214,337	0	0
MATRIX SVC CO	COM	576853105	1,501	127,200	SH	SOLE	0	127,200	0	0
MATTERPORT INC	COM CL A	577096100	288	132,600	SH	SOLE	0	132,600	0	0
MATTHEWS INTL CORP	CL A	577128101	2,344	60,253	SH	SOLE	0	60,253	0	0
MAUI LD & PINEAPPLE INC	COM	577345101	1,417	106,949	SH	SOLE	0	106,949	0	0
MAXCYTE INC	COM	57777K106	659	211,100	SH	SOLE	0	211,100	0	0
MAXEON SOLAR TECHNOLOGIES LT	SHS	Y58473102	2,146	185,200	SH	SOLE	0	185,200	0	0
MAXIMUS INC	COM	577933104	4,354	58,300	SH	SOLE	0	58,300	0	0
MAXLINEAR INC	COM	57776J100	8,593	386,204	SH	SOLE	0	386,204	0	0
MBIA INC	COM	55262C100	783	108,559	SH	SOLE	0	108,559	0	0
MCCORMICK & CO INC	COM NON VTG	579780206	1,316	17,400	SH	SOLE	0	17,400	0	0
MCDONALDS CORP	COM	580135101	250,671	951,530	SH	SOLE	0	833,314	0	118,216
MCKESSON CORP	COM	58155Q103	20,134	46,300	SH	SOLE	0	46,300	0	0
M D C HLDGS INC	COM	552676108	2,007	48,684	SH	SOLE	0	48,684	0	0
MDU RES GROUP INC	COM	552690109	10,326	527,350	SH	SOLE	0	524,999	0	2,351
MEDIAALPHA INC	CL A	58450V104	1,365	165,200	SH	SOLE	0	165,200	0	0
MEDICENNA THERAPEUTICS CORP	COM	58490H107	25	85,113	SH	SOLE	0	85,113	0	0
MEDICINOVA INC	COM NEW	58468P206	313	149,600	SH	SOLE	0	149,600	0	0
MEDIFAST INC	COM	58470H101	56,453	754,210	SH	SOLE	0	754,210	0	0
MEDIWOUND LTD	SHS NEW	M68830112	585	54,944	SH	SOLE	0	54,944	0	0

MEDPACE HLDGS INC	COM	58506Q109	62,757	259,188	SH	SOLE	0	259,188	0	0
MEDTRONIC PLC	SHS	G5960L103	46,361	591,641	SH	SOLE	0	571,288	0	20,353
MEGA MATRIX CORP	COM	007737109	20	22,268	SH	SOLE	0	22,268	0	0
MEI PHARMA INC	COM	55279B301	1,011	144,246	SH	SOLE	0	144,246	0	0
MEIWU TECHNOLOGY COMPANY LTD	ORD SHS	G9604C107	7	61,100	SH	SOLE	0	61,100	0	0
MELCO RESORTS AND ENTMTNT LTD	ADR	585464100	8,725	882,200	SH	SOLE	0	846,880	0	35,320
MERCADOLIBRE INC	COM	58733R102	2,578	2,026	SH	SOLE	0	2,026	0	0
MERCANTILE BK CORP	COM	587376104	16,528	534,713	SH	SOLE	0	534,713	0	0
MERCER INTL INC	COM	588056101	1,832	213,511	SH	SOLE	0	213,511	0	0
MERCHANTS BANCORP IND	COM	58844R108	524	18,900	SH	SOLE	0	18,900	0	0
MERCK & CO INC	COM	58933Y105	37,849	367,643	SH	SOLE	0	367,643	0	0
MERCURY GENL CORP NEW	COM	589400100	35,231	1,256,900	SH	SOLE	0	1,256,900	0	0
MEREO BIOPHARMA GROUP PLC	SPON ADS	589492107	2,229	1,727,570	SH	SOLE	0	1,727,570	0	0
MERIDIAN CORPORATION	COM	58958P104	313	32,000	SH	SOLE	0	32,000	0	0
MERIDIANLINK INC	COMMON STOCK	58985J105	179	10,500	SH	SOLE	0	10,500	0	0
MERITAGE HOMES CORP	COM	59001A102	21,271	173,800	SH	SOLE	0	173,800	0	0
MERIT MED SYS INC	COM	589889104	2,134	30,912	SH	SOLE	0	30,912	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	1,176	925,919	SH	SOLE	0	925,919	0	0
MESA AIR GROUP INC	COM NEW	590479135	187	217,714	SH	SOLE	0	217,714	0	0
MESA LABS INC	COM	59064R109	925	8,800	SH	SOLE	0	8,800	0	0
METALLA RTY & STREAMING LTD	COM NEW	59124U605	492	160,935	SH	SOLE	0	160,935	0	0
METALPHA TECHN HOLDING LTD	SHS	G28365107	61	45,000	SH	SOLE	0	45,000	0	0
META PLATFORMS INC	CL A	30303M102	29,281	97,533	SH	SOLE	0	97,533	0	0
METHANEX CORP	COM	59151K108	9,855	218,748	SH	SOLE	0	218,748	0	0
METHODE ELECTRS INC	COM	591520200	2,054	89,880	SH	SOLE	0	89,880	0	0
METROPOLITAN BK HLDG CORP	COM	591774104	1,464	40,357	SH	SOLE	0	40,357	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	49,420	44,600	SH	SOLE	0	41,894	0	2,706
MEXCO ENERGY CORP	COM	592770101	135	10,400	SH	SOLE	0	10,400	0	0
MFA FINL INC	COM	55272X607	12,228	1,272,450	SH	SOLE	0	1,270,825	0	1,625
MGE ENERGY INC	COM	55277P104	918	13,400	SH	SOLE	0	13,400	0	0
MGIC INVT CORP WIS	COM	552848103	359	21,500	SH	SOLE	0	21,500	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	961	26,140	SH	SOLE	0	15,503	0	10,637
MICROBOT MED INC	COM NEW	59503A204	172	123,594	SH	SOLE	0	123,594	0	0
MICROCHIP TECHNOLOGY INC.	COM	595017104	40,817	522,956	SH	SOLE	0	484,473	0	38,483
MICROSOFT CORP	COM	594918104	364,938	1,155,782	SH	SOLE	0	824,055	0	331,727
MICROVAST HOLDINGS INC	COM	59516C106	545	288,160	SH	SOLE	0	288,160	0	0
MID-AMER APT CMNTYS INC	COM	59522J103	21,478	166,949	SH	SOLE	0	166,949	0	0
MIDDLEFIELD BANC CORP	COM NEW	596304204	1,012	39,812	SH	SOLE	0	39,812	0	0
MIDDLESEX WTR CO	COM	596680108	13,389	202,100	SH	SOLE	0	202,100	0	0
M/I HOMES INC	COM	55305B101	3,303	39,300	SH	SOLE	0	39,300	0	0
MILESTONE SCIENTIFIC INC	COM NEW	59935P209	26	27,897	SH	SOLE	0	27,897	0	0
MILLER INDS INC TENN	COM NEW	600551204	2,309	58,900	SH	SOLE	0	58,900	0	0
MILLERKNOLL INC	COM	600544100	3,379	138,183	SH	SOLE	0	138,183	0	0
MILLICOM INTL CELLULAR S A	COM STK	L6388F110	3,521	227,757	SH	SOLE	0	211,947	0	15,810
MIMEDX GROUP INC	COM	602496101	7,896	1,083,085	SH	SOLE	0	1,083,085	0	0
MIND TECHNOLOGY INC	COM	602566101	262	513,755	SH	SOLE	0	513,755	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	1,698	31,001	SH	SOLE	0	31,001	0	0
MINERALYS THERAPEUTICS INC	COM	603170101	910	95,690	SH	SOLE	0	95,690	0	0
MINERVA NEUROSCIENCES INC	COM NEW	603380205	650	94,200	SH	SOLE	0	94,200	0	0
MINGZHU LOGISTICS HLDGS LTD	COM	G6180C105	13	28,200	SH	SOLE	0	28,200	0	0
MINIM INC	COM NEW	60365W201	17	11,800	SH	SOLE	0	11,800	0	0
MINISO GROUP HLDG LTD	SPONSORED ADS	66981J102	5,455	210,600	SH	SOLE	0	210,600	0	0
MINK THERAPEUTICS INC	COM	603693102	63	57,704	SH	SOLE	0	57,704	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	2,171	68,700	SH	SOLE	0	68,700	0	0
MISSFRESH LTD	SPON ADS NEW	60500F204	53	58,147	SH	SOLE	0	58,147	0	0
MISTER CAR WASH INC	COM	60646V105	662	120,200	SH	SOLE	0	120,200	0	0
MISTRAS GROUP INC	COM	60649T107	467	85,700	SH	SOLE	0	85,700	0	0

MITEK SYS INC	COM NEW	606710200	5,049	471,000	SH	SOLE	0	471,000	0	0
MITSUBISHI UFJ FINL GROUP IN	SPONSORED ADS	606822104	6,351	748,000	SH	SOLE	0	748,000	0	0
MIX TELEMATICS LTD	SPONSORED ADR	60688N102	2,453	444,305	SH	SOLE	0	441,493	0	2,812
MIZUHO FINANCIAL GROUP INC	SPONSORED ADR	60687Y109	7,547	2,200,146	SH	SOLE	0	2,188,233	0	11,913
MKS INSTRS INC	COM	55306N104	12,176	140,703	SH	SOLE	0	140,703	0	0
MODEL N INC	COM	607525102	21,621	885,726	SH	SOLE	0	885,726	0	0
MODINE MFG CO	COM	607828100	3,170	69,290	SH	SOLE	0	69,290	0	0
MODIVCARE INC	COM	60783X104	11,211	355,799	SH	SOLE	0	355,799	0	0
MODULAR MED INC	COM NEW	60785L207	17	14,500	SH	SOLE	0	14,500	0	0
MOGU INC	SPON ADS	608012308	48	22,757	SH	SOLE	0	22,757	0	0
MOHAWK INDS INC	COM	608190104	24,868	289,800	SH	SOLE	0	289,800	0	0
MOLECULAR TEMPLATES INC	COM NEW	608550208	100	15,758	SH	SOLE	0	15,758	0	0
MOLECULIN BIOTECH INC	COM	60855D200	51	120,200	SH	SOLE	0	120,200	0	0
MOLINA HEALTHCARE INC	COM	60855R100	281,407	858,237	SH	SOLE	0	858,237	0	0
MOLSON COORS BEVERAGE CO	CL B	60871R209	8,267	130,000	SH	SOLE	0	130,000	0	0
MONARCH CASINO & RESORT INC	COM	609027107	3,664	59,000	SH	SOLE	0	59,000	0	0
MONDAY COM LTD	SHS	M7S64H106	124,797	783,800	SH	SOLE	0	783,800	0	0
MONEYLION INC	CL A	60938K304	640	29,563	SH	SOLE	0	29,563	0	0
MONGODB INC	CL A	60937P106	131,562	380,391	SH	SOLE	0	203,208	0	177,183
MONOLITHIC PWR SYS INC	COM	609839105	87,034	188,386	SH	SOLE	0	126,087	0	62,299
MONRO INC	COM	610236101	5,504	198,205	SH	SOLE	0	193,169	0	5,036
MONSTER BEVERAGE CORP NEW	COM	61174X109	247,191	4,668,382	SH	SOLE	0	4,668,382	0	0
MONTAUK RENEWABLES INC	COM	61218C103	951	104,400	SH	SOLE	0	104,400	0	0
MONTE ROSA THERAPEUTICS INC	COM	61225M102	438	91,500	SH	SOLE	0	91,500	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	2,978	101,763	SH	SOLE	0	101,763	0	0
MOOG INC	CL A	615394202	2,293	20,300	SH	SOLE	0	20,300	0	0
MOOG INC	CL B	615394301	665	5,900	SH	SOLE	0	5,900	0	0
MOONLAKE IMMUNOTHERAPEUTICS	CLASS A ORD	61559X104	764	13,396	SH	SOLE	0	13,396	0	0
MORNINGSTAR INC	COM	617700109	62,027	264,800	SH	SOLE	0	264,800	0	0
MORPHIC HLDG INC	COM	61775R105	2,474	108,000	SH	SOLE	0	77,996	0	30,004
MOVADO GROUP INC	COM	624580106	1,179	43,100	SH	SOLE	0	43,100	0	0
MOVELLA HOLDINGS INC	COM	62459N105	55	102,045	SH	SOLE	0	102,045	0	0
MOVING IMAGE TECHNOLOGIES IN	COMMON STOCK	62464R109	20	22,900	SH	SOLE	0	22,900	0	0
MOXIAN BVI INC	ORDINARY SHARES	G6S34K105	11	11,500	SH	SOLE	0	11,500	0	0
MP MATERIALS CORP	COM CL A	553368101	44,785	2,344,749	SH	SOLE	0	2,344,749	0	0
MRC GLOBAL INC	COM	55345K103	8,269	806,700	SH	SOLE	0	806,700	0	0
MR COOPER GROUP INC	COM	62482R107	4,022	75,099	SH	SOLE	0	75,099	0	0
MSA SAFETY INC	COM	553498106	13,637	86,500	SH	SOLE	0	86,500	0	0
MSC INDL DIRECT INC	CL A	553530106	11,395	116,100	SH	SOLE	0	116,100	0	0
M-TRON INDS INC	COM	55380K109	624	35,251	SH	SOLE	0	31,752	0	3,499
MUELLER INDS INC	COM	624756102	1,248	16,600	SH	SOLE	0	16,600	0	0
MUELLER WTR PRODS INC	COM SER A	624758108	198	15,600	SH	SOLE	0	15,600	0	0
MULTIPLAN CORPORATION	COM	62548M100	2,255	1,342,100	SH	SOLE	0	1,342,100	0	0
MULTI WAYS HOLDINGS LIMITED	ORDINARY SHARES	G6362F108	10	23,369	SH	SOLE	0	23,369	0	0
MURPHY OIL CORP	COM	626717102	272	6,000	SH	SOLE	0	6,000	0	0
MURPHY USA INC	COM	626755102	169,840	497,000	SH	SOLE	0	497,000	0	0
MUSTANG BIO INC	COM NEW	62818Q203	91	44,190	SH	SOLE	0	44,190	0	0
MVB FINL CORP	COM	553810102	215	9,500	SH	SOLE	0	9,500	0	0
MYERS INDS INC	COM	628464109	22,421	1,250,497	SH	SOLE	0	1,250,497	0	0
MYOMO INC	COM NEW	62857J201	54	48,200	SH	SOLE	0	48,200	0	0
N-ABLE INC	COMMON STOCK	62878D100	4,301	333,400	SH	SOLE	0	333,400	0	0
NABORS INDUSTRIES LTD	SHS	G6359F137	11,982	97,300	SH	SOLE	0	97,300	0	0
NACCO INDS INC	CL A	629579103	6,745	192,318	SH	SOLE	0	192,318	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	410	238,600	SH	SOLE	0	238,600	0	0
NANOVIRICIDES INC	COM	630087302	102	76,100	SH	SOLE	0	76,100	0	0
NAPCO SEC TECHNOLOGIES INC	COM	630402105	1,353	60,800	SH	SOLE	0	60,800	0	0
NASDAQ INC	COM	631103108	28,809	592,900	SH	SOLE	0	592,900	0	0

NATERA INC	COM	632307104	5,208	117,700	SH	SOLE	0	117,700	0	0
NATHANS FAMOUS INC NEW	COM	632347100	11,910	168,556	SH	SOLE	0	165,756	0	2,800
NATIONAL BANKSHARES INC VA	COM	634865109	623	24,870	SH	SOLE	0	24,870	0	0
NATIONAL BEVERAGE CORP	COM	635017106	166,837	3,548,211	SH	SOLE	0	3,548,211	0	0
NATIONAL BK HLDGS CORP	CL A	633707104	28,558	959,600	SH	SOLE	0	959,600	0	0
NATIONAL FUEL GAS CO	COM	636180101	13,818	266,200	SH	SOLE	0	266,200	0	0
NATIONAL GRID PLC	SPONSORED ADR NE	636274409	213,506	3,521,454	SH	SOLE	0	3,521,454	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	27,362	427,667	SH	SOLE	0	427,667	0	0
NATIONAL HEALTH INVS INC	COM	63633D104	3,128	60,900	SH	SOLE	0	60,900	0	0
NATIONAL INSTRS CORP	COM	636518102	28,514	478,266	SH	SOLE	0	478,266	0	0
NATIONAL PRESTO INDS INC	COM	637215104	13,144	181,400	SH	SOLE	0	181,400	0	0
NATIONAL RESH CORP	COM NEW	637372202	16,301	367,384	SH	SOLE	0	367,384	0	0
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	654	20,600	SH	SOLE	0	20,600	0	0
NATIONAL VISION HLDGS INC	COM	63845R107	272	16,800	SH	SOLE	0	16,800	0	0
NATIONAL WESTN LIFE GROUP IN	CL A	638517102	1,050	2,400	SH	SOLE	0	2,100	0	300
NATURA & CO HLDG S A	ADS	63884N108	3,867	670,237	SH	SOLE	0	670,237	0	0
NATURAL ALTERNATIVES INTL IN	COM NEW	638842302	2,257	347,756	SH	SOLE	0	347,756	0	0
NATURAL GAS SVCS GROUP INC	COM	63886Q109	6,981	479,490	SH	SOLE	0	416,423	0	63,067
NATURAL GROCERS BY VITAMIN C	COM	63888U108	7,003	542,409	SH	SOLE	0	542,409	0	0
NATURAL HEALTH TRENDS CORP	COM	63888P406	3,618	682,715	SH	SOLE	0	682,715	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	8,742	527,597	SH	SOLE	0	527,597	0	0
NATWEST GROUP PLC	SPONS ADR	639057207	2,136	366,400	SH	SOLE	0	366,400	0	0
NAUTILUS BIOTECHNOLOGY INC	COM	63909J108	369	116,800	SH	SOLE	0	116,800	0	0
NAUTILUS INC	COM	63910B102	446	524,600	SH	SOLE	0	524,600	0	0
NAVIENT CORPORATION	COM	63938C108	1,164	67,600	SH	SOLE	0	67,600	0	0
NAVIGATOR HLDGS LTD	SHS	Y62132108	5,329	360,800	SH	SOLE	0	360,800	0	0
NAVIOS MARITIME HOLDINGS INC	COM	Y62197119	956	477,772	SH	SOLE	0	477,772	0	0
NAVITAS SEMICONDUCTOR CORP	COM	63942X106	2,913	419,200	SH	SOLE	0	419,200	0	0
NBT BANCORP INC	COM	628778102	1,072	33,839	SH	SOLE	0	33,839	0	0
NEKTAR THERAPEUTICS	COM	640268108	2,089	3,506,681	SH	SOLE	0	3,506,681	0	0
NELNET INC	CL A	64031N108	563	6,300	SH	SOLE	0	6,300	0	0
NEOGAMES S A	SHS	L6673X107	4,285	158,700	SH	SOLE	0	158,700	0	0
NEOGENOMICS INC	COM NEW	64049M209	2,744	223,100	SH	SOLE	0	223,100	0	0
NEOLEUKIN THERAPEUTICS INC	COM NEW	64049K203	646	163,447	SH	SOLE	0	163,447	0	0
NEONODE INC	COM PAR	64051M709	36	22,190	SH	SOLE	0	22,190	0	0
NEOS ETF TRUST	NEOS S&P 500 HI	78433H303	840	17,900	SH	SOLE	0	17,900	0	0
NERDWALLET INC	COM CL A	64082B102	2,094	235,600	SH	SOLE	0	235,600	0	0
NERDY INC	CL A COM	64081V109	1,894	511,900	SH	SOLE	0	511,900	0	0
NETAPP INC	COM	64110D104	65,372	861,512	SH	SOLE	0	861,512	0	0
NETEASE INC	SPONSORED ADS	64110W102	59,575	594,800	SH	SOLE	0	594,800	0	0
NETFLIX INC	COM	64110L106	522,108	1,382,700	SH	SOLE	0	1,273,948	0	108,752
NETGEAR INC	COM	64111Q104	2,463	195,618	SH	SOLE	0	195,618	0	0
NETSCOUT SYS INC	COM	64115T104	5,498	196,200	SH	SOLE	0	196,200	0	0
NETSOL TECHNOLOGIES INC	COM PAR \$.001	64115A402	872	481,801	SH	SOLE	0	475,374	0	6,427
NETWORK-1 TECHNOLOGIES INC	COM	64121N109	1,269	542,144	SH	SOLE	0	542,144	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	178,893	1,590,164	SH	SOLE	0	1,590,164	0	0
NEUROMETRIX INC	COM	641255807	22	30,063	SH	SOLE	0	30,063	0	0
NEURONETICS INC	COM	64131A105	443	328,475	SH	SOLE	0	204,518	0	123,957
NEUROPACE INC	COM	641288105	431	44,285	SH	SOLE	0	44,285	0	0
NEVRO CORP	COM	64157F103	3,877	201,700	SH	SOLE	0	201,700	0	0
NEW CONCEPT ENERGY INC	COM	643611106	15	12,973	SH	SOLE	0	12,973	0	0
NEWELL BRANDS INC	COM	651229106	967	107,127	SH	SOLE	0	107,127	0	0
NEW GOLD INC CDA	COM	644535106	14,196	15,598,764	SH	SOLE	0	15,598,764	0	0
NEW JERSEY RES CORP	COM	646025106	6,919	170,300	SH	SOLE	0	170,300	0	0
NEWMARKET CORP	COM	651587107	5,142	11,300	SH	SOLE	0	11,300	0	0
NEWMONT CORP	COM	651639106	1,750	47,300	SH	SOLE	0	5,100	0	42,200
NEW ORIENTAL ED & TECHNOLOGY	SPON ADR	647581206	211,060	3,604,786	SH	SOLE	0	3,333,876	0	270,910

