

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

FORM 13F
FORM 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: December 31, 2022

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: Commonwealth of Pennsylvania
Public School Employees Retirement System
Address: 5 North 5th Street
Harrisburg, PA 17101

13F File Number:

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

Persons signing this Report on Behalf of Reporting Manager:

Name: Robert Devine 
Title: Deputy Chief Investment Officer/Managing Director of Fixed Income
Phone: 717-720-4915
Signature, Place, and Date of Signing:

/s/ Robert Devine Harrisburg, Pennsylvania February 9, 2023

Report Type (Check only one.):

[X] 13F HOLDINGS REPORT
[] 13F NOTICE.
[] 13F COMBINATION REPORT.

List of Other Managers Reporting for this Manager: N/A

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FORM 13F SUMMARY PAGE

Report Summary:

Number of Other Included Managers:	0
Form 13F Information Table Entry Total:	1,804
Form 13F Information Table Value Total:	\$11,824,179 (in 000s)
List of Other Included Managers:	N/A

COMMONWEALTH OF PA-PSERS
13F REPORT
31-Dec-22

NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (in 000's)	SHARES	Invst Discr	Other Mngrs	Voting Authority SOLE
AAON INC	COM PAR \$0.004	000360206	3,388	44,979	SH SOLE	0	44,979
AAR CORP	COM	000361105	1,602	35,669	SH SOLE	0	35,669
ABCAM PLC	ADS	000380204	11,166	717,587	SH SOLE	0	717,587
ABM INDS INC	COM	000957100	3,145	70,798	SH SOLE	0	70,798
AFLAC INC	COM	001055102	6,881	95,644	SH SOLE	0	95,644
AGCO CORP	COM	001084102	3,863	27,854	SH SOLE	0	27,854
AES CORP	COM	00130H105	3,247	112,906	SH SOLE	0	112,906
AMC NETWORKS INC	CL A	00164V103	470	30,000	SH SOLE	0	30,000
AMCI ACQUISITION CORP II	CLASS A COM	00166R100	499	50,000	SH SOLE	0	50,000
AMN HEALTHCARE SVCS INC	COM	001744101	4,769	46,379	SH SOLE	0	46,379
ANI PHARMACEUTICALS INC	COM	00182C103	526	13,076	SH SOLE	0	13,076
ASGN INC	COM	00191U102	1,829	22,448	SH SOLE	0	22,448
AT&T INC	COM	00206R102	22,179	1,204,706	SH SOLE	0	1,204,706
A10 NETWORKS INC	COM	002121101	1,137	68,387	SH SOLE	0	68,387
ATN INTL INC	COM	00215F107	520	11,472	SH SOLE	0	11,472
AZZ INC	COM	002474104	1,070	26,608	SH SOLE	0	26,608
THE AARONS COMPANY INC	COM	00258W108	394	32,942	SH SOLE	0	32,942
ABBOTT LABS	COM	002824100	32,358	294,723	SH SOLE	0	294,723
ABBVIE INC	COM	00287Y109	48,311	298,934	SH SOLE	0	298,934
ABCELLERA BIOLOGICS INC	COM	00288U106	2,535	250,248	SH SOLE	0	250,248
ABERCROMBIE & FITCH CO	CL A	002896207	1,213	52,927	SH SOLE	0	52,927
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	4,484	85,337	SH SOLE	0	85,337
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	3,369	40,927	SH SOLE	0	40,927
ACADIA RLTY TR	COM SH BEN INT	004239109	1,458	101,625	SH SOLE	0	101,625
ACI WORLDWIDE INC	COM	004498101	1,163	50,552	SH SOLE	0	50,552
ADTRAN HOLDINGS INC	COM	00486H105	1,421	75,630	SH SOLE	0	75,630
ACROPOLIS INFRASTRUCTURE ACQ	CL A	005029105	497	50,000	SH SOLE	0	50,000
ACTIVISION BLIZZARD INC	COM	00507V109	9,215	120,384	SH SOLE	0	120,384
ACUITY BRANDS INC	COM	00508Y102	2,396	14,467	SH SOLE	0	14,467
ADAPTHEALTH CORP	COMMON STOCK	00653Q102	1,580	82,190	SH SOLE	0	82,190
ADDUS HOMECARE CORP	COM	006739106	1,715	17,241	SH SOLE	0	17,241
ADEIA INC	COM	00676P107	1,066	112,437	SH SOLE	0	112,437
ADOBE SYSTEMS INCORPORATED	COM	00724F101	26,446	78,584	SH SOLE	0	78,584
ADTALEM GLOBAL ED INC	COM	00737L103	1,725	48,594	SH SOLE	0	48,594
ADVANCE AUTO PARTS INC	COM	00751Y106	1,494	10,162	SH SOLE	0	10,162
AECOM	COM	00766T100	5,336	62,823	SH SOLE	0	62,823
ADVANSIX INC	COM	00773T101	1,122	29,503	SH SOLE	0	29,503
AEROJET ROCKETDYNE HLDGS INC	COM	007800105	4,531	81,017	SH SOLE	0	81,017
ADVANCED MICRO DEVICES INC	COM	007903107	17,653	272,542	SH SOLE	0	272,542
ADVANCED ENERGY INDS	COM	007973100	3,432	40,008	SH SOLE	0	40,008
AEROVIRONMENT INC	COM	008073108	2,291	26,744	SH SOLE	0	26,744
AFFILIATED MANAGERS GROUP IN	COM	008252108	2,685	16,946	SH SOLE	0	16,946
AGILENT TECHNOLOGIES INC	COM	00846U101	7,489	50,041	SH SOLE	0	50,041
AGILYSYS INC	COM	00847J105	1,677	21,191	SH SOLE	0	21,191
AGLITI INC	COM	00848J104	582	35,675	SH SOLE	0	35,675
AGREE RLTY CORP	COM	008492100	6,724	94,793	SH SOLE	0	94,793
AIR PRODS & CHEMS INC	COM	009158106	11,557	37,492	SH SOLE	0	37,492
AKAMAI TECHNOLOGIES INC	COM	00971T101	2,241	26,579	SH SOLE	0	26,579
ALAMO GROUP INC	COM	011311107	1,559	11,013	SH SOLE	0	11,013
ALARM COM HLDGS INC	COM	011642105	2,643	53,416	SH SOLE	0	53,416
ALASKA AIR GROUP INC	COM	011659109	921	21,440	SH SOLE	0	21,440
ALBANY INTL CORP	CL A	012348108	3,281	33,284	SH SOLE	0	33,284
ALBEMARLE CORP	COM	012653101	4,294	19,803	SH SOLE	0	19,803
ALCOA CORP	COM	013872106	3,619	79,597	SH SOLE	0	79,597
ALEXANDER & BALDWIN INC NEW	COM	014491104	1,454	77,638	SH SOLE	0	77,638
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	3,677	25,240	SH SOLE	0	25,240
ALIGN TECHNOLOGY INC	COM	016255101	2,590	12,279	SH SOLE	0	12,279
ATI INC	COM	01741R102	4,136	138,506	SH SOLE	0	138,506
ALLEGIANT TRAVEL CO	COM	01748X102	1,138	16,737	SH SOLE	0	16,737
ALLEGRO MICROSYSTEMS INC	COM	01749D105	878	29,261	SH SOLE	0	29,261
ALLETE INC	COM NEW	018522300	7,511	116,437	SH SOLE	0	116,437

BREAD FINANCIAL HOLDINGS INC	COM	018581108	2,009	53,354	SH SOLE	0	53,354
ALLIANT ENERGY CORP	COM	018802108	24,377	441,526	SH SOLE	0	441,526
VERADIGM INC	COM	01988P108	2,063	116,933	SH SOLE	0	116,933
ALLSTATE CORP	COM	020002101	6,079	44,830	SH SOLE	0	44,830
ALPHA HEALTHCARE ACQU CORP I	CLASS A COM	02073F104	496	50,000	SH SOLE	0	50,000
ALPHABET INC	CAP STK CL C	02079K107	79,414	895,005	SH SOLE	0	895,005
ALPHABET INC	CAP STK CL A	02079K305	115,550	1,309,640	SH SOLE	0	1,309,640
ALTERYX INC	NOTE 0.500%	02156BAD5	990	1,080,000	SH SOLE	0	1,080,000
ALTC ACQUISITION CORP	COM CL A	02156V109	442	44,530	SH SOLE	0	44,530
ALTENERGY ACQUISITION CORP	COM CL A	02157M108	250	24,511	SH SOLE	0	24,511
ALTENERGY ACQUISITION CORP	*W EXP 10/29/202	02157M116	1	11,700	SH SOLE	0	11,700
ALTRIA GROUP INC	COM	02209S103	13,847	302,938	SH SOLE	0	302,938
AMAZON COM INC	COM	023135106	126,021	1,500,251	SH SOLE	0	1,500,251
AMBAC FINL GROUP INC	COM NEW	023139884	839	48,129	SH SOLE	0	48,129
AMEDISYS INC	COM	023436108	1,221	14,617	SH SOLE	0	14,617
AMEREN CORP	COM	023608102	40,328	453,531	SH SOLE	0	453,531
AMERICAN AIRLS GROUP INC	COM	02376R102	1,397	109,855	SH SOLE	0	109,855
AMERICAN ASSETS TR INC	COM	024013104	1,476	55,710	SH SOLE	0	55,710
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	959	122,599	SH SOLE	0	122,599
AMERICAN ELEC PWR CO INC	COM	025537101	86,004	905,781	SH SOLE	0	905,781
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	2,603	186,455	SH SOLE	0	186,455
AMERICAN EQTY INVT LIFE HLD	COM	025676206	3,389	74,294	SH SOLE	0	74,294
AMERICAN EXPRESS CO	COM	025816109	14,930	101,046	SH SOLE	0	101,046
AMERICAN FINL GROUP INC OHIO	COM	025932104	4,312	31,408	SH SOLE	0	31,408
AMERICAN INTL GROUP INC	COM NEW	026874784	7,942	125,589	SH SOLE	0	125,589
AMER STATES WTR CO	COM	029899101	9,067	97,974	SH SOLE	0	97,974
AMERICAN TOWER CORP NEW	COM	03027X100	128,939	608,605	SH SOLE	0	608,605
AMERICAN VANGUARD CORP	COM	030371108	646	29,760	SH SOLE	0	29,760
AMERICAN WTR WKS CO INC NEW	COM	030420103	48,843	320,452	SH SOLE	0	320,452
AMERICAN WOODMARK CORPORATIO	COM	030506109	869	17,789	SH SOLE	0	17,789
AMERICAS CAR-MART INC	COM	03062T105	448	6,202	SH SOLE	0	6,202
AMERISAFE INC	COM	03071H100	1,065	20,501	SH SOLE	0	20,501
AMERISOURCEBERGEN CORP	COM	03073E105	4,536	27,376	SH SOLE	0	27,376
AMERIPRISE FINL INC	COM	03076C106	5,601	17,988	SH SOLE	0	17,988
AMERIS BANCORP	COM	03076K108	3,289	69,769	SH SOLE	0	69,769
AMETEK INC	COM	031100100	5,424	38,819	SH SOLE	0	38,819
AMGEN INC	COM	031162100	23,688	90,193	SH SOLE	0	90,193
AMKOR TECHNOLOGY INC	COM	031652100	1,084	45,184	SH SOLE	0	45,184
AMPHENOL CORP NEW	CL A	03209S101	7,659	100,591	SH SOLE	0	100,591
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	1,130	40,346	SH SOLE	0	40,346
ANALOG DEVICES INC	COM	032654105	14,261	86,940	SH SOLE	0	86,940
ANDERSONS INC	COM	034164103	1,166	33,314	SH SOLE	0	33,314
ANGIODYNAMICS INC	COM	03475V101	576	41,854	SH SOLE	0	41,854
ANIKA THERAPEUTICS INC	COM	035255108	463	15,636	SH SOLE	0	15,636
ANNALY CAPITAL MANAGEMENT IN	COM NEW	035710839	4,437	210,474	SH SOLE	0	210,474
ANSYS INC	COM	03662Q105	3,557	14,725	SH SOLE	0	14,725
ANTERO RESOURCES CORP	COM	03674X106	3,849	124,217	SH SOLE	0	124,217
ELEVANCE HEALTH INC	COM	036752103	20,709	40,370	SH SOLE	0	40,370
ANTERO MIDSTREAM CORP	COM	03676B102	1,626	150,675	SH SOLE	0	150,675
ANZU SPECIAL ACQUISITIN CORP	COM CL A	03737A101	501	50,000	SH SOLE	0	50,000
APA CORPORATION	COM	03743Q108	2,537	54,346	SH SOLE	0	54,346
APARTMENT INCOME REIT CORP	COM	03750L109	2,314	67,446	SH SOLE	0	67,446
APOGEE ENTERPRISES INC	COM	037598109	1,057	23,768	SH SOLE	0	23,768
APOLLO COML REAL EST FIN INC	COM	03762U105	1,490	138,432	SH SOLE	0	138,432
APOLLO MED HLDGS INC	COM NEW	03763A207	1,257	42,494	SH SOLE	0	42,494
APPLE INC	COM	037833100	328,421	2,527,673	SH SOLE	0	2,527,673
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	5,203	41,281	SH SOLE	0	41,281
APPLIED MATLS INC	COM	038222105	14,161	145,422	SH SOLE	0	145,422
APTARGROUP INC	COM	038336103	3,230	29,369	SH SOLE	0	29,369
ARCBEST CORP	COM	03937C105	1,830	26,133	SH SOLE	0	26,133
ARCHER DANIELS MIDLAND CO	COM	039483102	8,622	92,856	SH SOLE	0	92,856
ARCHROCK INC	COM	03957W106	1,286	143,224	SH SOLE	0	143,224
ARCOSA INC	COM	039653100	2,812	51,750	SH SOLE	0	51,750
ARCONIC CORPORATION	COM	03966V107	2,298	108,612	SH SOLE	0	108,612
ARCUS BIOSCIENCES INC	COM	03969F109	1,154	55,795	SH SOLE	0	55,795
ARISTA NETWORKS INC	COM	040413106	5,077	41,838	SH SOLE	0	41,838
ARLO TECHNOLOGIES INC	COM	04206A101	332	94,685	SH SOLE	0	94,685

ARMADA HOFFLER PPTYS INC	COM	04208T108	834	72,486	SH SOLE	0	72,486
ARMOUR RESIDENTIAL REIT INC	COM NEW	042315507	796	141,420	SH SOLE	0	141,420
ARROW ELECTRS INC	COM	042735100	2,893	27,670	SH SOLE	0	27,670
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	1,931	47,617	SH SOLE	0	47,617
ARROWROOT ACQUISITION CORP	CL A COM	04282M102	294	29,289	SH SOLE	0	29,289
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	4,246	23,687	SH SOLE	0	23,687
ASHLAND INC	COM	044186104	2,409	22,407	SH SOLE	0	22,407
ASSOCIATED BANC CORP	COM	045487105	1,562	67,640	SH SOLE	0	67,640
ASSURANT INC	COM	04621X108	1,117	8,930	SH SOLE	0	8,930
ASTEC INDS INC	COM	046224101	988	24,307	SH SOLE	0	24,307
ATHENA TECHNOLOGY ACQ CORP I	CL A COM	04687C105	3,017	300,000	SH SOLE	0	300,000
ATKORE INC	COM	047649108	2,495	22,000	SH SOLE	0	22,000
ATLANTIC COASTAL AQSTN CORP	CLASS A COM	04845A108	255	25,000	SH SOLE	0	25,000
ATLAS AIR WORLDWIDE HLDGS IN	COM NEW	049164205	2,780	27,583	SH SOLE	0	27,583
ATMOS ENERGY CORP	COM	049560105	27,273	243,356	SH SOLE	0	243,356
AUTODESK INC	COM	052769106	6,819	36,488	SH SOLE	0	36,488
AUTOMATIC DATA PROCESSING IN	COM	053015103	16,749	70,120	SH SOLE	0	70,120
AUTONATION INC	COM	05329W102	1,651	15,387	SH SOLE	0	15,387
AUTOZONE INC	COM	053332102	7,912	3,208	SH SOLE	0	3,208
AVALONBAY CMNTYS INC	COM	053484101	3,819	23,647	SH SOLE	0	23,647
AVANOS MED INC	COM	05350V106	1,347	49,763	SH SOLE	0	49,763
AVANGRID INC	COM	05351W103	4,849	112,826	SH SOLE	0	112,826
AVERY DENNISON CORP	COM	053611109	2,477	13,687	SH SOLE	0	13,687
AVID TECHNOLOGY INC	COM	05367P100	945	35,537	SH SOLE	0	35,537
AVID BIOSERVICES INC	COM	05368M106	916	66,533	SH SOLE	0	66,533
AVIENT CORPORATION	COM	05368V106	1,298	38,457	SH SOLE	0	38,457
AVIS BUDGET GROUP	COM	053774105	1,835	11,192	SH SOLE	0	11,192
AVISTA CORP	COM	05379B107	8,676	195,678	SH SOLE	0	195,678
AVNET INC	COM	053807103	1,712	41,170	SH SOLE	0	41,170
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	2,790	35,156	SH SOLE	0	35,156
AXON ENTERPRISE INC	COM	05464C101	5,046	30,413	SH SOLE	0	30,413
AXOS FINANCIAL INC	COM	05465C100	2,184	57,149	SH SOLE	0	57,149
AXONPRIME INFRSTRCTR AQSTN CO	CLASS A COM	05467C108	495	50,000	SH SOLE	0	50,000
B & G FOODS INC NEW	COM	05508R106	855	76,701	SH SOLE	0	76,701
BJS WHSL CLUB HLDGS INC	COM	05550J101	4,020	60,762	SH SOLE	0	60,762
BRP INC	COM SUN VTG	05577W200	2,926	38,400	SH SOLE	0	38,400
B. RILEY FINANCIAL INC	COM	05580M108	586	17,130	SH SOLE	0	17,130
BADGER METER INC	COM	056525108	3,415	31,324	SH SOLE	0	31,324
BAIDU INC	SPON ADR REP A	056752108	3,762	32,890	SH SOLE	0	32,890
BAKER HUGHES COMPANY	CL A	05722G100	4,999	169,282	SH SOLE	0	169,282
BALCHEM CORP	COM	057665200	4,200	34,392	SH SOLE	0	34,392
BALL CORP	COM	058498106	2,714	53,063	SH SOLE	0	53,063
BANCFIRST CORP	COM	05945F103	1,644	18,645	SH SOLE	0	18,645
BANCORP INC DEL	COM	05969A105	1,700	59,913	SH SOLE	0	59,913
BANC OF CALIFORNIA INC	COM	05990K106	954	59,877	SH SOLE	0	59,877
BANK AMERICA CORP	COM	060505104	39,074	1,179,776	SH SOLE	0	1,179,776
BANK HAWAII CORP	COM	062540109	1,396	18,000	SH SOLE	0	18,000
BANK NEW YORK MELLON CORP	COM	064058100	5,660	124,330	SH SOLE	0	124,330
BANK OZK LITTLE ROCK ARK	COM	06417N103	1,995	49,798	SH SOLE	0	49,798
BANKUNITED INC	COM	06652K103	2,809	82,696	SH SOLE	0	82,696
BANNER CORP	COM NEW	06652V208	2,313	36,591	SH SOLE	0	36,591
BANNER ACQUISITION CORP	CLASS A COM	06654K101	504	50,000	SH SOLE	0	50,000
BANYAN ACQUISITION CORPORATI	CL A COM	06690B107	227	22,277	SH SOLE	0	22,277
BARNES GROUP INC	COM	067806109	2,211	54,120	SH SOLE	0	54,120
BATH & BODY WORKS INC	COM	070830104	1,627	38,603	SH SOLE	0	38,603
BAXTER INTL INC	COM	071813109	4,343	85,214	SH SOLE	0	85,214
BEARD ENERGY TRANSITION ACQ	CL A COM	07402Q101	148	14,500	SH SOLE	0	14,500
BECTON DICKINSON & CO	COM	075887109	12,259	48,208	SH SOLE	0	48,208
BED BATH & BEYOND INC	COM	075896100	206	82,072	SH SOLE	0	82,072
BELDEN INC	COM	077454106	1,385	19,257	SH SOLE	0	19,257
BELLRING BRANDS INC	COMMON STOCK	07831C103	1,562	60,931	SH SOLE	0	60,931
BENCHMARK ELECTRS INC	COM	08160H101	1,005	37,646	SH SOLE	0	37,646
BERKLEY W R CORP	COM	084423102	2,508	34,553	SH SOLE	0	34,553
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	94,076	304,552	SH SOLE	0	304,552
BERKSHIRE HILLS BANCORP INC	COM	084680107	1,441	48,187	SH SOLE	0	48,187
BEST BUY INC	COM	086516101	2,717	33,869	SH SOLE	0	33,869
BIG LOTS INC	COM	089302103	455	30,974	SH SOLE	0	30,974