NEW PAC METALS CORP	COM	64782A107	28	15,700	SH	SOLE	0	15,700	0	0
NEWARK RES INC	COM PAR \$.01NEW	651718504	2,220	321,263	SH	SOLE	0	321,263	0	0
NEW RELIC INC	COM	64829B100	48,273	563,800	SH	SOLE	0	563,800	0	0
NEWS CORP NEW	CL B	65249B208	4,861	232,930	SH	SOLE	0	232,930	0	0
NEW YORK TIMES CO	CL A	650111107	112,202	2,723,342	SH	SOLE	0	2,723,342	0	0
NEXA RES S A	COM	L67359106	1,885	311,500	SH	SOLE	0	311,500	0	0
NEXGEL INC	COM	65344E107	53	25,031	SH	SOLE	0	25,031	0	0
NEXIMMUNE INC	COM	65344D109	14	65,500	SH	SOLE	0	65,500	0	0
NEXPOINT REAL ESTATE FIN INC	COM	65342V101	617	37,700	SH	SOLE	0	37,700	0	0
NEXPOINT RESIDENTIAL TR INC	COM	65341D102	6,997	217,438	SH	SOLE	0	217,438	0	0
NEXTCURE INC	COM	65343E108	323	250,200	SH	SOLE	0	250,200	0	0
NEXTDOOR HOLDINGS INC	COM CL A	65345M108	3,142	1,726,300	SH	SOLE	0	1,726,300	0	0
NEXTERA ENERGY INC	COM	65339F101	132,185	2,307,300	SH	SOLE	0	1,908,220	0	399,080
NEXTRACKER INC	CLASS A COM	65290E101	16,474	410,200	SH	SOLE	0	391,260	0	18,940
NGM BIOPHARMACEUTICALS INC	COM	62921N105	559	522,327	SH	SOLE	0	522,327	0	0
NICE LTD	SPONSORED ADR	653656108	8,507	50,044	SH	SOLE	0	50,044	0	0
NICHOLAS FINL INC BC	COM NEW	65373J209	1,721	359,976	SH	SOLE	0	359,976	0	0
NIGHTHAWK BIOSCIENCES INC	COM	42237K409	46	86,673	SH	SOLE	0	86,673	0	0
NI HLDGS INC	COM	65342T106	737	57,291	SH	SOLE	0	57,291	0	0
NIKE INC	CL B	654106103	353,114	3,692,884	SH	SOLE	0	3,444,689	0	248,195
NINE ENERGY SERVICE INC	COM	65441V101	2,126	515,936	SH	SOLE	0	515,936	0	0
NIO INC	SPON ADS	62914V106	37,963	4,199,394	SH	SOLE	0	4,199,394	0	0
NISOURCE INC	COM	65473P105	2,589	104,900	SH	SOLE	0	104,900	0	0
NISUN INTL ENT DVPMT GP CO L	SHS NEW	G6593L122	63	26,468	SH	SOLE	0	26,468	0	0
NIU TECHNOLOGIES	ADS	65481N100	818	289,000	SH	SOLE	0	289,000	0	0
NKARTA INC	COM	65487U108	712	512,572	SH	SOLE	0	512,572	0	0
NLIGHT INC	COM	65487K100	456	43,810	SH	SOLE	0	43,810	0	0
NL INDS INC	COM NEW	629156407	730	153,602	SH	SOLE	0	153,602	0	0
NLS PHARMACEUTICS LTD	SHS	H57830103	15	21,100	SH	SOLE	0	21,100	0	0
NMI HLDGS INC	CL A	629209305	5,182	191,300	SH	SOLE	0	191,300	0	0
NN INC	COM	629337106	70	37,500	SH	SOLE	0	37,500	0	0
NNN REIT INC	COM	637417106	15,341	434,100	SH	SOLE	0	434,100	0	0
NOAH HLDGS LTD	SPON ADS CL A	65487X102	1,020	81,800	SH	SOLE	0	81,800	0	0
NOKIA CORP	SPONSORED ADR	654902204	21,788	5,825,600	SH	SOLE	0	5,825,600	0	0
NOMAD FOODS LTD	USD ORD SHS	G6564A105	62,167	4,084,579	SH	SOLE	0	4,084,579	0	0
NOMURA HLDGS INC	SPONSORED ADR	65535H208	797	198,290	SH	SOLE	0	198,290	0	0
NORDIC AMERICAN TANKERS LIMI	COM	G65773106	4,339	1,053,200	SH	SOLE	0	1,053,200	0	0
NORDSON CORP	COM	655663102	12,144	54,414	SH	SOLE	0	54,414	0	0
NORFOLK SOUTHN CORP	COM	655844108	51,852	263,300	SH	SOLE	0	214,385	0	48,915
NORTECH SYS INC	COM	656553104	468	50,559	SH	SOLE	0	47,764	0	2,795
NORTH AMERN CONSTR GROUP LTD	COM	656811106	12,086	556,500	SH	SOLE	0	434,800	0	121,700
NORTHEAST BK LEWISTON ME	COM	66405S100	7,155	162,245	SH	SOLE	0	162,245	0	0
NORTHEAST CMNTY BANCORP INC	COM	664121100	1,956	132,500	SH	SOLE	0	132,500	0	0
NORTHERN DYNASTY MINERALS LT	COM NEW	66510M204	137	420,880	SH	SOLE	0	0	0	420,880
NORTHERN TECHNOLOGIES INTL C	COM	665809109	1,433	107,177	SH	SOLE	0	107,177	0	0
NORTHERN TR CORP	COM	665859104	18,064	259,983	SH	SOLE	0	259,983	0	0
NORTHFIELD BANCORP INC DEL	COM	66611T108	13,359	1,413,649	SH	SOLE	0	1,413,649	0	0
NORTHRIM BANCORP INC	COM	666762109	931	23,500	SH	SOLE	0	23,500	0	0
NORTHROP GRUMMAN CORP	COM	666807102	10,609	24,100	SH	SOLE	0	18,265	0	5,835
NORTHWEST BANCSHARES INC MD	COM	667340103	638	62,414	SH	SOLE	0	62,414	0	0
NORTHWESTERN CORP	COM NEW	668074305	14,078	292,926	SH	SOLE	0	286,273	0	6,653
NORTHWEST NAT HLDG CO	COM	66765N105	2,763	72,400	SH	SOLE	0	72,400	0	0
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	23,106	1,402,067	SH	SOLE	0	1,380,567	0	21,500
NORWOOD FINL CORP	COM	669549107	1,141	44,275	SH	SOLE	0	44,275	0	0
NOVABAY PHARMACEUTICALS INC	COM	66987P300	26	58,823	SH	SOLE	0	58,823	0	0
NOVA LTD	COM	M7516K103	95,809	852,086	SH	SOLE	0	852,086	0	0
NOVARTIS AG	SPONSORED ADR	66987V109	268,589	2,636,845	SH	SOLE	0	2,464,491	0	172,354

NOVO-NORDISK A S	ADR	670100205	1,475,909	16,229,476	SH	SOLE	0	16,229,476	0	0
NOW INC	COM	67011P100	47,685	4,017,292	SH	SOLE	0	4,017,292	0	0
NRG ENERGY INC	COM NEW	629377508	11,056	287,016	SH	SOLE	0	287,016	0	0
NRX PHARMACEUTICALS INC	COM	629444100	43	163,780	SH	SOLE	0	163,780	0	0
NUCANA PLC	SPONSORED ADR	67022C106	217	355,933	SH	SOLE	0	355,933	0	0
NU HLDGS LTD	ORD SHS CL A	G6683N103	117,317	16,181,700	SH	SOLE	0	16,091,510	0	90,190
NURIX THERAPEUTICS INC	COM	67080M103	211	26,800	SH	SOLE	0	26,800	0	0
NU SKIN ENTERPRISES INC	CL A	67018T105	42,299	1,994,296	SH	SOLE	0	1,994,296	0	0
NUTANIX INC	CL A	67059N108	50,032	1,434,393	SH	SOLE	0	1,434,393	0	0
NUTEX HEALTH INC	COM	67079U108	5	23,800	SH	SOLE	0	23,800	0	0
NUTRIEN LTD	COM	67077M108	14,297	231,485	SH	SOLE	0	231,485	0	0
NUVATION BIO INC	COM CL A	67080N101	523	390,000	SH	SOLE	0	390,000	0	0
NUVECTIS PHARMA INC	COM	67080T108	327	25,400	SH	SOLE	0	25,400	0	0
NUVVE HOLDING CORP	COM	67079Y100	27	78,311	SH	SOLE	0	78,311	0	0
NVE CORP	COM NEW	629445206	12,543	152,700	SH	SOLE	0	152,700	0	0
NVENT ELECTRIC PLC	SHS	G6700G107	9,824	185,400	SH	SOLE	0	185,400	0	0
NVIDIA CORPORATION	COM	67066G104	526,029	1,209,287	SH	SOLE	0	1,109,682	0	99,605
NVR INC	COM	62944T105	7,573	1,270	SH	SOLE	0	1,060	0	210
OAK VY BANCORP OAKDALE CALIF	COM	671807105	1,207	48,129	SH	SOLE	0	33,717	0	14,412
OATLY GROUP AB	SPONSORED ADS	67421J108	59	65,300	SH	SOLE	0	65,300	0	0
OBLONG INC	COM NEW	674434204	23	54,977	SH	SOLE	0	54,977	0	0
OBSIDIAN ENERGY LTD	COM	674482203	129	15,700	SH	SOLE	0	14,700	0	1,000
OCEANEERING INTL INC	COM	675232102	1,718	66,800	SH	SOLE	0	66,800	0	0
OCEANFIRST FINL CORP	COM	675234108	2,903	200,652	SH	SOLE	0	200,652	0	0
OCUGEN INC	COM	67577C105	368	921,151	SH	SOLE	0	921,151	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	393	125,200	SH	SOLE	0	125,200	0	0
ODDITY TECH LTD	SHS CL A	M7518J104	1,311	46,238	SH	SOLE	0	46,238	0	0
OFFERPAD SOLUTIONS INC	COM CL A	67623L307	367	37,653	SH	SOLE	0	37,653	0	0
OFB BANCORP	COM	67103X102	1,603	53,700	SH	SOLE	0	53,700	0	0
OGE ENERGY CORP	COM	670837103	9,813	294,409	SH	SOLE	0	294,409	0	0
OHIO VY BANC CORP	COM	677719106	547	22,575	SH	SOLE	0	14,175	0	8,400
O-I GLASS INC	COM	67098H104	7,687	459,500	SH	SOLE	0	459,500	0	0
OIL DRI CORP AMER	COM	677864100	16,175	261,949	SH	SOLE	0	261,949	0	0
OIL STS INTL INC	COM	678026105	2,003	239,300	SH	SOLE	0	239,300	0	0
OKTA INC	CL A	679295105	60,864	746,700	SH	SOLE	0	728,986	0	17,714
OKYO PHARMA LTD	SHS NEW	G6724L116	30	16,347	SH	SOLE	0	16,347	0	0
OLAPLEX HLDGS INC	COM	679369108	3,446	1,767,387	SH	SOLE	0	1,767,387	0	0
OLD DOMINION FREIGHT LINE IN	COM	679580100	12,741	31,141	SH	SOLE	0	31,141	0	0
OLD POINT FINL CORP	COM	680194107	487	26,635	SH	SOLE	0	24,424	0	2,211
OLD REP INTL CORP	COM	680223104	12,618	468,385	SH	SOLE	0	468,385	0	0
OLD SECOND BANCORP INC ILL	COM	680277100	4,797	352,425	SH	SOLE	0	352,425	0	0
OLEMA PHARMACEUTICALS INC	COM	68062P106	3,835	310,500	SH	SOLE	0	310,500	0	0
OLIN CORP	COM PAR \$1	680665205	22,576	451,700	SH	SOLE	0	451,700	0	0
OLO INC	CL A	68134L109	3,292	543,200	SH	SOLE	0	543,200	0	0
OLYMPIC STEEL INC	COM	68162K106	3,513	62,505	SH	SOLE	0	62,505	0	0
OMEGA FLEX INC	COM	682095104	2,305	29,280	SH	SOLE	0	29,280	0	0
OMEROS CORP	COM	682143102	183	62,800	SH	SOLE	0	62,800	0	0
OMNIAB INC	COM	68218J103	415	79,959	SH	SOLE	0	79,959	0	0
OMNICELL COM	COM	68213N109	9,812	217,843	SH	SOLE	0	209,549	0	8,294
ON24 INC	COM	68339B104	3,197	505,134	SH	SOLE	0	505,134	0	0
ONCOCYTE CORP	COM NEW	68235C206	38	12,218	SH	SOLE	0	12,218	0	0
ONCONOVA THERAPEUTICS INC	COM NEW	68232V801	131	183,694	SH	SOLE	0	183,694	0	0
ONCTERNAL THERAPEUTICS INC	COM	68236P107	94	313,300	SH	SOLE	0	313,300	0	0
ONECONNECT FINL TECHNOLOGY C	SPONSORED ADS	68248T204	249	79,660	SH	SOLE	0	79,660	0	0
ONE LIBERTY PPTYS INC	COM	682406103	12,963	686,974	SH	SOLE	0	686,974	0	0
ONEOK INC NEW	COM	682680103	58,593	923,747	SH	SOLE	0	923,747	0	0
ONESPAN INC	COM	68287N100	1,092	101,570	SH	SOLE	0	101,570	0	0

ONESPAWORLD HOLDINGS LIMITED	COM	P73684113	10,353	922,700	SH	SOLE	0	922,700	0	0
ONE STOP SYS INC	COM	68247W109	71	38,500	SH	SOLE	0	38,500	0	0
ONEWATER MARINE INC	CL A COM	68280L101	251	9,800	SH	SOLE	0	9,800	0	0
ONTO INNOVATION INC	COM	683344105	1,004	7,874	SH	SOLE	0	7,874	0	0
OOMA INC	COM	683416101	10,316	792,903	SH	SOLE	0	792,903	0	0
OP BANCORP	COM	67109R109	500	54,591	SH	SOLE	0	54,591	0	0
OPENDOOR TECHNOLOGIES INC	COM	683712103	70,782	26,811,544	SH	SOLE	0	26,811,544	0	0
OPEN LENDING CORP	COM	68373J104	5,031	687,317	SH	SOLE	0	687,317	0	0
OPEN TEXT CORP	COM	683715106	1,561	44,400	SH	SOLE	0	7,600	0	36,800
OPKO HEALTH INC	COM	68375N103	1,294	808,643	SH	SOLE	0	808,643	0	0
OPORTUN FINL CORP	COM	68376D104	743	102,900	SH	SOLE	0	102,900	0	0
OPPENHEIMER HLDGS INC	CL A NON VTG	683797104	1,387	36,200	SH	SOLE	0	34,650	0	1,550
OPPFI INC	COM CL A	68386H103	745	295,833	SH	SOLE	0	295,833	0	0
OPTICAL CABLE CORP	COM NEW	683827208	281	93,903	SH	SOLE	0	93,903	0	0
OPTIMUMBANK HLDGS INC	COM	68401P403	132	41,500	SH	SOLE	0	41,500	0	0
OPTINOSE INC	COM	68404V100	101	82,300	SH	SOLE	0	82,300	0	0
OPTION CARE HEALTH INC	COM NEW	68404L201	15,943	492,830	SH	SOLE	0	439,798	0	53,032
ORAGENICS INC	COM	684023500	40	13,528	SH	SOLE	0	13,528	0	0
ORAMED PHARMACEUTICALS INC	COM NEW	68403P203	116	44,300	SH	SOLE	0	44,300	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	10,536	1,776,712	SH	SOLE	0	1,776,712	0	0
ORCHARD THERAPEUTICS PLC	SPON ADS NEW	68570P200	888	114,818	SH	SOLE	0	114,818	0	0
ORCHID IS CAP INC	COM NEW	68571X301	5,305	623,360	SH	SOLE	0	623,360	0	0
OREILLY AUTOMOTIVE INC	COM	67103H107	34,440	37,894	SH	SOLE	0	37,894	0	0
ORGANIGRAM HLDGS INC	COM	68620P705	608	460,948	SH	SOLE	0	460,948	0	0
ORGANOGENESIS HLDGS INC	COM	68621F102	2,175	684,094	SH	SOLE	0	684,094	0	0
ORGANON & CO	COMMON STOCK	68622V106	792	45,637	SH	SOLE	0	45,637	0	0
ORGANOVO HLDGS INC	COM NEW	68620A203	136	109,187	SH	SOLE	0	109,187	0	0
ORGENESIS INC	COM NEW	68619K204	27	43,604	SH	SOLE	0	43,604	0	0
ORIC PHARMACEUTICALS INC	COM	68622P109	2,298	379,800	SH	SOLE	0	379,800	0	0
ORIENTAL CULTURE HOLDING LTD	ORD SHS	G6796W107	72	103,900	SH	SOLE	0	103,900	0	0
ORIGIN BANCORP INC	COM	68621T102	990	34,300	SH	SOLE	0	34,300	0	0
ORIGIN MATERIALS INC	COM	68622D106	191	149,300	SH	SOLE	0	149,300	0	0
ORION ENERGY SYS INC	COM	686275108	1,604	1,272,907	SH	SOLE	0	1,272,907	0	0
ORION GROUP HLDGS INC	COM	68628V308	1,414	263,897	SH	SOLE	0	263,897	0	0
ORION OFFICE REIT INC	COM	68629Y103	6,006	1,152,800	SH	SOLE	0	1,152,800	0	0
ORION S.A.	COM	L72967109	19,720	926,701	SH	SOLE	0	926,701	0	0
ORLA MNG LTD NEW	COM	68634K106	99	27,600	SH	SOLE	0	27,600	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	7,632	109,157	SH	SOLE	0	109,157	0	0
ORRSTOWN FINL SVCS INC	COM	687380105	3,427	163,099	SH	SOLE	0	163,099	0	0
ORTHOFIX MED INC	COM	68752M108	6,761	525,736	SH	SOLE	0	525,736	0	0
OSCAR HEALTH INC	CL A	687793109	17,080	3,066,500	SH	SOLE	0	3,066,500	0	0
OSHKOSH CORP	COM	688239201	7,949	83,300	SH	SOLE	0	83,300	0	0
OSISKO GOLD ROYALTIES LTD	COM	68827L101	6,937	590,174	SH	SOLE	0	444,200	0	145,974
OSI SYSTEMS INC	COM	671044105	742	6,283	SH	SOLE	0	6,283	0	0
OSTIN TECHNOLOGY GROUP CO LT	ORDINARY SHARES	G67927106	15	21,300	SH	SOLE	0	21,300	0	0
OTIS WORLDWIDE CORP	COM	68902V107	29,530	367,700	SH	SOLE	0	367,700	0	0
OTONOMO TECHNOLOGIES LTD	SHS NEW	M7571L129	68	17,014	SH	SOLE	0	17,014	0	0
OTTER TAIL CORP	COM	689648103	456	6,004	SH	SOLE	0	6,004	0	0
OUTBRAIN INC	COM	69002R103	391	80,300	SH	SOLE	0	80,300	0	0
OUTSET MED INC	COM	690145107	1,295	119,000	SH	SOLE	0	119,000	0	0
OVERSEAS SHIPHOLDING GROUP I	CL A NEW	69036R863	5,511	1,255,279	SH	SOLE	0	916,659	0	338,620
OVERSTOCK COM INC DEL	COM	690370101	12,096	764,600	SH	SOLE	0	744,255	0	20,345
OVID THERAPEUTICS INC	COM	690469101	310	80,800	SH	SOLE	0	80,800	0	0
OWENS & MINOR INC NEW	COM	690732102	18,398	1,138,500	SH	SOLE	0	1,138,500	0	0
OWLET INC	CL A NEW	69120X206	73	16,198	SH	SOLE	0	16,198	0	0
OXFORD INDS INC	COM	691497309	2,549	26,521	SH	SOLE	0	25,489	0	1,032
P10 INC	COM CL A	69376K106	2,025	173,800	SH	SOLE	0	173,800	0	0

P3 HEALTH PARTNERS INC	COM CL A	744413105	533	362,785	SH	SOLE	0	362,785	0	0
PACCAR INC	COM	693718108	70,219	825,916	SH	SOLE	0	825,916	0	0
PACER FDS TR	PACER US SMALL	69374H857	300	7,200	SH	SOLE	0	7,200	0	0
PACER FDS TR	TRENDP US LAR CP	69374H105	847	21,200	SH	SOLE	0	21,200	0	0
PACER FDS TR	US CASH COWS 100	69374H881	2,051	41,500	SH	SOLE	0	41,500	0	0
PACIFIC BIOSCIENCES CALIF IN	COM	69404D108	2,727	326,622	SH	SOLE	0	326,622	0	0
PACIFIC PREMIER BANCORP	COM	69478X105	1,909	87,728	SH	SOLE	0	87,728	0	0
PACIRA BIOSCIENCES INC	COM	695127100	49,517	1,613,997	SH	SOLE	0	1,613,997	0	0
PACTIV EVERGREEN INC	COM	69526K105	1,567	192,700	SH	SOLE	0	192,700	0	0
PAGERDUTY INC	COM	69553P100	33,341	1,482,500	SH	SOLE	0	1,482,500	0	0
PALANTIR TECHNOLOGIES INC	CL A	69608A108	697,674	43,604,653	SH	SOLE	0	43,604,653	0	0
PALATIN TECHNOLOGIES INC	COM NEW	696077502	18	11,664	SH	SOLE	0	11,664	0	0
PALO ALTO NETWORKS INC	COM	697435105	38,706	165,100	SH	SOLE	0	165,100	0	0
PALOMAR HLDGS INC	COM	69753M105	629	12,400	SH	SOLE	0	12,400	0	0
PALTALK INC	COM	69764K106	84	46,320	SH	SOLE	0	46,320	0	0
PAMPA ENERGIA S A	SPONS ADR LVL I	697660207	738	19,760	SH	SOLE	0	0	0	19,760
P A M TRANSN SVCS INC	COM	693149106	22,511	1,044,608	SH	SOLE	0	1,044,608	0	0
PAN AMERN SILVER CORP	COM	697900108	15,100	1,042,847	SH	SOLE	0	1,042,847	0	0
PANGAEA LOGISTICS SOLUTION L	SHS	G6891L105	2,273	386,600	SH	SOLE	0	386,600	0	0
PAPA JOHNS INTL INC	COM	698813102	21,844	320,200	SH	SOLE	0	320,200	0	0
PARAGON 28 INC	COM	69913P105	722	57,500	SH	SOLE	0	57,500	0	0
PARAMOUNT GLOBAL	CLASS A COM	92556H107	379	24,003	SH	SOLE	0	24,003	0	0
PARAMOUNT GOLD NEV CORP	COM	69924M109	35	124,300	SH	SOLE	0	124,300	0	0
PARAMOUNT GROUP INC	COM	69924R108	2,092	452,900	SH	SOLE	0	452,900	0	0
PARANOVUS ENTERTNMNT TECH LT	ORD SHS CL A NEW	G4289N205	64	20,089	SH	SOLE	0	20,089	0	0
PARK AEROSPACE CORP	COM	70014A104	15,710	1,011,597	SH	SOLE	0	1,011,597	0	0
PARK CITY GROUP INC	COM NEW	700215304	1,410	160,963	SH	SOLE	0	160,963	0	0
PARKE BANCORP INC	COM	700885106	1,724	105,847	SH	SOLE	0	105,847	0	0
PARKER-HANNIFIN CORP	COM	701094104	25,494	65,450	SH	SOLE	0	65,450	0	0
PARK HOTELS & RESORTS INC	COM	700517105	8,840	717,552	SH	SOLE	0	717,552	0	0
PARK NATL CORP	COM	700658107	458	4,847	SH	SOLE	0	4,847	0	0
PAR PAC HOLDINGS INC	COM NEW	69888T207	36,115	1,004,877	SH	SOLE	0	1,004,877	0	0
PARSONS CORP DEL	COM	70202L102	5,767	106,100	SH	SOLE	0	104,474	0	1,626
PARTNERS BANCORP	COM	70213Q108	88	11,300	SH	SOLE	0	11,300	0	0
PARTS ID INC	COM CL A	70214I102	11	67,000	SH	SOLE	0	67,000	0	0
PASITHEA THERAPEUTICS CORP	COM	70261F103	15	30,864	SH	SOLE	0	30,864	0	0
PASSAGE BIO INC	COM	702712100	654	994,399	SH	SOLE	0	783,514	0	210,885
PATRIA INVESTMENTS LIMITED	COM CL A	G69451105	280	19,200	SH	SOLE	0	19,200	0	0
PATRIOT TRANSN HLDG INC	COM	70338W105	249	30,420	SH	SOLE	0	13,223	0	17,197
PATTERSON-UTI ENERGY INC	COM	70348I101	19,119	1,381,430	SH	SOLE	0	1,381,430	0	0
PAXMEDICA INC	COM	70424C104	28	97,100	SH	SOLE	0	97,100	0	0
PAYCHEX INC	COM	704326107	44,541	386,201	SH	SOLE	0	386,201	0	0
PAYCOM SOFTWARE INC	COM	70432V102	10,643	41,050	SH	SOLE	0	41,050	0	0
PAYLOCITY HLDG CORP	COM	70438V106	34,541	190,098	SH	SOLE	0	190,098	0	0
PAYMENTUS HOLDINGS INC	COM CL A	70439P108	2,381	143,432	SH	SOLE	0	143,432	0	0
PAYONEER GLOBAL INC	COM	70451X104	17,994	2,940,200	SH	SOLE	0	2,940,200	0	0
PAYSAFE LIMITED	SHS	G6964L206	3,176	264,887	SH	SOLE	0	264,887	0	0
PAYSIGN INC	COM	70451A104	2,440	1,251,036	SH	SOLE	0	1,251,036	0	0
PBF ENERGY INC	CL A	69318G106	75,201	1,404,832	SH	SOLE	0	1,404,832	0	0
PCB BANCORP	COM	69320M109	561	36,301	SH	SOLE	0	36,301	0	0
PC CONNECTION INC	COM	69318J100	1,329	24,900	SH	SOLE	0	24,900	0	0
PCTEL INC	COM	69325Q105	5,197	1,249,336	SH	SOLE	0	1,216,002	0	33,334
PDF SOLUTIONS INC	COM	693282105	2,019	62,300	SH	SOLE	0	62,300	0	0
PEABODY ENERGY CORP	COM	704551100	85,595	3,293,395	SH	SOLE	0	3,293,395	0	0
PEAPACK-GLADSTONE FINL CORP	COM	704699107	4,948	192,920	SH	SOLE	0	192,920	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	10,800	794,695	SH	SOLE	0	794,695	0	0
PEDEVCO CORP	COM PAR	70532Y303	365	361,100	SH	SOLE	0	172,460	0	188,640

PEDIATRIX MEDICAL GROUP INC	COM	58502B106	613	48,200	SH	SOLE	0	48,200	0	0
PELOTON INTERACTIVE INC	CL A COM	70614W100	1,239	245,400	SH	SOLE	0	245,400	0	0
PEMBINA PIPELINE CORP	COM	706327103	6,783	225,664	SH	SOLE	0	225,664	0	0
PENNANT GROUP INC	COM	70805E109	718	64,502	SH	SOLE	0	64,502	0	0
PENN ENTERTAINMENT INC	COM	707569109	32,059	1,396,900	SH	SOLE	0	1,396,900	0	0
PENNS WOODS BANCORP INC	COM	708430103	2,264	107,419	SH	SOLE	0	107,419	0	0
PEOPLES BANCORP N C INC	COM	710577107	478	21,712	SH	SOLE	0	21,712	0	0
PEOPLES FINL SVCS CORP	COM	711040105	1,042	25,981	SH	SOLE	0	25,981	0	0
PEPGEN INC	COM	713317105	51	10,000	SH	SOLE	0	10,000	0	0
PEPSICO INC	COM	713448108	1,738	10,259	SH	SOLE	0	10,259	0	0
PERASO INC	COM	71360T101	28	151,300	SH	SOLE	0	151,300	0	0
PERDOCEO ED CORP	COM	71363P106	75,117	4,392,787	SH	SOLE	0	4,392,787	0	0
PERELLA WEINBERG PARTNERS	CLASS A COM	71367G102	1,826	179,400	SH	SOLE	0	179,400	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	11,666	198,207	SH	SOLE	0	198,207	0	0
PERFORMANCE SHIPPING INC	COMMON SHARES	Y67305154	34	17,502	SH	SOLE	0	17,502	0	0
PERFORMANT FINL CORP	COM	71377E105	1,783	789,063	SH	SOLE	0	789,063	0	0
PERIMETER SOLUTIONS SA	COMMON STOCK	L7579L106	2,068	455,541	SH	SOLE	0	455,541	0	0
PERION NETWORK LTD	SHS NEW	M78673114	38,364	1,252,509	SH	SOLE	0	1,252,509	0	0
PERMA-FIX ENVIRONMENTAL SVCS	COM NEW	714157203	1,342	128,396	SH	SOLE	0	128,396	0	0
PERMA-PIPE INTL HLDGS INC	COM	714167103	1,414	173,093	SH	SOLE	0	173,093	0	0
PERMIAN RESOURCES CORP	CLASS A COM	71424F105	61,537	4,408,100	SH	SOLE	0	4,408,100	0	0
PERRIGO CO PLC	SHS	G97822103	24,104	754,418	SH	SOLE	0	751,574	0	2,844
PERSONALIS INC	COM	71535D106	668	552,475	SH	SOLE	0	552,475	0	0
PERSPECTIVE THERAPEUTICS INC	COM	46489V104	101	367,646	SH	SOLE	0	367,646	0	0
PETCO HEALTH & WELLNESS CO I	COM	71601V105	3,389	828,500	SH	SOLE	0	828,500	0	0
PETIQ INC	COM CL A	71639T106	6,210	315,244	SH	SOLE	0	315,244	0	0
PETMED EXPRESS INC	COM	716382106	11,668	1,138,384	SH	SOLE	0	1,138,384	0	0
PETROLEO BRASILEIRO SA PETRO	SP ADR NON VTG	71654V101	11,619	847,500	SH	SOLE	0	847,500	0	0
PETROLEO BRASILEIRO SA PETRO	SPONSORED ADR	71654V408	51,633	3,444,500	SH	SOLE	0	980,070	0	2,464,430
PFIZER INC	COM	717081103	218,546	6,588,664	SH	SOLE	0	3,736,139	0	2,852,525
PFSWEB INC	COM NEW	717098206	4,765	640,510	SH	SOLE	0	566,070	0	74,440
PGIM ETF TR	PGIM ULTRA SH BD	69344A107	50,396	1,018,300	SH	SOLE	0	1,018,300	0	0
PGT INNOVATIONS INC	COM	69336V101	18,936	682,391	SH	SOLE	0	682,391	0	0
PHARMACYTE BIOTECH INC	COM NEW	71715X203	69	32,900	SH	SOLE	0	32,900	0	0
PHENOMEX INC	COM	084310101	1,067	1,069,428	SH	SOLE	0	1,069,428	0	0
PHIBRO ANIMAL HEALTH CORP	CL A COM	71742Q106	6,726	526,700	SH	SOLE	0	526,700	0	0
PHILLIPS 66	COM	718546104	65,095	541,779	SH	SOLE	0	433,955	0	107,824
PHINIA INC	COMMON STOCK	71880K101	509	19,000	SH	SOLE	0	19,000	0	0
PHIO PHARMACEUTICALS CORP	COM	71880W402	30	19,707	SH	SOLE	0	19,707	0	0
PHOENIX NEW MEDIA LTD	SPONSORED ADS	71910C202	39	31,131	SH	SOLE	0	31,131	0	0
PHOTRONICS INC	COM	719405102	7,819	386,895	SH	SOLE	0	386,895	0	0
PHREESIA INC	COM	71944F106	1,121	60,000	SH	SOLE	0	60,000	0	0
PHX MINERALS INC	CL A	69291A100	89	24,392	SH	SOLE	0	0	0	24,392
PHYSICIANS RLTY TR	COM	71943U104	9,292	762,297	SH	SOLE	0	762,297	0	0
PIEDMONT OFFICE REALTY TR IN	COM CL A	720190206	2,536	451,300	SH	SOLE	0	451,300	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	114	381,291	SH	SOLE	0	381,291	0	0
PILGRIMS PRIDE CORP	COM	72147K108	9,470	414,813	SH	SOLE	0	403,783	0	11,030
PIMCO ETF TR	0-5 HIGH YIELD	72201R783	3,639	40,300	SH	SOLE	0	40,300	0	0
PIMCO ETF TR	25YR+ ZERO U S	72201R882	880	12,100	SH	SOLE	0	12,100	0	0
PIMCO ETF TR	ACTIVE BD ETF	72201R775	958	10,900	SH	SOLE	0	10,900	0	0
PIMCO ETF TR	ENHAN SHRT MA AC	72201R833	50,611	505,400	SH	SOLE	0	505,400	0	0
PIMCO ETF TR	ENHNCD LW DUR AC	72201R718	4,003	42,700	SH	SOLE	0	42,700	0	0
PIMCO ETF TR	INV GRD CRP BD	72201R817	465	5,100	SH	SOLE	0	5,100	0	0
PINEAPPLE ENERGY INC	COM	72303P107	17	19,884	SH	SOLE	0	19,884	0	0
PINNACLE FINL PARTNERS INC	COM	72346Q104	4,336	64,672	SH	SOLE	0	64,672	0	0
PINNACLE WEST CAP CORP	COM	723484101	6,441	87,423	SH	SOLE	0	87,423	0	0
PINTEREST INC	CL A	72352L106	80,181	2,966,358	SH	SOLE	0	2,966,358	0	0

PIONEER NAT RES CO	COM	723787107	64,757	282,104	SH	SOLE	0	282,104	0	0
PIONEER PWR SOLUTIONS INC	COM NEW	723836300	266	42,452	SH	SOLE	0	42,452	0	0
PIPER SANDLER COMPANIES	COM	724078100	8,703	59,895	SH	SOLE	0	59,895	0	0
PITNEY BOWES INC	COM	724479100	1,543	511,071	SH	SOLE	0	511,071	0	0
PIXELWORKS INC	COM NEW	72581M305	592	524,200	SH	SOLE	0	463,441	0	60,759
PLAINS GP HLDGS L P	LTD PARTNR INT A	72651A207	18,431	1,143,361	SH	SOLE	0	0	0	1,143,361
PLANET FITNESS INC	CL A	72703H101	3,241	65,900	SH	SOLE	0	65,900	0	0
PLAYAGS INC	COM	72814N104	9,574	1,468,342	SH	SOLE	0	1,468,342	0	0
PLAYSTUDIOS INC	CLASS A COM	72815G108	445	140,000	SH	SOLE	0	140,000	0	0
PLAYTIKA HLDG CORP	COM	72815L107	18,373	1,907,895	SH	SOLE	0	1,907,895	0	0
PLDT INC	SPONSORED ADR	69344D408	54,172	2,622,061	SH	SOLE	0	2,622,061	0	0
PLUMAS BANCORP	COM	729273102	273	8,000	SH	SOLE	0	8,000	0	0
PLURI INC	COM	72942G104	95	157,900	SH	SOLE	0	157,900	0	0
PLYMOUTH INDL REIT INC	COM	729640102	2,548	121,612	SH	SOLE	0	121,612	0	0
PNM RES INC	COM	69349H107	48,870	1,095,500	SH	SOLE	0	1,095,500	0	0
POINT BIOPHARMA GLOBAL INC	COM	730541109	2,183	327,271	SH	SOLE	0	327,271	0	0
PONCE FINANCIAL GROUP INC	COMMON STOCK	732344106	679	86,794	SH	SOLE	0	86,794	0	0
POOL CORP	COM	73278L105	333	936	SH	SOLE	0	936	0	0
PORCH GROUP INC	COM	733245104	71	88,500	SH	SOLE	0	88,500	0	0
PORTAGE BIOTECH INC	COM	G7185A128	29	14,000	SH	SOLE	0	14,000	0	0
PORTILLOS INC	COM CL A	73642K106	4,080	265,100	SH	SOLE	0	265,100	0	0
POSEIDA THERAPEUTICS INC	COM	73730P108	1,864	783,071	SH	SOLE	0	783,071	0	0
POSTAL REALTY TRUST INC	CL A	73757R102	1,540	114,050	SH	SOLE	0	114,050	0	0
POST HLDGS INC	COM	737446104	10,838	126,400	SH	SOLE	0	126,400	0	0
POTBELLY CORP	COM	73754Y100	11,845	1,518,586	SH	SOLE	0	1,471,163	0	47,423
POTLATCHDELTIC CORPORATION	COM	737630103	12,418	273,588	SH	SOLE	0	273,588	0	0
POWELL INDS INC	COM	739128106	31,828	383,935	SH	SOLE	0	383,935	0	0
POWERFLEET INC	COM	73931J109	633	305,610	SH	SOLE	0	305,610	0	0
POWER INTEGRATIONS INC	COM	739276103	954	12,500	SH	SOLE	0	12,500	0	0
POWER REIT	COM	73933H101	62	53,599	SH	SOLE	0	53,599	0	0
PPG INDS INC	COM	693506107	75,777	583,800	SH	SOLE	0	496,200	0	87,600
PRA GROUP INC	COM	69354N106	2,521	131,211	SH	SOLE	0	131,211	0	0
PRAxis PRECISION MEDICINES I	COM	74006W108	1,671	977,000	SH	SOLE	0	977,000	0	0
PRECIGEN INC	COM	74017N105	1,871	1,317,290	SH	SOLE	0	1,317,290	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	543	1,592,074	SH	SOLE	0	1,592,074	0	0
PRECISION DRILLING CORP	COM NEW	74022D407	302	4,500	SH	SOLE	0	2,900	0	1,600
PREDICTIVE ONCOLOGY INC	COM	74039M309	54	16,876	SH	SOLE	0	16,876	0	0
PREFERRED BK LOS ANGELES CA	COM NEW	740367404	8,650	138,955	SH	SOLE	0	138,955	0	0
PREFORMED LINE PRODS CO	COM	740444104	10,291	63,300	SH	SOLE	0	58,200	0	5,100
PRELUDE THERAPEUTICS INC	COM	74065P101	431	139,374	SH	SOLE	0	139,374	0	0
PREMIER FINANCIAL CORP	COM	74052F108	7,534	441,623	SH	SOLE	0	441,623	0	0
PREMIER INC	CL A	74051N102	38,828	1,805,936	SH	SOLE	0	1,805,936	0	0
PRENETICS GLOBAL LTD	CLASS A ORD	G72245106	37	75,800	SH	SOLE	0	75,800	0	0
PRESIDIO PTY TR INC	COM CL A	74102L303	43	54,452	SH	SOLE	0	54,452	0	0
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	22,888	400,202	SH	SOLE	0	400,202	0	0
PRICESMART INC	COM	741511109	6,681	89,765	SH	SOLE	0	89,765	0	0
PRIMEENERGY RESOURCES CORP	COM	74158E104	278	2,400	SH	SOLE	0	2,000	0	400
PRIMIS FINANCIAL CORP	COM	74167B109	2,118	259,870	SH	SOLE	0	259,870	0	0
PRIMO WATER CORPORATION	COM	74167P108	23,328	1,690,442	SH	SOLE	0	1,689,842	0	600
PRINCETON BANCORP INC	COM	74179A107	1,088	37,523	SH	SOLE	0	37,523	0	0
PROASSURANCE CORP	COM	74267C106	12,802	677,700	SH	SOLE	0	677,700	0	0
PROCESSA PHARMACEUTICALS INC	COM NEW	74275C205	13	53,900	SH	SOLE	0	53,900	0	0
PROCORE TECHNOLOGIES INC	COM	74275K108	7,139	109,300	SH	SOLE	0	109,300	0	0
PROFIRE ENERGY INC	COM	74316X101	3,502	1,259,744	SH	SOLE	0	1,259,744	0	0
PROFRAC HLDG CORP	CLASS A COM	74319N100	1,141	104,900	SH	SOLE	0	104,900	0	0
PROG HOLDINGS INC	COM NPV	74319R101	2,620	78,884	SH	SOLE	0	78,884	0	0
PROGRESSIVE CORP	COM	743315103	306	2,200	SH	SOLE	0	2,200	0	0

PROGRESS SOFTWARE CORP	COM	743312100	53,112	1,010,119	SH	SOLE	0	1,010,119	0	0
PROGYNY INC	COM	74340E103	6,682	196,400	SH	SOLE	0	196,400	0	0
PROPHASE LABS INC	COM	74345W108	1,241	284,010	SH	SOLE	0	276,259	0	7,751
PROSHARES TR	PSHS SHORT DOW30	74347B235	653	19,600	SH	SOLE	0	19,600	0	0
PROSHARES TR	PSHS ULTSH 20YRS	74347B201	4,110	104,800	SH	SOLE	0	104,800	0	0
PROSHARES TR	SHRT 20+YR TRE	74347X849	3,393	134,900	SH	SOLE	0	134,900	0	0
PROSHARES TR	SHRT HGH YIELD	74347R131	943	51,100	SH	SOLE	0	51,100	0	0
PROS HOLDINGS INC	COM	74346Y103	2,749	79,400	SH	SOLE	0	79,400	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	3,774	226,268	SH	SOLE	0	226,268	0	0
PROTALIX BIOTHERAPEUTICS INC	COM	74365A309	1,031	621,100	SH	SOLE	0	621,100	0	0
PROTARA THERAPEUTICS INC	COM STK	74365U107	100	60,100	SH	SOLE	0	60,100	0	0
PROTHENA CORP PLC	SHS	G72800108	12,574	260,600	SH	SOLE	0	260,600	0	0
PROTO LABS INC	COM	743713109	7,289	276,100	SH	SOLE	0	276,100	0	0
PROVIDENT BANCORP INC	COM NEW	74383L105	825	85,180	SH	SOLE	0	85,180	0	0
PROVIDENT FINL HLDGS INC	COM	743868101	3,433	262,247	SH	SOLE	0	262,247	0	0
PRUDENTIAL PLC	ADR	74435K204	5,625	256,600	SH	SOLE	0	256,600	0	0
PSYCHEMEDICS CORP	COM NEW	744375205	1,086	273,663	SH	SOLE	0	273,663	0	0
PTC THERAPEUTICS INC	COM	69366J200	5,257	234,600	SH	SOLE	0	228,563	0	6,037
P T TELEKOMUNIKASI INDONESIA	SPONSORED ADR	715684106	94,776	3,932,614	SH	SOLE	0	3,932,614	0	0
PUBLIC STORAGE	COM	74460D109	6,324	24,000	SH	SOLE	0	24,000	0	0
PUBMATIC INC	COM CL A	74467Q103	9,332	771,200	SH	SOLE	0	771,200	0	0
PULMATRIX INC	COM	74584P301	226	111,265	SH	SOLE	0	111,265	0	0
PULMONX CORP	COM	745848101	806	78,010	SH	SOLE	0	78,010	0	0
PULSE BIOSCIENCES INC	COM	74587B101	288	71,500	SH	SOLE	0	71,500	0	0
PULTE GROUP INC	COM	745867101	19,036	257,067	SH	SOLE	0	257,067	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	4,541	1,726,602	SH	SOLE	0	1,726,602	0	0
PURECYCLE TECHNOLOGIES INC	COM	74623V103	217	38,600	SH	SOLE	0	36,878	0	1,722
PURE STORAGE INC	CL A	74624M102	99,678	2,798,368	SH	SOLE	0	2,656,279	0	142,089
PYXIS ONCOLOGY INC	COMMON STOCK	747324101	430	216,251	SH	SOLE	0	216,251	0	0
PYXIS TANKERS INC	COM NEW	Y71726130	327	87,901	SH	SOLE	0	41,296	0	46,605
Q2 HLDGS INC	COM	74736L109	3,072	95,200	SH	SOLE	0	95,200	0	0
QCR HOLDINGS INC	COM	74727A104	17,500	360,672	SH	SOLE	0	360,672	0	0
QIAGEN NV	SHS NEW	N72482123	16,954	418,608	SH	SOLE	0	0	0	418,608
QIWI PLC	SPON ADR REP B	74735M108	324	571,151	SH	SOLE	0	485,771	0	85,380
QUAD / GRAPHICS INC	COM CL A	747301109	3,902	775,800	SH	SOLE	0	775,800	0	0
QUALYS INC	COM	74758T303	18,809	123,300	SH	SOLE	0	123,300	0	0
QUANEX BLDG PRODS CORP	COM	747619104	32,260	1,145,207	SH	SOLE	0	1,145,207	0	0
QUANTERIX CORP	COM	74766Q101	8,679	319,800	SH	SOLE	0	319,800	0	0
QUANTUM CORP	COM NEW	747906501	11	17,670	SH	SOLE	0	17,670	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	65,520	537,663	SH	SOLE	0	537,663	0	0
QUEST RESOURCE HLDG CORP	COM NEW	74836W203	2,258	305,075	SH	SOLE	0	305,075	0	0
QUICKLOGIC CORP	COM NEW	74837P405	350	40,689	SH	SOLE	0	40,689	0	0
QUIDELORTHO CORP	COM	219798105	33,621	460,312	SH	SOLE	0	460,312	0	0
QUINCE THERAPEUTICS INC	COM	22053A107	364	325,000	SH	SOLE	0	325,000	0	0
QUINSTREET INC	COM	74874Q100	1,511	168,500	SH	SOLE	0	168,500	0	0
QUIPT HOME MEDICAL CORP	COM	74880P104	451	88,600	SH	SOLE	0	88,600	0	0
QURATE RETAIL INC	COM SER A	74915M100	1,884	3,105,503	SH	SOLE	0	3,105,503	0	0
RACKSPACE TECHNOLOGY INC	COM	750102105	3,562	1,515,834	SH	SOLE	0	1,515,834	0	0
RADCOM LTD	SHS NEW	M81865111	1,286	148,000	SH	SOLE	0	131,684	0	16,316
RADIAN GROUP INC	COM	750236101	3,505	139,600	SH	SOLE	0	139,600	0	0
RADIANT LOGISTICS INC	COM	75025X100	631	111,700	SH	SOLE	0	111,700	0	0
RADNET INC	COM	750491102	9,697	343,970	SH	SOLE	0	343,970	0	0
RADWARE LTD	ORD	M81873107	26,770	1,582,123	SH	SOLE	0	1,582,123	0	0
RAFAEL HLDGS INC	COM CL B	75062E106	177	92,931	SH	SOLE	0	11,331	0	81,600
RAIL VISION LTD	ORDINARY SHS	M8186D106	15	30,303	SH	SOLE	0	1,500	0	28,803
RANGER ENERGY SVCS INC	COM CL A	75282U104	2,842	200,390	SH	SOLE	0	200,390	0	0
RANGE RES CORP	COM	75281A109	62,091	1,915,783	SH	SOLE	0	1,915,783	0	0