BILANDER ACQUISITION CORP	CL A COM	09001T106	607	61,338	SH SOLE	0	61,338
BILL COM HLDGS INC	COM	090043100	1,592	14,609	SH SOLE	0	14,609
BIO RAD LABS INC	CL A	090572207	1,531	3,640	SH SOLE	0	3,640
BIOLIFE SOLUTIONS INC	COM NEW	09062W204	666	36,615	SH SOLE	0	36,615
BIOGEN INC	COM	09062X103	6,741	24,341	SH SOLE	0	24,341
BIO-TECHNE CORP	COM	09073M104	2,199	26,533	SH SOLE	0	26,533
BIONTECH SE	SPONSORED ADS	09075V102	6,265	41,706	SH SOLE	0	41,706
BJS RESTAURANTS INC	COM	09180C106	660	25,035	SH SOLE	0	25,035
BLACK HILLS CORP	COM	092113109	9,296	132,152	SH SOLE	0	132,152
BLACK MOUNTAIN ACQ CORP	CL A COM	09216A108	464	45,472	SH SOLE	0	45,472
BLACKBAUD INC	COM	09227Q100	1,181	20,064	SH SOLE	0	20,064
BLACKROCK INC	COM	09247X101	17,991	25,388	SH SOLE	0	25,388
BLOCK H & R INC	COM	093671105	2,553	69,939	SH SOLE	0	69,939
BLOOMIN BRANDS INC	COM	094235108	1,890	93,959	SH SOLE	0	93,959
BLUCORA INC	COM	095229100	1,308	51,247	SH SOLE	0	51,247
BOEING CO	COM	097023105	18,039	94,697	SH SOLE	0	94,697
BOISE CASCADE CO DEL	COM	09739D100	2,899	42,218	SH SOLE	0	42,218
BOOKING HOLDINGS INC	COM	09857L108	13,214	6,557	SH SOLE	0	6,557
BOOT BARN HLDGS INC	COM	099406100	1,995	31,904	SH SOLE	0	31,904
BORGWARNER INC	COM	099724106	1,593	39,580	SH SOLE	0	39,580
BOSTON BEER INC	CL A	100557107	1,397	4,241	SH SOLE	0	4,241
BOSTON PROPERTIES INC	COM	101121101	1,629	24,112	SH SOLE	0	24,112
BOSTON SCIENTIFIC CORP	COM	101137107	11,202	242,109	SH SOLE	0	242,109
BOYD GAMING CORP	COM	103304101	1,946	35,685	SH SOLE	0	35,685
BRADY CORP	CL A	104674106	2,338	49,637	SH SOLE	0	49,637
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	1,129	183,619	SH SOLE	0	183,619
BRIGHTHOUSE FINL INC	COM	10922N103	1,594	31,099	SH SOLE	0	31,099
BRIGHTSPHERE INVT GROUP INC	COM	10948W103	712	34,588	SH SOLE	0	34,588
BRINKER INTL INC	COM	109641100	1,504	47,124	SH SOLE	0	47,124
BRINKS CO	COM	109696104	1,122	20,896	SH SOLE	0	20,896
BRISTOL-MYERS SQUIBB CO	COM	110122108	25,858	359,393	SH SOLE	0	359,393
BRISTOW GROUP INC	COM	11040G103	683	25,186	SH SOLE	0	25,186
BRIXMOR PPTY GROUP INC	COM	11120U105	3,059	134,918	SH SOLE	0	134,918
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	2,668	19,888	SH SOLE	0	19,888
BROADCOM INC	COM	11135F101	38,278	68,460	SH SOLE	0	68,460
BROOKLINE BANCORP INC DEL	COM	11373M107	1,164	82,240	SH SOLE	0	82,240
AZENTA INC	COM	114340102	1,965	33,748	SH SOLE	0	33,748
BROWN & BROWN INC	COM	115236101	2,264	39,736	SH SOLE	0	39,736
BROWN FORMAN CORP	CL B	115637209	2,030	30,909	SH SOLE	0	30,909
BRUKER CORP	COM	116794108	3,075	44,993	SH SOLE	0	44,993
BRUNSWICK CORP	COM	117043109	2,351	32,618	SH SOLE	0	32,618
BUCKLE INC	COM	118440106	1,435	31,632	SH SOLE	0	31,632
BUILDERS FIRSTSOURCE INC	COM	12008R107	4,296	66,208	SH SOLE	0	66,208
CBOE GLOBAL MKTS INC	COM	12503M108	2,250	17,931	SH SOLE	0	17,931
CBRE GROUP INC	CL A	12504L109	4,110	53,406	SH SOLE	0	53,406
CDW CORP	COM	12514G108	4,087	22,886	SH SOLE	0	22,886
CF ACQUISITION CORP IV	*W EXP 12/31/202	12520T110	1	16,666	SH SOLE	0	16,666
CF ACQUISITION CORP VII	CLASS A COM	12521H107	510	49,999	SH SOLE	0	49,999
CF INDS HLDGS INC	COM	125269100	2,825	33,163	SH SOLE	0	33,163
C5 ACQUISITION CORPORATION	CL A COM	12530D105	1,022	100,000	SH SOLE	0	100,000
C5 ACQUISITION CORPORATION	*W EXP 12/31/202	12530D113	2	50,000	SH SOLE	0	50,000
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	1,822	19,897	SH SOLE	0	19,897
CIGNA CORP NEW	COM	125523100	17,124	51,680	SH SOLE	0	51,680
CIIG CAPITAL PARTNERS II INC	COM CL A	12561U109	551	54,087	SH SOLE	0	54,087
CME GROUP INC	COM	12572Q105	10,225	60,806	SH SOLE	0	60,806
CMS ENERGY CORP	COM	125896100	32,302	510,061	SH SOLE	0	510,061
CNO FINL GROUP INC	COM	12621E103	1,176	51,465	SH SOLE	0	51,465
CSG SYS INTL INC	COM	126349109	1,856	32,443	SH SOLE	0	32,443
CSX CORP	COM	126408103	51,211	1,653,048	SH SOLE	0	1,653,048
CTS CORP	COM	126501105	1,345	34,119	SH SOLE	0	34,119
CNX RES CORP	COM	12653C108	1,367	81,189	SH SOLE	0	81,189
CVB FINL CORP	COM	126600105	3,622	140,648	SH SOLE	0	140,648
CVS HEALTH CORP	COM	126650100	20,698	222,105	SH SOLE	0	222,105
CABLE ONE INC	COM	12685J105	1,544	2,169	SH SOLE	0	2,169
CABOT CORP	COM	127055101	1,691	25,304	SH SOLE	0	25,304
COTERRA ENERGY INC	COM	127097103	3,275	133,278	SH SOLE	0	133,278
CACI INTL INC	CL A	127190304	3,177	10,570	SH SOLE	0	10,570

CADENCE DESIGN SYSTEM INC	COM	127387108	7,449	46,369	SH SOLE	0	46,369
CADENCE BANK	COM	12740C103	2,024	82,074	SH SOLE	0	82,074
CAESARS ENTERTAINMENT INC NE	COM	12769G100	1,509	36,269	SH SOLE	0	36,269
CAL MAINE FOODS INC	COM NEW	128030202	2,212	40,622	SH SOLE	0	40,622
CALAVO GROWERS INC	COM	128246105	558	18,977	SH SOLE	0	18,977
CALERES INC	COM	129500104	869	39,025	SH SOLE	0	39,025
CALIFORNIA WTR SVC GROUP	COM	130788102	8,766	144,553	SH SOLE	0	144,553
CALIX INC	COM	13100M509	1,753	25,612	SH SOLE	0	25,612
TOPGOLF CALLAWAY BRANDS CORP	COM	131193104	1,232	62,367	SH SOLE	0	62,367
CALLON PETE CO DEL	COM	13123X508	2,030	54,726	SH SOLE	0	54,726
CAMDEN PPTY TR	SH BEN INT	133131102	2,015	18,007	SH SOLE	0	18,007
CAMPBELL SOUP CO	COM	134429109	1,927	33,948	SH SOLE	0	33,948
CAPITAL ONE FINL CORP	COM	14040H105	5,998	64,520	SH SOLE	0	64,520
CAPITOL FED FINL INC	COM	14057J101	1,195	138,208	SH SOLE	0	138,208
CARA THERAPEUTICS INC	COM	140755109	519	48,306	SH SOLE	0	48,306
CARDINAL HEALTH INC	COM	14149Y108	3,406	44,310	SH SOLE	0	44,310
CARDIOVASCULAR SYS INC DEL	COM	141619106	610	44,823	SH SOLE	0	44,823
CARETRUST REIT INC	COM	14174T107	1,929	103,843	SH SOLE	0	103,843
CARLISLE COS INC	COM	142339100	5,482	23,265	SH SOLE	0	23,265
CARMAX INC	COM	143130102	1,626	26,710	SH SOLE	0	26,710
CARNIVAL CORP	COMMON STOCK	143658300	1,364	169,277	SH SOLE	0	169,277
CARPENTER TECHNOLOGY CORP	COM	144285103	1,915	51,847	SH SOLE	0	51,847
CARRIER GLOBAL CORPORATION	COM	14448C104	5,831	141,357	SH SOLE	0	141,357
CARS COM INC	COM	14575E105	913	66,298	SH SOLE	0	66,298
CARTERS INC	COM	146229109	1,281	17,168	SH SOLE	0	17,168
CASCADIA ACQUISITION CORP	CLASS A COM	14739D100	503	50,000	SH SOLE	0	50,000
CASEYS GEN STORES INC	COM	147528103	3,760	16,759	SH SOLE	0	16,759
CATALENT INC	COM	148806102	1,369	30,420	SH SOLE	0	30,420
CATALYST PHARMACEUTICALS INC	COM	14888U101	1,906	102,469	SH SOLE	0	102,469
CATERPILLAR INC	COM	149123101	21,073	87,967	SH SOLE	0	87,967
CATHAY GEN BANCORP	COM	149150104	1,365	33,476	SH SOLE	0	33,476
CAVCO INDS INC DEL	COM	149568107	2,006	8,867	SH SOLE	0	8,867
CELANESE CORP DEL	COM	150870103	1,724	16,862	SH SOLE	0	16,862
CELSIUS HLDGS INC	COM NEW	15118V207	1,891	18,174	SH SOLE	0	18,174
CENTENE CORP DEL	COM	15135B101	7,850	95,717	SH SOLE	0	95,717
CENTERPOINT ENERGY INC	COM	15189T107	33,280	1,109,708	SH SOLE	0	1,109,708
CENTERSPACE	COM	15202L107	946	16,127	SH SOLE	0	16,127
CENTRAL GARDEN & PET CO	COM	153527106	390	10,414	SH SOLE	0	10,414
CENTRAL GARDEN & PET CO	CL A NON-VTG	153527205	1,588	44,360	SH SOLE	0	44,360
CENTRAL PAC FINL CORP	COM NEW	154760409	591	29,140	SH SOLE	0	29,140
CENTURY ALUM CO	COM	156431108	448	54,747	SH SOLE	0	54,747
CENTURY CMNTYS INC	COM	156504300	1,513	30,263	SH SOLE	0	30,263
CERENCE INC	COM	156727109	781	42,149	SH SOLE	0	42,149
CERIDIAN HCM HLDG INC	COM	15677J108	1,666	25,963	SH SOLE	0	25,963
CEVA INC	COM	157210105	635	24,816	SH SOLE	0	24,816
CHAMPIONX CORPORATION	COM	15872M104	2,600	89,684	SH SOLE	0	89,684
CHARLES RIV LABS INTL INC	COM	159864107	1,874	8,600	SH SOLE	0	8,600
CHART INDS INC	COM	16115Q308	2,167	18,803	SH SOLE	0	18,803
CHARTER COMMUNICATIONS INC N	CL A	16119P108	6,157	18,157	SH SOLE	0	18,157
CHATHAM LODGING TR	COM	16208T102	641	52,236	SH SOLE	0	52,236
CHEESECAKE FACTORY INC	COM	163072101	1,623	51,179	SH SOLE	0	51,179
CHEFS WHSE INC	COM	163086101	1,213	36,452	SH SOLE	0	36,452
CHEMED CORP NEW	COM	16359R103	3,414	6,689	SH SOLE	0	6,689
CHEMOURS CO	COM	163851108	2,079	67,892	SH SOLE	0	67,892
CHENIERE ENERGY INC	COM NEW	16411R208	47,030	313,620	SH SOLE	0	313,620
CHESAPEAKE UTILS CORP	COM	165303108	2,244	18,987	SH SOLE	0	18,987
CHEVRON CORP NEW	COM	166764100	53,973	300,703	SH SOLE	0	300,703
CHICOS FAS INC	COM	168615102	659	133,878	SH SOLE	0	133,878
CHILDRENS PL INC NEW	COM	168905107	508	13,943	SH SOLE	0	13,943
CHIPOTLE MEXICAN GRILL INC	COM	169656105	6,502	4,686	SH SOLE	0	4,686
CHOICE HOTELS INTL INC	COM	169905106	1,404	12,468	SH SOLE	0	12,468
CHURCH & DWIGHT CO INC	COM	171340102	3,323	41,222	SH SOLE	0	41,222
CHURCHILL CAPITAL CORP VII	COM CL A	17144M102	499	50,000	SH SOLE	0	50,000
CHURCHILL CAPITAL CORP V	COM CL A	17144T107	497	50,000	SH SOLE	0	50,000
CHURCHILL DOWNS INC	COM	171484108	3,131	14,808	SH SOLE	0	14,808
CHUYS HLDGS INC	COM	171604101	545	19,260	SH SOLE	0	19,260
CIENA CORP	COM NEW	171779309	3,397	66,643	SH SOLE	0	66,643

CINCINNATI FINL CORP	COM	172062101	2,720	26,569	SH SOLE	0	26,569
CINEMARK HLDGS INC	COM	17243V102	993	114,705	SH SOLE	0	114,705
CIRCOR INTL INC	COM	17273K109	522	21,793	SH SOLE	0	21,793
CIRRUS LOGIC INC	COM	172755100	1,845	24,770	SH SOLE	0	24,770
CISCO SYS INC	COM	17275R102	33,064	694,049	SH SOLE	0	694,049
CINTAS CORP	COM	172908105	6,589	14,590	SH SOLE	0	14,590
CITIGROUP INC	COM NEW	172967424	14,808	327,394	SH SOLE	0	327,394
CITIZENS FINL GROUP INC	COM	174610105	3,277	83,248	SH SOLE	0	83,248
CITY HLDG CO	COM	177835105	1,480	15,899	SH SOLE	0	15,899
CIVITAS RESOURCES INC	COM NEW	17888H103	3,219	55,564	SH SOLE	0	55,564
CLEAN HARBORS INC	COM	184496107	2,582	22,623	SH SOLE	0	22,623
CLEARFIELD INC	COM	18482P103	1,152	12,239	SH SOLE	0	12,239
CLEARWATER PAPER CORP	COM	18538R103	677	17,917	SH SOLE	0	17,917
CLEVELAND-CLIFFS INC NEW	COM	185899101	3,735	231,813	SH SOLE	0	231,813
CLOROX CO DEL	COM	189054109	2,927	20,856	SH SOLE	0	20,856
COCA COLA CONS INC	COM	191098102	1,061	2,071	SH SOLE	0	2,071
COCA COLA CO	COM	191216100	41,848	657,891	SH SOLE	0	657,891
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	5,684	99,588	SH SOLE	0	99,588
COGNEX CORP	COM	192422103	3,665	77,794	SH SOLE	0	77,794
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	4,968	86,870	SH SOLE	0	86,870
COHERENT CORP	COM	19247G107	2,190	62,391	SH SOLE	0	62,391
COHERUS BIOSCIENCES INC	COM	19249H103	547	69,089	SH SOLE	0	69,089
COHU INC	COM	192576106	1,634	50,975	SH SOLE	0	50,975
ENOVIS CORPORATION	COM	194014502	1,147	21,436	SH SOLE	0	21,436
COLGATE PALMOLIVE CO	COM	194162103	11,124	141,180	SH SOLE	0	141,180
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	834	35,930	SH SOLE	0	35,930
COLOMBIER ACQUISITION CORP	CL A	19533H108	497	50,000	SH SOLE	0	50,000
COLUMBIA BKG SYS INC	COM	197236102	619	20,547	SH SOLE	0	20,547
COLUMBIA SPORTSWEAR CO	COM	198516106	1,395	15,927	SH SOLE	0	15,927
COMFORT SYS USA INC	COM	199908104	4,404	38,272	SH SOLE	0	38,272
COMCAST CORP NEW	CL A	20030N101	25,500	729,207	SH SOLE	0	729,207
COMERICA INC	COM	200340107	1,480	22,135	SH SOLE	0	22,135
COMMERCE BANCSHARES INC	COM	200525103	3,492	51,300	SH SOLE	0	51,300
COMMERCIAL METALS CO	COM	201723103	2,550	52,788	SH SOLE	0	52,788
COMMUNITY BK SYS INC	COM	203607106	3,620	57,507	SH SOLE	0	57,507
COMMUNITY HEALTH SYS INC NEW	COM	203668108	579	134,081	SH SOLE	0	134,081
COMMUNITY HEALTHCARE TR INC	COM	20369C106	901	25,180	SH SOLE	0	25,180
COMMVAULT SYS INC	COM	204166102	1,259	20,033	SH SOLE	0	20,033
COMPASS MINERALS INTL INC	COM	20451N101	1,493	36,421	SH SOLE	0	36,421
COMPUTER PROGRAMS & SYS INC	COM	205306103	414	15,227	SH SOLE	0	15,227
COMTECH TELECOMMUNICATIONS C	COM NEW	205826209	360	29,621	SH SOLE	0	29,621
CONAGRA BRANDS INC	COM	205887102	3,135	81,010	SH SOLE	0	81,010
CONCENTRIX CORP	COM	20602D101	2,538	19,060	SH SOLE	0	19,060
CONCORD ACQUISITION CORP II	COM CL A	20607U108	497	49,998	SH SOLE	0	49,998
CONCORD ACQUISITION CORP II	*W EXP 99/99/999	20607U116	2	16,666	SH SOLE	0	16,666
CONCORD ACQUISITION CORP III	COM CL A	20607V106	510	50,000	SH SOLE	0	50,000
CONMED CORP	COM	207410101	2,892	32,623	SH SOLE	0	32,623
CONOCOPHILLIPS	COM	20825C104	24,854	210,628	SH SOLE	0	210,628
CONSENSUS CLOUD SOLUTIONS IN	COM	20848V105	1,015	18,886	SH SOLE	0	18,886
CONSOL ENERGY INC NEW	COM	20854L108	2,280	35,081	SH SOLE	0	35,081
CONSOLIDATED COMM HLDGS INC	COM	209034107	283	79,040	SH SOLE	0	79,040
CONSOLIDATED EDISON INC	COM	209115104	59,581	625,128	SH SOLE	0	625,128
CONSTELLATION BRANDS INC	CL A	21036P108	6,359	27,439	SH SOLE	0	27,439
CONSTELLATION ENERGY CORP	COM	21037T109	4,765	55,276	SH SOLE	0	55,276
CONYERS PARK III ACQSITN COR	CLASS A COM	21289P102	742	75,000	SH SOLE	0	75,000
COOPER COS INC	COM NEW	216648402	2,758	8,341	SH SOLE	0	8,341
COPART INC	COM	217204106	4,411	72,435	SH SOLE	0	72,435
CORCEPT THERAPEUTICS INC	COM	218352102	2,083	102,537	SH SOLE	0	102,537
CORECIVIC INC	COM	21871N101	1,423	123,056	SH SOLE	0	123,056
CORNING INC	COM	219350105	4,110	128,674	SH SOLE	0	128,674
QUIDELORTHO CORP	COM	219798105	2,062	24,066	SH SOLE	0	24,066
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	1,312	50,574	SH SOLE	0	50,574
CORSAIR GAMING INC	COM	22041X102	558	41,092	SH SOLE	0	41,092
CORTEVA INC	COM	22052L104	7,099	120,773	SH SOLE	0	120,773
CORVEL CORP	COM	221006109	1,423	9,793	SH SOLE	0	9,793
COSTCO WHSL CORP NEW	COM	22160K105	34,153	74,815	SH SOLE	0	74,815
COSTAR GROUP INC	COM	22160N109	5,313	68,744	SH SOLE	0	68,744