RANI THERAPEUTICS HLDGS INC	COM CL A	753018100	111	51,000	SH	SOLE	0	31,396	0	19,604
RANPAK HOLDINGS CORP	COM CL A	75321W103	197	36,300	SH	SOLE	0	36,300	0	0
RAPID MICRO BIOSYSTEMS INC	CLASS A COM	75340L104	24	22,387	SH	SOLE	0	22,387	0	0
RAVE RESTAURANT GROUP INC	COM	754198109	503	212,103	SH	SOLE	0	127,817	0	84,286
RAYONIER ADVANCED MATLS INC	COM	75508B104	6,665	1,882,644	SH	SOLE	0	1,882,644	0	0
RBB FD INC	US TREAS 3 MNTH	74933W452	43,195	862,700	SH	SOLE	0	862,700	0	0
RBC BEARINGS INC	COM	75524B104	1,288	5,500	SH	SOLE	0	5,500	0	0
RB GLOBAL INC	COM	74935Q107	693	11,084	SH	SOLE	0	8,784	0	2,300
RCI HOSPITALITY HLDGS INC	COM	74934Q108	2,019	33,281	SH	SOLE	0	33,281	0	0
RCM TECHNOLOGIES INC	COM NEW	749360400	10,571	540,973	SH	SOLE	0	536,485	0	4,488
READING INTL INC	CL A	755408101	1,227	578,990	SH	SOLE	0	578,990	0	0
RECON TECHNOLOGY LTD	CL A SHS	G7415M124	196	633,700	SH	SOLE	0	552,566	0	81,134
REDFIN CORP	COM	75737F108	4,641	659,200	SH	SOLE	0	659,200	0	0
RED RIVER BANCSHARES INC	COM	75686R202	257	5,600	SH	SOLE	0	5,600	0	0
RED ROBIN GOURMET BURGERS IN	COM	75689M101	419	52,166	SH	SOLE	0	52,166	0	0
RED ROCK RESORTS INC	CL A	75700L108	9,947	242,600	SH	SOLE	0	242,600	0	0
REDWIRE CORPORATION	COM	75776W103	307	106,300	SH	SOLE	0	106,300	0	0
REDWOOD TRUST INC	COM	758075402	409	57,400	SH	SOLE	0	57,400	0	0
REE AUTOMOTIVE LTD	CLASS A ORD SHS	M8287R103	270	1,839,700	SH	SOLE	0	1,839,700	0	0
REGENCY CTRS CORP	COM	758849103	7,803	131,268	SH	SOLE	0	131,268	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	133,371	162,062	SH	SOLE	0	162,062	0	0
REGIONAL HEALTH PPTYS INC	COM	75903M309	28	12,937	SH	SOLE	0	3,976	0	8,961
REGIONAL MGMT CORP	COM	75902K106	5,893	212,906	SH	SOLE	0	212,906	0	0
REGULUS THERAPEUTICS INC	COM	75915K309	69	50,100	SH	SOLE	0	50,100	0	0
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	9,481	65,300	SH	SOLE	0	65,300	0	0
REKOR SYSTEMS INC	COM	759419104	858	304,168	SH	SOLE	0	304,168	0	0
RELAY THERAPEUTICS INC	COM	75943R102	1,217	144,700	SH	SOLE	0	144,700	0	0
RELIANCE STEEL & ALUMINUM CO	COM	759509102	26,226	100,012	SH	SOLE	0	84,437	0	15,575
RELMADA THERAPEUTICS INC	COM	75955J402	196	65,275	SH	SOLE	0	65,275	0	0
RELX PLC	SPONSORED ADR	759530108	59,585	1,768,100	SH	SOLE	0	1,758,888	0	9,212
RE MAX HLDGS INC	CL A	75524W108	12,290	949,800	SH	SOLE	0	949,800	0	0
RENAISSANCERE HLDGS LTD	COM	G7496G103	11,836	59,800	SH	SOLE	0	59,800	0	0
RENASANT CORP	COM	75970E107	3,358	128,228	SH	SOLE	0	128,228	0	0
RENEO PHARMACEUTICALS INC	COM	75974E103	274	36,000	SH	SOLE	0	36,000	0	0
RENEW ENERGY GLOBAL PLC	CL A SHS	G7500M104	232	42,800	SH	SOLE	0	42,800	0	0
RENTOKIL INITIAL PLC	SPONSORED ADR	760125104	4,557	123,000	SH	SOLE	0	123,000	0	0
RENT THE RUNWAY INC	COM CL A	76010Y103	141	207,800	SH	SOLE	0	207,800	0	0
REPAIRE THERAPEUTICS INC	COM	760273102	1,847	152,900	SH	SOLE	0	152,900	0	0
REPAY HLDGS CORP	COM CL A	76029L100	1,025	135,000	SH	SOLE	0	0	0	135,000
REPLIMUNE GROUP INC	COM	76029N106	1,483	86,700	SH	SOLE	0	86,700	0	0
REPUBLIC BANCORP INC KY	CL A	760281204	1,810	41,100	SH	SOLE	0	41,100	0	0
REPUBLIC SVCS INC	COM	760759100	91,970	645,361	SH	SOLE	0	645,361	0	0
RESEARCH FRONTIERS INC	COM	760911107	26	23,900	SH	SOLE	0	23,898	0	2
RESEARCH SOLUTIONS INC	COM	761025105	182	72,900	SH	SOLE	0	65,061	0	7,839
RESHAPE LIFESCIENCES INC	COM	76090R200	7	20,500	SH	SOLE	0	20,500	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	2,441	154,517	SH	SOLE	0	154,517	0	0
RESMED INC	COM	761152107	59,917	405,200	SH	SOLE	0	405,200	0	0
RESOURCES CONNECTION INC	COM	76122Q105	5,049	338,601	SH	SOLE	0	338,601	0	0
RESTAURANT BRANDS INTL INC	COM	76131D103	10,108	151,500	SH	SOLE	0	4,600	0	146,900
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	8,066	651,500	SH	SOLE	0	651,500	0	0
RETRACTABLE TECHNOLOGIES INC	COM	76129W105	248	208,264	SH	SOLE	0	203,683	0	4,581
REVANCE THERAPEUTICS INC	COM	761330109	2,047	178,500	SH	SOLE	0	178,500	0	0
REV GROUP INC	COM	749527107	5,725	357,800	SH	SOLE	0	357,800	0	0
REVOLVE GROUP INC	CL A	76156B107	1,155	84,900	SH	SOLE	0	84,900	0	0
REWALK ROBOTICS LTD	SHS	M8216Q200	192	252,000	SH	SOLE	0	252,000	0	0
REX AMERICAN RES CORP	COM	761624105	34,690	851,915	SH	SOLE	0	851,915	0	0
REXFORD INDL RLTY INC	COM	76169C100	1,268	25,700	SH	SOLE	0	25,700	0	0

REYNOLDS CONSUMER PRODS INC	COM	76171L106	2,527	98,600	SH	SOLE	0	98,600	0	0
REZOLUTE INC	COM NEW	76200L309	34	25,700	SH	SOLE	0	25,700	0	0
RF INDS LTD	COM PAR \$0.01	749552105	1,522	505,808	SH	SOLE	0	505,808	0	0
RGC RES INC	COM	74955L103	808	46,733	SH	SOLE	0	46,733	0	0
RH	COM	74967X103	7,429	28,100	SH	SOLE	0	28,100	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	85	31,600	SH	SOLE	0	31,600	0	0
RICEBRAN TECHNOLOGIES	COM	762831303	21	48,168	SH	SOLE	0	48,168	0	0
RICHARDSON ELECTRS LTD	COM	763165107	6,007	549,577	SH	SOLE	0	549,577	0	0
RICHMOND MUT BANCORPORATION	COM	76525P100	188	16,842	SH	SOLE	0	16,842	0	0
RIGEL PHARMACEUTICALS INC	COM NEW	766559603	1,222	1,131,826	SH	SOLE	0	1,131,826	0	0
RILEY EXPLORATION PERMIAN IN	COM	76665T102	728	22,911	SH	SOLE	0	22,911	0	0
RIMINI STR INC DEL	COM	76674Q107	219	99,422	SH	SOLE	0	99,422	0	0
RINGCENTRAL INC	CL A	76680R206	39,023	1,317,000	SH	SOLE	0	1,317,000	0	0
RING ENERGY INC	COM	76680V108	918	470,600	SH	SOLE	0	470,600	0	0
RIO TINTO PLC	SPONSORED ADR	767204100	17,978	282,500	SH	SOLE	0	282,500	0	0
RIOT PLATFORMS INC	COM	767292105	4,467	478,749	SH	SOLE	0	478,749	0	0
RISKIFIED LTD	SHS CL A	M8216R109	5,663	1,264,058	SH	SOLE	0	1,264,058	0	0
RITE AID CORP	COM	767754872	324	722,600	SH	SOLE	0	722,600	0	0
RIVERVIEW BANCORP INC	COM	769397100	1,204	216,607	SH	SOLE	0	216,607	0	0
RIVIAN AUTOMOTIVE INC	COM CL A	76954A103	97,846	4,029,900	SH	SOLE	0	4,029,900	0	0
RLI CORP	COM	749607107	5,558	40,900	SH	SOLE	0	40,900	0	0
RLJ LODGING TR	COM	74965L101	5,622	574,232	SH	SOLE	0	574,232	0	0
RLX TECHNOLOGY INC	SPONSORED ADS	74969N103	7,725	5,115,700	SH	SOLE	0	5,115,700	0	0
RMR GROUP INC	CL A	74967R106	10,740	438,014	SH	SOLE	0	438,014	0	0
ROBERT HALF INC.	COM	770323103	25,619	349,600	SH	SOLE	0	327,038	0	22,562
ROBINHOOD MKTS INC	COM CL A	770700102	51,762	5,276,500	SH	SOLE	0	5,276,500	0	0
ROBLOX CORP	CL A	771049103	155,126	5,356,549	SH	SOLE	0	5,356,549	0	0
ROCKET COS INC	COM CL A	77311W101	16,017	1,958,100	SH	SOLE	0	1,947,344	0	10,756
ROCKET PHARMACEUTICALS INC	COM	77313F106	3,964	193,474	SH	SOLE	0	193,474	0	0
ROCKWELL MED INC	COM NEW	774374300	29	14,043	SH	SOLE	0	14,043	0	0
ROCKY BRANDS INC	COM	774515100	796	54,135	SH	SOLE	0	54,135	0	0
ROCKY MTN CHOCOLATE FACTORY	COM	77467X101	1,618	339,963	SH	SOLE	0	339,963	0	0
ROGERS COMMUNICATIONS INC	CL B	775109200	83,543	2,175,869	SH	SOLE	0	2,030,969	0	144,900
ROGERS CORP	COM	775133101	9,308	70,800	SH	SOLE	0	70,800	0	0
ROLLINS INC	COM	775711104	109,824	2,941,969	SH	SOLE	0	2,941,969	0	0
ROOT INC	CL A NEW	77664L207	1,634	171,816	SH	SOLE	0	171,816	0	0
ROPER TECHNOLOGIES INC	COM	776696106	9,201	19,000	SH	SOLE	0	6,452	0	12,548
ROSS STORES INC	COM	778296103	56,102	496,700	SH	SOLE	0	496,700	0	0
ROVER GROUP INC	COM CL A	77936F103	963	153,900	SH	SOLE	0	153,900	0	0
ROYAL BK CDA	COM	780087102	3,073	35,100	SH	SOLE	0	0	0	35,100
ROYAL CARIBBEAN GROUP	COM	V7780T103	183,989	1,996,842	SH	SOLE	0	1,864,229	0	132,613
ROYAL GOLD INC	COM	780287108	41,238	387,833	SH	SOLE	0	387,833	0	0
ROYALTY PHARMA PLC	SHS CLASS A	G7709Q104	13,114	483,200	SH	SOLE	0	0	0	483,200
RPM INTL INC	COM	749685103	33,146	349,600	SH	SOLE	0	327,631	0	21,969
RUMBLE INC	COM CL A	78137L105	426	83,600	SH	SOLE	0	83,600	0	0
RUSH ENTERPRISES INC	CL A	781846209	12,778	312,964	SH	SOLE	0	312,964	0	0
RUSH ENTERPRISES INC	CL B	781846308	20,376	449,897	SH	SOLE	0	449,897	0	0
RUSH STREET INTERACTIVE INC	COM	782011100	2,822	610,800	SH	SOLE	0	610,800	0	0
RVL PHARMACEUTICALS PLC	SHS	G6S41R101	93	1,079,515	SH	SOLE	0	1,079,515	0	0
RYANAIR HOLDINGS PLC	SPONSORED ADS	783513203	109,994	1,131,513	SH	SOLE	0	1,121,263	0	10,250
RYAN SPECIALTY HOLDINGS INC	CL A	78351F107	8,146	168,300	SH	SOLE	0	168,300	0	0
RYERSON HLDG CORP	COM	783754104	5,475	188,200	SH	SOLE	0	188,200	0	0
RYMAN HOSPITALITY PPTYS INC	COM	78377T107	6,599	79,241	SH	SOLE	0	79,241	0	0
RYVYL INC	COM	39366L307	67	22,275	SH	SOLE	0	22,275	0	0
SAB BIOTHERAPEUTICS INC	COM	78397T103	37	58,100	SH	SOLE	0	58,100	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	1,211	86,900	SH	SOLE	0	86,900	0	0
SABRE CORP	COM	78573M104	868	193,400	SH	SOLE	0	193,400	0	0

SAFE BULKERS INC	COM	Y7388L103	11,095	3,424,286	SH	SOLE	0	3,424,286	0	0
SAFEGUARD SCIENTIFICS INC	COM NEW	786449207	26	25,817	SH	SOLE	0	25,817	0	0
SAFEHOLD INC	COM	78646V107	1,349	75,762	SH	SOLE	0	75,762	0	0
SAFETY INS GROUP INC	COM	78648T100	13,611	199,600	SH	SOLE	0	199,600	0	0
SAGA COMMUNICATIONS INC	CL A NEW	786598300	2,628	122,468	SH	SOLE	0	118,779	0	3,689
SAGE THERAPEUTICS INC	COM	78667J108	1,762	85,600	SH	SOLE	0	85,600	0	0
SAIA INC	COM	78709Y105	10,404	26,098	SH	SOLE	0	20,361	0	5,737
SALARIUS PHARMACEUTICALS INC	COM NEW	79400X305	16	24,142	SH	SOLE	0	24,142	0	0
SALEM MEDIA GROUP INC	CL A	794093104	61	104,200	SH	SOLE	0	104,200	0	0
SALESFORCE INC	COM	79466L302	44,689	220,383	SH	SOLE	0	66,838	0	153,545
SAMSARA INC	COM CL A	79589L106	34,802	1,380,500	SH	SOLE	0	1,380,500	0	0
SANA BIOTECHNOLOGY INC	COM	799566104	754	194,869	SH	SOLE	0	182,826	0	12,043
SANARA MEDTECH INC	COM	79957L100	274	8,800	SH	SOLE	0	8,800	0	0
SANDRIDGE ENERGY INC	COM NEW	80007P869	19,765	1,262,112	SH	SOLE	0	1,262,112	0	0
SANDSTORM GOLD LTD	COM NEW	80013R206	4,693	1,007,000	SH	SOLE	0	960,811	0	46,189
SANFILIPPO JOHN B & SON INC	COM	800422107	19,385	196,200	SH	SOLE	0	196,200	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	1,419	2,365,754	SH	SOLE	0	2,365,754	0	0
SANMINA CORPORATION	COM	801056102	6,070	111,833	SH	SOLE	0	111,833	0	0
SAPIENS INTL CORP N V	SHS	G7T16G103	16,882	593,803	SH	SOLE	0	593,803	0	0
SARCOS TECHN AND ROBOTICS CO	COM NEW	80359A205	61	71,278	SH	SOLE	0	71,278	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	82,778	682,878	SH	SOLE	0	629,153	0	53,725
SASOL LTD	SPONSORED ADR	803866300	3,225	235,900	SH	SOLE	0	235,900	0	0
SATELLOGIC INC	CLASS A ORD SHS	G7823S101	20	16,848	SH	SOLE	0	16,848	0	0
SAUL CTRS INC	COM	804395101	7,067	200,374	SH	SOLE	0	200,374	0	0
SAVARA INC	COM	805111101	393	103,900	SH	SOLE	0	103,900	0	0
SAVE FOODS INC	COM	80512Q303	13	26,308	SH	SOLE	0	26,308	0	0
SAVERS VALUE VLG INC	COM	80517M109	2,988	160,069	SH	SOLE	0	160,069	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	24,831	124,049	SH	SOLE	0	124,049	0	0
SCHNEIDER NATIONAL INC	CL B	80689H102	4,466	161,300	SH	SOLE	0	161,300	0	0
SCHOLAR ROCK HLDG CORP	COM	80706P103	388	54,700	SH	SOLE	0	54,700	0	0
SCHOLASTIC CORP	COM	807066105	954	25,020	SH	SOLE	0	25,020	0	0
SCHWAB CHARLES CORP	COM	808513105	183,862	3,349,041	SH	SOLE	0	1,834,385	0	1,514,656
SCHWAB STRATEGIC TR	1000 INDEX ETF	808524722	611	14,800	SH	SOLE	0	14,800	0	0
SCHWAB STRATEGIC TR	5 10YR CORP BD	808524698	359	8,500	SH	SOLE	0	8,500	0	0
SCHWAB STRATEGIC TR	SCHWAB FDT US LG	808524771	1,752	31,300	SH	SOLE	0	31,300	0	0
SCHWAB STRATEGIC TR	SCHWAB FDT US SC	808524763	761	15,700	SH	SOLE	0	15,700	0	0
SCHWAB STRATEGIC TR	SHT TM US TRES	808524862	9,114	190,319	SH	SOLE	0	190,319	0	0
SCHWAB STRATEGIC TR	US BRD MKT ETF	808524102	434	8,700	SH	SOLE	0	8,700	0	0
SCHWAB STRATEGIC TR	US LCAP GR ETF	808524300	225	3,100	SH	SOLE	0	3,100	0	0
SCHWAB STRATEGIC TR	US LCAP VA ETF	808524409	219	3,400	SH	SOLE	0	3,400	0	0
SCHWAB STRATEGIC TR	US MID-CAP ETF	808524508	778	11,500	SH	SOLE	0	11,500	0	0
SCHWAB STRATEGIC TR	US SML CAP ETF	808524607	862	20,800	SH	SOLE	0	20,800	0	0
SCIENCE 37 HOLDINGS INC	COM	808644108	146	365,582	SH	SOLE	0	365,582	0	0
SCIENCE APPLICATIONS INTL CO	COM	808625107	29,124	275,950	SH	SOLE	0	275,950	0	0
SCIENJOY HOLDING CORP	CLASS A ORD	G7864D112	141	50,300	SH	SOLE	0	50,300	0	0
SCILEX HOLDING CO	COM	80880W106	19	13,521	SH	SOLE	0	13,521	0	0
SCIPLAY CORPORATION	CL A	809087109	23,829	1,046,500	SH	SOLE	0	1,046,500	0	0
SCORPIO TANKERS INC	SHS	Y7542C130	45,953	849,095	SH	SOLE	0	849,095	0	0
SCULLY ROYALTY LTD	COM SHS	G7T96K107	326	57,514	SH	SOLE	0	57,514	0	0
SCULPTOR CAP MGMT	COM CL A	811246107	320	27,600	SH	SOLE	0	27,600	0	0
SCYNEXIS INC	COM NEW	811292200	124	54,240	SH	SOLE	0	54,240	0	0
SEABOARD CORP DEL	COM	811543107	21,632	5,764	SH	SOLE	0	5,764	0	0
SEACOAST BKG CORP FLA	COM NEW	811707801	2,541	115,705	SH	SOLE	0	115,705	0	0
SEACOR MARINE HLDGS INC	COM	78413P101	1,405	101,200	SH	SOLE	0	101,200	0	0
SEADRILL 2021 LTD	COM	G7997W102	811	17,870	SH	SOLE	0	0	0	17,870
SEAGATE TECHNOLOGY HLDNGS PL	ORD SHS	G7997R103	3,257	49,393	SH	SOLE	0	49,393	0	0
SEAGEN INC	COM	81181C104	137,285	647,113	SH	SOLE	0	647,113	0	0

SEAWORLD ENTMT INC	COM	81282V100	24,147	522,100	SH	SOLE	0	522,100	0	0
SECOO HLDG LTD	SPONSRD ADS NEW	81367P200	5	14,300	SH	SOLE	0	14,300	0	0
SECUREWORKS CORP	CL A	81374A105	831	133,740	SH	SOLE	0	132,806	0	934
SECURITY NATL FINL CORP	CL A NEW	814785309	1,634	208,403	SH	SOLE	0	208,403	0	0
SEER INC	COM CL A	81578P106	721	326,100	SH	SOLE	0	326,100	0	0
SEI INVTS CO	COM	784117103	14,391	238,926	SH	SOLE	0	238,926	0	0
SELECTA BIOSCIENCES INC	COM	816212104	770	726,000	SH	SOLE	0	726,000	0	0
SELECTIVE INS GROUP INC	COM	816300107	2,383	23,094	SH	SOLE	0	23,094	0	0
SELECT MED HLDGS CORP	COM	81619Q105	1,193	47,200	SH	SOLE	0	47,200	0	0
SELECTQUOTE INC	COM	816307300	294	251,000	SH	SOLE	0	251,000	0	0
SELECT SECTOR SPDR TR	ENERGY	81369Y506	8,484	93,861	SH	SOLE	0	93,861	0	0
SELECT SECTOR SPDR TR	FINANCIAL	81369Y605	733	22,100	SH	SOLE	0	22,100	0	0
SELECT SECTOR SPDR TR	INDL	81369Y704	2,646	26,100	SH	SOLE	0	26,100	0	0
SELECT SECTOR SPDR TR	SBI CONS STPLS	81369Y308	14,429	209,700	SH	SOLE	0	209,700	0	0
SELECT SECTOR SPDR TR	SBI INT-UTILS	81369Y886	36,896	626,100	SH	SOLE	0	626,100	0	0
SELECT WATER SOLUTIONS INC	CL A COM	81617J301	5,927	745,499	SH	SOLE	0	745,499	0	0
SEMILEDS CORP	COM NEW	816645204	18	10,195	SH	SOLE	0	10,195	0	0
SEMLER SCIENTIFIC INC	COM	81684M104	1,134	44,679	SH	SOLE	0	44,679	0	0
SEMPRA	COM	816851109	4,266	62,705	SH	SOLE	0	62,705	0	0
SEMRUSH HLDGS INC	CL A COM	81686C104	822	96,700	SH	SOLE	0	96,700	0	0
SEMTECH CORP	COM	816850101	7,553	293,316	SH	SOLE	0	293,316	0	0
SENECA FOODS CORP NEW	CL A	817070501	2,977	55,297	SH	SOLE	0	55,297	0	0
SENSATA TECHNOLOGIES HLDG PL	SHS	G8060N102	11,316	299,200	SH	SOLE	0	299,200	0	0
SENSEI BIOTHERAPEUTICS INC	COM	81728A108	67	83,800	SH	SOLE	0	83,300	0	500
SENSIENT TECHNOLOGIES CORP	COM	81725T100	439	7,500	SH	SOLE	0	7,500	0	0
SENSTAR TECHNOLOGIES LTD	ORD	M8T77E105	627	564,916	SH	SOLE	0	564,817	0	99
SENSUS HEALTHCARE INC	COM	81728J109	920	332,273	SH	SOLE	0	252,175	0	80,098
SENTAGE HOLDINGS INC	SHS NEW	G8062B114	29	17,315	SH	SOLE	0	9,883	0	7,432
SENTINELONE INC	CL A	81730H109	7,648	453,600	SH	SOLE	0	453,600	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,816	34,800	SH	SOLE	0	34,800	0	0
SES AI CORPORATION	CL A COM	78397Q109	336	148,095	SH	SOLE	0	148,095	0	0
SEVEN HILLS REALTY TRUST	COM	81784E101	951	87,073	SH	SOLE	0	87,073	0	0
SFL CORPORATION LTD	SHS	G7738W106	11,206	1,004,997	SH	SOLE	0	1,004,997	0	0
SHAKE SHACK INC	CL A	819047101	15,290	263,300	SH	SOLE	0	263,300	0	0
SHAPEWAYS HOLDINGS INC	COM NEW	81947T201	63	19,643	SH	SOLE	0	19,643	0	0
SHARECARE INC	COM CL A	81948W104	111	118,100	SH	SOLE	0	118,100	0	0
SHARKNINJA INC	COM SHS	G8068L108	756	16,300	SH	SOLE	0	16,300	0	0
SHATTUCK LABS INC	COM	82024L103	303	199,600	SH	SOLE	0	193,869	0	5,731
SHENANDOAH TELECOMMUNICATION	COM	82312B106	7,823	379,571	SH	SOLE	0	379,571	0	0
SHERWIN WILLIAMS CO	COM	824348106	103,499	405,800	SH	SOLE	0	332,796	0	73,004
SHIFT TECHNOLOGIES INC	CL A NEW	82452T305	224	140,172	SH	SOLE	0	140,172	0	0
SHINECO INC	COM	824567309	21	164,793	SH	SOLE	0	164,793	0	0
SHINHAN FINANCIAL GROUP CO L	SPN ADR RESTRD	824596100	1,009	38,100	SH	SOLE	0	38,100	0	0
SHOCKWAVE MED INC	COM	82489T104	51,089	256,600	SH	SOLE	0	256,600	0	0
SHOE CARNIVAL INC	COM	824889109	1,995	83,026	SH	SOLE	0	83,026	0	0
SHOPIFY INC	CL A	82509L107	11,156	204,000	SH	SOLE	0	2,600	0	201,400
SHORE BANCSHARES INC	COM	825107105	3,773	358,615	SH	SOLE	0	358,615	0	0
SHUTTERSTOCK INC	COM	825690100	33,826	889,001	SH	SOLE	0	889,001	0	0
SHYFT GROUP INC	COM	825698103	1,366	91,248	SH	SOLE	0	91,248	0	0
SI-BONE INC	COM	825704109	3,562	167,700	SH	SOLE	0	167,700	0	0
SIENTRA INC	COM	82621J204	157	56,470	SH	SOLE	0	56,470	0	0
SIERRA BANCORP	COM	82620P102	4,147	218,731	SH	SOLE	0	218,731	0	0
SIFCO INDS INC	COM	826546103	200	54,534	SH	SOLE	0	54,534	0	0
SIFY TECHNOLOGIES LTD	SPONSORED ADS	82655M107	70	38,400	SH	SOLE	0	38,400	0	0
SIGA TECHNOLOGIES INC	COM	826917106	102	19,400	SH	SOLE	0	19,400	0	0
SIGHT SCIENCES INC	COM	82657M105	222	66,000	SH	SOLE	0	66,000	0	0
SIGMATRON INTL INC	COM	82661L101	410	130,887	SH	SOLE	0	130,887	0	0

SIGNET JEWELERS LIMITED	SHS	G81276100	467	6,500	SH	SOLE	0	6,500	0	0
SILGAN HLDGS INC	COM	827048109	1,271	29,480	SH	SOLE	0	29,480	0	0
SILICON LABORATORIES INC	COM	826919102	1,970	16,998	SH	SOLE	0	16,998	0	0
SILICON MOTION TECHNOLOGY CO	SPONSORED ADR	82706C108	748	14,598	SH	SOLE	0	14,598	0	0
SILK RD MED INC	COM	82710M100	3,112	207,600	SH	SOLE	0	207,600	0	0
SILVERCORP METALS INC	COM	82835P103	12,394	5,274,096	SH	SOLE	0	5,262,896	0	11,200
SILVERCREST ASSET MGMT GROUP	CL A	828359109	2,419	152,437	SH	SOLE	0	152,437	0	0
SILVERCREST METALS INC	COM	828363101	220	49,800	SH	SOLE	0	49,800	0	0
SILVERSUN TECHNOLOGIES INC	COM NEW	82846H207	99	30,264	SH	SOLE	0	30,264	0	0
SIMILARWEB LTD	SHS	M84137104	233	35,900	SH	SOLE	0	35,900	0	0
SIMPLIFY EXCHANGE TRADED FUN	SIMPLIFY INTERST	82889N855	466	4,875	SH	SOLE	0	4,875	0	0
SIMPLIFY EXCHANGE TRADED FUN	VOLATILITY PREM	82889N863	1,875	83,300	SH	SOLE	0	83,300	0	0
SIMPLY GOOD FOODS CO	COM	82900L102	211	6,100	SH	SOLE	0	6,100	0	0
SIMPSON MFG INC	COM	829073105	4,374	29,200	SH	SOLE	0	29,200	0	0
SINGULAR GENOMICS SYSTEMS IN	COM	82933R100	59	153,620	SH	SOLE	0	153,620	0	0
SINOVAC BIOTECH LTD	SHS	P8696W104	1,537	2,375,841	SH	SOLE	0	2,306,141	0	69,700
SIRIUSPOINT LTD	COM	G8192H106	3,133	308,087	SH	SOLE	0	308,087	0	0
SITE CTRS CORP	COM	82981J109	4,118	333,956	SH	SOLE	0	333,956	0	0
SJW GROUP	COM	784305104	14,228	236,700	SH	SOLE	0	236,700	0	0
SKECHERS U S A INC	CL A	830566105	10,177	207,900	SH	SOLE	0	207,900	0	0
SKILLFUL CRAFTSMAN ED TECH L	ORD SHS	G8211A108	156	152,600	SH	SOLE	0	152,600	0	0
SKILLSOFT CORP	CL A	83066P200	121	136,200	SH	SOLE	0	136,200	0	0
SKILLZ INC	COM CL A	83067L208	2,166	424,725	SH	SOLE	0	424,725	0	0
SKY HARBOUR GROUP CORPORATIO	COM CL A	83085C107	45	10,000	SH	SOLE	0	10,000	0	0
SKYLINE CHAMPION CORPORATION	COM	830830105	5,372	84,300	SH	SOLE	0	84,300	0	0
SKYWATER TECHNOLOGY INC	COM	83089J108	517	85,900	SH	SOLE	0	85,900	0	0
SKYWEST INC	COM	830879102	3,249	77,468	SH	SOLE	0	77,468	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	34,387	348,783	SH	SOLE	0	348,783	0	0
SLM CORP	COM	78442P106	6,874	504,696	SH	SOLE	0	504,696	0	0
SMARTFINANCIAL INC	COM NEW	83190L208	2,968	138,874	SH	SOLE	0	138,874	0	0
SMART GLOBAL HLDGS INC	SHS	G8232Y101	7,847	322,272	SH	SOLE	0	307,782	0	14,490
SMART POWERR CORP	COM	168913309	22	17,700	SH	SOLE	0	17,700	0	0
SMART SAND INC	COM	83191H107	698	300,656	SH	SOLE	0	203,905	0	96,751
SMARTSHEET INC	COM CL A	83200N103	21,084	521,100	SH	SOLE	0	521,100	0	0
SM ENERGY CO	COM	78454L100	64,451	1,625,500	SH	SOLE	0	1,625,500	0	0
SMILEDIRECTCLUB INC	CL A COM	83192H106	58	139,212	SH	SOLE	0	139,212	0	0
SMITH A O CORP	COM	831865209	18,139	274,300	SH	SOLE	0	274,300	0	0
SMITH MICRO SOFTWARE INC	COM NEW	832154207	1,060	876,300	SH	SOLE	0	592,453	0	283,847
SMITH & NEPHEW PLC	SPDN ADR NEW	83175M205	4,346	175,450	SH	SOLE	0	175,450	0	0
SMITH & WESSON BRANDS INC	COM	831754106	31,838	2,466,172	SH	SOLE	0	2,466,172	0	0
SMUCKER J M CO	COM NEW	832696405	133,834	1,088,880	SH	SOLE	0	1,029,482	0	59,398
SNAP INC	CL A	83304A106	13,834	1,552,600	SH	SOLE	0	1,552,600	0	0
SNAP ON INC	COM	833034101	50,068	196,300	SH	SOLE	0	196,300	0	0
SNOWFLAKE INC	CL A	833445109	316,402	2,071,099	SH	SOLE	0	1,618,688	0	452,411
SOCIEDAD QUIMICA Y MINERA DE	SPON ADR SER B	833635105	5,156	86,407	SH	SOLE	0	86,407	0	0
SOCIETAL CDMO INC	COM	75629F109	392	836,017	SH	SOLE	0	836,017	0	0
SOCKET MOBILE INC	COM NEW	83368E200	23	20,200	SH	SOLE	0	20,200	0	0
SOHO HOUSE & CO INC	COM CL A	586001109	803	115,900	SH	SOLE	0	115,900	0	0
SOHU COM LTD	SPONSORED ADS	83410S108	11,501	1,220,933	SH	SOLE	0	1,220,933	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	14,000	108,100	SH	SOLE	0	108,100	0	0
SOLARIS OILFIELD INFRASTRUCT	COM CL A	83418M103	951	89,200	SH	SOLE	0	89,200	0	0
SOLARWINDS CORP	COM NEW	83417Q204	2,553	270,400	SH	SOLE	0	270,400	0	0
SOLENO THERAPEUTICS INC	COM	834203309	1,816	61,554	SH	SOLE	0	61,554	0	0
SOLID BIOSCIENCES INC	COM NEW	83422E204	72	28,570	SH	SOLE	0	28,570	0	0
SOLITARIO RESOURCES CORP	COM	8342EP107	403	739,071	SH	SOLE	0	739,071	0	0
SOLO BRANDS INC	COM CL A	83425V104	1,036	203,100	SH	SOLE	0	203,100	0	0
SONENDO INC	COM	835431107	9	11,600	SH	SOLE	0	11,600	0	0

SONIC AUTOMOTIVE INC	CL A	83545G102	2,638	55,226	SH	SOLE	0	55,226	0	0
SONIDA SENIOR LIVING INC	COM	140475203	464	51,591	SH	SOLE	0	51,591	0	0
SONNET BIOTHERAPEUTIC HLDNG I	COM	83548R303	55	19,049	SH	SOLE	0	19,049	0	0
SONOCO PRODS CO	COM	835495102	10,163	187,000	SH	SOLE	0	187,000	0	0
SONOMA PHARMACEUTICALS INC	COM NEW	83558L204	11	14,006	SH	SOLE	0	14,006	0	0
SOPHIA GENETICS SA	ORDINARY SHARES	H82027105	51	19,900	SH	SOLE	0	19,900	0	0
SOTHERLY HOTELS INC	COM	83600C103	209	123,712	SH	SOLE	0	123,316	0	396
SOUNDTHINKING INC	COM	82536T107	1,119	62,532	SH	SOLE	0	62,532	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	2,188	81,207	SH	SOLE	0	81,207	0	0
SOUTHERN MO BANCORP INC	COM	843380106	3,317	85,734	SH	SOLE	0	85,734	0	0
SOUTHERN STS BANCSHARES INC	COM	843878307	422	18,663	SH	SOLE	0	18,663	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	16,396	571,285	SH	SOLE	0	571,285	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	124,372	19,282,525	SH	SOLE	0	18,548,246	0	734,279
SOUTHWEST GAS HLDGS INC	COM	844895102	1,111	18,399	SH	SOLE	0	18,399	0	0
SOVOS BRANDS INC	COM	84612U107	20,581	912,700	SH	SOLE	0	912,700	0	0
SO YOUNG INTERNATIONAL INC	SPONSORED ADS	83356Q108	696	666,324	SH	SOLE	0	648,228	0	18,096
SPAR GROUP INC	COM	784933103	36	37,200	SH	SOLE	0	37,200	0	0
SPARTANNASH CO	COM	847215100	23,007	1,045,778	SH	SOLE	0	1,045,778	0	0
SPDR INDEX SHS FDS	MSCI ACWI EXUS	78463X848	555	22,300	SH	SOLE	0	22,300	0	0
SPDR SER TR	AEROSPACE DEF	78464A631	224	2,000	SH	SOLE	0	2,000	0	0
SPDR SER TR	BBG CONV SEC ETF	78464A359	399	5,883	SH	SOLE	0	5,883	0	0
SPDR SER TR	BLOOMBERG 1-3 MO	78468R663	50,464	549,600	SH	SOLE	0	549,600	0	0
SPDR SER TR	BLOOMBERG 3-12 M	78468R523	49,526	498,100	SH	SOLE	0	498,100	0	0
SPDR SER TR	BLOOMBERG EMERGI	78464A391	813	41,000	SH	SOLE	0	41,000	0	0
SPDR SER TR	BLOOMBERG INTL T	78464A516	964	45,400	SH	SOLE	0	45,400	0	0
SPDR SER TR	BLOOMBERG INVT	78468R200	34,486	1,122,600	SH	SOLE	0	1,122,600	0	0
SPDR SER TR	BLOOMBERG SHT TE	78468R408	3,339	136,500	SH	SOLE	0	136,500	0	0
SPDR SER TR	DJ REIT ETF	78464A607	680	8,200	SH	SOLE	0	8,200	0	0
SPDR SER TR	ICE PFD SEC ETF	78464A292	441	13,600	SH	SOLE	0	13,600	0	0
SPDR SER TR	OILGAS EQUIP	78468R549	1,255	13,100	SH	SOLE	0	13,100	0	0
SPDR SER TR	PORTFLI HIGH YLD	78468R606	1,410	62,900	SH	SOLE	0	62,900	0	0
SPDR SER TR	PORTFOLIO AGRGTE	78464A649	543	22,300	SH	SOLE	0	22,300	0	0
SPDR SER TR	PORTFOLIO LN COR	78464A367	219	10,300	SH	SOLE	0	10,300	0	0
SPDR SER TR	PORTFOLIO LN TSR	78464A664	418	16,000	SH	SOLE	0	16,000	0	0
SPDR SER TR	PORTFOLIO SHORT	78464A474	14,554	496,400	SH	SOLE	0	496,400	0	0
SPDR SER TR	PORTFOLIO SH TSR	78468R101	6,263	218,075	SH	SOLE	0	218,075	0	0
SPDR SER TR	PORTFOLIO S&P400	78464A847	530	12,100	SH	SOLE	0	12,100	0	0
SPDR SER TR	PORTFOLIO S&P600	78468R853	465	12,600	SH	SOLE	0	12,600	0	0
SPDR SER TR	PORTFOLI S&P1500	78464A805	971	18,500	SH	SOLE	0	18,500	0	0
SPDR SER TR	PRTFLO S&P500 GW	78464A409	279	4,700	SH	SOLE	0	4,700	0	0
SPDR SER TR	PRTFLO S&P500 VL	78464A508	1,296	31,400	SH	SOLE	0	31,400	0	0
SPDR SER TR	S&P 400 MDCP GRW	78464A821	567	8,200	SH	SOLE	0	8,200	0	0
SPDR SER TR	S&P 400 MDCP VAL	78464A839	208	3,200	SH	SOLE	0	3,200	0	0
SPDR SER TR	S&P 600 SMCP GRW	78464A201	366	5,000	SH	SOLE	0	5,000	0	0
SPDR SER TR	S&P 600 SMCP VAL	78464A300	318	4,400	SH	SOLE	0	4,400	0	0
SPDR SER TR	S&P METALS MNG	78464A755	1,386	26,400	SH	SOLE	0	26,400	0	0
SPDR SER TR	S&P REGL BKG	78464A698	2,172	52,000	SH	SOLE	0	52,000	0	0
SPDR S&P MIDCAP 400 ETF TR	UTSER1 S&PDCRP	78467Y107	2,649	5,800	SH	SOLE	0	5,800	0	0
SPERO THERAPEUTICS INC	COM	84833T103	662	547,165	SH	SOLE	0	547,165	0	0
SPI ENERGY CO LTD	SHS NEW	G8651P110	71	88,386	SH	SOLE	0	88,386	0	0
SPIRE GLOBAL INC	COM CL A NEW	848560306	312	63,781	SH	SOLE	0	63,781	0	0
SPIRE INC	COM	84857L101	3,813	67,400	SH	SOLE	0	67,400	0	0
SPIRIT AIRLS INC	COM	848577102	576	34,900	SH	SOLE	0	34,900	0	0
SPLASH BEVERAGE GROUP INC	COM NEW	84862C203	17	29,100	SH	SOLE	0	29,100	0	0
SPLUNK INC	COM	848637104	5,879	40,200	SH	SOLE	0	40,200	0	0
SPOK HLDGS INC	COM	84863T106	15,557	1,090,222	SH	SOLE	0	1,090,222	0	0
SPORTRADAR GROUP AG	CLASS A ORD SHS	H8088L103	802	80,092	SH	SOLE	0	80,092	0	0

SPORTSMANS WHSE HLDGS INC	COM	84920Y106	131	29,100	SH	SOLE	0	29,100	0	0
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	140,057	905,700	SH	SOLE	0	905,700	0	0
SP PLUS CORP	COM	78469C103	4,993	138,323	SH	SOLE	0	138,323	0	0
SPRINKLR INC	CL A	85208T107	11,418	825,000	SH	SOLE	0	514,419	0	310,581
SPROTT INC	COM NEW	852066208	853	28,000	SH	SOLE	0	28,000	0	0
SPROUTS FMRS MKT INC	COM	85208M102	179,711	4,198,844	SH	SOLE	0	4,198,844	0	0
SPRUCE BIOSCIENCES INC	COM	85209E109	470	207,776	SH	SOLE	0	204,783	0	2,993
SPRUCE POWER HOLDING CORP	COM CL A	9837FR100	766	1,126,000	SH	SOLE	0	1,126,000	0	0
SPS COMM INC	COM	78463M107	6,790	39,800	SH	SOLE	0	39,800	0	0
SPX TECHNOLOGIES INC	COM	78473E103	4,257	52,300	SH	SOLE	0	52,300	0	0
SQUARESPACE INC	CLASS A	85225A107	35,975	1,241,794	SH	SOLE	0	1,241,794	0	0
SSGA ACTIVE ETF TR	BLACKSTONE SENR	78467V608	27,141	647,300	SH	SOLE	0	647,300	0	0
SSR MINING IN	COM	784730103	28,152	2,118,243	SH	SOLE	0	2,113,243	0	5,000
STAAR SURGICAL CO	COM PAR \$0.01	852312305	6,686	166,400	SH	SOLE	0	166,400	0	0
STANDARD BIOTOOLS INC	COM	34385P108	1,779	613,400	SH	SOLE	0	613,400	0	0
STANLEY BLACK & DECKER INC	COM	854502101	48,695	582,612	SH	SOLE	0	582,612	0	0
STANTEC INC	COM	85472N109	16,808	259,100	SH	SOLE	0	258,500	0	600
STARBOX GROUP HLDGS LTD.	ORDINARY SHARES	G8437S115	241	231,500	SH	SOLE	0	231,500	0	0
STARBUCKS CORP	COM	855244109	47,094	515,984	SH	SOLE	0	502,979	0	13,005
STAR BULK CARRIERS CORP.	SHS PAR	Y8162K204	20,659	1,071,500	SH	SOLE	0	1,071,500	0	0
STAR EQUITY HOLDINGS INC	COM	85513Q103	148	151,500	SH	SOLE	0	151,500	0	0
STAR GROUP L P	UNIT LTD PARTNR	85512C105	11,820	982,545	SH	SOLE	0	982,545	0	0
STARRETT L S CO	CL A	855668109	3,948	367,223	SH	SOLE	0	362,827	0	4,396
STARTEK INC	COM	85569C107	1,747	537,400	SH	SOLE	0	537,400	0	0
S & T BANCORP INC	COM	783859101	641	23,688	SH	SOLE	0	23,688	0	0
STEALTHGAS INC	SHS	Y81669106	9,935	1,973,276	SH	SOLE	0	1,908,757	0	64,519
STEEL CONNECT INC	COM	858098205	2,039	194,158	SH	SOLE	0	194,158	0	0
STELLANTIS N.V	SHS	N82405106	35,211	1,840,600	SH	SOLE	0	0	0	1,840,600
STELLAR BANCORP INC	COM	858927106	1,825	85,596	SH	SOLE	0	85,596	0	0
STEPAN CO	COM	858586100	915	12,200	SH	SOLE	0	12,200	0	0
STEPSTONE GROUP INC	COM CL A	85914M107	12,160	385,064	SH	SOLE	0	385,064	0	0
STEREOTAXIS INC	COM NEW	85916J409	458	289,700	SH	SOLE	0	289,700	0	0
STERICYCLE INC	COM	858912108	9,330	208,682	SH	SOLE	0	208,682	0	0
STERLING BANCORP INC	COM	85917W102	1,276	218,574	SH	SOLE	0	218,574	0	0
STERLING INFRASTRUCTURE INC	COM	859241101	76,385	1,039,529	SH	SOLE	0	1,036,798	0	2,731
STEWART INFORMATION SVCS COR	COM	860372101	9,220	210,500	SH	SOLE	0	210,500	0	0
STIFEL FINL CORP	COM	860630102	6,249	101,715	SH	SOLE	0	101,715	0	0
STITCH FIX INC	COM CL A	860897107	9,558	2,770,508	SH	SOLE	0	2,770,508	0	0
ST JOE CO	COM	790148100	2,065	38,000	SH	SOLE	0	38,000	0	0
STMICROELECTRONICS N V	NY REGISTRY	861012102	46,027	1,063,590	SH	SOLE	0	0	0	1,063,590
STOCK YDS BANCORP INC	COM	861025104	2,013	51,240	SH	SOLE	0	51,240	0	0
STONERIDGE INC	COM	86183P102	765	38,119	SH	SOLE	0	38,119	0	0
STONEX GROUP INC	COM	861896108	2,898	29,897	SH	SOLE	0	29,897	0	0
STRATA SKIN SCIENCES INC	COM NEW	86272A206	642	1,079,153	SH	SOLE	0	1,079,153	0	0
STRATASYS LTD	SHS	M85548101	9,278	681,732	SH	SOLE	0	681,732	0	0
STRATEGIC ED INC	COM	86272C103	10,225	135,878	SH	SOLE	0	135,878	0	0
STRATTEC SEC CORP	COM	863111100	1,564	68,306	SH	SOLE	0	68,306	0	0
STREAMLINE HEALTH SOLUTIONS	COM	86323X106	307	317,826	SH	SOLE	0	317,826	0	0
STRIDE INC	COM	86333M108	20,236	449,400	SH	SOLE	0	449,400	0	0
STUDIO CITY INTL HLDGS LTD	SPON ADS	86389T106	70	14,000	SH	SOLE	0	7,537	0	6,463
STURM RUGER & CO INC	COM	864159108	49,424	948,276	SH	SOLE	0	948,276	0	0
SUMITOMO MITSUI FINL GROUP I	SPONSORED ADR	86562M209	19,378	1,967,270	SH	SOLE	0	1,967,270	0	0
SUMMIT FINL GROUP INC	COM	86606G101	3,833	170,035	SH	SOLE	0	170,035	0	0
SUMMIT HOTEL PPTYS INC	COM	866082100	326	56,200	SH	SOLE	0	56,200	0	0
SUMMIT MATLS INC	CL A	86614U100	11,403	366,178	SH	SOLE	0	366,178	0	0
SUN CMNTYS INC	COM	866674104	2,686	22,700	SH	SOLE	0	22,700	0	0
SUNCOKE ENERGY INC	COM	86722A103	25,891	2,550,868	SH	SOLE	0	2,550,868	0	0