COTY INC	COM CL A	222070203	1,408	164,445	SH SOLE	0	164,445
COUPANG INC	CL A	22266T109	5,578	379,178	SH SOLE	0	379,178
COUSINS PPTYS INC	COM NEW	222795502	1,723	68,124	SH SOLE	0	68,124
CRACKER BARREL OLD CTRY STOR	COM	22410J106	945	9,972	SH SOLE	0	9,972
CRANE HLDGS CO	COM	224441105	2,156	21,468	SH SOLE	0	21,468
CRITEO S A	SPONS ADS	226718104	1,411	54,142	SH SOLE	0	54,142
CROCS INC	COM	227046109	3,012	27,777	SH SOLE	0	27,777
CROSS CTRY HEALTHCARE INC	COM	227483104	1,007	37,918	SH SOLE	0	37,918
CROWN CASTLE INC	COM	22822V101	83,701	617,079	SH SOLE	0	617,079
ARTIVION INC	COM	228903100	523	43,161	SH SOLE	0	43,161
CUBESMART	COM	229663109	4,066	101,027	SH SOLE	0	101,027
CULLEN FROST BANKERS INC	COM	229899109	3,867	28,925	SH SOLE	0	28,925
CUMMINS INC	COM	231021106	5,776	23,838	SH SOLE	0	23,838
CURTISS WRIGHT CORP	COM	231561101	2,878	17,233	SH SOLE	0	17,233
CUSTOMERS BANCORP INC	COM	23204G100	927	32,710	SH SOLE	0	32,710
CUTERA INC	COM	232109108	845	19,103	SH SOLE	0	19,103
CYTOKINETICS INC	COM NEW	23282W605	4,640	101,276	SH SOLE	0	101,276
DMC GLOBAL INC	COM	23291C103	386	19,856	SH SOLE	0	19,856
DA32 LIFE SCNCE TEC ACQSTN C	CLASS A COM	23312M106	499	50,000	SH SOLE	0	50,000
D R HORTON INC	COM	23331A109	4,716	52,907	SH SOLE	0	52,907
DTE ENERGY CO	COM	233331107	3,849	32,749	SH SOLE	0	32,749
DXP ENTERPRISES INC	COM NEW	233377407	465	16,870	SH SOLE	0	16,870
DT MIDSTREAM INC	COMMON STOCK	23345M107	2,405	43,524	SH SOLE	0	43,524
DXC TECHNOLOGY CO	COM	23355L106	1,031	38,889	SH SOLE	0	38,889
DANA INC	COM	235825205	868	57,395	SH SOLE	0	57,395
DANAHER CORPORATION	COM	235851102	29,394	110,745	SH SOLE	0	110,745
DARDEN RESTAURANTS INC	COM	237194105	2,862	20,688	SH SOLE	0	20,688
DARLING INGREDIENTS INC	COM	237266101	4,513	72,099	SH SOLE	0	72,099
DAVE & BUSTERS ENTMT INC	COM	238337109	1,592	44,912	SH SOLE	0	44,912
DAVITA INC	COM	23918K108	694	9,290	SH SOLE	0	9,290
DECKERS OUTDOOR CORP	COM	243537107	4,752	11,906	SH SOLE	0	11,906
DEERE & CO	COM	244199105	19,906	46,426	SH SOLE	0	46,426
DELTA AIR LINES INC DEL	COM NEW	247361702	3,561	108,383	SH SOLE	0	108,383
DELUXE CORP	COM	248019101	784	46,165	SH SOLE	0	46,165
DENTSPLY SIRONA INC	COM	24906P109	1,157	36,327	SH SOLE	0	36,327
DESIGNER BRANDS INC	CL A	250565108	532	54,422	SH SOLE	0	54,422
DEVON ENERGY CORP NEW	COM	25179M103	6,797	110,498	SH SOLE	0	110,498
DEXCOM INC	COM	252131107	7,394	65,291	SH SOLE	0	65,291
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,835	224,078	SH SOLE	0	224,078
DIAMONDHEAD HOLDINGS CORP	CL A	25278L105	503	50,000	SH SOLE	0	50,000
DIAMONDBACK ENERGY INC	COM	25278X109	4,069	29,750	SH SOLE	0	29,750
DICKS SPORTING GOODS INC	COM	253393102	3,009	25,013	SH SOLE	0	25,013
DIGI INTL INC	COM	253798102	1,380	37,770	SH SOLE	0	37,770
DIGITAL RLTY TR INC	COM	253868103	4,873	48,601	SH SOLE	0	48,601
DIGITAL TURBINE INC	COM NEW	25400W102	1,470	96,433	SH SOLE	0	96,433
DIGITAL TRANSFORMATN OPT COR	CLASS A COM	25401K107	2,511	250,000	SH SOLE	0	250,000
DIGITAL TRANSFORMATN OPT COR	*W EXP 03/31/202	25401K115	4	62,500	SH SOLE	0	62,500
DIME CMNTY BANCSHARES INC	COM	25432X102	1,104	34,678	SH SOLE	0	34,678
DINE BRANDS GLOBAL INC	COM	254423106	1,084	16,779	SH SOLE	0	16,779
DIODES INC	COM	254543101	3,705	48,663	SH SOLE	0	48,663
DISNEY WALT CO	COM	254687106	26,773	308,159	SH SOLE	0	308,159
DISCOVER FINL SVCS	COM	254709108	4,518	46,185	SH SOLE	0	46,185
DISH NETWORK CORPORATION	CL A	25470M109	597	42,487	SH SOLE	0	42,487
DISH NETWORK CORPORATION	NOTE 2.375%	25470MAD1	1,802	2,000,000	SH SOLE	0	2,000,000
DOLLAR GEN CORP NEW	COM	256677105	9,389	38,129	SH SOLE	0	38,129
DOLLAR TREE INC	COM	256746108	5,033	35,582	SH SOLE	0	35,582
DOMINION ENERGY INC	COM	25746U109	89,934	1,466,629	SH SOLE	0	1,466,629
DOMINOS PIZZA INC	COM	25754A201	2,073	5,984	SH SOLE	0	5,984
DONALDSON INC	COM	257651109	3,243	55,090	SH SOLE	0	55,090
DONNELLEY FINL SOLUTIONS INC	COM	25787G100	1,035	26,787	SH SOLE	0	26,787
DORMAN PRODS INC	COM	258278100	2,447	30,263	SH SOLE	0	30,263
DOUGLAS EMMETT INC	COM	25960P109	1,240	79,080	SH SOLE	0	79,080
DOUGLAS ELLIMAN INC	COM	25961D105	294	72,171	SH SOLE	0	72,171
DOVER CORP	COM	260003108	3,213	23,725	SH SOLE	0	23,725
DOW INC	COM	260557103	5,994	118,959	SH SOLE	0	118,959
DRIL-QUIP INC	COM	262037104	986	36,302	SH SOLE	0	36,302
DUKE ENERGY CORP NEW	COM NEW	26441C204	139,741	1,356,841	SH SOLE	0	1,356,841

DUPONT DE NEMOURS INC	COM	26614N102	5,763	83,974	SH SOLE	0	83,974
DYCOM INDS INC	COM	267475101	1,240	13,252	SH SOLE	0	13,252
DYNATRACE INC	COM NEW	268150109	3,472	90,645	SH SOLE	0	90,645
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	1,351	126,987	SH SOLE	0	126,987
EG ACQUISITION CORP	COM CL A	26846A100	499	50,000	SH SOLE	0	50,000
E L F BEAUTY INC	COM	26856L103	2,976	53,823	SH SOLE	0	53,823
EL POLLO LOCO HLDGS INC	COM	268603107	209	21,015	SH SOLE	0	21,015
EOG RES INC	COM	26875P101	12,860	99,289	SH SOLE	0	99,289
EQT CORP	COM	26884L109	2,099	62,043	SH SOLE	0	62,043
EPR PPTYS	COM SH BEN INT	26884U109	1,273	33,749	SH SOLE	0	33,749
EAGLE BANCORP INC MD	COM	268948106	1,505	34,161	SH SOLE	0	34,161
EAGLE MATLS INC	COM	26969P108	2,202	16,575	SH SOLE	0	16,575
EAGLE PHARMACEUTICALS INC	COM	269796108	326	11,144	SH SOLE	0	11,144
EAST WEST BANCORP INC	COM	27579R104	4,178	63,406	SH SOLE	0	63,406
EASTERLY GOVT PPTYS INC	COM	27616P103	1,386	97,148	SH SOLE	0	97,148
EASTGROUP PPTYS INC	COM	277276101	2,902	19,602	SH SOLE	0	19,602
EASTMAN CHEM CO	COM	277432100	1,652	20,282	SH SOLE	0	20,282
EBAY INC.	COM	278642103	3,804	91,728	SH SOLE	0	91,728
EBIX INC	COM NEW	278715206	502	25,136	SH SOLE	0	25,136
ECHOSTAR CORP	CL A	278768106	702	42,089	SH SOLE	0	42,089
ECOLAB INC	COM	278865100	6,097	41,887	SH SOLE	0	41,887
EDGEWELL PERS CARE CO	COM	28035Q102	2,138	55,465	SH SOLE	0	55,465
EDISON INTL	COM	281020107	42,197	663,259	SH SOLE	0	663,259
EDWARDS LIFESCIENCES CORP	COM	28176E108	7,797	104,507	SH SOLE	0	104,507
8X8 INC NEW	COM	282914100	516	119,531	SH SOLE	0	119,531
ELECTRONIC ARTS INC	COM	285512109	14,580	119,334	SH SOLE	0	119,334
ELLINGTON FINANCIAL INC	COM	28852N109	760	61,449	SH SOLE	0	61,449
EMBECTA CORP	COMMON STOCK	29082K105	1,565	61,899	SH SOLE	0	61,899
EMCOR GROUP INC	COM	29084Q100	3,175	21,438	SH SOLE	0	21,438
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	561	47,518	SH SOLE	0	47,518
EMERSON ELEC CO	COM	291011104	9,601	99,950	SH SOLE	0	99,950
FTAC EMERALD ACQUISITION COR	CLASS A COM	29103K100	2,004	200,000	SH SOLE	0	200,000
FTAC EMERALD ACQUISITION COR	*W EXP 10/19/20	29103K118	5	100,000	SH SOLE	0	100,000
ASPEN TECHNOLOGY INC	COM	29109X106	2,684	13,065	SH SOLE	0	13,065
EMPLOYERS HLDGS INC	COM	292218104	1,255	29,107	SH SOLE	0	29,107
ENANTA PHARMACEUTICALS INC	COM	29251M106	970	20,850	SH SOLE	0	20,850
ENCORE CAP GROUP INC	COM	292554102	1,200	25,028	SH SOLE	0	25,028
ENCORE WIRE CORP	COM	292562105	2,700	19,631	SH SOLE	0	19,631
ENDAVA PLC	ADS	29260V105	5,707	74,602	SH SOLE	0	74,602
ENCOMPASS HEALTH CORP	COM	29261A100	2,685	44,891	SH SOLE	0	44,891
ENERGIZER HLDGS INC NEW	COM	29272W109	1,000	29,811	SH SOLE	0	29,811
ENERSYS	COM	29275Y102	1,356	18,368	SH SOLE	0	18,368
ENERPAC TOOL GROUP CORP	CL A COM	292765104	1,549	60,865	SH SOLE	0	60,865
ENHABIT INC	COM	29332G102	699	53,102	SH SOLE	0	53,102
ENPHASE ENERGY INC	COM	29355A107	6,088	22,976	SH SOLE	0	22,976
ENPRO INDS INC	COM	29355X107	2,420	22,264	SH SOLE	0	22,264
ENOVA INTL INC	COM	29357K103	1,292	33,669	SH SOLE	0	33,669
ENSIGN GROUP INC	COM	29358P101	5,618	59,380	SH SOLE	0	59,380
ENTERGY CORP NEW	COM	29364G103	40,236	357,649	SH SOLE	0	357,649
ENVESTNET INC	COM	29404K106	1,536	24,889	SH SOLE	0	24,889
EPAM SYS INC	COM	29414B104	3,186	9,722	SH SOLE	0	9,722
ENVISTA HOLDINGS CORPORATION	COM	29415F104	2,470	73,347	SH SOLE	0	73,347
EPLUS INC	COM	294268107	1,275	28,797	SH SOLE	0	28,797
EQUIFAX INC	COM	294429105	4,023	20,697	SH SOLE	0	20,697
EQUINIX INC	COM	29444U700	10,246	15,642	SH SOLE	0	15,642
EQUITRANS MIDSTREAM CORP	COM	294600101	1,304	194,690	SH SOLE	0	194,690
EQUITY RESIDENTIAL	SH BEN INT	29476L107	3,392	57,493	SH SOLE	0	57,493
ESAB CORPORATION	COM	29605J106	1,091	23,243	SH SOLE	0	23,243
ESCO TECHNOLOGIES INC	COM	296315104	2,422	27,669	SH SOLE	0	27,669
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	3,576	152,375	SH SOLE	0	152,375
ESSENTIAL UTILS INC	COM	29670G102	22,708	475,769	SH SOLE	0	475,769
ESSEX PPTY TR INC	COM	297178105	2,320	10,946	SH SOLE	0	10,946
ETHAN ALLEN INTERIORS INC	COM	297602104	645	24,414	SH SOLE	0	24,414
ETSY INC	COM	29786A106	2,545	21,246	SH SOLE	0	21,246
EURONET WORLDWIDE INC	COM	298736109	2,000	21,195	SH SOLE	0	21,195
EVERCORE INC	CLASS A	29977A105	1,753	16,074	SH SOLE	0	16,074
EVERGY INC	COM	30034W106	24,715	392,741	SH SOLE	0	392,741

EVERTEC INC	COM	30040P103	2,260	69,781	SH SOLE	0	69,781
EVERSOURCE ENERGY	COM	30040W108	50,945	607,648	SH SOLE	0	607,648
EXELON CORP	COM	30161N101	7,262	167,976	SH SOLE	0	167,976
EXELIXIS INC	COM	30161Q104	2,328	145,107	SH SOLE	0	145,107
EXLSERVICE HOLDINGS INC	COM	302081104	2,520	14,875	SH SOLE	0	14,875
EXPEDIA GROUP INC	COM NEW	30212P303	2,230	25,451	SH SOLE	0	25,451
EXPEDITORS INTL WASH INC	COM	302130109	2,795	26,899	SH SOLE	0	26,899
EXPONENT INC	COM	30214U102	5,370	54,194	SH SOLE	0	54,194
EXTRA SPACE STORAGE INC	COM	30225T102	3,332	22,637	SH SOLE	0	22,637
EXTREME NETWORKS	COM	30226D106	2,574	140,569	SH SOLE	0	140,569
EZCORP INC	CL A NON VTG	302301106	468	57,455	SH SOLE	0	57,455
EXXON MOBIL CORP	COM	30231G102	76,783	696,132	SH SOLE	0	696,132
FMC CORP	COM NEW	302491303	2,657	21,293	SH SOLE	0	21,293
F N B CORP	COM	302520101	2,059	157,802	SH SOLE	0	157,802
FB FINL CORP	COM	30257X104	1,361	37,669	SH SOLE	0	37,669
FTI CONSULTING INC	COM	302941109	2,459	15,485	SH SOLE	0	15,485
META PLATFORMS INC	CL A	30303M102	45,741	380,102	SH SOLE	0	380,102
FACTSET RESH SYS INC	COM	303075105	2,584	6,440	SH SOLE	0	6,440
FTAC ZEUS ACQUISITION COR	CLASS A COM	30320F106	427	42,350	SH SOLE	0	42,350
FAIR ISAAC CORP	COM	303250104	6,726	11,236	SH SOLE	0	11,236
FARO TECHNOLOGIES INC	COM	311642102	591	20,099	SH SOLE	0	20,099
FASTENAL CO	COM	311900104	4,581	96,816	SH SOLE	0	96,816
FEDERAL RLTY INVT TR NEW	SH BEN INT NEW	313745101	1,248	12,354	SH SOLE	0	12,354
FEDERAL SIGNAL CORP	COM	313855108	3,016	64,895	SH SOLE	0	64,895
FEDERATED HERMES INC	CL B	314211103	1,381	38,030	SH SOLE	0	38,030
FEDEX CORP	COM	31428X106	7,009	40,467	SH SOLE	0	40,467
F5 INC	COM	315616102	1,452	10,118	SH SOLE	0	10,118
FIDELITY NATL INFORMATION SV	COM	31620M106	6,805	100,301	SH SOLE	0	100,301
FIFTH THIRD BANCORP	COM	316773100	3,807	116,024	SH SOLE	0	116,024
FINSERV ACQUISITION CORP II	COM CL A	31809Y103	498	49,524	SH SOLE	0	49,524
FIRST AMERN FINL CORP	COM	31847R102	2,438	46,579	SH SOLE	0	46,579
FIRST BANCORP P R	COM NEW	318672706	2,513	197,576	SH SOLE	0	197,576
FIRST BANCORP N C	COM	318910106	1,637	38,220	SH SOLE	0	38,220
FIRST COMWLTH FINL CORP PA	COM	319829107	1,396	99,933	SH SOLE	0	99,933
FIRST FINL BANCORP OH	COM	320209109	2,459	101,500	SH SOLE	0	101,500
FIRST FINL BANKSHARES INC	COM	32020R109	2,009	58,394	SH SOLE	0	58,394
FIRST HORIZON CORPORATION	COM	320517105	5,914	241,399	SH SOLE	0	241,399
FIRST HAWAIIAN INC	COM	32051X108	3,558	136,647	SH SOLE	0	136,647
FIRST INDL RLTY TR INC	COM	32054K103	2,869	59,442	SH SOLE	0	59,442
FIRST LT ACQUISITION GROUP I	CL A	320703101	136	13,400	SH SOLE	0	13,400
FIRST RESERVE SUSTAINABLE GW	CLASS A COM	336169107	503	50,000	SH SOLE	0	50,000
FIRST REP BK SAN FRANCISCO C	COM	33616C100	3,769	30,921	SH SOLE	0	30,921
FIRST SOLAR INC	COM	336433107	2,510	16,759	SH SOLE	0	16,759
FIRSTCASH HOLDINGS INC	COM	33768G107	1,467	16,878	SH SOLE	0	16,878
FISERV INC	COM	337738108	10,849	107,341	SH SOLE	0	107,341
FIRSTENERGY CORP	COM	337932107	42,045	1,002,508	SH SOLE	0	1,002,508
FIVE BELOW INC	COM	33829M101	4,416	24,970	SH SOLE	0	24,970
FLEETCOR TECHNOLOGIES INC	COM	339041105	2,290	12,467	SH SOLE	0	12,467
FLUOR CORP NEW	COM	343412102	2,215	63,920	SH SOLE	0	63,920
FLOWERS FOODS INC	COM	343498101	2,484	86,432	SH SOLE	0	86,432
FLOWSERVE CORP	COM	34354P105	1,804	58,795	SH SOLE	0	58,795
FOCUS IMPACT ACQUISITION COR	CLASS A COM	34417L109	404	39,670	SH SOLE	0	39,670
FOOT LOCKER INC	COM	344849104	1,348	35,677	SH SOLE	0	35,677
FORD MTR CO DEL	COM	345370860	7,764	667,624	SH SOLE	0	667,624
FOREST ROAD ACQUISITION COR	CL A	34619V103	502	50,000	SH SOLE	0	50,000
FORMFACTOR INC	COM	346375108	1,833	82,434	SH SOLE	0	82,434
FORRESTER RESH INC	COM	346563109	430	12,030	SH SOLE	0	12,030
FORTINET INC	COM	34959E109	5,359	109,606	SH SOLE	0	109,606
FORTIVE CORP	COM	34959J108	3,843	59,806	SH SOLE	0	59,806
FORTUNE BRANDS INNOVATIONS I	COM	34964C106	3,295	57,691	SH SOLE	0	57,691
FORWARD AIR CORP	COM	349853101	2,985	28,457	SH SOLE	0	28,457
FOUR CORNERS PPTY TR INC	COM	35086T109	2,328	89,778	SH SOLE	0	89,778
FOX CORP	CL A COM	35137L105	346	11,384	SH SOLE	0	11,384
FOX CORP	CL B COM	35137L204	1,878	66,022	SH SOLE	0	66,022
FOX FACTORY HLDG CORP	COM	35138V102	1,735	19,014	SH SOLE	0	19,014
FRANKLIN BSP RLTY TR INC	COMMON STOCK	35243J101	1,139	88,272	SH SOLE	0	88,272
FRANKLIN ELEC INC	COM	353514102	3,321	41,640	SH SOLE	0	41,640

FRANKLIN RESOURCES INC	COM	354613101	1,267	48,016	SH SOLE	0	48,016
FRANKLIN STR PPTYS CORP	COM	35471R106	268	98,332	SH SOLE	0	98,332
FREEMPORT-MCMORAN INC	CL B	35671D857	9,181	241,605	SH SOLE	0	241,605
FRONTDOOR INC	COM	35905A109	1,814	87,216	SH SOLE	0	87,216
FRONTIER COMMUNICATIONS PARE	COM	35909D109	2,556	100,298	SH SOLE	0	100,298
FULGENT GENETICS INC	COM	359664109	629	21,109	SH SOLE	0	21,109
FULLER H B CO	COM	359694106	4,086	57,057	SH SOLE	0	57,057
FULTON FINL CORP PA	COM	360271100	1,268	75,349	SH SOLE	0	75,349
FUTUREFUEL CORP	COM	36116M106	225	27,633	SH SOLE	0	27,633
FUTU HLDGS LTD	SPON ADS CL A	36118L106	2,415	59,404	SH SOLE	0	59,404
FUSION ACQUISITION CORP II	COM CL A	36118N102	502	49,998	SH SOLE	0	49,998
GATX CORP	COM	361448103	1,684	15,835	SH SOLE	0	15,835
GEO GROUP INC NEW	COM	36162J106	1,455	132,868	SH SOLE	0	132,868
G III APPAREL GROUP LTD	COM	36237H101	627	45,740	SH SOLE	0	45,740
GMS INC	COM	36251C103	2,260	45,385	SH SOLE	0	45,385
GX ACQUISITION CORP II	CLASS A COM	36260F105	500	49,998	SH SOLE	0	49,998
GXO LOGISTICS INCORPORATED	COMMON STOCK	36262G101	2,278	53,371	SH SOLE	0	53,371
GALLAGHER ARTHUR J & CO	COM	363576109	6,719	35,639	SH SOLE	0	35,639
GAMESTOP CORP NEW	CL A	36467W109	2,099	113,706	SH SOLE	0	113,706
GANNETT CO INC	COM	36472T109	317	156,351	SH SOLE	0	156,351
GAP INC	COM	364760108	1,070	94,895	SH SOLE	0	94,895
GARTNER INC	COM	366651107	4,490	13,358	SH SOLE	0	13,358
GENERAC HLDGS INC	COM	368736104	1,078	10,709	SH SOLE	0	10,709
GENERAL DYNAMICS CORP	COM	369550108	9,442	38,055	SH SOLE	0	38,055
GENERAL ELECTRIC CO	COM NEW	369604301	15,476	184,698	SH SOLE	0	184,698
GENERAL MLS INC	COM	370334104	8,413	100,328	SH SOLE	0	100,328
GENERAL MTRS CO	COM	37045V100	8,079	240,146	SH SOLE	0	240,146
GENESCO INC	COM	371532102	611	13,287	SH SOLE	0	13,287
GENTEX CORP	COM	371901109	2,878	105,529	SH SOLE	0	105,529
GENUINE PARTS CO	COM	372460105	4,134	23,827	SH SOLE	0	23,827
GENWORTH FINL INC	COM CL A	37247D106	2,810	531,223	SH SOLE	0	531,223
GENTHERM INC	COM	37253A103	2,320	35,529	SH SOLE	0	35,529
GETTY RLTY CORP NEW	COM	374297109	1,541	45,514	SH SOLE	0	45,514
GIBRALTAR INDS INC	COM	374689107	1,521	33,146	SH SOLE	0	33,146
GILEAD SCIENCES INC	COM	375558103	18,201	212,010	SH SOLE	0	212,010
GLACIER BANCORP INC NEW	COM	37637Q105	2,463	49,830	SH SOLE	0	49,830
GLAUKOS CORP	COM	377322102	2,230	51,053	SH SOLE	0	51,053
GLOBAL NET LEASE INC	COM NEW	379378201	1,396	111,084	SH SOLE	0	111,084
GLOBAL PMTS INC	COM	37940X102	4,540	45,707	SH SOLE	0	45,707
GLOBUS MED INC	CL A	379577208	2,586	34,824	SH SOLE	0	34,824
GLOBE LIFE INC	COM	37959E102	1,843	15,291	SH SOLE	0	15,291
GLOBAL BLOCKCHAIN ACQUI CORP	COMMON STOCK	37961B104	505	50,000	SH SOLE	0	50,000
GOAL ACQUISITIONS CORP	COM	38021H107	503	50,000	SH SOLE	0	50,000
GOGO INC	COM	38046C109	1,025	69,466	SH SOLE	0	69,466
GOLDEN ARROW MERGER CORP	CLASS A COM	380799106	501	50,000	SH SOLE	0	50,000
GOLDEN ENMT INC	COM	381013101	879	23,490	SH SOLE	0	23,490
GOLDMAN SACHS GROUP INC	COM	38141G104	19,655	57,241	SH SOLE	0	57,241
GOODYEAR TIRE & RUBR CO	COM	382550101	1,292	127,247	SH SOLE	0	127,247
GORES HOLDINGS IX INC	CLASS A COM	38287A101	743	75,000	SH SOLE	0	75,000
GRACO INC	COM	384109104	5,099	75,814	SH SOLE	0	75,814
GRAF ACQUISITION CORP IV	COM	384272100	498	50,000	SH SOLE	0	50,000
GRAHAM HLDGS CO	COM CL B	384637104	1,043	1,727	SH SOLE	0	1,727
GRAINGER W W INC	COM	384802104	4,229	7,602	SH SOLE	0	7,602
GRAND CANYON ED INC	COM	38526M106	1,458	13,798	SH SOLE	0	13,798
GRANITE CONSTR INC	COM	387328107	1,641	46,801	SH SOLE	0	46,801
GRANITE PT MTG TR INC	COM STK	38741L107	300	56,027	SH SOLE	0	56,027
GREEN BRICK PARTNERS INC	COM	392709101	704	29,070	SH SOLE	0	29,070
GREEN DOT CORP	CL A	39304D102	792	50,072	SH SOLE	0	50,072
GREEN PLAINS INC	COM	393222104	1,935	63,459	SH SOLE	0	63,459
GREENBRIER COS INC	COM	393657101	1,176	35,085	SH SOLE	0	35,085
GREIF INC	CL A	397624107	772	11,519	SH SOLE	0	11,519
GRIFFON CORP	COM	398433102	1,814	50,689	SH SOLE	0	50,689
GROCERY OUTLET HLDG CORP	COM	39874R101	1,162	39,823	SH SOLE	0	39,823
GROUP 1 AUTOMOTIVE INC	COM	398905109	2,815	15,605	SH SOLE	0	15,605
GUESS INC	COM	401617105	675	32,626	SH SOLE	0	32,626
HF SINCLAIR CORP	COM	403949100	3,139	60,501	SH SOLE	0	60,501
HCA HEALTHCARE INC	COM	40412C101	8,601	35,842	SH SOLE	0	35,842

HDFC BANK LTD	SPONSORED ADS	40415F101	12,995	189,963	SH SOLE	0	189,963
HCI GROUP INC	COM	40416E103	293	7,404	SH SOLE	0	7,404
HNI CORP	COM	404251100	1,259	44,269	SH SOLE	0	44,269
HP INC	COM	40434L105	4,021	149,633	SH SOLE	0	149,633
HAEMONETICS CORP MASS	COM	405024100	1,791	22,766	SH SOLE	0	22,766
HAIN CELESTIAL GROUP INC	COM	405217100	1,547	95,586	SH SOLE	0	95,586
HALLIBURTON CO	COM	406216101	6,040	153,491	SH SOLE	0	153,491
HALOZYME THERAPEUTICS INC	COM	40637H109	3,461	60,827	SH SOLE	0	60,827
HANCOCK WHITNEY CORPORATION	COM	410120109	1,865	38,550	SH SOLE	0	38,550
HANESBRANDS INC	COM	410345102	998	156,978	SH SOLE	0	156,978
HANMI FINL CORP	COM NEW	410495204	808	32,627	SH SOLE	0	32,627
HANOVER INS GROUP INC	COM	410867105	2,162	15,998	SH SOLE	0	15,998
HARLEY DAVIDSON INC	COM	412822108	2,490	59,844	SH SOLE	0	59,844
HARMONIC INC	COM	413160102	1,478	112,840	SH SOLE	0	112,840
HARMONY BIOSCIENCES HLDGS IN	COM	413197104	1,749	31,742	SH SOLE	0	31,742
HARSCO CORP	COM	415864107	535	85,056	SH SOLE	0	85,056
HARTFORD FINL SVCS GROUP INC	COM	416515104	4,077	53,770	SH SOLE	0	53,770
HASBRO INC	COM	418056107	1,339	21,945	SH SOLE	0	21,945
HAVERTY FURNITURE COS INC	COM	419596101	423	14,158	SH SOLE	0	14,158
HAWAIIAN ELEC INDUSTRIES	COM	419870100	9,308	222,412	SH SOLE	0	222,412
HAWAIIAN HOLDINGS INC	COM	419879101	565	55,021	SH SOLE	0	55,021
HAWKINS INC	COM	420261109	781	20,246	SH SOLE	0	20,246
HAWKS ACQUISITION CORP	CL A	42032P108	500	50,000	SH SOLE	0	50,000
HAYNES INTL INC	COM NEW	420877201	609	13,337	SH SOLE	0	13,337
HEALTHCARE SVCS GROUP INC	COM	421906108	951	79,291	SH SOLE	0	79,291
HEALTHSTREAM INC	COM	42222N103	642	25,849	SH SOLE	0	25,849
HEALTH EQUITY INC	COM	42226A107	2,344	38,027	SH SOLE	0	38,027
HEALTHCARE RLTY TR	CL A COM	42226K105	3,299	171,204	SH SOLE	0	171,204
HEALTHWELL ACQUISITION CORP	CLASS A COM	42227R109	668	67,412	SH SOLE	0	67,412
HEARTLAND EXPRESS INC	COM	422347104	765	49,844	SH SOLE	0	49,844
HEARTLAND MEDIA ACQUISITION	CL A COM	42237V108	509	50,000	SH SOLE	0	50,000
HEALTHPEAK PROPERTIES INC	COM	42250P103	2,278	90,863	SH SOLE	0	90,863
HEIDRICK & STRUGGLES INTL IN	COM	422819102	595	21,256	SH SOLE	0	21,256
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	1,127	152,734	SH SOLE	0	152,734
HELMERICH & PAYNE INC	COM	423452101	5,586	112,684	SH SOLE	0	112,684
HENNESSY CAPITAL INVST CORP	CLASS A COM	42600H108	493	49,998	SH SOLE	0	49,998
HENNESSY CAPITAL INVST CORP	*W EXP 06/10/202	42600H116	2	16,666	SH SOLE	0	16,666
HENRY JACK & ASSOC INC	COM	426281101	2,165	12,331	SH SOLE	0	12,331
HERITAGE FINL CORP WASH	COM	42722X106	1,151	37,569	SH SOLE	0	37,569
HERSHA HOSPITALITY TR	PR SHS BEN INT	427825500	300	35,219	SH SOLE	0	35,219
HERSHEY CO	COM	427866108	5,753	24,843	SH SOLE	0	24,843
HESKA CORP	COM RESTRC NEW	42805E306	677	10,891	SH SOLE	0	10,891
HESS CORP	COM	42809H107	6,652	46,903	SH SOLE	0	46,903
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	3,471	217,496	SH SOLE	0	217,496
HEXCEL CORP NEW	COM	428291108	2,228	37,865	SH SOLE	0	37,865
HIBBETT INC	COM	428567101	935	13,706	SH SOLE	0	13,706
HIGHWOODS PPTYS INC	COM	431284108	1,324	47,324	SH SOLE	0	47,324
HILLENBRAND INC	COM	431571108	3,172	74,335	SH SOLE	0	74,335
HILLTOP HOLDINGS INC	COM	432748101	1,473	49,080	SH SOLE	0	49,080
HILTON WORLDWIDE HLDGS INC	COM	43300A203	5,777	45,716	SH SOLE	0	45,716
HOLOGIC INC	COM	436440101	3,157	42,200	SH SOLE	0	42,200
HOME BANCSHARES INC	COM	436893200	1,945	85,335	SH SOLE	0	85,335
HOME DEPOT INC	COM	437076102	54,658	173,045	SH SOLE	0	173,045
HOME PLATE ACQUISITION CORP	CL A COM	43734R103	169	16,836	SH SOLE	0	16,836
HOMESTREET INC	COM	43785V102	525	19,036	SH SOLE	0	19,036
HONEYWELL INTL INC	COM	438516106	24,354	113,645	SH SOLE	0	113,645
HOPE BANCORP INC	COM	43940T109	1,638	127,873	SH SOLE	0	127,873
HORACE MANN EDUCATORS CORP N	COM	440327104	1,636	43,770	SH SOLE	0	43,770
HORMEL FOODS CORP	COM	440452100	2,229	48,933	SH SOLE	0	48,933
HOST HOTELS & RESORTS INC	COM	44107P104	1,940	120,864	SH SOLE	0	120,864
HOSTESS BRANDS INC	CL A	44109J106	3,215	143,289	SH SOLE	0	143,289
HOWMET AEROSPACE INC	COM	443201108	2,453	62,239	SH SOLE	0	62,239
HUB GROUP INC	CL A	443320106	2,778	34,947	SH SOLE	0	34,947
HUBBELL INC	COM	443510607	5,670	24,160	SH SOLE	0	24,160
HUDSON PAC PPTYS INC	COM	444097109	1,335	137,246	SH SOLE	0	137,246
HUMANA INC	COM	444859102	10,961	21,400	SH SOLE	0	21,400
HUNT J B TRANS SVCS INC	COM	445658107	2,441	14,001	SH SOLE	0	14,001

HUNTINGTON BANCSHARES INC	COM	446150104	3,439	243,872	SH SOLE	0	243,872
HUNTINGTON INGALLS INDS INC	COM	446413106	1,556	6,745	SH SOLE	0	6,745
IAA INC	COM	449253103	2,407	60,175	SH SOLE	0	60,175
ICU MED INC	COM	44930G107	1,427	9,062	SH SOLE	0	9,062
IPG PHOTONICS CORP	COM	44980X109	1,369	14,464	SH SOLE	0	14,464
ISTAR INC	COM	45031U101	708	92,785	SH SOLE	0	92,785
ITT INC	COM	45073V108	3,017	37,203	SH SOLE	0	37,203
IDACORP INC	COM	451107106	11,093	102,856	SH SOLE	0	102,856
IDEX CORP	COM	45167R104	2,911	12,749	SH SOLE	0	12,749
IDEXX LABS INC	COM	45168D104	5,711	13,999	SH SOLE	0	13,999
ILLINOIS TOOL WKS INC	COM	452308109	10,410	47,252	SH SOLE	0	47,252
ILLUMINA INC	COM	452327109	5,376	26,589	SH SOLE	0	26,589
IMMUNOCORE HLDGS PLC	ADS	45258D105	683	11,964	SH SOLE	0	11,964
INARI MED INC	COM	45332Y109	1,381	21,723	SH SOLE	0	21,723
INCYTE CORP	COM	45337C102	2,507	31,213	SH SOLE	0	31,213
INDEPENDENCE RLTY TR INC	COM	45378A106	1,698	100,697	SH SOLE	0	100,697
INDEPENDENT BK CORP MASS	COM	453836108	4,124	48,847	SH SOLE	0	48,847
INDEPENDENT BANK GROUP INC	COM	45384B106	2,278	37,917	SH SOLE	0	37,917
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	456237106	229	70,174	SH SOLE	0	70,174
INDUSTRIAL TECH ACQSTNS II I	CLASS A COM	45635R108	407	40,000	SH SOLE	0	40,000
INFOSYS LTD	SPONSORED ADR	456788108	7,432	412,650	SH SOLE	0	412,650
INGERSOLL RAND INC	COM	45687V106	3,576	68,446	SH SOLE	0	68,446
INGEVITY CORP	COM	45688C107	1,113	15,803	SH SOLE	0	15,803
INGREDION INC	COM	457187102	2,888	29,490	SH SOLE	0	29,490
INSIGHT ENTERPRISES INC	COM	45765U103	3,252	32,431	SH SOLE	0	32,431
INNOSPEC INC	COM	45768S105	2,726	26,504	SH SOLE	0	26,504
INSTEEL INDS INC	COM	45774W108	574	20,846	SH SOLE	0	20,846
INSPERITY INC	COM	45778Q107	1,822	16,041	SH SOLE	0	16,041
INOGEN INC	COM	45780L104	484	24,531	SH SOLE	0	24,531
INSTALLED BLDG PRODS INC	COM	45780R101	2,149	25,102	SH SOLE	0	25,102
INNOVIVA INC	COM	45781M101	891	67,215	SH SOLE	0	67,215
INNOVATIVE INDL PPTYS INC	COM	45781V101	3,034	29,937	SH SOLE	0	29,937
INSIGHT ACQUISITION CORP	COM CL A	45784L100	302	30,000	SH SOLE	0	30,000
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	1,833	32,687	SH SOLE	0	32,687
INTEL CORP	COM	458140100	18,438	697,604	SH SOLE	0	697,604
INTEGER HLDGS CORP	COM	45826H109	2,427	35,458	SH SOLE	0	35,458
INTEGRAL ACQUISITION CORP 1	CLASS A COM	45827K101	506	50,000	SH SOLE	0	50,000
INTELLIGENT MEDI ACQSITN COR	CLASS A COM	45828D106	257	25,000	SH SOLE	0	25,000
INTER PARFUMS INC	COM	458334109	1,844	19,104	SH SOLE	0	19,104
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	3,348	46,278	SH SOLE	0	46,278
INTERFACE INC	COM	458665304	614	62,255	SH SOLE	0	62,255
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	9,686	94,414	SH SOLE	0	94,414
INTERDIGITAL INC	COM	45867G101	1,571	31,746	SH SOLE	0	31,746
INTERNATIONAL BANCSHARES COR	COM	459044103	1,087	23,751	SH SOLE	0	23,751
INTERNATIONAL BUSINESS MACHS	COM	459200101	21,532	152,828	SH SOLE	0	152,828
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	4,518	43,097	SH SOLE	0	43,097
INTERNATIONAL PAPER CO	COM	460146103	2,082	60,120	SH SOLE	0	60,120
INTERPRIVATE IV INFRATECH PR	*W EXP 03/05/202	46064T110	0	10,000	SH SOLE	0	10,000
INTERPUBLIC GROUP COS INC	COM	460690100	2,188	65,674	SH SOLE	0	65,674
INTUIT	COM	461202103	18,545	47,646	SH SOLE	0	47,646
INTUITIVE SURGICAL INC	COM NEW	46120E602	15,850	59,734	SH SOLE	0	59,734
INVESCO MORTGAGE CAPITAL INC	COM	46131B704	482	37,835	SH SOLE	0	37,835
INVITATION HOMES INC	COM	46187W107	2,910	98,182	SH SOLE	0	98,182
IQVIA HLDGS INC	COM	46266C105	6,433	31,396	SH SOLE	0	31,396
IRIDIUM COMMUNICATIONS INC	COM	46269C102	10,949	213,020	SH SOLE	0	213,020
IROBOT CORP	COM	462726100	1,403	29,142	SH SOLE	0	29,142
IRON MTN INC DEL	COM	46284V101	2,450	49,141	SH SOLE	0	49,141
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	1,770	142,825	SH SOLE	0	142,825
ISHARES INC	MSCI CDA ETF	464286509	5,909	180,550	SH SOLE	0	180,550
ISHARES INC	MSCI FRANCE ETF	464286707	4,066	122,774	SH SOLE	0	122,774
ISHARES INC	MSCI GERMANY ETF	464286806	4,846	195,962	SH SOLE	0	195,962
ISHARES TR	CORE US AGGBD ET	464287226	497,787	5,132,356	SH SOLE	0	5,132,356
ISHARES TR	CORE S&P MCP ETF	464287507	26,476	109,455	SH SOLE	0	109,455
ISHARES TR	CORE S&P SCP ETF	464287804	15,406	162,790	SH SOLE	0	162,790
ISHARES TR	JPMORGAN USD EMG	464288281	515,457	6,093,595	SH SOLE	0	6,093,595
ISHARES TR	GLB INFRASTR ETF	464288372	8,111	176,950	SH SOLE	0	176,950
ISHARES TR	CORE MSCI TOTAL	46432F834	13,850	239,280	SH SOLE	0	239,280

ISHARES TR	CORE MSCI EAFE	46432F842	4,087	66,300	SH SOLE	0	66,300
ISHARES INC	CORE MSCI EMKT	46434G103	881,173	18,868,800	SH SOLE	0	18,868,800
ITEOS THERAPEUTICS INC	COM	46565G104	513	26,271	SH SOLE	0	26,271
ITRON INC	COM	46574I106	2,449	48,351	SH SOLE	0	48,351
JBG SMITH PPTYS	COM	46590V100	845	44,534	SH SOLE	0	44,534
JOYY INC	ADS REPSTG COM	46591M109	4,359	138,000	SH SOLE	0	138,000
J & J SNACK FOODS CORP	COM	46603Z109	2,399	16,021	SH SOLE	0	16,021
JPMORGAN CHASE & CO	COM	46625H100	66,488	495,812	SH SOLE	0	495,812
JABIL INC	COM	466313103	4,131	60,569	SH SOLE	0	60,569
JACK IN THE BOX INC	COM	466367109	1,538	22,536	SH SOLE	0	22,536
JACKSON ACQUISITION CO	COM CL A	46653C106	204	20,100	SH SOLE	0	20,100
JACOBS SOLUTIONS INC	COM	46982L108	2,590	21,570	SH SOLE	0	21,570
JAWS HURRICANE ACQUISITN COR	CLASS A COM	47201B103	499	50,000	SH SOLE	0	50,000
JAWS HURRICANE ACQUISITN COR	*W EXP 03/26/202	47201B111	2	12,500	SH SOLE	0	12,500
JEFFERIES FINL GROUP INC	COM	47233W109	2,825	82,411	SH SOLE	0	82,411
JETBLUE AWYS CORP	COM	477143101	944	145,699	SH SOLE	0	145,699
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	3,114	34,095	SH SOLE	0	34,095
JOHNSON & JOHNSON	COM	478160104	78,068	441,937	SH SOLE	0	441,937
JOINT CORP	COM	47973J102	217	15,550	SH SOLE	0	15,550
JONES LANG LASALLE INC	COM	48020Q107	3,403	21,352	SH SOLE	0	21,352
ZIFF DAVIS INC	COM	48123V102	1,679	21,230	SH SOLE	0	21,230
JUNIPER II CORP	CL A COM	48203N103	254	25,000	SH SOLE	0	25,000
JUNIPER NETWORKS INC	COM	48203R104	1,753	54,861	SH SOLE	0	54,861
JUPITER ACQUISITION CORP	CL A	48208Z104	646	65,000	SH SOLE	0	65,000
KAR AUCTION SVCS INC	COM	48238T109	1,521	116,556	SH SOLE	0	116,556
KBR INC	COM	48242W106	3,259	61,719	SH SOLE	0	61,719
KLA CORP	COM NEW	482480100	9,032	23,955	SH SOLE	0	23,955
KHOSLA VENTURES ACQUT CO III	COM CL A	482506102	498	50,000	SH SOLE	0	50,000
KKR REAL ESTATE FIN TR INC	COM	48251K100	857	61,404	SH SOLE	0	61,404
KADEM SUSTAINABLE IMPACT COR	CLASS A COM	48284E105	502	50,000	SH SOLE	0	50,000
KAISER ALUMINUM CORP	COM PAR \$0.01	483007704	1,296	17,060	SH SOLE	0	17,060
KAMAN CORP	COM	483548103	669	29,987	SH SOLE	0	29,987
KB HOME	COM	48666K109	1,190	37,365	SH SOLE	0	37,365
KELLOGG CO	COM	487836108	3,082	43,266	SH SOLE	0	43,266
KELLY SVCS INC	CL A	488152208	626	37,020	SH SOLE	0	37,020
KEMPER CORP	COM	488401100	1,414	28,739	SH SOLE	0	28,739
KENNAMETAL INC	COM	489170100	872	36,248	SH SOLE	0	36,248
KEURIG DR PEPPER INC	COM	49271V100	5,122	143,637	SH SOLE	0	143,637
KEYCORP	COM	493267108	2,747	157,704	SH SOLE	0	157,704
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	5,170	30,223	SH SOLE	0	30,223
KILROY RLTY CORP	COM	49427F108	1,830	47,320	SH SOLE	0	47,320
KIMBERLY-CLARK CORP	COM	494368103	7,744	57,048	SH SOLE	0	57,048
KIMBELL TIGER ACQUISITION CO	COM CL A	49436K106	1,029	100,000	SH SOLE	0	100,000
KIMBELL TIGER ACQUISITION CO	*W EXP 09/15/202	49436K114	8	50,000	SH SOLE	0	50,000
KIMCO RLTY CORP	COM	49446R109	2,214	104,541	SH SOLE	0	104,541
KINDER MORGAN INC DEL	COM	49456B101	51,320	2,838,480	SH SOLE	0	2,838,480
KINSALE CAP GROUP INC	COM	49714P108	2,535	9,694	SH SOLE	0	9,694
KIRBY CORP	COM	497266106	1,734	26,945	SH SOLE	0	26,945
KITE RLTY GROUP TR	COM NEW	49803T300	2,075	98,564	SH SOLE	0	98,564
KNIGHT-SWIFT TRANSN HLDGS IN	CL A	499049104	3,789	72,291	SH SOLE	0	72,291
KNIGHTSWAN ACQUISITION CORP	CL A COM	499103109	362	33,846	SH SOLE	0	33,846
KNOWLES CORP	COM	49926D109	1,598	97,333	SH SOLE	0	97,333
KOHL'S CORP	COM	500255104	1,325	52,471	SH SOLE	0	52,471
KONTOOR BRANDS INC	COM	50050N103	2,113	52,831	SH SOLE	0	52,831
KOPPERS HOLDINGS INC	COM	50060P106	631	22,366	SH SOLE	0	22,366
KORN FERRY	COM NEW	500643200	2,892	57,129	SH SOLE	0	57,129
KRAFT HEINZ CO	COM	500754106	5,479	134,586	SH SOLE	0	134,586
KROGER CO	COM	501044101	4,909	110,106	SH SOLE	0	110,106
KULICKE & SOFFA INDS INC	COM	501242101	2,751	62,146	SH SOLE	0	62,146
KYNDRYL HLDGS INC	COMMON STOCK	50155Q100	1,021	91,821	SH SOLE	0	91,821
LHC GROUP INC	COM	50187A107	2,257	13,958	SH SOLE	0	13,958
LGI HOMES INC	COM	50187T106	2,031	21,934	SH SOLE	0	21,934
LKQ CORP	COM	501889208	2,292	42,904	SH SOLE	0	42,904
LCI INDS	COM	50189K103	2,516	27,216	SH SOLE	0	27,216
LF CAPITAL ACQUISITION CORP	CLASS A COM	50202D102	513	50,000	SH SOLE	0	50,000
LTC PPTYS INC	COM	502175102	1,540	43,349	SH SOLE	0	43,349
L3HARRIS TECHNOLOGIES INC	COM	502431109	6,701	32,185	SH SOLE	0	32,185