SUNCOR ENERGY INC NEW	COM	867224107	2,003	58,140	SH	SOLE	0	0	58,140
SUN CTRY AIRLS HLDGS INC	COM	866683105	188	12,700	SH	SOLE	0	12,700	0
SUNLINK HEALTH SYS INC	COM	86737U102	213	266,478	SH	SOLE	0	266,478	0
SUNOPTA INC	COM	8676EP108	1,147	340,300	SH	SOLE	0	340,300	0
SUNSTONE HOTEL INVS INC NEW	COM	867892101	2,808	300,296	SH	SOLE	0	282,935	17,361
SUPERIOR DRILLING PRODS INC	COM	868153107	412	515,241	SH	SOLE	0	478,720	36,521
SUPERIOR GROUP OF CO INC	COM	868358102	363	46,700	SH	SOLE	0	8,984	37,716
SUPERIOR INDS INTL INC	COM	868168105	2,898	953,251	SH	SOLE	0	947,714	5,537
SUPERNUS PHARMACEUTICALS INC	COM	868459108	39,657	1,438,422	SH	SOLE	0	1,438,422	0
SURF AIR MOBILITY INC	COM	868927104	51	31,200	SH	SOLE	0	31,200	0
SURMODICS INC	COM	868873100	18,550	578,065	SH	SOLE	0	564,364	13,701
SURROZEN INC	COM	86889P109	61	124,598	SH	SOLE	0	124,598	0
SUTRO BIOPHARMA INC	COM	869367102	1,051	302,897	SH	SOLE	0	302,897	0
SUZANO S A	SPON ADS	86959K105	13,445	1,250,702	SH	SOLE	0	1,250,702	0
SWEETGREEN INC	COM CL A	87043Q108	3,067	261,000	SH	SOLE	0	261,000	0
SWK HLDGS CORP	COM NEW	78501P203	235	14,900	SH	SOLE	0	14,900	0
S&W SEED CO	COM	785135104	57	51,020	SH	SOLE	0	51,020	0
SYLVAMO CORP	COMMON STOCK	871332102	6,973	158,700	SH	SOLE	0	158,700	0
SYNAPTICS INC	COM	87157D109	13,714	153,327	SH	SOLE	0	153,327	0
SYNAPTOGENIX INC	COM NEW	87167T201	10	23,300	SH	SOLE	0	23,300	0
SYNCHRONOSS TECHNOLOGIES INC	COM	87157B103	470	489,127	SH	SOLE	0	489,127	0
SYNCHRONY FINANCIAL	COM	87165B103	18,920	618,900	SH	SOLE	0	618,900	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	3,170	218,300	SH	SOLE	0	218,300	0
SYNOVUS FINL CORP	COM NEW	87161C501	3,929	141,318	SH	SOLE	0	141,318	0
SYPRIS SOLUTIONS INC	COM	871655106	1,482	777,450	SH	SOLE	0	777,450	0
SYROS PHARMACEUTICALS INC	COM NEW	87184Q206	194	49,235	SH	SOLE	0	49,235	0
SYSCO CORP	COM	871829107	79,135	1,198,100	SH	SOLE	0	1,077,172	120,928
TABOOLA.COM LTD	ORD SHS	M8744T106	1,169	308,400	SH	SOLE	0	308,400	0
TABULA RASA HEALTHCARE INC	COM	873379101	1,577	153,000	SH	SOLE	0	153,000	0
TACTILE SYS TECHNOLOGY INC	COM	87357P100	5,009	356,500	SH	SOLE	0	356,500	0
TAITRON COMPONENTS INC	CL A	874028103	1,083	306,721	SH	SOLE	0	276,426	30,295
TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS	874039100	92,446	1,063,820	SH	SOLE	0	183,386	880,434
TAKEDA PHARMACEUTICAL CO LTD	SPONSORED ADS	874060205	49,982	3,230,900	SH	SOLE	0	3,230,900	0
TALARIS THERAPEUTICS INC	COM	87410C104	552	196,465	SH	SOLE	0	196,465	0
TAL EDUCATION GROUP	SPONSORED ADS	874080104	29,830	3,274,427	SH	SOLE	0	2,589,657	684,770
TALKSPACE INC	COM	87427V103	2,231	1,143,975	SH	SOLE	0	1,143,975	0
TANGER FACTORY OUTLET CTRS I	COM	875465106	11,447	506,526	SH	SOLE	0	506,526	0
TANGO THERAPEUTICS INC	COM	87583X109	430	38,200	SH	SOLE	0	38,200	0
TANTECH HLDGS LTD	SHS NEW	G8675X149	66	48,623	SH	SOLE	0	48,623	0
TAPESTRY INC	COM	876030107	39,960	1,389,900	SH	SOLE	0	1,347,960	41,940
TARGA RES CORP	COM	87612G101	103,703	1,209,786	SH	SOLE	0	1,190,487	19,299
TARGET HOSPITALITY CORP	COM	87615L107	5,074	319,536	SH	SOLE	0	319,536	0
TARO PHARMACEUTICAL INDS LTD	SHS	M8737E108	22,204	588,800	SH	SOLE	0	588,800	0
TARSUS PHARMACEUTICALS INC	COM	87650L103	1,900	106,900	SH	SOLE	0	106,900	0
TASEKO MINES LTD	COM	876511106	6,258	4,927,170	SH	SOLE	0	4,927,170	0
TASKUS INC	CLASS A COM	87652V109	2,628	253,200	SH	SOLE	0	253,200	0
TAT TECHNOLOGIES LTD	ORD NEW	M8740S227	1,448	168,402	SH	SOLE	0	168,402	0
TAYLOR DEVICES INC	COM	877163105	1,188	55,762	SH	SOLE	0	47,981	7,781
TAYLOR MORRISON HOME CORP	COM	87724P106	11,153	261,753	SH	SOLE	0	261,753	0
TAYSHA GENE THERAPIES INC	COM SHS	877619106	1,890	598,000	SH	SOLE	0	598,000	0
TC BIOPHARM HOLDINGS PLC	SPONSORD ADS NEW	87807D202	5	11,003	SH	SOLE	0	11,003	0
TDCX INC	ADS	87190U100	1,857	314,200	SH	SOLE	0	314,200	0
TEAM INC	COM NEW	878155308	70	10,069	SH	SOLE	0	10,069	0
TECHTARGET INC	COM	87874R100	16,301	536,935	SH	SOLE	0	536,935	0
TECK RESOURCES LTD	CL B	878742204	7,993	185,488	SH	SOLE	0	185,488	0
TECNOGLASS INC	ORD SHS	G87264100	5,939	180,200	SH	SOLE	0	180,200	0
TE CONNECTIVITY LTD	SHS	H84989104	42,964	347,800	SH	SOLE	0	347,800	0

TEEKAY CORPORATION	COM	Y8564W103	18,368	2,976,975	SH	SOLE	0	2,976,975	0	0
TEEKAY TANKERS LTD	CL A	Y8565N300	14,867	357,112	SH	SOLE	0	357,112	0	0
TEGNA INC	COM	87901J105	9,304	638,604	SH	SOLE	0	615,152	0	23,452
TEJON RANCH CO	COM	879080109	6,739	415,448	SH	SOLE	0	415,448	0	0
TELA BIO INC	COM	872381108	273	34,100	SH	SOLE	0	34,100	0	0
TELADOC HEALTH INC	COM	87918A105	83,822	4,508,984	SH	SOLE	0	4,508,984	0	0
TELECOM ARGENTINA SA	SPON ADR REP B	879273209	101	21,121	SH	SOLE	0	0	0	21,121
TELEFLEX INCORPORATED	COM	879369106	12,551	63,900	SH	SOLE	0	63,900	0	0
TELEFONICA BRASIL SA	NEW ADR	87936R205	13,574	1,587,553	SH	SOLE	0	1,587,553	0	0
TELEPHONE & DATA SYS INC	COM NEW	879433829	3,004	164,085	SH	SOLE	0	157,081	0	7,004
TELESAT CORP	CL A & CL B SHS	879512309	342	23,900	SH	SOLE	0	23,900	0	0
TELOS CORP MD	COM	87969B101	2,955	1,236,300	SH	SOLE	0	1,022,085	0	214,215
TELUS CORPORATION	COM	87971M103	4,476	273,900	SH	SOLE	0	273,900	0	0
TELUS INTL CDA INC	SUB VTG SHS	87975H100	2,930	384,505	SH	SOLE	0	310,905	0	73,600
TEMPEST THERAPEUTICS INC	COM	87978U108	27	88,500	SH	SOLE	0	88,500	0	0
TENABLE HLDGS INC	COM	88025T102	5,873	131,100	SH	SOLE	0	131,100	0	0
TENARIS S A	SPONSORED ADS	88031M109	46,829	1,481,944	SH	SOLE	0	1,481,944	0	0
TENAYA THERAPEUTICS INC	COM	87990A106	1,106	433,600	SH	SOLE	0	433,600	0	0
TENCENT MUSIC ENTMT GROUP	SPON ADS	88034P109	57,743	9,050,690	SH	SOLE	0	9,050,690	0	0
TENNANT CO	COM	880345103	2,106	28,403	SH	SOLE	0	28,403	0	0
TERADATA CORP DEL	COM	88076W103	78,062	1,733,936	SH	SOLE	0	1,702,894	0	31,042
TERADYNE INC	COM	880770102	64,887	645,900	SH	SOLE	0	625,231	0	20,669
TERAWULF INC	COM	88080T104	541	429,100	SH	SOLE	0	429,100	0	0
TEREX CORP NEW	COM	880779103	1,072	18,600	SH	SOLE	0	18,600	0	0
TERNIUM SA	SPONSORED ADS	880890108	6,675	167,300	SH	SOLE	0	167,300	0	0
TERNS PHARMACEUTICALS INC	COM	880881107	1,459	290,100	SH	SOLE	0	290,100	0	0
TERRENO RLTY CORP	COM	88146M101	16,046	282,500	SH	SOLE	0	282,500	0	0
TERRITORIAL BANCORP INC	COM	88145X108	4,286	471,468	SH	SOLE	0	471,468	0	0
TESLA INC	COM	88160R101	179,307	716,596	SH	SOLE	0	716,596	0	0
TETRA TECH INC NEW	COM	88162G103	12,789	84,120	SH	SOLE	0	84,120	0	0
TETRA TECHNOLOGIES INC DEL	COM	88162F105	4,847	759,676	SH	SOLE	0	759,676	0	0
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	40,983	4,017,900	SH	SOLE	0	4,017,900	0	0
TEXAS CAP BANCSHARES INC	COM	88224Q107	5,007	85,000	SH	SOLE	0	85,000	0	0
TEXAS PACIFIC LAND CORPORATI	COM	88262P102	4,741	2,600	SH	SOLE	0	2,600	0	0
TEXAS ROADHOUSE INC	COM	882681109	53,314	554,772	SH	SOLE	0	554,772	0	0
TEXTAINER GROUP HOLDINGS LTD	SHS	G8766E109	3,092	83,000	SH	SOLE	0	83,000	0	0
TFF PHARMACEUTICALS INC	COM	87241J104	54	155,500	SH	SOLE	0	155,500	0	0
TFI INTL INC	COM	87241L109	3,095	24,100	SH	SOLE	0	24,100	0	0
TFS FINL CORP	COM	87240R107	44,885	3,797,356	SH	SOLE	0	3,797,356	0	0
TG THERAPEUTICS INC	COM	88322Q108	11,507	1,376,462	SH	SOLE	0	1,330,167	0	46,295
THE AARONS COMPANY INC	COM	00258W108	1,616	154,300	SH	SOLE	0	154,300	0	0
THE BEACHBODY COMPANY INC	COM CL A	073463101	201	680,900	SH	SOLE	0	680,900	0	0
THE ODP CORP	COM	88337F105	5,362	116,192	SH	SOLE	0	116,192	0	0
THE ONCOLOGY INSTITUTE INC	COM	68236X100	101	72,300	SH	SOLE	0	72,300	0	0
THE ONE GROUP HOSPITALITY IN	COM	88338K103	490	89,000	SH	SOLE	0	89,000	0	0
THE REAL BROKERAGE INC	COM NEW	75585H206	164	113,283	SH	SOLE	0	113,283	0	0
THE REALREAL INC	COM	88339P101	59	28,100	SH	SOLE	0	28,100	0	0
THERIVA BIOLOGICS INC	COM NEW	87164U409	29	54,210	SH	SOLE	0	54,210	0	0
THERMON GROUP HLDGS INC	COM	88362T103	5,054	184,000	SH	SOLE	0	184,000	0	0
THESEUS PHARMACEUTICALS INC	COM	88369M101	339	126,194	SH	SOLE	0	126,194	0	0
THIRD COAST BANCSHARES INC	COM	88422P109	959	56,101	SH	SOLE	0	56,101	0	0
THOMSON REUTERS CORP.	COM	884903808	403	3,295	SH	SOLE	0	3,295	0	0
THOR INDS INC	COM	885160101	7,591	79,800	SH	SOLE	0	79,391	0	409
THORNE HEALTHTECH INC	COM	885260109	283	27,800	SH	SOLE	0	27,800	0	0
THOUGHTWORKS HOLDING INC	COM	88546E105	1,157	283,685	SH	SOLE	0	283,685	0	0
THREDUP INC	CL A	88556E102	1,258	313,712	SH	SOLE	0	313,712	0	0
TIAN RUIXIANG HLDGS LTD	CL A SHS NEW	G8884K110	14	13,802	SH	SOLE	0	13,802	0	0

TIDAL ETF TR II	TSLA OPTION INCM	88634T709	3,447	252,000	SH	SOLE	0	252,000	0	0
TILE SHOP HLDGS INC	COM	88677Q109	70	12,700	SH	SOLE	0	12,700	0	0
TILLYS INC	CL A	886885102	7,638	940,612	SH	SOLE	0	940,612	0	0
TIMBERLAND BANCORP INC	COM	887098101	6,612	243,989	SH	SOLE	0	243,989	0	0
TIMKEN CO	COM	887389104	8,841	120,300	SH	SOLE	0	111,677	0	8,623
TIMKENSTEEL CORPORATION	COM	887399103	19,375	892,033	SH	SOLE	0	892,033	0	0
TIM S A	SPONSORED ADR	88706T108	14,152	949,786	SH	SOLE	0	949,786	0	0
TINGO GROUP INC	COM	55328R109	1,101	1,073,921	SH	SOLE	0	1,073,921	0	0
TIPTREE INC	COM	88822Q103	334	19,900	SH	SOLE	0	19,900	0	0
TITAN INTL INC ILL	COM	88830M102	40,261	2,997,859	SH	SOLE	0	2,997,859	0	0
TITAN MACHY INC	COM	88830R101	2,472	93,000	SH	SOLE	0	93,000	0	0
TITAN PHARMACEUTICALS INC DE	COM NEW	888314606	64	135,710	SH	SOLE	0	135,710	0	0
TKO GROUP HOLDINGS INC	CL A	87256C101	79,411	944,700	SH	SOLE	0	944,700	0	0
TMC THE METALS COMPANY INC	COM	87261Y106	619	624,536	SH	SOLE	0	624,536	0	0
TOAST INC	CL A	888787108	49,337	2,634,100	SH	SOLE	0	2,586,038	0	48,062
TOLL BROTHERS INC	COM	889478103	34,761	470,000	SH	SOLE	0	470,000	0	0
TOMI ENVIRONMENTAL SOLUTIONS	COM NEW	890023203	28	30,991	SH	SOLE	0	30,991	0	0
TOMPKINS FINL CORP	COM	890110109	957	19,530	SH	SOLE	0	19,530	0	0
TONIX PHARMACEUTICALS HLDG C	COM NEW	890260854	122	223,911	SH	SOLE	0	223,911	0	0
TOOTSIE ROLL INDS INC	COM	890516107	15,624	523,243	SH	SOLE	0	523,243	0	0
TOPBUILD CORP	COM	89055F103	10,467	41,600	SH	SOLE	0	41,600	0	0
TORM PLC	SHS CL A	G89479102	13,325	484,203	SH	SOLE	0	484,203	0	0
TORO CO	COM	891092108	19,977	240,400	SH	SOLE	0	240,400	0	0
TORO CORP	COM	Y8900D108	349	59,800	SH	SOLE	0	59,800	0	0
TOWER SEMICONDUCTOR LTD	SHS NEW	M87915274	23,854	971,246	SH	SOLE	0	971,246	0	0
TOWNEBANK PORTSMOUTH VA	COM	89214P109	14,911	650,282	SH	SOLE	0	650,282	0	0
TOWNSQUARE MEDIA INC	CL A	892231101	4,033	462,552	SH	SOLE	0	462,552	0	0
TOYOTA MOTOR CORP	ADS	892331307	2,229	12,400	SH	SOLE	0	12,400	0	0
TPG RE FIN TR INC	COM	87266M107	882	131,094	SH	SOLE	0	131,094	0	0
TPI COMPOSITES INC	COM	87266J104	305	115,200	SH	SOLE	0	115,200	0	0
TRACON PHARMACEUTICALS INC	COM NEW	89237H209	24	134,538	SH	SOLE	0	134,538	0	0
TRACTOR SUPPLY CO	COM	892356106	17,259	85,000	SH	SOLE	0	70,318	0	14,682
TRADEWEB MKTS INC	CL A	892672106	21,239	264,820	SH	SOLE	0	264,820	0	0
TRANE TECHNOLOGIES PLC	SHS	G8994E103	19,838	97,768	SH	SOLE	0	17,200	0	80,568
TRANSACT TECHNOLOGIES INC	COM	892918103	2,329	362,837	SH	SOLE	0	323,765	0	39,072
TRANSALTA CORP	COM	89346D107	20,740	2,382,941	SH	SOLE	0	2,057,900	0	325,041
TRANSCAT INC	COM	893529107	559	5,701	SH	SOLE	0	5,701	0	0
TRANSDIGM GROUP INC	COM	893641100	79,929	94,800	SH	SOLE	0	94,700	0	100
TRANSMEDICS GROUP INC	COM	89377M109	1,385	25,299	SH	SOLE	0	25,299	0	0
TRANSOCEAN LTD	REG SHS	H8817H100	6,733	819,964	SH	SOLE	0	2,056	0	817,908
TRANSPORTADORA DE GAS SUR	SPONSORED ADS B	893870204	1,171	115,000	SH	SOLE	0	0	0	115,000
TRAVELERS COMPANIES INC	COM	89417E109	51,471	315,172	SH	SOLE	0	257,240	0	57,932
TRAVELZOO	COM NEW	89421Q205	2,935	503,401	SH	SOLE	0	503,401	0	0
TRAVERE THERAPEUTICS INC	COM	89422G107	17,827	1,994,122	SH	SOLE	0	1,994,122	0	0
TREACE MED CONCEPTS INC	COM	89455T109	3,068	234,000	SH	SOLE	0	234,000	0	0
TREASURE GLOBAL INC	COM	89458T106	26	100,098	SH	SOLE	0	100,098	0	0
TREDEGAR CORP	COM	894650100	710	131,300	SH	SOLE	0	131,300	0	0
TREEHOUSE FOODS INC	COM	89469A104	11,083	254,322	SH	SOLE	0	254,322	0	0
TREMOR INTL LTD	ADS	89484T104	438	124,100	SH	SOLE	0	124,100	0	0
TREVENA INC	COM NEW	89532E208	107	177,452	SH	SOLE	0	177,452	0	0
TREVI THERAPEUTICS INC	COM	89532M101	147	67,300	SH	SOLE	0	67,300	0	0
TREX CO INC	COM	89531P105	25,207	409,000	SH	SOLE	0	409,000	0	0
TRICO BANCSHARES	COM	896095106	7,923	247,367	SH	SOLE	0	247,367	0	0
TRILOGY METALS INC NEW	COM	89621C105	123	251,500	SH	SOLE	0	251,500	0	0
TRIMAS CORP	COM NEW	896215209	2,109	85,170	SH	SOLE	0	85,170	0	0
TRIMBLE INC	COM	896239100	7,516	139,544	SH	SOLE	0	139,544	0	0
TRINET GROUP INC	COM	896288107	9,866	84,700	SH	SOLE	0	84,700	0	0