LA Z BOY INC	COM	505336107	1,051	46,058	SH SOLE	0	46,058
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	3,527	14,976	SH SOLE	0	14,976
LAKELAND FINL CORP	COM	511656100	1,980	27,130	SH SOLE	0	27,130
LAM RESEARCH CORP	COM	512807108	9,689	23,053	SH SOLE	0	23,053
LAMAR ADVERTISING CO NEW	CL A	512816109	3,706	39,256	SH SOLE	0	39,256
LAMB WESTON HLDGS INC	COM	513272104	2,173	24,312	SH SOLE	0	24,312
LANCASTER COLONY CORP	COM	513847103	1,761	8,924	SH SOLE	0	8,924
LANDSTAR SYS INC	COM	515098101	2,633	16,161	SH SOLE	0	16,161
LANTHEUS HLDGS INC	COM	516544103	1,578	30,965	SH SOLE	0	30,965
LAREDO PETROLEUM INC	COM	516806205	925	17,995	SH SOLE	0	17,995
LAS VEGAS SANDS CORP	COM	517834107	2,670	55,543	SH SOLE	0	55,543
LATTICE SEMICONDUCTOR CORP	COM	518415104	4,000	61,657	SH SOLE	0	61,657
LAUDER ESTEE COS INC	CL A	518439104	9,699	39,093	SH SOLE	0	39,093
LEAR CORP	COM NEW	521865204	3,298	26,589	SH SOLE	0	26,589
LEGGETT & PLATT INC	COM	524660107	1,922	59,641	SH SOLE	0	59,641
LEIDOS HOLDINGS INC	COM	525327102	2,430	23,105	SH SOLE	0	23,105
LEMAITRE VASCULAR INC	COM	525558201	954	20,721	SH SOLE	0	20,721
LENDINGTREE INC NEW	COM	52603B107	248	11,631	SH SOLE	0	11,631
LENNAR CORP	CL A	526057104	3,897	43,064	SH SOLE	0	43,064
LENNOX INTL INC	COM	526107107	3,471	14,508	SH SOLE	0	14,508
LESLIES INC	COM	527064109	1,937	158,664	SH SOLE	0	158,664
LXP INDUSTRIAL TRUST	COM	529043101	2,957	295,086	SH SOLE	0	295,086
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	1,147	17,176	SH SOLE	0	17,176
LIGAND PHARMACEUTICALS INC	NOTE 0.750% 5/1	53220KAF5	192	197,000	SH SOLE	0	197,000
LIFE STORAGE INC	COM	53223X107	3,766	38,236	SH SOLE	0	38,236
LILLY ELI & CO	COM	532457108	48,769	133,308	SH SOLE	0	133,308
LINCOLN ELEC HLDGS INC	COM	533900106	3,753	25,974	SH SOLE	0	25,974
LINCOLN NATL CORP IND	COM	534187109	800	26,029	SH SOLE	0	26,029
LINDSAY CORP	COM	535555106	1,914	11,751	SH SOLE	0	11,751
LIQUIDITY SVCS INC	COM	53635B107	407	28,943	SH SOLE	0	28,943
LITHIA MTRS INC	COM	536797103	2,518	12,298	SH SOLE	0	12,298
LITTELFUSE INC	COM	537008104	2,452	11,137	SH SOLE	0	11,137
LIVE NATION ENTERTAINMENT IN	COM	538034109	1,684	24,145	SH SOLE	0	24,145
LIVE OAK CRESTVIEW CLIMATE A	CL A COM	538086109	498	50,000	SH SOLE	0	50,000
LIVEPERSON INC	COM	538146101	760	74,975	SH SOLE	0	74,975
LIVENT CORP	COM	53814L108	3,814	191,971	SH SOLE	0	191,971
LIVERAMP HLDGS INC	COM	53815P108	1,668	71,144	SH SOLE	0	71,144
LOCKHEED MARTIN CORP	COM	539830109	19,180	39,426	SH SOLE	0	39,426
LOEWS CORP	COM	540424108	1,943	33,311	SH SOLE	0	33,311
LOGISTICS INNOVTN TECHNLS C	CLASS A COM	54141L100	498	50,000	SH SOLE	0	50,000
LOUISIANA PAC CORP	COM	546347105	1,909	32,253	SH SOLE	0	32,253
LOWES COS INC	COM	548661107	20,904	104,920	SH SOLE	0	104,920
LUMEN TECHNOLOGIES INC	COM	550241103	840	160,889	SH SOLE	0	160,889
LUMENTUM HLDGS INC	COM	55024U109	1,601	30,680	SH SOLE	0	30,680
M & T BK CORP	COM	55261F104	4,232	29,176	SH SOLE	0	29,176
M D C HLDGS INC	COM	552676108	1,928	61,015	SH SOLE	0	61,015
MDU RES GROUP INC	COM	552690109	2,775	91,479	SH SOLE	0	91,479
MGE ENERGY INC	COM	55277P104	4,056	57,609	SH SOLE	0	57,609
MGIC INVT CORP WIS	COM	552848103	1,737	133,619	SH SOLE	0	133,619
MGM RESORTS INTERNATIONAL	COM	552953101	1,806	53,877	SH SOLE	0	53,877
MGP INGREDIENTS INC NEW	COM	55303J106	1,753	16,477	SH SOLE	0	16,477
M/I HOMES INC	COM	55305B101	1,356	29,355	SH SOLE	0	29,355
MKS INSTRS INC	COM	55306N104	2,180	25,730	SH SOLE	0	25,730
MP MATERIALS CORP	COM CL A	553368101	1,008	41,532	SH SOLE	0	41,532
MSA SAFETY INC	COM	553498106	2,390	16,576	SH SOLE	0	16,576
MSC INDL DIRECT INC	CL A	553530106	1,735	21,242	SH SOLE	0	21,242
MSCI INC	COM	55354G100	6,287	13,516	SH SOLE	0	13,516
MYR GROUP INC DEL	COM	55405W104	1,636	17,767	SH SOLE	0	17,767
MACOM TECH SOLUTIONS HLDGS I	COM	55405Y100	1,448	22,987	SH SOLE	0	22,987
M3 BRIGADE ACQUISITION III	CL A COM	55407R103	760	74,998	SH SOLE	0	74,998
MACERICH CO	COM	554382101	1,088	96,623	SH SOLE	0	96,623
VERIS RESIDENTIAL INC	COM	554489104	1,351	84,808	SH SOLE	0	84,808
MACYS INC	COM	55616P104	2,517	121,908	SH SOLE	0	121,908
MADDEN STEVEN LTD	COM	556269108	2,504	78,351	SH SOLE	0	78,351
MANHATTAN ASSOCIATES INC	COM	562750109	3,408	28,070	SH SOLE	0	28,070
MANPOWERGROUP INC WIS	COM	56418H100	1,893	22,744	SH SOLE	0	22,744
MARATHON OIL CORP	COM	565849106	2,906	107,348	SH SOLE	0	107,348

MARATHON PETE CORP	COM	56585A102	9,220	79,220	SH SOLE	0	79,220
MARCUS & MILLICHAP INC	COM	566324109	914	26,542	SH SOLE	0	26,542
MARCUS CORP DEL	COM	566330106	376	26,110	SH SOLE	0	26,110
MARINEMAX INC	COM	567908108	719	23,046	SH SOLE	0	23,046
MARKETAXESS HLDGS INC	COM	57060D108	1,774	6,362	SH SOLE	0	6,362
MARRIOTT VACATIONS WORLDWIDE	COM	57164Y107	2,320	17,239	SH SOLE	0	17,239
MARSH & MCLENNAN COS INC	COM	571748102	13,874	83,843	SH SOLE	0	83,843
MARRIOTT INTL INC NEW	CL A	571903202	6,771	45,479	SH SOLE	0	45,479
MARTEN TRANS LTD	COM	573075108	1,219	61,622	SH SOLE	0	61,622
MARTIN MARIETTA MATLS INC	COM	573284106	3,547	10,495	SH SOLE	0	10,495
MASCO CORP	COM	574599106	1,779	38,122	SH SOLE	0	38,122
MASIMO CORP	COM	574795100	3,219	21,755	SH SOLE	0	21,755
MASON INDUSTRIAL TECHNOLOGY I	COM CL A	57520Y106	500	49,998	SH SOLE	0	49,998
MASTEC INC	COM	576323109	2,263	26,525	SH SOLE	0	26,525
MASTERCARD INCORPORATED	CL A	57636Q104	49,896	143,490	SH SOLE	0	143,490
MASTERBRAND INC	COMMON STOCK	57638P104	1,045	138,398	SH SOLE	0	138,398
MATADOR RES CO	COM	576485205	2,891	50,498	SH SOLE	0	50,498
MATCH GROUP INC NEW	COM	57667L107	1,959	47,212	SH SOLE	0	47,212
MATERION CORP	COM	576690101	1,923	21,970	SH SOLE	0	21,970
MATSON INC	COM	57686G105	2,528	40,434	SH SOLE	0	40,434
MATTEL INC	COM	577081102	2,844	159,431	SH SOLE	0	159,431
MATTHEWS INTL CORP	CL A	577128101	997	32,755	SH SOLE	0	32,755
MAXLINEAR INC	COM	57776J100	2,626	77,357	SH SOLE	0	77,357
MAXIMUS INC	COM	577933104	1,997	27,239	SH SOLE	0	27,239
MCCORMICK & CO INC	COM NON VTG	579780206	3,511	42,360	SH SOLE	0	42,360
MCDONALDS CORP	COM	580135101	32,626	123,805	SH SOLE	0	123,805
MCKESSON CORP	COM	58155Q103	8,991	23,968	SH SOLE	0	23,968
MCLAREN TECHNOLOGY ACQ CORP	CLASS A COM	58176U109	511	50,000	SH SOLE	0	50,000
MEDICAL PPTYS TRUST INC	COM	58463J304	2,997	269,016	SH SOLE	0	269,016
MEDIFAST INC	COM	58470H101	1,349	11,694	SH SOLE	0	11,694
PEDIATRIX MEDICAL GROUP INC	COM	58502B106	1,303	87,679	SH SOLE	0	87,679
MEDPACE HLDGS INC	COM	58506Q109	2,407	11,332	SH SOLE	0	11,332
MERCADOLIBRE INC	COM	58733R102	52,746	62,330	SH SOLE	0	62,330
MERCATO PARTNERS ACQUISITION	CLASS A COM	58759A108	326	31,846	SH SOLE	0	31,846
MERCER INTL INC	COM	588056101	503	43,196	SH SOLE	0	43,196
MERCK & CO INC	COM	58933Y105	47,550	428,568	SH SOLE	0	428,568
MERCURY SYS INC	COM	589378108	1,167	26,084	SH SOLE	0	26,084
MERCURY ECOM ACQUISITION COR	*W EXP 07/27/202	589381110	1	25,000	SH SOLE	0	25,000
MERCURY GENL CORP NEW	COM	589400100	973	28,445	SH SOLE	0	28,445
MERIDIAN BIOSCIENCE INC	COM	589584101	1,555	46,820	SH SOLE	0	46,820
MERIT MED SYS INC	COM	589889104	4,302	60,916	SH SOLE	0	60,916
MERITAGE HOMES CORP	COM	59001A102	3,609	39,139	SH SOLE	0	39,139
MESA LABS INC	COM	59064R109	892	5,369	SH SOLE	0	5,369
PATHWARD FINANCIAL INC	COM	59100U108	1,326	30,810	SH SOLE	0	30,810
METHODE ELECTRS INC	COM	591520200	1,737	39,142	SH SOLE	0	39,142
METLIFE INC	COM	59156R108	8,062	111,405	SH SOLE	0	111,405
METTLER TOLEDO INTERNATIONAL	COM	592688105	5,446	3,768	SH SOLE	0	3,768
MICROSOFT CORP	COM	594918104	302,188	1,260,060	SH SOLE	0	1,260,060
MICROCHIP TECHNOLOGY INC.	COM	595017104	6,531	92,970	SH SOLE	0	92,970
MICRON TECHNOLOGY INC	COM	595112103	9,185	183,769	SH SOLE	0	183,769
MID-AMER APT CMNTYS INC	COM	59522J103	3,064	19,520	SH SOLE	0	19,520
MIDDLEBY CORP	COM	596278101	3,246	24,240	SH SOLE	0	24,240
MIDDLESEX WTR CO	COM	596680108	1,485	18,878	SH SOLE	0	18,878
MILLERKNOLL INC	COM	600544100	1,699	80,863	SH SOLE	0	80,863
MINERALS TECHNOLOGIES INC	COM	603158106	2,109	34,729	SH SOLE	0	34,729
MISTER CAR WASH INC	COM	60646V105	782	84,764	SH SOLE	0	84,764
MODERNA INC	COM	60770K107	10,031	55,848	SH SOLE	0	55,848
MODIVCARE INC	COM	60783X104	1,222	13,618	SH SOLE	0	13,618
MOHAWK INDS INC	COM	608190104	911	8,914	SH SOLE	0	8,914
MOLINA HEALTHCARE INC	COM	60855R100	3,260	9,872	SH SOLE	0	9,872
MOLSON COORS BEVERAGE CO	CL B	60871R209	1,637	31,778	SH SOLE	0	31,778
MONARCH CASINO & RESORT INC	COM	609027107	1,092	14,206	SH SOLE	0	14,206
MONDELEZ INTL INC	CL A	609207105	15,385	230,836	SH SOLE	0	230,836
MONOLITHIC PWR SYS INC	COM	609839105	2,666	7,538	SH SOLE	0	7,538
MONRO INC	COM	610236101	1,522	33,664	SH SOLE	0	33,664
MONSTER BEVERAGE CORP NEW	COM	61174X109	6,537	64,381	SH SOLE	0	64,381
MOODYS CORP	COM	615369105	7,420	26,632	SH SOLE	0	26,632

MOOG INC	CL A	615394202	2,720	30,995	SH SOLE	0	30,995
MORGAN STANLEY	COM NEW	617446448	18,945	222,835	SH SOLE	0	222,835
MOSAIC CO NEW	COM	61945C103	2,525	57,553	SH SOLE	0	57,553
MOTORCAR PTS AMER INC	COM	620071100	247	20,786	SH SOLE	0	20,786
MOTOROLA SOLUTIONS INC	COM NEW	620076307	7,284	28,263	SH SOLE	0	28,263
MOVADO GROUP INC	COM	624580106	548	17,005	SH SOLE	0	17,005
MUELLER INDS INC	COM	624756102	3,591	60,858	SH SOLE	0	60,858
MR COOPER GROUP INC	COM	62482R107	3,031	75,520	SH SOLE	0	75,520
MURPHY OIL CORP	COM	626717102	2,827	65,737	SH SOLE	0	65,737
MURPHY USA INC	COM	626755102	2,614	9,351	SH SOLE	0	9,351
MYERS INDS INC	COM	628464109	868	39,060	SH SOLE	0	39,060
MYRIAD GENETICS INC	COM	62855J104	1,258	86,725	SH SOLE	0	86,725
NBT BANCORP INC	COM	628778102	1,991	45,848	SH SOLE	0	45,848
NCR CORP NEW	COM	62886E108	1,447	61,811	SH SOLE	0	61,811
NMI HLDGS INC	CL A	629209305	1,870	89,450	SH SOLE	0	89,450
NRG ENERGY INC	COM NEW	629377508	1,239	38,943	SH SOLE	0	38,943
NVR INC	COM	62944T105	2,343	508	SH SOLE	0	508
NV5 GLOBAL INC	COM	62945V109	1,763	13,322	SH SOLE	0	13,322
NOV INC	COM	62955J103	3,691	176,707	SH SOLE	0	176,707
NABORS ENERGY TRANSITION COR	CL A COM	629567108	411	40,000	SH SOLE	0	40,000
NABORS ENERGY TRANSITION COR	*W EXP 11/17/20	629567116	1	20,000	SH SOLE	0	20,000
NASDAQ INC	COM	631103108	3,515	57,300	SH SOLE	0	57,300
NATIONAL BK HLDGS CORP	CL A	633707104	1,697	40,338	SH SOLE	0	40,338
NATIONAL BEVERAGE CORP	COM	635017106	1,162	24,973	SH SOLE	0	24,973
NATIONAL FUEL GAS CO	COM	636180101	2,605	41,152	SH SOLE	0	41,152
NATIONAL INSTRS CORP	COM	636518102	2,167	58,738	SH SOLE	0	58,738
NATIONAL PRESTO INDS INC	COM	637215104	372	5,438	SH SOLE	0	5,438
NATIONAL RETAIL PROPERTIES I	COM	637417106	3,679	80,405	SH SOLE	0	80,405
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	1,373	38,015	SH SOLE	0	38,015
NATIONAL VISION HLDGS INC	COM	63845R107	3,273	84,454	SH SOLE	0	84,454
NAVIENT CORPORATION	COM	63938C108	783	47,586	SH SOLE	0	47,586
NEKTAR THERAPEUTICS	COM	640268108	455	201,153	SH SOLE	0	201,153
NEOGEN CORP	COM	640491106	1,481	97,218	SH SOLE	0	97,218
NEOGENOMICS INC	COM NEW	64049M209	1,249	135,173	SH SOLE	0	135,173
NETAPP INC	COM	64110D104	2,207	36,742	SH SOLE	0	36,742
NETFLIX INC	COM	64110L106	22,182	75,224	SH SOLE	0	75,224
NETEASE INC	SPONSORED ADS	64110W102	4,503	62,000	SH SOLE	0	62,000
NETGEAR INC	COM	64111Q104	560	30,928	SH SOLE	0	30,928
NETSCOUT SYS INC	COM	64115T104	2,388	73,454	SH SOLE	0	73,454
NEUROCRINE BIOSCIENCES INC	COM	64125C109	5,165	43,247	SH SOLE	0	43,247
NEW JERSEY RES CORP	COM	646025106	2,148	43,289	SH SOLE	0	43,289
NEW MTN FIN CORP	NOTE 5.750% 8/1	647551AC4	5,348	5,392,000	SH SOLE	0	5,392,000
NEW PROVIDENCE ACQSITN CORP	CLASS A COM	64823D102	509	50,000	SH SOLE	0	50,000
NEW YORK CMNTY BANCORP INC	COM	649445103	2,632	306,034	SH SOLE	0	306,034
NEW YORK MTG TR INC	COM PAR \$.02	649604501	1,017	397,121	SH SOLE	0	397,121
NEW YORK TIMES CO	CL A	650111107	2,404	74,063	SH SOLE	0	74,063
NEWELL BRANDS INC	COM	651229106	832	63,620	SH SOLE	0	63,620
NEWMARKET CORP	COM	651587107	953	3,064	SH SOLE	0	3,064
NEWMONT CORP	COM	651639106	6,333	134,169	SH SOLE	0	134,169
NEWS CORP NEW	CL A	65249B109	1,176	64,630	SH SOLE	0	64,630
NEWS CORP NEW	CL B	65249B208	367	19,929	SH SOLE	0	19,929
NEXSTAR MEDIA GROUP INC	COMMON STOCK	65336K103	2,969	16,963	SH SOLE	0	16,963
NEXTERA ENERGY INC	COM	65339F101	196,891	2,355,160	SH SOLE	0	2,355,160
NEXPOINT RESIDENTIAL TR INC	COM	65341D102	1,059	24,335	SH SOLE	0	24,335
NEXTGEN HEALTHCARE INC	COM	65343C102	1,101	58,606	SH SOLE	0	58,606
NIKE INC	CL B	654106103	24,915	212,930	SH SOLE	0	212,930
NISOURCE INC	COM	65473P105	19,608	715,112	SH SOLE	0	715,112
NORDSON CORP	COM	655663102	2,161	9,090	SH SOLE	0	9,090
NORDSTROM INC	COM	655664100	809	50,111	SH SOLE	0	50,111
NORFOLK SOUTHN CORP	COM	655844108	44,811	181,850	SH SOLE	0	181,850
NORTHERN GENESIS ACQU CORP I	COM	66516W107	1,506	150,000	SH SOLE	0	150,000
NORTHERN GENESIS ACQU CORP I	*W EXP 12/31/202	66516W115	3	37,500	SH SOLE	0	37,500
NORTHERN STAR INVEST CORP II	COM CL A	66574L100	502	49,998	SH SOLE	0	49,998
NORTHERN STAR INVEST CORP IV	COM CL A	66575B101	502	49,998	SH SOLE	0	49,998
NORTHERN TR CORP	COM	665859104	3,117	35,229	SH SOLE	0	35,229
NORTHFIELD BANCORP INC DEL	COM	66611T108	708	44,991	SH SOLE	0	44,991
NORTHROP GRUMMAN CORP	COM	666807102	13,343	24,455	SH SOLE	0	24,455

NORTHWEST BANCSHARES INC MD	COM	667340103	1,900	135,906	SH SOLE	0	135,906
NORTHWEST NAT HLDG CO	COM	66765N105	4,399	92,431	SH SOLE	0	92,431
NORTHWESTERN CORP	COM NEW	668074305	6,989	117,772	SH SOLE	0	117,772
GEN DIGITAL INC	COM	668771108	2,100	97,991	SH SOLE	0	97,991
NOVANTA INC	COM	67000B104	2,181	16,055	SH SOLE	0	16,055
NOW INC	COM	67011P100	1,501	118,196	SH SOLE	0	118,196
NU SKIN ENTERPRISES INC	CL A	67018T105	2,230	52,891	SH SOLE	0	52,891
NUCOR CORP	COM	670346105	5,716	43,365	SH SOLE	0	43,365
NVIDIA CORPORATION	COM	67066G104	61,510	420,895	SH SOLE	0	420,895
NUVASIVE INC	COM	670704105	2,301	55,795	SH SOLE	0	55,795
OGE ENERGY CORP	COM	670837103	16,134	407,950	SH SOLE	0	407,950
O-I GLASS INC	COM	67098H104	2,751	166,033	SH SOLE	0	166,033
O'REILLY AUTOMOTIVE INC	COM	67103H107	8,927	10,577	SH SOLE	0	10,577
OFG BANCORP	COM	67103X102	1,403	50,903	SH SOLE	0	50,903
OSI SYSTEMS INC	COM	671044105	1,334	16,776	SH SOLE	0	16,776
OCCIDENTAL PETE CORP	COM	674599105	7,742	122,910	SH SOLE	0	122,910
OCEANEERING INTL INC	COM	675232102	1,877	107,301	SH SOLE	0	107,301
OFFICE PPTYS INCOME TR	COM SHS BEN INT	67623C109	694	51,977	SH SOLE	0	51,977
OIL STS INTL INC	COM	678026105	510	68,390	SH SOLE	0	68,390
OLD DOMINION FREIGHT LINE IN	COM	679580100	4,346	15,314	SH SOLE	0	15,314
OLD NATL BANCORP IND	COM	680033107	2,369	131,759	SH SOLE	0	131,759
OLD REP INTL CORP	COM	680223104	3,075	127,311	SH SOLE	0	127,311
OLIN CORP	COM PAR \$1	680665205	3,033	57,300	SH SOLE	0	57,300
OLLIES BARGAIN OUTLET HLDGS	COM	681116109	1,227	26,186	SH SOLE	0	26,186
OLYMPIC STEEL INC	COM	68162K106	344	10,244	SH SOLE	0	10,244
OMNICOM GROUP INC	COM	681919106	2,812	34,469	SH SOLE	0	34,469
OMEGA HEALTHCARE INVS INC	COM	681936100	2,945	105,349	SH SOLE	0	105,349
OMNICELL COM	COM	68213N109	1,013	20,086	SH SOLE	0	20,086
ON SEMICONDUCTOR CORP	COM	682189105	4,559	73,094	SH SOLE	0	73,094
ONE GAS INC	COM	68235P108	8,288	109,454	SH SOLE	0	109,454
ONEOK INC NEW	COM	682680103	41,760	635,617	SH SOLE	0	635,617
ONESPAN INC	COM	68287N100	423	37,778	SH SOLE	0	37,778
ONTO INNOVATION INC	COM	683344105	3,608	52,994	SH SOLE	0	52,994
ORACLE CORP	COM	68389X105	21,234	259,774	SH SOLE	0	259,774
OPTIMIZERX CORP	COM NEW	68401U204	308	18,358	SH SOLE	0	18,358
OPTION CARE HEALTH INC	COM NEW	68404L201	2,093	69,555	SH SOLE	0	69,555
ORASURE TECHNOLOGIES INC	COM	68554V108	375	77,722	SH SOLE	0	77,722
ORGANOGENESIS HLDGS INC	COM	68621F102	204	75,659	SH SOLE	0	75,659
ORGANON & CO	COMMON STOCK	68622V106	1,201	42,996	SH SOLE	0	42,996
ORION OFFICE REIT INC	COM	68629Y103	518	60,612	SH SOLE	0	60,612
ORMAT TECHNOLOGIES INC	COM	686688102	1,897	21,936	SH SOLE	0	21,936
ORTHOPIX MED INC	COM	68752M108	440	21,413	SH SOLE	0	21,413
OSHKOSH CORP	COM	688239201	2,594	29,418	SH SOLE	0	29,418
OTIS WORLDWIDE CORP	COM	68902V107	5,514	70,417	SH SOLE	0	70,417
OUTFRONT MEDIA INC	COM	69007J106	2,592	156,357	SH SOLE	0	156,357
OWENS & MINOR INC NEW	COM	690732102	1,593	81,588	SH SOLE	0	81,588
OWENS CORNING NEW	COM	690742101	3,586	42,042	SH SOLE	0	42,042
OXFORD INDS INC	COM	691497309	1,492	16,012	SH SOLE	0	16,012
PBF ENERGY INC	CL A	69318G106	2,097	51,416	SH SOLE	0	51,416
PC CONNECTION INC	COM	69318J100	567	12,098	SH SOLE	0	12,098
PDC ENERGY INC	COM	69327R101	2,631	41,452	SH SOLE	0	41,452
PDF SOLUTIONS INC	COM	693282105	901	31,607	SH SOLE	0	31,607
PG&E CORP	COM	69331C108	47,040	2,893,001	SH SOLE	0	2,893,001
PGT INNOVATIONS INC	COM	69336V101	1,153	64,211	SH SOLE	0	64,211
PNC FINL SVCS GROUP INC	COM	693475105	10,768	68,175	SH SOLE	0	68,175
PNM RES INC	COM	69349H107	8,482	173,852	SH SOLE	0	173,852
PPG INDS INC	COM	693506107	4,995	39,728	SH SOLE	0	39,728
PPL CORP	COM	69351T106	37,927	1,297,974	SH SOLE	0	1,297,974
PRA GROUP INC	COM	69354N106	1,409	41,714	SH SOLE	0	41,714
PVH CORPORATION	COM	693656100	2,071	29,340	SH SOLE	0	29,340
PTC INC	COM	69370C100	2,145	17,870	SH SOLE	0	17,870
PACCAR INC	COM	693718108	5,818	58,785	SH SOLE	0	58,785
PACIFIC PREMIER BANCORP	COM	69478X105	3,209	101,684	SH SOLE	0	101,684
PACIRA BIOSCIENCES INC	COM	695127100	1,896	49,104	SH SOLE	0	49,104
PACKAGING CORP AMER	COM	695156109	2,001	15,641	SH SOLE	0	15,641
PACWEST BANCORP DEL	COM	695263103	1,216	52,997	SH SOLE	0	52,997
PALOMAR HLDGS INC	COM	69753M105	1,220	27,005	SH SOLE	0	27,005

PAPA JOHNS INTL INC	COM	698813102	1,190	14,462	SH SOLE	0	14,462
PAPAYA GRWT OPPORTUNITY CORP	CLASS A COM	69882P102	256	25,000	SH SOLE	0	25,000
PAR PAC HOLDINGS INC	COM NEW	69888T207	1,381	59,390	SH SOLE	0	59,390
PARK AEROSPACE CORP	COM	70014A104	279	20,813	SH SOLE	0	20,813
PARK HOTELS & RESORTS INC	COM	700517105	1,193	101,148	SH SOLE	0	101,148
PARK NATL CORP	COM	700658107	2,180	15,491	SH SOLE	0	15,491
PARKER-HANNIFIN CORP	COM	701094104	6,316	21,705	SH SOLE	0	21,705
PATRICK INDS INC	COM	703343103	1,396	23,043	SH SOLE	0	23,043
PATRICK INDS INC	DBCV 1.000% 2/0	703343AB9	4,111	4,150,000	SH SOLE	0	4,150,000
PATTERSON COS INC	COM	703395103	1,092	38,970	SH SOLE	0	38,970
PATTERSON-UTI ENERGY INC	COM	703481101	3,908	232,048	SH SOLE	0	232,048
PAYCHEX INC	COM	704326107	6,266	54,219	SH SOLE	0	54,219
PAYCOM SOFTWARE INC	COM	70432V102	2,550	8,216	SH SOLE	0	8,216
PAYLOCITY HLDG CORP	COM	70438V106	3,600	18,534	SH SOLE	0	18,534
PAYPAL HLDGS INC	COM	70450Y103	13,724	192,704	SH SOLE	0	192,704
PAYONEER GLOBAL INC	COM	70451X104	1,169	213,628	SH SOLE	0	213,628
PEBBLEBROOK HOTEL TR	COM	70509V100	792	59,144	SH SOLE	0	59,144
PENN ENTERTAINMENT INC	COM	707569109	2,072	69,781	SH SOLE	0	69,781
RANGER OIL CORPORATION	CLASS A COM	70788V102	827	20,464	SH SOLE	0	20,464
PENNANT GROUP INC	COM	70805E109	331	30,173	SH SOLE	0	30,173
PENNYMAC MTG INVT TR	COM	70931T103	1,179	95,173	SH SOLE	0	95,173
PENUMBRA INC	COM	70975L107	3,801	17,085	SH SOLE	0	17,085
PEPSICO INC	COM	713448108	42,072	232,880	SH SOLE	0	232,880
PERDOCEO ED CORP	COM	71363P106	999	71,887	SH SOLE	0	71,887
PERFICIENT INC	COM	71375U101	2,588	37,060	SH SOLE	0	37,060
PERFORMANCE FOOD GROUP CO	COM	71377A103	4,089	70,031	SH SOLE	0	70,031
PERKINELMER INC	COM	714046109	2,992	21,336	SH SOLE	0	21,336
PETMED EXPRESS INC	COM	716382106	399	22,556	SH SOLE	0	22,556
PFIZER INC	COM	717081103	48,619	948,841	SH SOLE	0	948,841
PHIBRO ANIMAL HEALTH CORP	CL A COM	71742Q106	292	21,766	SH SOLE	0	21,766
PHILIP MORRIS INTL INC	COM	718172109	26,521	262,037	SH SOLE	0	262,037
PHILLIPS 66	COM	718546104	8,315	79,891	SH SOLE	0	79,891
PHOTRONICS INC	COM	719405102	1,111	66,021	SH SOLE	0	66,021
PHYSICIANS RLTY TR	COM	71943U104	1,486	102,685	SH SOLE	0	102,685
PILGRIMS PRIDE CORP	COM	72147K108	480	20,212	SH SOLE	0	20,212
PINNACLE FINL PARTNERS INC	COM	72346Q104	2,525	34,394	SH SOLE	0	34,394
PINNACLE WEST CAP CORP	COM	723484101	15,120	198,841	SH SOLE	0	198,841
PIONEER NAT RES CO	COM	723787107	9,173	40,162	SH SOLE	0	40,162
PIPER SANDLER COMPANIES	COM	724078100	1,969	15,124	SH SOLE	0	15,124
PITNEY BOWES INC	COM	724479100	658	173,188	SH SOLE	0	173,188
PLEXUS CORP	COM	729132100	3,049	29,623	SH SOLE	0	29,623
POLARIS INC	COM	731068102	2,475	24,509	SH SOLE	0	24,509
POOL CORP	COM	73278L105	1,996	6,601	SH SOLE	0	6,601
PORTLAND GEN ELEC CO	COM NEW	736508847	8,906	181,761	SH SOLE	0	181,761
POST HLDGS INC	COM	737446104	2,208	24,463	SH SOLE	0	24,463
POST HOLDINGS PARTNERING COR	COM SER A	737465104	505	50,897	SH SOLE	0	50,897
POTLATCHDELTIC CORPORATION	COM	737630103	1,599	36,338	SH SOLE	0	36,338
POWELL INDS INC	COM	739128106	342	9,709	SH SOLE	0	9,709
POWER & DIGITAL INFRASTRUCTU	CLASS A COM	73919C100	504	50,000	SH SOLE	0	50,000
POWER & DIGITAL INFRASTRUCTU	*W EXP 12/09/202	73919C118	2	25,000	SH SOLE	0	25,000
POWER INTEGRATIONS INC	COM	739276103	1,845	25,731	SH SOLE	0	25,731
PREFERRED BK LOS ANGELES CA	COM NEW	740367404	1,055	14,136	SH SOLE	0	14,136
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	3,318	53,004	SH SOLE	0	53,004
PRICE T ROWE GROUP INC	COM	74144T108	4,120	37,773	SH SOLE	0	37,773
PRICESMART INC	COM	741511109	1,628	26,791	SH SOLE	0	26,791
PRIMERICA INC	COM	74164M108	2,354	16,599	SH SOLE	0	16,599
PRINCIPAL FINANCIAL GROUP IN	COM	74251V102	3,228	38,465	SH SOLE	0	38,465
PROASSURANCE CORP	COM	74267C106	1,009	57,754	SH SOLE	0	57,754
PROCTER AND GAMBLE CO	COM	742718109	60,709	400,560	SH SOLE	0	400,560
PRIVETERA ACQUISITION CORP	CL A	74275N102	503	50,000	SH SOLE	0	50,000
PROFESSIONAL HLDG CORP	CL A COM	743139107	507	18,280	SH SOLE	0	18,280
PROG HOLDINGS INC	COM NPV	74319R101	904	53,547	SH SOLE	0	53,547
PROGRESS SOFTWARE CORP	COM	743312100	2,322	46,018	SH SOLE	0	46,018
PROGRESSIVE CORP	COM	743315103	12,828	98,897	SH SOLE	0	98,897
PROGYNY INC	COM	74340E103	1,054	33,845	SH SOLE	0	33,845
PROLOGIS INC.	COM	74340W103	17,589	156,031	SH SOLE	0	156,031
PROPETRO HLDG CORP	COM	74347M108	1,068	102,983	SH SOLE	0	102,983

PROOF ACQUISITION CORP I	CL A COM	74349W104	416	40,811	SH SOLE	0	40,811
PROOF ACQUISITION CORP I	*W EXP 99/99/999	74349W112	0	10,000	SH SOLE	0	10,000
PROSPERITY BANCSHARES INC	COM	743606105	2,985	41,076	SH SOLE	0	41,076
PROTO LABS INC	COM	743713109	741	29,021	SH SOLE	0	29,021
PROVIDENT FINL SVCS INC	COM	74386T105	1,721	80,561	SH SOLE	0	80,561
PRUDENTIAL FINL INC	COM	744320102	6,187	62,205	SH SOLE	0	62,205
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	53,751	877,274	SH SOLE	0	877,274
PUBLIC STORAGE	COM	74460D109	7,487	26,720	SH SOLE	0	26,720
PULTE GROUP INC	COM	745867101	1,753	38,509	SH SOLE	0	38,509
QUAKER HOUGHTON	COM	747316107	2,434	14,585	SH SOLE	0	14,585
QORVO INC	COM	74736K101	1,553	17,138	SH SOLE	0	17,138
QUALCOMM INC	COM	747525103	20,832	189,487	SH SOLE	0	189,487
QUALYS INC	COM	74758T303	1,745	15,551	SH SOLE	0	15,551
QUANEX BLDG PRODS CORP	COM	747619104	840	35,455	SH SOLE	0	35,455
QUANTA SVCS INC	COM	74762E102	3,442	24,155	SH SOLE	0	24,155
QUDIAN INC	ADR	747798106	147	154,507	SH SOLE	0	154,507
QUEST DIAGNOSTICS INC	COM	74834L100	3,012	19,251	SH SOLE	0	19,251
QUINSTREET INC	COM	74874Q100	774	53,962	SH SOLE	0	53,962
RLI CORP	COM	749607107	2,385	18,168	SH SOLE	0	18,168
RPC INC	COM	749660106	792	89,053	SH SOLE	0	89,053
RH	COM	74967X103	2,310	8,645	SH SOLE	0	8,645
RPM INTL INC	COM	749685103	5,660	58,076	SH SOLE	0	58,076
RPT REALTY	SH BEN INT	74971D101	916	91,236	SH SOLE	0	91,236
RXO INC	COMMON STOCK	74982T103	891	51,785	SH SOLE	0	51,785
RADNET INC	COM	750491102	983	52,181	SH SOLE	0	52,181
RAMBUS INC DEL	COM	750917106	4,120	115,030	SH SOLE	0	115,030
RALPH LAUREN CORP	CL A	751212101	734	6,946	SH SOLE	0	6,946
RANGE RES CORP	COM	75281A109	2,720	108,702	SH SOLE	0	108,702
RAYMOND JAMES FINL INC	COM	754730109	3,496	32,723	SH SOLE	0	32,723
RAYONIER INC	COM	754907103	2,171	65,870	SH SOLE	0	65,870
RAYONIER ADVANCED MATLS INC	COM	75508B104	657	68,463	SH SOLE	0	68,463
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	25,078	248,490	SH SOLE	0	248,490
RE MAX HLDGS INC	CL A	75524W108	364	19,526	SH SOLE	0	19,526
READY CAPITAL CORP	COM	75574U101	1,173	105,264	SH SOLE	0	105,264
ANYWHERE REAL ESTATE INC	COM	75605Y106	749	117,168	SH SOLE	0	117,168
REALTY INCOME CORP	COM	756109104	6,724	106,010	SH SOLE	0	106,010
REDWOOD TR INC	COM	758075402	820	121,310	SH SOLE	0	121,310
REGAL REXNORD CORPORATION	COM	758750103	3,570	29,759	SH SOLE	0	29,759
REGENCY CTRS CORP	COM	758849103	1,627	26,033	SH SOLE	0	26,033
REGENERON PHARMACEUTICALS	COM	75886F107	13,060	18,101	SH SOLE	0	18,101
REGENXBIO INC	COM	75901B107	914	40,311	SH SOLE	0	40,311
REGIONS FINANCIAL CORP NEW	COM	7591EP100	3,405	157,953	SH SOLE	0	157,953
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	4,272	30,067	SH SOLE	0	30,067
RELIANCE STEEL & ALUMINUM CO	COM	759509102	5,345	26,403	SH SOLE	0	26,403
RENASANT CORP	COM	75970E107	2,251	59,882	SH SOLE	0	59,882
REPLIGEN CORP	COM	759916109	3,933	23,229	SH SOLE	0	23,229
RENT A CTR INC NEW	COM	76009N100	1,209	53,621	SH SOLE	0	53,621
REPUBLIC SVCS INC	COM	760759100	4,479	34,720	SH SOLE	0	34,720
RESMED INC	COM	761152107	5,154	24,761	SH SOLE	0	24,761
RESIDEO TECHNOLOGIES INC	COM	76118Y104	2,568	156,086	SH SOLE	0	156,086
RESOURCES CONNECTION INC	COM	76122Q105	631	34,315	SH SOLE	0	34,315
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	2,003	133,288	SH SOLE	0	133,288
REVELSTONE CAPITAL ACQSTN CO	CLASS A COM	76137R106	502	50,000	SH SOLE	0	50,000
REX AMERICAN RES CORP	COM	761624105	529	16,613	SH SOLE	0	16,613
REXFORD INDL RLTY INC	COM	76169C100	4,510	82,546	SH SOLE	0	82,546
ROBERT HALF INTL INC	COM	770323103	1,354	18,340	SH SOLE	0	18,340
ROBINHOOD MKTS INC	COM CL A	770700102	1,787	219,486	SH SOLE	0	219,486
ROCKWELL AUTOMATION INC	COM	773903109	5,000	19,413	SH SOLE	0	19,413
ROGERS CORP	COM	775133101	2,403	20,133	SH SOLE	0	20,133
ROLLINS INC	COM	775711104	1,430	39,124	SH SOLE	0	39,124
R1 RCM INC	COM	77634L105	677	61,832	SH SOLE	0	61,832
ROPER TECHNOLOGIES INC	COM	776696106	7,746	17,926	SH SOLE	0	17,926
ROSS STORES INC	COM	778296103	6,809	58,665	SH SOLE	0	58,665
ROYAL GOLD INC	COM	780287108	3,329	29,531	SH SOLE	0	29,531
RUTHS HOSPITALITY GROUP INC	COM	783332109	502	32,439	SH SOLE	0	32,439
RYANAIR HOLDINGS PLC	SPONSORED ADS	783513203	14,992	200,541	SH SOLE	0	200,541
RYDER SYS INC	COM	783549108	1,889	22,606	SH SOLE	0	22,606