TRINITY BIOTECH PLC	SPON ADR NEW	896438306	1,002	1,363,198	SH	SOLE	0	1,363,198	0	0
TRINSEO PLC	SHS	G9059U107	2,359	288,800	SH	SOLE	0	288,800	0	0
TRIO TECH INTL	COM NEW	896712205	1,188	169,713	SH	SOLE	0	169,713	0	0
TRIPADVISOR INC	COM	896945201	19,072	1,150,310	SH	SOLE	0	1,150,310	0	0
TRIP COM GROUP LTD	ADS	89677Q107	76,246	2,180,312	SH	SOLE	0	2,180,312	0	0
TRIPLE FLAG PRECIOUS METAL	COM	89679M104	1,243	95,100	SH	SOLE	0	87,700	0	7,400
TRIUMPH GROUP INC NEW	COM	896818101	4,751	620,300	SH	SOLE	0	620,300	0	0
TRUEBLUE INC	COM	89785X101	2,284	155,700	SH	SOLE	0	155,700	0	0
TRUECAR INC	COM	89785L107	4,354	2,103,501	SH	SOLE	0	2,103,501	0	0
TRUIST FINL CORP	COM	89832Q109	53,764	1,879,217	SH	SOLE	0	1,521,128	0	358,089
TRUSTMARK CORP	COM	898402102	2,548	117,262	SH	SOLE	0	117,262	0	0
TRX GOLD CORPORATION	COM	87283P109	161	439,314	SH	SOLE	0	0	0	439,314
TSAKOS ENERGY NAVIGATION LTD	SHS	G9108L173	9,394	452,080	SH	SOLE	0	452,080	0	0
TSCAN THERAPEUTICS INC	COM	89854M101	45	17,700	SH	SOLE	0	17,700	0	0
TSR INC	COM	872885207	518	62,350	SH	SOLE	0	59,829	0	2,521
TTEC HLDGS INC	COM	89854H102	1,115	42,522	SH	SOLE	0	42,522	0	0
TTM TECHNOLOGIES INC	COM	87305R109	1,495	116,035	SH	SOLE	0	112,645	0	3,390
TUANCHE LTD	ADS NEW	89856T203	30	57,298	SH	SOLE	0	57,298	0	0
TUCOWS INC	COM NEW	898697206	4,318	211,551	SH	SOLE	0	211,551	0	0
TUNIU CORP	SPONSORED ADS	89977P106	207	172,330	SH	SOLE	0	172,330	0	0
TURKCELL ILETISIM HIZMETLERI	SPON ADR NEW	900111204	139	29,300	SH	SOLE	0	29,300	0	0
TURNING PT BRANDS INC	COM	90041L105	4,320	187,097	SH	SOLE	0	187,097	0	0
TUTOR PERINI CORP	COM	901109108	3,174	405,380	SH	SOLE	0	405,380	0	0
TUYA INC	SPONSORED ADS	90114C107	623	401,700	SH	SOLE	0	401,700	0	0
TWIN DISC INC	COM	901476101	1,210	88,193	SH	SOLE	0	83,690	0	4,503
TYSON FOODS INC	CL A	902494103	34,318	679,700	SH	SOLE	0	679,700	0	0
UBER TECHNOLOGIES INC	COM	90353T100	352,035	7,654,600	SH	SOLE	0	6,727,593	0	927,007
UBIQUITI INC	COM	90353W103	42,367	291,582	SH	SOLE	0	291,582	0	0
UBS GROUP AG	SHS	H42097107	20,656	837,991	SH	SOLE	0	837,991	0	0
UCLOUDLINK GROUP INC	SPONSORED ADS	90354D104	111	52,405	SH	SOLE	0	52,405	0	0
UDR INC	COM	902653104	29,874	837,498	SH	SOLE	0	831,010	0	6,488
UFP INDUSTRIES INC	COM	90278Q108	4,291	41,909	SH	SOLE	0	41,909	0	0
UFP TECHNOLOGIES INC	COM	902673102	54,927	340,212	SH	SOLE	0	338,873	0	1,339
U HAUL HOLDING COMPANY	COM SER N	023586506	3,882	74,100	SH	SOLE	0	74,100	0	0
UIPATH INC	CL A	90364P105	15,924	930,700	SH	SOLE	0	930,700	0	0
ULTA BEAUTY INC	COM	90384S303	159,140	398,399	SH	SOLE	0	383,000	0	15,399
ULTRA CLEAN HLDGS INC	COM	90385V107	3,510	118,300	SH	SOLE	0	118,300	0	0
ULTRALIFE CORP	COM	903899102	2,127	217,890	SH	SOLE	0	217,890	0	0
ULTRAPAR PARTICIPACOES SA	SP ADR REP COM	90400P101	5,582	1,521,000	SH	SOLE	0	1,521,000	0	0
UMB FINL CORP	COM	902788108	8,011	129,100	SH	SOLE	0	129,100	0	0
UMH PPTYS INC	COM	903002103	3,052	217,700	SH	SOLE	0	217,700	0	0
UNDER ARMOUR INC	CL C	904311206	2,856	447,700	SH	SOLE	0	447,700	0	0
UNIFI INC	COM NEW	904677200	297	41,834	SH	SOLE	0	41,834	0	0
UNION BANKSHARES INC	COM	905400107	273	12,732	SH	SOLE	0	12,732	0	0
UNION PAC CORP	COM	907818108	79,019	388,054	SH	SOLE	0	160,697	0	227,357
UNIQUIRE NV	SHS	N90064101	3,014	449,112	SH	SOLE	0	0	0	449,112
UNISYS CORP	COM NEW	909214306	2,046	592,933	SH	SOLE	0	592,933	0	0
UNITED AIRLS HLDGS INC	COM	910047109	152,787	3,611,996	SH	SOLE	0	3,611,996	0	0
UNITED BANKSHARES INC WEST V	COM	909907107	4,770	172,876	SH	SOLE	0	172,876	0	0
UNITED FIRE GROUP INC	COM	910340108	410	20,783	SH	SOLE	0	20,783	0	0
UNITED GUARDIAN INC	COM	910571108	1,400	185,863	SH	SOLE	0	185,863	0	0
UNITED MARITIME CORPORATION	COM	Y92335101	72	30,000	SH	SOLE	0	30,000	0	0
UNITED MICROELECTRONICS CORP	SPON ADR NEW	910873405	28,089	3,978,550	SH	SOLE	0	3,978,550	0	0
UNITED NAT FOODS INC	COM	911163103	1,309	92,550	SH	SOLE	0	92,550	0	0
UNITED SEC BANCSHARES CALIF	COM	911460103	460	61,795	SH	SOLE	0	61,795	0	0
UNITED STATES ANTIMONY CORP	COM	911549103	133	361,322	SH	SOLE	0	361,322	0	0
UNITED STATES CELLULAR CORP	COM	911684108	1,678	39,062	SH	SOLE	0	39,062	0	0

UNITED STS LIME & MINERALS I	COM	911922102	33,046	164,410	SH	SOLE	0	162,978	0	1,432
UNITED THERAPEUTICS CORP DEL	COM	91307C102	508,322	2,250,508	SH	SOLE	0	2,242,547	0	7,961
UNITIL CORP	COM	913259107	20,341	476,251	SH	SOLE	0	476,251	0	0
UNITY BANCORP INC	COM	913290102	316	13,500	SH	SOLE	0	13,500	0	0
UNITY BIOTECHNOLOGY INC	COM NEW	91381U200	92	38,371	SH	SOLE	0	38,371	0	0
UNIVERSAL CORP VA	COM	913456109	13,267	281,011	SH	SOLE	0	281,011	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	13,909	88,600	SH	SOLE	0	88,600	0	0
UNIVERSAL ELECTRS INC	COM	913483103	1,394	154,023	SH	SOLE	0	101,809	0	52,214
UNIVERSAL HEALTH RLTY INCOME	SH BEN INT	91359E105	10,468	258,910	SH	SOLE	0	258,910	0	0
UNIVERSAL HLTH SVCS INC	CL B	913903100	5,293	42,100	SH	SOLE	0	42,100	0	0
UNIVERSAL INS HLDGS INC	COM	91359V107	2,176	155,200	SH	SOLE	0	155,200	0	0
UNIVERSAL STAINLESS & ALLOY	COM	913837100	2,186	166,758	SH	SOLE	0	113,629	0	53,129
UNIVERSAL TECHNICAL INST INC	COM	913915104	9,727	1,160,794	SH	SOLE	0	1,160,794	0	0
UNIVEST FINANCIAL CORPORATIO	COM	915271100	12,162	699,769	SH	SOLE	0	699,769	0	0
UNUM GROUP	COM	91529Y106	14,560	296,000	SH	SOLE	0	296,000	0	0
UPBOUND GROUP INC	COM	76009N100	1,390	47,212	SH	SOLE	0	47,212	0	0
UP FINTECH HLDG LTD	SPONSORED ADS	91531W106	843	164,576	SH	SOLE	0	164,576	0	0
UPHEALTH INC	COM NEW	91532B200	65	66,556	SH	SOLE	0	66,556	0	0
UPLAND SOFTWARE INC	COM	91544A109	161	34,808	SH	SOLE	0	34,808	0	0
UPWORK INC	COM	91688F104	24,675	2,172,100	SH	SOLE	0	2,172,100	0	0
URBAN EDGE PPTYS	COM	91704F104	2,358	154,500	SH	SOLE	0	154,500	0	0
URBAN-GRO INC	COM NEW	91704K202	17	12,400	SH	SOLE	0	12,400	0	0
URBAN ONE INC	CL A	91705J105	282	56,100	SH	SOLE	0	56,100	0	0
URBAN ONE INC	CL D NON VTG	91705J204	1,230	244,605	SH	SOLE	0	244,605	0	0
URBAN OUTFITTERS INC	COM	917047102	20,660	632,000	SH	SOLE	0	632,000	0	0
UROGEN PHARMA LTD	COM	M96088105	2,246	160,300	SH	SOLE	0	160,300	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	70,801	1,207,997	SH	SOLE	0	1,207,997	0	0
USCB FINANCIAL HOLDINGS INC	CLASS A COM	90355N101	191	18,200	SH	SOLE	0	18,200	0	0
U S ENERGY CORP DEL	COM	911805307	35	25,700	SH	SOLE	0	25,700	0	0
US FOODS HLDG CORP	COM	912008109	10,640	268,000	SH	SOLE	0	209,917	0	58,083
U S GLOBAL INVS INC	CL A	902952100	278	97,584	SH	SOLE	0	97,584	0	0
U S GOLD CORP	COM NEW	90291C201	43	13,800	SH	SOLE	0	13,800	0	0
USIO INC	COM	917313108	632	361,341	SH	SOLE	0	350,822	0	10,519
U S PHYSICAL THERAPY	COM	90337L108	3,848	41,953	SH	SOLE	0	41,953	0	0
U S SILICA HLDGS INC	COM	90346E103	54,175	3,858,624	SH	SOLE	0	3,858,624	0	0
UTAH MED PRODS INC	COM	917488108	17,674	205,514	SH	SOLE	0	200,059	0	5,455
UTSTARCOM HOLDINGS CORP	ORDINARY SHARES	G9310A122	648	172,226	SH	SOLE	0	172,226	0	0
UTZ BRANDS INC	COM CL A	918090101	6,358	473,400	SH	SOLE	0	473,400	0	0
UWM HOLDINGS CORPORATION	COM CL A	91823B109	7,169	1,478,100	SH	SOLE	0	1,478,100	0	0
VAALCO ENERGY INC	COM NEW	91851C201	10,066	2,293,018	SH	SOLE	0	2,293,018	0	0
VACASA INC	CLASS A COM	91854V107	285	618,699	SH	SOLE	0	618,699	0	0
VACCITECH PLC	ADS	91864C107	66	21,400	SH	SOLE	0	21,400	0	0
VALARIS LTD	CL A	G9460G101	907	12,100	SH	SOLE	0	12,100	0	0
VALENS SEMICONDUCTOR LTD	ORDINARY SHARES	M9607U115	1,311	492,734	SH	SOLE	0	492,734	0	0
VALE S A	SPONSORED ADS	91912E105	2,425	180,959	SH	SOLE	0	180,959	0	0
VALHI INC NEW	COM	918905209	1,819	137,217	SH	SOLE	0	137,217	0	0
VALMONT INDS INC	COM	920253101	15,037	62,600	SH	SOLE	0	62,600	0	0
VALUE LINE INC	COM	920437100	450	10,300	SH	SOLE	0	10,300	0	0
VALVOLINE INC	COM	92047W101	36,368	1,128,051	SH	SOLE	0	1,128,051	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	14,109	3,266,025	SH	SOLE	0	3,266,025	0	0
VANECK ETF TRUST	AGRIBUSINESS ETF	92189F700	205	2,600	SH	SOLE	0	2,600	0	0
VANECK ETF TRUST	GOLD MINERS ETF	92189F106	291	10,800	SH	SOLE	0	10,800	0	0
VANECK ETF TRUST	IG FLOATING RATE	92189F486	11,033	436,264	SH	SOLE	0	436,264	0	0
VANECK ETF TRUST	JUNIOR GOLD MINE	92189F791	1,605	49,800	SH	SOLE	0	49,800	0	0
VANECK ETF TRUST	MRNGSTR WDE MOAT	92189F643	2,055	27,100	SH	SOLE	0	27,100	0	0
VANECK ETF TRUST	OIL SERVICES ETF	92189H607	997	2,890	SH	SOLE	0	2,890	0	0
VANECK ETF TRUST	PHARMACEUTCL ETF	92189F692	735	9,200	SH	SOLE	0	9,200	0	0

VANECK ETF TRUST	VANECK VIETNAM	92189F817	1,032	76,200	SH	SOLE	0	76,200	0	0
VANGUARD ADMIRAL FDS INC	500 GRTH IDX F	921932505	889	3,600	SH	SOLE	0	3,600	0	0
VANGUARD ADMIRAL FDS INC	500 VAL IDX FD	921932703	996	6,700	SH	SOLE	0	6,700	0	0
VANGUARD ADMIRAL FDS INC	MIDCP 400 IDX	921932885	220	2,600	SH	SOLE	0	2,600	0	0
VANGUARD BD INDEX FDS	INTERMED TERM	921937819	333	4,600	SH	SOLE	0	4,600	0	0
VANGUARD BD INDEX FDS	LONG TERM BOND	921937793	449	6,700	SH	SOLE	0	6,700	0	0
VANGUARD BD INDEX FDS	SHORT TRM BOND	921937827	2,593	34,500	SH	SOLE	0	34,500	0	0
VANGUARD BD INDEX FDS	VANGUARD ULTRA	92203C303	40,935	832,173	SH	SOLE	0	832,173	0	0
VANGUARD INDEX FDS	EXTEND MKT ETF	922908652	1,132	7,900	SH	SOLE	0	7,900	0	0
VANGUARD INDEX FDS	LARGE CAP ETF	922908637	391	2,000	SH	SOLE	0	2,000	0	0
VANGUARD INDEX FDS	MCAP GR IDXVIP	922908538	234	1,200	SH	SOLE	0	1,200	0	0
VANGUARD INDEX FDS	MCAP VL IDXVIP	922908512	799	6,100	SH	SOLE	0	6,100	0	0
VANGUARD INDEX FDS	MID CAP ETF	922908629	3,249	15,600	SH	SOLE	0	15,600	0	0
VANGUARD INDEX FDS	SMALL CP ETF	922908751	1,910	10,100	SH	SOLE	0	10,100	0	0
VANGUARD INDEX FDS	SM CP VAL ETF	922908611	1,324	8,300	SH	SOLE	0	8,300	0	0
VANGUARD INDEX FDS	SML CP GRW ETF	922908595	407	1,900	SH	SOLE	0	1,900	0	0
VANGUARD INDEX FDS	S&P 500 ETF SHS	922908363	825	2,100	SH	SOLE	0	2,100	0	0
VANGUARD INDEX FDS	TOTAL STK MKT	922908769	4,291	20,200	SH	SOLE	0	20,200	0	0
VANGUARD INDEX FDS	VALUE ETF	922908744	2,745	19,899	SH	SOLE	0	19,899	0	0
VANGUARD INTL EQUITY INDEX F	FTSE EMR MKT ETF	922042858	831	21,200	SH	SOLE	0	21,200	0	0
VANGUARD INTL EQUITY INDEX F	TT WRLD ST ETF	922042742	1,370	14,700	SH	SOLE	0	14,700	0	0
VANGUARD MALVERN FDS	STRM INFPROIDX	922020805	4,232	89,500	SH	SOLE	0	89,500	0	0
VANGUARD MUN BD FDS	TAX EXEMPT BD	922907746	340	7,073	SH	SOLE	0	7,073	0	0
VANGUARD SCOTTSDALE FDS	LONG TERM TREAS	92206C847	1,621	29,200	SH	SOLE	0	29,200	0	0
VANGUARD SCOTTSDALE FDS	SHORT TERM TREAS	92206C102	6,048	105,000	SH	SOLE	0	105,000	0	0
VANGUARD SCOTTSDALE FDS	SHRT TRM CORP BD	92206C409	6,764	90,000	SH	SOLE	0	90,000	0	0
VANGUARD SCOTTSDALE FDS	VNG RUS1000GRW	92206C680	746	10,900	SH	SOLE	0	10,900	0	0
VANGUARD SCOTTSDALE FDS	VNG RUS1000IDX	92206C730	1,207	6,200	SH	SOLE	0	6,200	0	0
VANGUARD SCOTTSDALE FDS	VNG RUS1000VAL	92206C714	1,000	15,000	SH	SOLE	0	15,000	0	0
VANGUARD SCOTTSDALE FDS	VNG RUS2000IDX	92206C664	429	6,000	SH	SOLE	0	6,000	0	0
VANGUARD SPECIALIZED FUNDS	DIV APP ETF	921908844	2,843	18,300	SH	SOLE	0	18,300	0	0
VANGUARD WHITEHALL FDS	HIGH DIV YLD	921946406	496	4,800	SH	SOLE	0	4,800	0	0
VANGUARD WORLD FD	ESG INTL STK ETF	921910725	646	12,800	SH	SOLE	0	12,800	0	0
VANGUARD WORLD FD	ESG US STK ETF	921910733	496	6,600	SH	SOLE	0	6,600	0	0
VANGUARD WORLD FD	MEGA CAP INDEX	921910873	1,549	10,200	SH	SOLE	0	10,200	0	0
VANGUARD WORLD FD	MEGA CAP VAL ETF	921910840	761	7,500	SH	SOLE	0	7,500	0	0
VANGUARD WORLD FDS	COMM SRVC ETF	92204A884	219	2,084	SH	SOLE	0	2,084	0	0
VANGUARD WORLD FDS	ENERGY ETF	92204A306	1,952	15,400	SH	SOLE	0	15,400	0	0
VANGUARD WORLD FDS	INDUSTRIAL ETF	92204A603	799	4,100	SH	SOLE	0	4,100	0	0
VAPOTHERM INC	COM NEW	922107305	53	20,954	SH	SOLE	0	20,954	0	0
VAREX IMAGING CORP	COM	92214X106	5,614	298,780	SH	SOLE	0	298,780	0	0
VARONIS SYS INC	COM	922280102	7,714	252,600	SH	SOLE	0	252,600	0	0
VASTA PLATFORM LTD	CL A	G9440A109	89	21,500	SH	SOLE	0	21,500	0	0
VAXART INC	COM NEW	92243A200	26	34,700	SH	SOLE	0	34,700	0	0
VBI VACCINES INC CDA	COM NEW	91822J202	18	27,342	SH	SOLE	0	27,342	0	0
VECTOR GROUP LTD	COM	92240M108	81,673	7,676,020	SH	SOLE	0	7,676,020	0	0
VELO3D INC	COMMON STOCK	92259N104	186	119,000	SH	SOLE	0	119,000	0	0
VERA BRADLEY INC	COM	92335C106	2,825	427,340	SH	SOLE	0	427,340	0	0
VERACYTE INC	COM	92337F107	4,261	190,800	SH	SOLE	0	190,800	0	0
VERADIGM INC	COM	01988P108	2,386	181,565	SH	SOLE	0	181,565	0	0
VERASTEM INC	COM NEW	92337C203	377	46,365	SH	SOLE	0	46,365	0	0
VERA THERAPEUTICS INC	CL A	92337R101	1,196	87,200	SH	SOLE	0	87,200	0	0
VERICEL CORP	COM	92346J108	1,710	51,000	SH	SOLE	0	51,000	0	0
VERIFYME INC	COM NEW	92346X206	36	30,849	SH	SOLE	0	22,592	0	8,257
VERISIGN INC	COM	92343E102	626,727	3,094,490	SH	SOLE	0	3,062,968	0	31,522
VERISK ANALYTICS INC	COM	92345Y106	14,198	60,100	SH	SOLE	0	60,100	0	0
VERIS RESIDENTIAL INC	COM	554489104	8,708	527,769	SH	SOLE	0	527,769	0	0