S & T BANCORP INC	COM	783859101	1,427	41,743	SH SOLE	0	41,743
S&P GLOBAL INC	COM	78409V104	18,853	56,288	SH SOLE	0	56,288
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	42,779	152,614	SH SOLE	0	152,614
SEI INVTS CO	COM	784117103	2,687	46,097	SH SOLE	0	46,097
SJW GROUP	COM	784305104	5,789	71,303	SH SOLE	0	71,303
SL GREEN RLTY CORP	COM	78440X887	976	28,933	SH SOLE	0	28,933
SLM CORP	COM	78442P106	1,868	112,553	SH SOLE	0	112,553
SM ENERGY CO	COM	78454L100	4,577	131,419	SH SOLE	0	131,419
SPDR S&P 500 ETF TR	TR UNIT	78462F103	34,598	90,470	SH SOLE	0	90,470
SPS COMM INC	COM	78463M107	4,954	38,573	SH SOLE	0	38,573
SPX TECHNOLOGIES INC	COM	78473E103	3,175	48,360	SH SOLE	0	48,360
SVB FINANCIAL GROUP	COM	78486Q101	2,299	9,991	SH SOLE	0	9,991
SABRA HEALTH CARE REIT INC	COM	78573L106	1,292	103,907	SH SOLE	0	103,907
SABRE CORP	COM	78573M104	2,172	351,420	SH SOLE	0	351,420
SAFEHOLD INC	COM	78645L100	743	25,956	SH SOLE	0	25,956
SAFETY INS GROUP INC	COM	78648T100	1,329	15,773	SH SOLE	0	15,773
SAIA INC	COM	78709Y105	2,496	11,904	SH SOLE	0	11,904
ST JOE CO	COM	790148100	1,400	36,211	SH SOLE	0	36,211
SALESFORCE INC	COM	79466L302	22,412	169,034	SH SOLE	0	169,034
SALLY BEAUTY HLDGS INC	COM	79546E104	1,434	114,532	SH SOLE	0	114,532
SANFILIPPO JOHN B & SON INC	COM	800422107	777	9,556	SH SOLE	0	9,556
SANMINA CORPORATION	COM	801056102	3,521	61,463	SH SOLE	0	61,463
SAUL CTRS INC	COM	804395101	562	13,809	SH SOLE	0	13,809
SCANSOURCE INC	COM	806037107	789	27,018	SH SOLE	0	27,018
HENRY SCHEIN INC	COM	806407102	1,830	22,912	SH SOLE	0	22,912
SCHLUMBERGER LTD	COM STK	806857108	12,814	239,690	SH SOLE	0	239,690
SCHOLASTIC CORP	COM	807066105	1,255	31,812	SH SOLE	0	31,812
SCHWAB CHARLES CORP	COM	808513105	21,467	257,829	SH SOLE	0	257,829
MATIV HOLDINGS INC	COM	808541106	1,229	58,801	SH SOLE	0	58,801
SCIENCE APPLICATIONS INTL CO	COM	808625107	2,751	24,800	SH SOLE	0	24,800
LIGHT & WONDER INC	COM	80874P109	2,469	42,140	SH SOLE	0	42,140
SCOTTS MIRACLE-GRO CO	CL A	810186106	884	18,195	SH SOLE	0	18,195
SCRIPPS E W CO OHIO	CL A NEW	811054402	818	62,033	SH SOLE	0	62,033
SEA LTD	SPONSORD ADS	81141R100	18,906	363,372	SH SOLE	0	363,372
SEACOAST BKG CORP FLA	COM NEW	811707801	1,866	59,840	SH SOLE	0	59,840
SEALED AIR CORP NEW	COM	81211K100	1,220	24,452	SH SOLE	0	24,452
SELECT MED HLDGS CORP	COM	81619Q105	2,767	111,439	SH SOLE	0	111,439
SELECTIVE INS GROUP INC	COM	816300107	2,403	27,115	SH SOLE	0	27,115
SEMTECH CORP	COM	816850101	1,950	67,976	SH SOLE	0	67,976
SEMPRA	COM	816851109	85,644	554,188	SH SOLE	0	554,188
SENECA FOODS CORP NEW	CL A	817070501	345	5,663	SH SOLE	0	5,663
SENSIENT TECHNOLOGIES CORP	COM	81725T100	1,379	18,911	SH SOLE	0	18,911
SERVICE CORP INTL	COM	817565104	4,784	69,191	SH SOLE	0	69,191
SERVICE PPTYS TR	COM SH BEN INT	81761L102	1,291	177,072	SH SOLE	0	177,072
SERVICENOW INC	COM	81762P102	13,257	34,145	SH SOLE	0	34,145
SERVISFIRST BANCSHARES INC	COM	81768T108	3,606	52,325	SH SOLE	0	52,325
SHAKE SHACK INC	CL A	819047101	1,659	39,937	SH SOLE	0	39,937
SHENANDOAH TELECOMMUNICATION	COM	82312B106	851	53,616	SH SOLE	0	53,616
SHERWIN WILLIAMS CO	COM	824348106	9,460	39,862	SH SOLE	0	39,862
SHOE CARNIVAL INC	COM	824889109	438	18,323	SH SOLE	0	18,323
SHOCKWAVE MED INC	COM	82489T104	3,343	16,259	SH SOLE	0	16,259
SHOPIFY INC	CL A	82509L107	4,933	142,120	SH SOLE	0	142,120
SHOULDERUP TECHNOLOGY ACQUIS	CL A COM	82537G104	280	27,400	SH SOLE	0	27,400
SHUTTERSTOCK INC	COM	825690100	1,354	25,681	SH SOLE	0	25,681
SIGNATURE BK NEW YORK N Y	COM	82669G104	1,226	10,637	SH SOLE	0	10,637
SILICON LABORATORIES INC	COM	826919102	2,031	14,973	SH SOLE	0	14,973
SILGAN HOLDINGS INC	COM	827048109	1,951	37,635	SH SOLE	0	37,635
SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	2,932	135,886	SH SOLE	0	135,886
SIMON PPTY GROUP INC NEW	COM	828806109	6,493	55,265	SH SOLE	0	55,265
SIMPLY GOOD FOODS CO	COM	82900L102	3,425	90,054	SH SOLE	0	90,054
SIMPSON MFG INC	COM	829073105	1,699	19,163	SH SOLE	0	19,163
SIMULATIONS PLUS INC	COM	829214105	628	17,162	SH SOLE	0	17,162
SITE CTRS CORP	COM	82981J109	2,703	197,869	SH SOLE	0	197,869
SITIME CORP	COM	82982T106	735	7,233	SH SOLE	0	7,233
SIX FLAGS ENTMT CORP NEW	COM	83001A102	1,842	79,207	SH SOLE	0	79,207
SIZZLE ACQUISITION CORP	COMMON STOCK	83014E109	256	25,000	SH SOLE	0	25,000
SKECHERS U S A INC	CL A	830566105	2,533	60,376	SH SOLE	0	60,376

SKYWEST INC	COM	830879102	894	54,151	SH SOLE	0	54,151
SKYWORKS SOLUTIONS INC	COM	83088M102	2,472	27,121	SH SOLE	0	27,121
SLEEP NUMBER CORP	COM	83125X103	612	23,546	SH SOLE	0	23,546
SMITH A O CORP	COM	831865209	1,228	21,445	SH SOLE	0	21,445
SMUCKER J M CO	COM NEW	832696405	2,854	18,012	SH SOLE	0	18,012
SNAP ON INC	COM	833034101	2,053	8,985	SH SOLE	0	8,985
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	2,676	9,448	SH SOLE	0	9,448
SONIC AUTOMOTIVE INC	CL A	83545G102	880	17,865	SH SOLE	0	17,865
SONOCO PRODS CO	COM	835495102	2,663	43,867	SH SOLE	0	43,867
SONOS INC	COM	83570H108	2,302	136,188	SH SOLE	0	136,188
SOTERA HEALTH CO	COM	83601L102	370	44,419	SH SOLE	0	44,419
SOUTH JERSEY INDS INC	COM	838518108	4,657	131,065	SH SOLE	0	131,065
SOUTHERN CO	COM	842587107	136,850	1,916,405	SH SOLE	0	1,916,405
SOUTHERN COPPER CORP	COM	84265V105	6,216	102,938	SH SOLE	0	102,938
SOUTHPORT ACQUISITION CORP	CL A COM	84465L105	509	50,000	SH SOLE	0	50,000
SOUTHSIDE BANCSHARES INC	COM	84470P109	1,175	32,642	SH SOLE	0	32,642
SOUTHWEST AIRLS CO	COM	844741108	3,379	100,364	SH SOLE	0	100,364
SOUTHWEST GAS HLDGS INC	COM	844895102	1,718	27,757	SH SOLE	0	27,757
SOUTHWESTERN ENERGY CO	COM	845467109	2,904	496,455	SH SOLE	0	496,455
SPARTANNASH CO	COM	847215100	1,142	37,752	SH SOLE	0	37,752
SPIRE INC	COM	84857L101	7,182	104,304	SH SOLE	0	104,304
SPIRIT RLT Y CAP INC NEW	COM NEW	84860W300	2,509	62,827	SH SOLE	0	62,827
SPROUTS FMRS MKT INC	COM	85208M102	1,541	47,618	SH SOLE	0	47,618
STAAR SURGICAL CO	COM PAR \$0.01	852312305	1,053	21,686	SH SOLE	0	21,686
STANDARD MTR PRODS INC	COM	853666105	699	20,084	SH SOLE	0	20,084
STANDEX INTL CORP	COM	854231107	1,314	12,828	SH SOLE	0	12,828
STANLEY BLACK & DECKER INC	COM	854502101	1,879	25,007	SH SOLE	0	25,007
STARBUCKS CORP	COM	855244109	19,248	194,034	SH SOLE	0	194,034
STATE STR CORP	COM	857477103	4,811	62,025	SH SOLE	0	62,025
STEEL DYNAMICS INC	COM	858119100	2,755	28,194	SH SOLE	0	28,194
STEPAN CO	COM	858586100	2,406	22,600	SH SOLE	0	22,600
STERICYCLE INC	COM	858912108	2,069	41,470	SH SOLE	0	41,470
STELLAR BANCORP INC	COM	858927106	1,402	47,575	SH SOLE	0	47,575
STEWART INFORMATION SVCS COR	COM	860372101	1,241	29,032	SH SOLE	0	29,032
STIFEL FINL CORP	COM	860630102	2,791	47,812	SH SOLE	0	47,812
STONEX GROUP INC	COM	861896108	1,757	18,432	SH SOLE	0	18,432
STORE CAP CORP	COM	862121100	3,832	119,539	SH SOLE	0	119,539
STRATEGIC ED INC	COM	86272C103	1,865	23,816	SH SOLE	0	23,816
STRATIM CLOUD ACQUISITION CO	CLASS A COM	86309R107	501	50,000	SH SOLE	0	50,000
STRIDE INC	COM	86333M108	1,369	43,751	SH SOLE	0	43,751
STRYKER CORPORATION	COM	863667101	13,919	56,931	SH SOLE	0	56,931
STURM RUGER & CO INC	COM	864159108	957	18,908	SH SOLE	0	18,908
SUMMIT HOTEL PPTYS INC	COM	866082100	826	114,403	SH SOLE	0	114,403
SUN CTRY AIRLS HLDGS INC	COM	866683105	553	34,861	SH SOLE	0	34,861
SUNCOKE ENERGY INC	COM	86722A103	770	89,259	SH SOLE	0	89,259
SUNPOWER CORP	COM	867652406	692	38,395	SH SOLE	0	38,395
SUNRUN INC	COM	86771W105	2,303	95,867	SH SOLE	0	95,867
SUNSTONE HOTEL INVS INC NEW	COM	867892101	2,175	225,175	SH SOLE	0	225,175
SUPER MICRO COMPUTER INC	COM	86800U104	1,701	20,713	SH SOLE	0	20,713
SUPERNUS PHARMACEUTICALS INC	COM	868459108	2,064	57,854	SH SOLE	0	57,854
SUPERNUS PHARMACEUTICALS	NOTE 0.625% 4/0	868459AD0	4,305	4,382,000	SH SOLE	0	4,382,000
SURMODICS INC	COM	868873100	511	14,989	SH SOLE	0	14,989
SYLVAMO CORP	COMMON STOCK	871332102	1,720	35,398	SH SOLE	0	35,398
SYNAPTICS INC	COM	87157D109	1,707	17,936	SH SOLE	0	17,936
SYNOPSIS INC	COM	871607107	8,253	25,847	SH SOLE	0	25,847
SYNOVUS FINL CORP	COM NEW	87161C501	2,457	65,436	SH SOLE	0	65,436
TD SYNnex CORPORATION	COM	87162W100	1,791	18,913	SH SOLE	0	18,913
SYNCHRONY FINANCIAL	COM	87165B103	2,503	76,157	SH SOLE	0	76,157
SYNEOS HEALTH INC	CL A	87166B102	1,698	46,292	SH SOLE	0	46,292
SYSCO CORP	COM	871829107	6,549	85,661	SH SOLE	0	85,661
TJX COS INC NEW	COM	872540109	15,622	196,258	SH SOLE	0	196,258
T-MOBILE US INC	COM	872590104	14,132	100,946	SH SOLE	0	100,946
TRI POINTE HOMES INC	COM	87265H109	2,008	108,001	SH SOLE	0	108,001
TTM TECHNOLOGIES INC	COM	87305R109	1,649	109,383	SH SOLE	0	109,383
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	2,777	26,665	SH SOLE	0	26,665
TALOS ENERGY INC	COM	87484T108	1,318	69,811	SH SOLE	0	69,811
TANDEM DIABETES CARE INC	COM NEW	875372203	1,300	28,925	SH SOLE	0	28,925

TANGER FACTORY OUTLET CTRS I	COM	875465106	2,003	111,675	SH SOLE	0	111,675
TAPESTRY INC	COM	876030107	1,551	40,731	SH SOLE	0	40,731
TARGET CORP	COM	87612E106	11,595	77,800	SH SOLE	0	77,800
TARGA RES CORP	COM	87612G101	23,733	322,898	SH SOLE	0	322,898
TAYLOR MORRISON HOME CORP	COM	87724P106	1,479	48,741	SH SOLE	0	48,741
TECH AND ENERGY TRANSITION	CLASS A COM	87823R102	502	50,000	SH SOLE	0	50,000
TECHTARGET INC	COM	87874R100	1,272	28,873	SH SOLE	0	28,873
TEGNA INC	COM	87901J105	2,127	100,368	SH SOLE	0	100,368
TELEDYNE TECHNOLOGIES INC	COM	879360105	3,168	7,923	SH SOLE	0	7,923
TELEFLEX INCORPORATED	COM	879369106	1,979	7,929	SH SOLE	0	7,929
TELEPHONE & DATA SYS INC	COM NEW	879433829	1,121	106,820	SH SOLE	0	106,820
TEMPUR SEALY INTL INC	COM	88023U101	2,641	76,919	SH SOLE	0	76,919
TENET HEALTHCARE CORP	COM NEW	88033G407	2,373	48,640	SH SOLE	0	48,640
TENNANT CO	COM	880345103	1,225	19,902	SH SOLE	0	19,902
TENCENT MUSIC ENTMT GROUP	SPON ADS	88034P109	7,340	886,439	SH SOLE	0	886,439
TERADATA CORP DEL	COM	88076W103	1,541	45,796	SH SOLE	0	45,796
TERADYNE INC	COM	880770102	2,300	26,328	SH SOLE	0	26,328
TEREX CORP NEW	COM	880779103	1,297	30,365	SH SOLE	0	30,365
TESLA INC	COM	88160R101	55,887	453,702	SH SOLE	0	453,702
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	1,590	174,327	SH SOLE	0	174,327
TETRA TECH INC NEW	COM	88162G103	3,460	23,834	SH SOLE	0	23,834
TEXAS CAP BANCSHARES INC	COM	88224Q107	1,354	22,448	SH SOLE	0	22,448
TEXAS INSTRS INC	COM	882508104	25,347	153,411	SH SOLE	0	153,411
TEXAS ROADHOUSE INC	COM	882681109	2,738	30,102	SH SOLE	0	30,102
TEXTRON INC	COM	883203101	2,498	35,289	SH SOLE	0	35,289
THE ODP CORP	COM	88337F105	1,965	43,145	SH SOLE	0	43,145
INNOVIVA INC	NOTE 2.125% 1/1	88338TAB0	2,867	2,870,000	SH SOLE	0	2,870,000
THERMO FISHER SCIENTIFIC INC	COM	883556102	36,507	66,294	SH SOLE	0	66,294
THOR INDS INC	COM	885160101	1,823	24,149	SH SOLE	0	24,149
3-D SYS CORP DEL	COM NEW	88554D205	1,039	140,373	SH SOLE	0	140,373
3M CO	COM	88579Y101	11,204	93,432	SH SOLE	0	93,432
THRYV HLDGS INC	COM NEW	886029206	624	32,837	SH SOLE	0	32,837
THUNDER BRDG CAP PRTRNS IV I	CLASS A COM	88605L107	1,216	121,075	SH SOLE	0	121,075
THUNDER BRDG CAP PRTRNS IV I	*W EXP 04/30/202	88605L115	3	24,215	SH SOLE	0	24,215
TIMKEN CO	COM	887389104	2,104	29,779	SH SOLE	0	29,779
TIMKENSTEEL CORPORATION	COM	887399103	770	42,357	SH SOLE	0	42,357
TITAN INTL INC ILL	COM	88830M102	835	54,478	SH SOLE	0	54,478
TOLL BROTHERS INC	COM	889478103	2,367	47,414	SH SOLE	0	47,414
TOMPKINS FINL CORP	COM	890110109	1,046	13,486	SH SOLE	0	13,486
TOOTSIE ROLL INDS INC	COM	890516107	808	18,974	SH SOLE	0	18,974
TOPBUILD CORP	COM	89055F103	2,251	14,383	SH SOLE	0	14,383
TORO CO	COM	891092108	5,306	46,877	SH SOLE	0	46,877
TORONTO DOMINION BK ONT	COM NEW	891160509	18,471	285,464	SH SOLE	0	285,464
TRACTOR SUPPLY CO	COM	892356106	4,201	18,672	SH SOLE	0	18,672
TRAJECTORY ALPHA ACQUISITION	COM CL A	89301B104	160	15,929	SH SOLE	0	15,929
TRANSDIGM GROUP INC	COM	893641100	5,498	8,732	SH SOLE	0	8,732
TRAVEL PLUS LEISURE CO	COM	894164102	1,331	36,565	SH SOLE	0	36,565
TRAVELERS COMPANIES INC	COM	89417E109	7,427	39,613	SH SOLE	0	39,613
TREDEGAR CORP	COM	894650100	275	26,928	SH SOLE	0	26,928
TREEHOUSE FOODS INC	COM	89469A104	2,667	54,018	SH SOLE	0	54,018
TREX CO INC	COM	89531P105	2,090	49,367	SH SOLE	0	49,367
TRIMBLE INC	COM	896239100	2,108	41,688	SH SOLE	0	41,688
TRINITY INDS INC	COM	896522109	2,576	87,120	SH SOLE	0	87,120
TRIUMPH FINANCIAL INC	COM	89679E300	1,183	24,214	SH SOLE	0	24,214
TRIUMPH GROUP INC NEW	COM	896818101	732	69,566	SH SOLE	0	69,566
TRIPADVISOR INC	COM	896945201	848	47,138	SH SOLE	0	47,138
TRUEBLUE INC	COM	89785X101	686	35,017	SH SOLE	0	35,017
TRUPANION INC	COM	898202106	1,789	37,629	SH SOLE	0	37,629
TRUIST FINL CORP	COM	89832Q109	9,650	224,269	SH SOLE	0	224,269
TRUSTCO BK CORP N Y	COM NEW	898349204	766	20,389	SH SOLE	0	20,389
TRUSTMARK CORP	COM	898402102	2,277	65,235	SH SOLE	0	65,235
TTEC HLDGS INC	COM	89854H102	892	20,214	SH SOLE	0	20,214
TWELVE SEAS INVESTMENT CO II	COM CL A	90118T106	502	49,998	SH SOLE	0	49,998
TWO HBRS INVT CORP	COM	90187B804	1,458	92,440	SH SOLE	0	92,440
TYLER TECHNOLOGIES INC	COM	902252105	2,269	7,039	SH SOLE	0	7,039
TYSON FOODS INC	CL A	902494103	3,047	48,955	SH SOLE	0	48,955
UDR INC	COM	902653104	2,003	51,726	SH SOLE	0	51,726