VERITEX HLDGS INC	COM	923451108	1,594	88,777	SH	SOLE	0	88,777	0	0
VERITIV CORP	COM	923454102	1,892	11,200	SH	SOLE	0	11,200	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	155,386	4,794,381	SH	SOLE	0	3,452,117	0	1,342,264
VERMILION ENERGY INC	COM	923725105	524	35,822	SH	SOLE	0	35,822	0	0
VERRA MOBILITY CORP	CL A COM STK	92511U102	1,713	91,600	SH	SOLE	0	91,600	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	265	68,100	SH	SOLE	0	68,100	0	0
VERSABANK NEW	COM	92512J106	93	11,900	SH	SOLE	0	9,200	0	2,700
VERSUS SYSTEMS INC	COM	92535P881	2	10,457	SH	SOLE	0	10,457	0	0
VERTEX INC	CL A	92538J106	6,477	280,400	SH	SOLE	0	280,400	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	578,670	1,664,088	SH	SOLE	0	1,593,342	0	70,746
VERTIV HOLDINGS CO	COM CL A	92537N108	96,932	2,605,712	SH	SOLE	0	2,605,712	0	0
V F CORP	COM	918204108	11,528	652,400	SH	SOLE	0	652,400	0	0
VIAANT TECHNOLOGY INC	COM CL A	92557A101	2,056	367,075	SH	SOLE	0	367,075	0	0
VIA RENEWABLES INC	CL A COM NEW	92556D304	971	132,101	SH	SOLE	0	132,101	0	0
VIAVI SOLUTIONS INC	COM	925550105	3,784	414,026	SH	SOLE	0	414,026	0	0
VICARIOUS SURGICAL INC	COM CL A	92561V109	408	690,795	SH	SOLE	0	690,795	0	0
VICINITY MOTOR CORP	COM	925654105	17	17,928	SH	SOLE	0	17,928	0	0
VICOR CORP	COM	925815102	15,064	255,800	SH	SOLE	0	249,750	0	6,050
VICTORY CAP HLDGS INC	COM CL A	92645B103	2,180	65,400	SH	SOLE	0	65,400	0	0
VIEMED HEALTHCARE INC	COM	92663R105	2,199	326,700	SH	SOLE	0	323,200	0	3,500
VILLAGE FARMS INTL INC	COM	92707Y108	309	387,566	SH	SOLE	0	387,566	0	0
VILLAGE SUPER MKT INC	CL A NEW	927107409	12,694	560,684	SH	SOLE	0	560,684	0	0
VIMEO INC	COMMON STOCK	92719V100	14,970	4,228,700	SH	SOLE	0	4,228,700	0	0
VINCE HLDG CORP	COM NEW	92719W207	189	120,350	SH	SOLE	0	120,350	0	0
VINCERX PHARMA INC	COM NEW	92731L106	134	132,900	SH	SOLE	0	132,900	0	0
VINCI PARTNERS INVT LTD	COM CL A	G9451V109	445	43,632	SH	SOLE	0	43,632	0	0
VINTAGE WINE ESTATES INC	COM	92747V106	10	17,900	SH	SOLE	0	17,900	0	0
VIOMI TECHNOLOGY CO LTD	SPONSORED ADS	92762J103	81	80,064	SH	SOLE	0	80,064	0	0
VIPER ENERGY PARTNERS LP	COM UNT RP INT	92763M105	1,346	48,266	SH	SOLE	0	0	0	48,266
VIPSHOP HLDGS LTD	SPONSORED ADS A	92763W103	21,369	1,334,700	SH	SOLE	0	0	0	1,334,700
VIRACTA THERAPEUTICS INC	COM	92765F108	154	148,199	SH	SOLE	0	148,199	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	12,691	1,354,400	SH	SOLE	0	1,354,400	0	0
VIRCO MFG CO	COM	927651109	1,760	221,630	SH	SOLE	0	218,177	0	3,453
VIRIDIAN THERAPEUTICS INC	COM	92790C104	1,000	65,200	SH	SOLE	0	65,200	0	0
VIRIOS THERAPEUTICS INC	COM	92829J104	13	13,999	SH	SOLE	0	13,999	0	0
VIRPAX PHARMACEUTICALS INC	COM	928251107	57	71,100	SH	SOLE	0	39,020	0	32,080
VIRTRA INC	COM PAR	92827K301	988	177,000	SH	SOLE	0	152,475	0	24,525
VIRTU FINL INC	CL A	928254101	70,065	4,057,023	SH	SOLE	0	4,057,023	0	0
VISA INC	COM CL A	92826C839	104,147	452,794	SH	SOLE	0	47,394	0	405,400
VISHAY INTERTECHNOLOGY INC	COM	928298108	14,608	590,925	SH	SOLE	0	590,925	0	0
VISHAY PRECISION GROUP INC	COM	92835K103	20,788	619,073	SH	SOLE	0	619,073	0	0
VISTA ENERGY S.A.B. DE C.V.	SPONSORED ADS	92837L109	22,072	726,300	SH	SOLE	0	726,300	0	0
VISTA GOLD CORP	COM NEW	927926303	49	112,863	SH	SOLE	0	0	0	112,863
VISTRA CORP	COM	92840M102	41,652	1,255,340	SH	SOLE	0	1,255,340	0	0
VITA COCO CO INC	COM	92846Q107	4,479	172,015	SH	SOLE	0	172,015	0	0
VITAL FARMS INC	COM	92847W103	5,622	485,500	SH	SOLE	0	485,500	0	0
VITESSE ENERGY INC	COMMON STOCK	92852X103	3,431	149,895	SH	SOLE	0	149,895	0	0
VITRU LTD	COM	G9440D103	531	30,210	SH	SOLE	0	15,485	0	14,725
VIVID SEATS INC	COM CL A	92854T100	1,519	236,600	SH	SOLE	0	236,600	0	0
VIZIO HLDG CORP	CL A COM	92858V101	3,644	673,500	SH	SOLE	0	673,500	0	0
VIZSLA SILVER CORP	COM NEW	92859G202	158	152,853	SH	SOLE	0	152,853	0	0
VNET GROUP INC	SPONSORED ADS A	90138A103	854	272,833	SH	SOLE	0	272,833	0	0
VODAFONE GROUP PLC NEW	SPONSORED ADR	92857W308	130,704	13,787,332	SH	SOLE	0	13,787,332	0	0
VONTIER CORPORATION	COM	928881101	38,186	1,235,000	SH	SOLE	0	1,235,000	0	0
VOR BIOPHARMA INC	COM	929033108	77	36,500	SH	SOLE	0	36,500	0	0
VOX ROYALTY CORP	COM	92919F103	112	55,400	SH	SOLE	0	55,400	0	0
VOXX INTL CORP	CL A	91829F104	3,306	414,322	SH	SOLE	0	414,322	0	0

VOYAGER THERAPEUTICS INC	COM	92915B106	3,128	403,600	SH	SOLE	0	403,600	0	0
VROOM INC	COM	92918V109	3,600	3,214,100	SH	SOLE	0	3,214,100	0	0
VTEX	SHS CL A	G9470A102	3,345	667,624	SH	SOLE	0	667,624	0	0
VULCAN MATLS CO	COM	929160109	37,225	184,265	SH	SOLE	0	184,265	0	0
VYNE THERAPEUTICS INC	COM	92941V308	105	25,976	SH	SOLE	0	25,976	0	0
WABASH NATL CORP	COM	929566107	11,391	539,348	SH	SOLE	0	539,348	0	0
WABTEC	COM	929740108	17,608	165,695	SH	SOLE	0	165,695	0	0
WAFD INC	COM	938824109	2,274	88,776	SH	SOLE	0	88,776	0	0
WAG GROUP CO	COMMON STOCK	93042P109	180	92,239	SH	SOLE	0	72,341	0	19,898
WALKME LTD	ORD SHS	M97628107	202	21,300	SH	SOLE	0	21,300	0	0
WALMART INC	COM	931142103	76,335	477,300	SH	SOLE	0	477,300	0	0
WARBY PARKER INC	CL A COM	93403J106	7,230	549,400	SH	SOLE	0	543,557	0	5,843
WARNER MUSIC GROUP CORP	COM CL A	934550203	1,143	36,400	SH	SOLE	0	36,400	0	0
WARRIOR MET COAL INC	COM	93627C101	61,974	1,213,279	SH	SOLE	0	1,213,279	0	0
WASHINGTON TR BANCORP INC	COM	940610108	2,535	96,268	SH	SOLE	0	96,268	0	0
WASTE CONNECTIONS INC	COM	94106B101	54,754	407,689	SH	SOLE	0	399,789	0	7,900
WASTE MGMT INC DEL	COM	94106L109	28,384	186,200	SH	SOLE	0	179,447	0	6,753
WATERSTONE FINL INC MD	COM	94188P101	14,719	1,344,236	SH	SOLE	0	1,344,236	0	0
WATTS WATER TECHNOLOGIES INC	CL A	942749102	12,841	74,300	SH	SOLE	0	64,156	0	10,144
WAVE LIFE SCIENCES LTD	SHS	Y95308105	182	31,700	SH	SOLE	0	31,700	0	0
WAYFAIR INC	CL A	94419L101	94,627	1,562,275	SH	SOLE	0	1,258,516	0	303,759
WD 40 CO	COM	929236107	38,709	190,461	SH	SOLE	0	190,461	0	0
WEATHERFORD INTL PLC	ORD SHS	G48833118	40,084	443,753	SH	SOLE	0	443,753	0	0
WEAVE COMMUNICATIONS INC	COM	94724R108	3,301	405,000	SH	SOLE	0	405,000	0	0
WEIBO CORP	SPONSORED ADR	948596101	5,580	445,000	SH	SOLE	0	445,000	0	0
WEIS MKTS INC	COM	948849104	22,556	358,036	SH	SOLE	0	358,036	0	0
WENDYS CO	COM	95058W100	5,188	254,182	SH	SOLE	0	254,182	0	0
WEREWOLF THERAPEUTICS INC	COM	95075A107	97	45,200	SH	SOLE	0	45,200	0	0
WERNER ENTERPRISES INC	COM	950755108	4,583	117,663	SH	SOLE	0	115,900	0	1,763
WESBANCO INC	COM	950810101	1,522	62,325	SH	SOLE	0	62,325	0	0
WESCO INTL INC	COM	95082P105	6,281	43,674	SH	SOLE	0	42,421	0	1,253
WESTAMERICA BANCORPORATION	COM	957090103	1,238	28,631	SH	SOLE	0	28,631	0	0
WEST BANCORPORATION INC	CAP STK	95123P106	3,496	214,352	SH	SOLE	0	214,352	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	7,875	171,304	SH	SOLE	0	171,304	0	0
WESTERN ASSET MTG CAP CORP	COM	95790D204	580	61,741	SH	SOLE	0	61,741	0	0
WESTERN COPPER & GOLD CORP	COM	95805V108	39	28,633	SH	SOLE	0	0	0	28,633
WESTERN NEW ENG BANCORP INC	COM	958892101	7,758	1,195,348	SH	SOLE	0	1,195,348	0	0
WEST FRASER TIMBER CO LTD	COM	952845105	11,963	164,700	SH	SOLE	0	92,000	0	72,700
WESTLAKE CORPORATION	COM	960413102	7,767	62,300	SH	SOLE	0	62,300	0	0
WESTWATER RES INC	COM NEW	961684206	27	40,500	SH	SOLE	0	40,500	0	0
WESTWOOD HLDGS GROUP INC	COM	961765104	4,467	440,051	SH	SOLE	0	440,051	0	0
WEX INC	COM	96208T104	6,320	33,600	SH	SOLE	0	33,600	0	0
WEYCO GROUP INC	COM	962149100	429	16,926	SH	SOLE	0	16,926	0	0
WEYERHAEUSER CO MTN BE	COM NEW	962166104	19,907	649,281	SH	SOLE	0	639,607	0	9,674
WHEATON PRECIOUS METALS CORP	COM	962879102	86,660	2,137,033	SH	SOLE	0	2,108,533	0	28,500
WHEELER REAL ESTATE INVT TR	COM	963025887	85	25,841	SH	SOLE	0	25,841	0	0
WHEELS UP EXPERIENCE INC	COM CL A	96328L205	513	247,870	SH	SOLE	0	247,870	0	0
WHITE MTNS INS GROUP LTD	COM	G9618E107	4,936	3,300	SH	SOLE	0	3,300	0	0
WHITESTONE REIT	COM	966084204	3,353	348,184	SH	SOLE	0	348,184	0	0
WHOLE EARTH BRANDS INC	COM CL A	96684W100	892	247,700	SH	SOLE	0	247,700	0	0
WIDEPOINT CORP	COMMON	967590209	51	29,900	SH	SOLE	0	29,900	0	0
WILHELMINA INTL INC	COM NEW	968235200	77	20,000	SH	SOLE	0	20,000	0	0
WILLAMETTE VY VINEYARD INC	COM	969136100	493	84,552	SH	SOLE	0	84,552	0	0
WILLIS LEASE FIN CORP	COM	970646105	10,706	253,097	SH	SOLE	0	253,097	0	0
WILLSCOT MOBIL MINI HLDNG CO	COM CL A	971378104	5,178	124,494	SH	SOLE	0	124,494	0	0
WIMI HOLOGRAM CLOUD INC	SPON ADS CL B	97264L100	249	345,200	SH	SOLE	0	345,200	0	0
WINGSTOP INC	COM	974155103	35,499	197,390	SH	SOLE	0	197,390	0	0

WINMARK CORP	COM	974250102	62,697	168,031	SH	SOLE	0	158,662	0	9,369
WINNEBAGO INDS INC	COM	974637100	2,194	36,900	SH	SOLE	0	36,900	0	0
WINTRUST FINL CORP	COM	97650W108	815	10,800	SH	SOLE	0	10,800	0	0
WISDOMTREE INC	COM	97717P104	7,966	1,137,979	SH	SOLE	0	1,137,979	0	0
WISDOMTREE TR	CLOUD COMPUTNG	97717Y691	344	11,600	SH	SOLE	0	11,600	0	0
WISDOMTREE TR	EM EX ST-OWNED	97717X578	360	13,500	SH	SOLE	0	13,500	0	0
WISDOMTREE TR	FLOATNG RAT TREA	97717Y527	50,214	997,900	SH	SOLE	0	997,900	0	0
WISDOMTREE TR	INDIA ERNGS FD	97717W422	3,867	105,200	SH	SOLE	0	105,200	0	0
WISDOMTREE TR	ITL HDG QTLY DIV	97717X594	1,770	45,700	SH	SOLE	0	45,700	0	0
WISDOMTREE TR	JAPN HEDGE EQT	97717W851	1,394	15,800	SH	SOLE	0	15,800	0	0
WISDOMTREE TR	US LARGE CAP DIVD	97717W307	867	14,100	SH	SOLE	0	14,100	0	0
WISDOMTREE TR	US MIDCAP DIVID	97717W505	438	10,700	SH	SOLE	0	10,700	0	0
WISDOMTREE TR	US QTLY DIV GRT	97717X669	984	15,500	SH	SOLE	0	15,500	0	0
WISDOMTREE TR	US SMALLCAP DIVD	97717W604	271	9,600	SH	SOLE	0	9,600	0	0
WISDOMTREE TR	YIELD ENHANC'D US	97717X511	685	16,500	SH	SOLE	0	16,500	0	0
WISEKEY INTERNATIONAL HLDS L	SPON ADR	97727L408	21	11,756	SH	SOLE	0	11,756	0	0
WIX COM LTD	SHS	M98068105	37,538	408,906	SH	SOLE	0	408,906	0	0
WM TECHNOLOGY INC	COM	92971A109	741	561,576	SH	SOLE	0	561,576	0	0
WNS HLDGS LTD	SPON ADR	92932M101	42,466	620,300	SH	SOLE	0	620,300	0	0
WOODWARD INC	COM	980745103	9,827	79,084	SH	SOLE	0	78,565	0	519
WORKIVA INC	COM CL A	98139A105	55,149	544,200	SH	SOLE	0	544,200	0	0
WORKSPORT LTD	COM NEW	98139Q209	84	40,200	SH	SOLE	0	40,200	0	0
WORLD ACCEP CORPORATION	COM	981419104	635	5,000	SH	SOLE	0	5,000	0	0
WORLD KINECT CORPORATION	COM	981475106	3,513	156,639	SH	SOLE	0	156,639	0	0
WORTHINGTON INDS INC	COM	981811102	5,298	85,700	SH	SOLE	0	85,700	0	0
WPP PLC NEW	ADR	92937A102	1,262	28,300	SH	SOLE	0	28,300	0	0
WSFS FINL CORP	COM	929328102	9,944	272,426	SH	SOLE	0	272,426	0	0
W & T OFFSHORE INC	COM	92922P106	3,431	783,401	SH	SOLE	0	783,401	0	0
WW INTL INC	COM	98262P101	10,341	934,112	SH	SOLE	0	934,112	0	0
WYNN RESORTS LTD	COM	983134107	9,361	101,300	SH	SOLE	0	101,300	0	0
XBIOTECH INC	COM	98400H102	63	15,287	SH	SOLE	0	0	0	15,287
XCEL BRANDS INC	COM NEW	98400M101	37	35,700	SH	SOLE	0	35,700	0	0
XCEL ENERGY INC	COM	98389B100	29,978	523,900	SH	SOLE	0	523,900	0	0
XENCOR INC	COM	98401F105	893	44,300	SH	SOLE	0	44,300	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	3,719	315,700	SH	SOLE	0	315,700	0	0
XENON PHARMACEUTICALS INC	COM	98420N105	748	21,900	SH	SOLE	0	21,900	0	0
XERIS BIOPHARMA HOLDINGS INC	COM	98422E103	1,901	1,022,040	SH	SOLE	0	1,022,040	0	0
X FINL	SPONSORED ADS	98372W202	408	99,675	SH	SOLE	0	99,675	0	0
XILIO THERAPEUTICS INC	COM	98422T100	44	20,700	SH	SOLE	0	20,700	0	0
XOMA CORP DEL	COM NEW	98419J206	257	18,205	SH	SOLE	0	6,014	0	12,191
XOS INC	COMMON STOCK	98423B108	5	15,100	SH	SOLE	0	15,100	0	0
XPERI INC	COMMON STOCK	98423J101	3,139	318,373	SH	SOLE	0	318,373	0	0
XP INC	CL A	G98239109	3,239	140,475	SH	SOLE	0	140,475	0	0
XTANT MED HLDGS INC	COM NEW	98420P308	737	669,738	SH	SOLE	0	669,738	0	0
XYLEM INC	COM	98419M100	56,586	621,622	SH	SOLE	0	600,764	0	20,858
YALLA GROUP LTD	ADS	98459U103	2,508	478,600	SH	SOLE	0	478,600	0	0
YATRA ONLINE INC	ORD SHS	G98338109	1,312	652,821	SH	SOLE	0	652,821	0	0
YATSEN HLDG LTD	ADS	985194109	2,865	2,865,346	SH	SOLE	0	2,865,346	0	0
YELP INC	CL A	985817105	35,776	860,200	SH	SOLE	0	860,200	0	0
YEXT INC	COM	98585N106	3,227	509,800	SH	SOLE	0	509,800	0	0
YIREN DIGITAL LTD	SPONSORED ADS	98585L100	619	254,565	SH	SOLE	0	254,565	0	0
Y-MABS THERAPEUTICS INC	COM	984241109	1,292	237,090	SH	SOLE	0	237,090	0	0
YORK WTR CO	COM	987184108	5,317	141,836	SH	SOLE	0	141,836	0	0
YOSHITSU CO LTD	SPONSORED ADS	98741L101	21	20,800	SH	SOLE	0	20,800	0	0
YOUNG & RUBICAM INC	SPONSORED ADS	98741T104	190	47,300	SH	SOLE	0	47,300	0	0
YPP SOCIEDAD ANONIMA	SPON ADR CL D	984245100	8,074	659,086	SH	SOLE	0	0	0	659,086
YUM BRANDS INC	COM	988498101	2,611	20,900	SH	SOLE	0	20,900	0	0

YUM CHINA HLDGS INC	COM	98850P109	14,220	255,200	SH	SOLE	0	255,200	0	0
YUNHONG GREEN CTI LTD	COM	98873Q100	356	134,187	SH	SOLE	0	134,187	0	0
YUNJI INC	SPON ADS	98873N206	9	13,061	SH	SOLE	0	13,061	0	0
ZAI LAB LTD	ADR	98887Q104	250	10,300	SH	SOLE	0	10,300	0	0
ZEDGE INC	CL B	98923T104	980	447,414	SH	SOLE	0	447,414	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	5,726	285,437	SH	SOLE	0	285,437	0	0
ZENVIA INC	CLASS A COM	G9889V101	95	90,200	SH	SOLE	0	90,200	0	0
ZEPP HEALTH CORPORATION	SPONSORED ADS	98945L105	112	97,200	SH	SOLE	0	97,200	0	0
ZEROFOX HLDGS INC	COM	98955G103	90	101,970	SH	SOLE	0	101,970	0	0
ZETA GLOBAL HOLDINGS CORP	CL A	98956A105	6,283	752,500	SH	SOLE	0	752,500	0	0
ZEVIA PBC	CL A	98955K104	56	25,200	SH	SOLE	0	25,200	0	0
ZEVRA THERAPEUTICS INC	COM NEW	488445206	640	132,700	SH	SOLE	0	132,700	0	0
ZHIHU INC	ADS	98955N108	554	532,400	SH	SOLE	0	532,400	0	0
ZHONGCHAO INC	CL A	G9897X107	16	14,800	SH	SOLE	0	14,800	0	0
ZILLOW GROUP INC	CL A	98954M101	6,665	148,800	SH	SOLE	0	148,800	0	0
ZIM INTEGRATED SHIPPING SERV	SHS	M9T951109	824	78,804	SH	SOLE	0	78,804	0	0
ZIMVIE INC	COM	98888T107	1,014	107,800	SH	SOLE	0	107,800	0	0
ZIONS BANCORPORATION N A	COM	989701107	13,425	384,795	SH	SOLE	0	382,555	0	2,240
ZIPRECRUITER INC	CL A	98980B103	11,570	965,000	SH	SOLE	0	948,725	0	16,275
ZK INTL GROUP CO LTD	SHS	G9892K100	11	15,600	SH	SOLE	0	15,600	0	0
ZOOMINFO TECHNOLOGIES INC	COMMON STOCK	98980F104	36,257	2,210,800	SH	SOLE	0	2,210,800	0	0
ZOOM VIDEO COMMUNICATIONS IN	CL A	98980L101	341,574	4,883,814	SH	SOLE	0	4,883,814	0	0
ZSCALER INC	COM	98980G102	96,030	617,200	SH	SOLE	0	617,200	0	0
ZTO EXPRESS CAYMAN INC	SPONSORED ADS A	98980A105	26,229	1,085,200	SH	SOLE	0	1,085,200	0	0
ZUORA INC	COM CL A	98983V106	5,810	705,136	SH	SOLE	0	705,136	0	0
ZURN ELKAY WATER SOLNS CORP	COM	98983L108	8,089	288,693	SH	SOLE	0	288,693	0	0
ZYMEWORKS INC	COM	98985Y108	101	15,858	SH	SOLE	0	15,858	0	0
ZYNERBA PHARMACEUTICALS INC	COM	98986X109	772	605,700	SH	SOLE	0	605,700	0	0
ZYNEX INC	COM	98986M103	2,022	252,735	SH	SOLE	0	252,735	0	0