UGI CORP NEW	COM	902681105	3,492	94,192	SH SOLE	0	94,192
UMB FINL CORP	COM	902788108	1,634	19,560	SH SOLE	0	19,560
UFP INDUSTRIES INC	COM	90278Q108	5,228	65,967	SH SOLE	0	65,967
US BANCORP DEL	COM NEW	902973304	9,967	228,551	SH SOLE	0	228,551
USANA HEALTH SCIENCES INC	COM	90328M107	634	11,922	SH SOLE	0	11,922
U S PHYSICAL THERAPY	COM	90337L108	1,128	13,915	SH SOLE	0	13,915
U S SILICA HLDGS INC	COM	90346E103	1,013	81,026	SH SOLE	0	81,026
ULTA BEAUTY INC	COM	90384S303	4,061	8,658	SH SOLE	0	8,658
ULTRA CLEAN HLDGS INC	COM	90385V107	1,614	48,692	SH SOLE	0	48,692
UMPQUA HLDGS CORP	COM	904214103	3,649	204,427	SH SOLE	0	204,427
UNDER ARMOUR INC	CL A	904311107	558	54,883	SH SOLE	0	54,883
UNDER ARMOUR INC	CL C	904311206	1,092	122,466	SH SOLE	0	122,466
UNIFIRST CORP MASS	COM	904708104	3,114	16,137	SH SOLE	0	16,137
UNION PAC CORP	COM	907818108	100,152	483,664	SH SOLE	0	483,664
UNISYS CORP	COM NEW	909214306	371	72,546	SH SOLE	0	72,546
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	3,841	113,626	SH SOLE	0	113,626
UNITED BANKSHARES INC WEST V	COM	909907107	2,453	60,578	SH SOLE	0	60,578
UNITED AIRLS HLDGS INC	COM	910047109	2,083	55,262	SH SOLE	0	55,262
UNITED FIRE GROUP INC	COM	910340108	635	23,191	SH SOLE	0	23,191
UNITED NAT FOODS INC	COM	911163103	2,416	62,407	SH SOLE	0	62,407
UNITED PARCEL SERVICE INC	CL B	911312106	21,446	123,365	SH SOLE	0	123,365
UNITED RENTALS INC	COM	911363109	4,164	11,715	SH SOLE	0	11,715
UNITED STATES STL CORP NEW	COM	912909108	2,640	105,388	SH SOLE	0	105,388
UNITED THERAPEUTICS CORP DEL	COM	91307C102	5,702	20,503	SH SOLE	0	20,503
UNITEDHEALTH GROUP INC	COM	91324P102	83,735	157,937	SH SOLE	0	157,937
UNITIL CORP	COM	913259107	882	17,166	SH SOLE	0	17,166
UNITI GROUP INC	COM	91325V108	3,047	550,992	SH SOLE	0	550,992
UNIVAR SOLUTIONS INC	COM	91336L107	2,334	73,402	SH SOLE	0	73,402
UNIVERSAL CORP VA	COM	913456109	1,388	26,279	SH SOLE	0	26,279
UNIVERSAL DISPLAY CORP	COM	91347P105	2,112	19,550	SH SOLE	0	19,550
UNIVERSAL ELECTRS INC	COM	913483103	268	12,894	SH SOLE	0	12,894
UNIVERSAL HEALTH RLTY INCOME	SH BEN INT	91359E105	649	13,590	SH SOLE	0	13,590
UNIVERSAL INS HLDGS INC	COM	91359V107	311	29,390	SH SOLE	0	29,390
UNIVERSAL HLTH SVCS INC	CL B	913903100	1,528	10,845	SH SOLE	0	10,845
UNUM GROUP	COM	91529Y106	3,452	84,126	SH SOLE	0	84,126
URBAN OUTFITTERS INC	COM	917047102	1,529	64,121	SH SOLE	0	64,121
URBAN EDGE PPTYS	COM	91704F104	1,771	125,685	SH SOLE	0	125,685
URSTADT BIDDLE PPTYS INC	CL A	917286205	605	31,951	SH SOLE	0	31,951
V F CORP	COM	918204108	1,541	55,829	SH SOLE	0	55,829
VALERO ENERGY CORP	COM	91913Y100	8,267	65,167	SH SOLE	0	65,167
VALLEY NATL BANCORP	COM	919794107	2,138	189,065	SH SOLE	0	189,065
VALMONT INDS INC	COM	920253101	3,173	9,597	SH SOLE	0	9,597
VALVOLINE INC	COM	92047W101	2,600	79,634	SH SOLE	0	79,634
VANDA PHARMACEUTICALS INC	COM	921659108	448	60,564	SH SOLE	0	60,564
VAREX IMAGING CORP	COM	92214X106	867	42,702	SH SOLE	0	42,702
VECTOR GROUP LTD	COM	92240M108	1,670	140,816	SH SOLE	0	140,816
VEECO INSTRS INC DEL	COM	922417100	1,023	55,036	SH SOLE	0	55,036
VENTAS INC	COM	92276F100	3,044	67,566	SH SOLE	0	67,566
VERISIGN INC	COM	92343E102	3,203	15,591	SH SOLE	0	15,591
VERIZON COMMUNICATIONS INC	COM	92343V104	27,971	709,912	SH SOLE	0	709,912
VERITEX HLDGS INC	COM	923451108	1,623	57,798	SH SOLE	0	57,798
VERITIV CORP	COM	923454102	1,756	14,430	SH SOLE	0	14,430
VERISK ANALYTICS INC	COM	92345Y106	4,664	26,435	SH SOLE	0	26,435
VERICEL CORP	COM	92346J108	1,331	50,539	SH SOLE	0	50,539
VERTEX PHARMACEUTICALS INC	COM	92532F100	12,530	43,390	SH SOLE	0	43,390
VIAD CORP	COM	92552R406	540	22,122	SH SOLE	0	22,122
VIASAT INC	COM	92552V100	1,076	34,003	SH SOLE	0	34,003
VIAVI SOLUTIONS INC	COM	925550105	2,546	242,254	SH SOLE	0	242,254
PARAMOUNT GLOBAL	CLASS B COM	92556H206	1,441	85,367	SH SOLE	0	85,367
VIATRIS INC	COM	92556V106	2,281	204,985	SH SOLE	0	204,985
VICI PPTYS INC	COM	925652109	5,275	162,796	SH SOLE	0	162,796
VICOR CORP	COM	925815102	539	10,028	SH SOLE	0	10,028
VICTORIAS SECRET AND CO	COMMON STOCK	926400102	1,308	36,549	SH SOLE	0	36,549
VICTORY CAP HLDGS INC	COM CL A	92645B103	12,859	479,286	SH SOLE	0	479,286
VIMEO INC	COMMON STOCK	92719V100	486	141,700	SH SOLE	0	141,700
VIPSHOP HOLDINGS LIMITED	SPONSORED ADS	92763W103	3,947	289,363	SH SOLE	0	289,363
VIR BIOTECHNOLOGY INC	COM	92764N102	2,055	81,205	SH SOLE	0	81,205

VISA INC	COM CL A	92826C839	57,419	276,373	SH SOLE	0	276,373
VIRTUS INVT PARTNERS INC	COM	92828Q109	1,393	7,275	SH SOLE	0	7,275
VISHAY INTERTECHNOLOGY INC	COM	928298108	1,257	58,287	SH SOLE	0	58,287
VISTA OUTDOOR INC	COM	928377100	1,476	60,546	SH SOLE	0	60,546
VISTEON CORP	COM NEW	92839U206	1,656	12,660	SH SOLE	0	12,660
VMWARE INC	CL A COM	928563402	2,087	17,000	SH SOLE	0	17,000
VONTIER CORPORATION	COM	928881101	1,374	71,075	SH SOLE	0	71,075
VORNADO RLTY TR	SH BEN INT	929042109	567	27,230	SH SOLE	0	27,230
VOYA FINANCIAL INC	COM	929089100	2,688	43,714	SH SOLE	0	43,714
VULCAN MATLS CO	COM	929160109	3,934	22,466	SH SOLE	0	22,466
WD 40 CO	COM	929236107	2,343	14,534	SH SOLE	0	14,534
WSFS FINL CORP	COM	929328102	2,988	65,912	SH SOLE	0	65,912
WNS HLDGS LTD	SPON ADR	92932M101	2,038	25,478	SH SOLE	0	25,478
WEC ENERGY GROUP INC	COM	92939U106	52,118	555,867	SH SOLE	0	555,867
WABASH NATL CORP	COM	929566107	1,160	51,311	SH SOLE	0	51,311
WABTEC	COM	929740108	3,068	30,742	SH SOLE	0	30,742
WALMART INC	COM	931142103	33,828	238,575	SH SOLE	0	238,575
WALGREENS BOOTS ALLIANCE INC	COM	931427108	4,533	121,332	SH SOLE	0	121,332
WALKER & DUNLOP INC	COM	93148P102	2,579	32,857	SH SOLE	0	32,857
WARNER BROS DISCOVERY INC	COM SER A	934423104	3,541	373,538	SH SOLE	0	373,538
WARRIOR MET COAL INC	COM	93627C101	1,915	55,281	SH SOLE	0	55,281
WASHINGTON FED INC	COM	938824109	986	29,389	SH SOLE	0	29,389
ELME COMMUNITIES	SH BEN INT	939653101	1,667	93,663	SH SOLE	0	93,663
WASTE MGMT INC DEL	COM	94106L109	9,905	63,140	SH SOLE	0	63,140
WATERS CORP	COM	941848103	3,440	10,042	SH SOLE	0	10,042
WATSCO INC	COM	942622200	3,732	14,964	SH SOLE	0	14,964
WATTS WATER TECHNOLOGIES INC	CL A	942749102	1,795	12,274	SH SOLE	0	12,274
WEBSTER FINL CORP	COM	947890109	3,706	78,278	SH SOLE	0	78,278
WELLS FARGO CO NEW	COM	949746101	26,595	644,103	SH SOLE	0	644,103
WELLTOWER INC	COM	95040Q104	5,236	79,872	SH SOLE	0	79,872
WENDYS CO	COM	95058W100	1,735	76,666	SH SOLE	0	76,666
WERNER ENTERPRISES INC	COM	950755108	1,065	26,442	SH SOLE	0	26,442
WEST PHARMACEUTICAL SVSC INC	COM	955306105	2,945	12,514	SH SOLE	0	12,514
WESTAMERICA BANCORPORATION	COM	957090103	1,700	28,802	SH SOLE	0	28,802
WESTERN DIGITAL CORP.	COM	958102105	1,694	53,694	SH SOLE	0	53,694
WESTERN UN CO	COM	959802109	2,392	173,722	SH SOLE	0	173,722
WESTLAKE CORPORATION	COM	960413102	1,588	15,491	SH SOLE	0	15,491
WESTROCK CO	COM	96145D105	1,511	42,985	SH SOLE	0	42,985
WEX INC	COM	96208T104	3,209	19,611	SH SOLE	0	19,611
WEYERHAEUSER CO MTN BE	COM NEW	962166104	3,856	124,395	SH SOLE	0	124,395
WHIRLPOOL CORP	COM	963320106	1,303	9,209	SH SOLE	0	9,209
WHITESTONE REIT	COM	966084204	479	49,683	SH SOLE	0	49,683
WILEY JOHN & SONS INC	CL A	968223206	774	19,317	SH SOLE	0	19,317
WILLIAMS COS INC	COM	969457100	57,267	1,740,650	SH SOLE	0	1,740,650
WILLIAMS SONOMA INC	COM	969904101	3,449	30,011	SH SOLE	0	30,011
WINGSTOP INC	COM	974155103	1,852	13,458	SH SOLE	0	13,458
WINNEBAGO INDS INC	COM	974637100	1,720	32,633	SH SOLE	0	32,633
WINTRUST FINL CORP	COM	97650W108	2,310	27,336	SH SOLE	0	27,336
WISDOMTREE INC	COM	97717P104	649	119,174	SH SOLE	0	119,174
WOLFSPEED INC	COM	977852102	3,858	55,878	SH SOLE	0	55,878
WOLVERINE WORLD WIDE INC	COM	978097103	921	84,286	SH SOLE	0	84,286
WOODWARD INC	COM	980745103	2,615	27,065	SH SOLE	0	27,065
WORLD ACCEP CORPORATION	COM	981419104	233	3,539	SH SOLE	0	3,539
WORLD FUEL SVCS CORP	COM	981475106	1,811	66,267	SH SOLE	0	66,267
WORLD WRESTLING ENTMT INC	CL A	98156Q108	1,335	19,479	SH SOLE	0	19,479
WORTHINGTON INDS INC	COM	981811102	678	13,641	SH SOLE	0	13,641
WW INTL INC	COM	98262P101	221	57,365	SH SOLE	0	57,365
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	2,833	39,733	SH SOLE	0	39,733
WYNN RESORTS LTD	COM	983134107	1,437	17,430	SH SOLE	0	17,430
XPO INC	COM	983793100	1,725	51,807	SH SOLE	0	51,807
XPEL INC	COM	98379L100	1,260	20,984	SH SOLE	0	20,984
XCEL ENERGY INC	COM	98389B100	67,375	960,991	SH SOLE	0	960,991
XENIA HOTELS & RESORTS INC	COM	984017103	1,606	121,843	SH SOLE	0	121,843
XENCOR INC	COM	98401F105	1,670	64,132	SH SOLE	0	64,132
XYLEM INC	COM	98419M100	3,368	30,464	SH SOLE	0	30,464
XEROX HOLDINGS CORP	COM NEW	98421M106	736	50,400	SH SOLE	0	50,400
XPERI INC	COMMON STOCK	98423J101	384	44,636	SH SOLE	0	44,636

YELP INC	CL A	985817105	2,039	74,597	SH SOLE	0	74,597
YETI HLDGS INC	COM	98585X104	1,603	38,799	SH SOLE	0	38,799
YUM BRANDS INC	COM	988498101	6,099	47,615	SH SOLE	0	47,615
ZIMVIE INC	COM	98888T107	209	22,336	SH SOLE	0	22,336
ZEBRA TECHNOLOGIES CORPORATI	CL A	989207105	2,238	8,727	SH SOLE	0	8,727
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	4,523	35,472	SH SOLE	0	35,472
ZIMMER ENERGY TRANSITION ACQ	COM CL A	989570106	497	49,998	SH SOLE	0	49,998
ZIONS BANCORPORATION N A	COM	989701107	1,243	25,291	SH SOLE	0	25,291
ZOETIS INC	CL A	98978V103	11,546	78,782	SH SOLE	0	78,782
ZUMIEZ INC	COM	989817101	362	16,670	SH SOLE	0	16,670
ZYNEX INC	COM	98986M103	323	23,248	SH SOLE	0	23,248
CONSTELLUM SE	CL A SHS	F21107101	6,541	552,900	SH SOLE	0	552,900
ADIANT PLC	ORD SHS	G0084W101	1,480	42,653	SH SOLE	0	42,653
AGILE GROWTH CORP	CLASS A ORD	G01202103	504	49,998	SH SOLE	0	49,998
ALLEGION PLC	ORD SHS	G0176J109	1,563	14,849	SH SOLE	0	14,849
AMCOR PLC	ORD	G0250X107	2,998	251,695	SH SOLE	0	251,695
ALTIMAR ACQUISITION CORP III	SHS CL A	G0370U108	504	50,000	SH SOLE	0	50,000
AON PLC	SHS CL A	G0403H108	10,494	34,965	SH SOLE	0	34,965
APOLLO STRATEGIC GRWT CPTL I	SHS CL A	G0412A102	501	50,000	SH SOLE	0	50,000
APOLLO STRATEGIC GRWT CPTL I	*W EXP 02/12/202	G0412A128	1	10,000	SH SOLE	0	10,000
ARCH CAP GROUP LTD	ORD	G0450A105	3,925	62,521	SH SOLE	0	62,521
ARCTOS NORTHSTAR ACQUIS CORP	SHS CL A	G0477L106	505	50,000	SH SOLE	0	50,000
ASSURED GUARANTY LTD	COM	G0585R100	3,995	64,169	SH SOLE	0	64,169
BIOPLUS ACQUISITION CORP	CLASS A ORD SHS	G11217117	513	50,000	SH SOLE	0	50,000
BIOPLUS ACQUISITION CORP	*W EXP 12/02/202	G11217125	1	25,000	SH SOLE	0	25,000
BIOTECH ACQUISITION COMPANY	CL A SHS	G1125A108	505	50,000	SH SOLE	0	50,000
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	28,420	106,505	SH SOLE	0	106,505
BLUE OCEAN ACQUISITION CORP	CLASS A ORD SHS	G1330L105	514	50,000	SH SOLE	0	50,000
BLUE OCEAN ACQUISITION CORP	*W EXP 12/02/202	G1330L121	2	25,000	SH SOLE	0	25,000
CAPRI HOLDINGS LIMITED	SHS	G1890L107	3,321	57,939	SH SOLE	0	57,939
CAZOO GROUP LTD	COM	G2007L105	3	18,861	SH SOLE	0	18,861
COLISEUM ACQUISITION CORP	CLASS A ORD SHS	G2263T123	502	50,000	SH SOLE	0	50,000
COLONNADE ACQUISITION CORP I	SHS CL A	G2284B101	2,518	250,000	SH SOLE	0	250,000
CORNER GROWTH ACQUISITION CO	CL A SHS	G2425N105	494	49,998	SH SOLE	0	49,998
COMPASS DIGITAL ACQUISITN CO	CLASS A ORD	G2476C107	501	50,000	SH SOLE	0	50,000
CREDICORP LTD	COM	G2519Y108	256	1,887	SH SOLE	0	1,887
CROWN PROPTECH ACQUISITIONS	SHS CL A	G25741102	506	50,000	SH SOLE	0	50,000
COCA-COLA EUROPACIFIC PARTNE	SHS	G25839104	2,945	53,234	SH SOLE	0	53,234
DEEP LAKE CAPITAL ACQUSTN CO	CL A SHS	G27029100	505	50,000	SH SOLE	0	50,000
CUSHMAN WAKEFIELD PLC	SHS	G2717B108	2,168	173,960	SH SOLE	0	173,960
DRAGONEER GROWTH OPT CORP II	CL A SHS	G28315102	740	75,000	SH SOLE	0	75,000
DLOCAL LTD	CLASS A COM	G29018101	4,809	308,860	SH SOLE	0	308,860
EATON CORP PLC	SHS	G29183103	10,551	67,225	SH SOLE	0	67,225
ELLIOTT OPPORTUNITY II CORP	SHS CL A	G30092103	1,008	100,000	SH SOLE	0	100,000
ELLIOTT OPPORTUNITY II CORP	*W EXP 03/02/202	G30092111	2	25,000	SH SOLE	0	25,000
SCION TECH GROWTH II	CL A SHS	G31070108	506	50,000	SH SOLE	0	50,000
ENTERPRISE 4.0 TEC ACQSTN CO	CLASS A ORD SHS	G3137C106	514	50,000	SH SOLE	0	50,000
ARYA SCIENCES ACQUISITN CORP	CLASS A ORD SHS	G31658100	505	50,000	SH SOLE	0	50,000
ENPHYS ACQUISITION CORP	CL A ORD SHS	G3167L109	502	50,000	SH SOLE	0	50,000
ESM ACQUISITION CORPORATION	SHS CL A	G3195H104	504	49,998	SH SOLE	0	49,998
ESM ACQUISITION CORPORATION	*W EXP 02/02/20	G3195H112	2	16,666	SH SOLE	0	16,666
ESSENT GROUP LTD	COM	G3198U102	1,884	48,453	SH SOLE	0	48,453
EVEREST RE GROUP LTD	COM	G3223R108	2,193	6,620	SH SOLE	0	6,620
FABRINET	SHS	G3323L100	8,941	69,730	SH SOLE	0	69,730
FIFTH WALL ACQUISITN CORP II	CLASS A ORD SHS	G34142102	502	50,000	SH SOLE	0	50,000
FORTRESS CAPITAL ACQUISITION	SHS CL A	G36427105	493	48,800	SH SOLE	0	48,800
FRESH DEL MONTE PRODUCE INC	ORD	G36738105	858	32,773	SH SOLE	0	32,773
FRONTIER INVESTMENT CORP	CLASS A ORD SHS	G36816109	501	49,998	SH SOLE	0	49,998
FRONTIER INVESTMENT CORP	*W EXP 06/29/202	G36816125	1	16,666	SH SOLE	0	16,666
FRONTIER ACQUISITION CORP	CLASS A ORD SHS	G36826108	504	50,000	SH SOLE	0	50,000
FTAC HERA ACQUISITION CORP	CLASS A ORD SHS	G3728Y103	506	50,000	SH SOLE	0	50,000
GENPACT LIMITED	SHS	G3922B107	3,513	75,845	SH SOLE	0	75,845
GOLDEN OCEAN GROUP LTD	SHS NEW	G39637205	848	97,631	SH SOLE	0	97,631
HH&L ACQUISITION CO	SHS CL A	G39714103	2,022	200,000	SH SOLE	0	200,000
FINTECH EVOLUTION ACQUIS GRO	SHS CL A	G3R19A104	505	50,000	SH SOLE	0	50,000
GRAB HOLDINGS LIMITED	CLASS A ORD	G4124C109	652	202,330	SH SOLE	0	202,330
G SQUARED ASCEND II INC	COM CL A	G42041106	508	49,998	SH SOLE	0	49,998

G SQUARED ASCEND II INC	*W EXP 12/31/202	G42041122	1	16,666	SH SOLE	0	16,666
HELEN OF TROY LTD	COM	G4388N106	1,197	10,792	SH SOLE	0	10,792
JANUS HENDERSON GROUP PLC	ORD SHS	G4474Y214	1,402	59,619	SH SOLE	0	59,619
ICHOR HOLDINGS	SHS	G4740B105	827	30,826	SH SOLE	0	30,826
INDEPENDENCE HOLDINGS CORP	CLASS A ORD SHS	G4761A101	504	50,000	SH SOLE	0	50,000
INDEPENDENCE HOLDINGS CORP	*W EXP 03/31/20	G4761A127	0	10,000	SH SOLE	0	10,000
INVESCO LTD	SHS	G491BT108	1,383	76,877	SH SOLE	0	76,877
ITIQUIRA ACQUISITION CORP	CL A SHS	G49773107	505	50,000	SH SOLE	0	50,000
JACK CREEK INVESTMENT CORP	CL A SHS	G4989X115	507	50,000	SH SOLE	0	50,000
IX ACQUISITION CORP	CLASS A ORD SHS	G5000D103	507	50,000	SH SOLE	0	50,000
JAMES RIV GROUP LTD	COM	G5005R107	838	40,091	SH SOLE	0	40,091
JAWS MUSTANG ACQUISITION CORP	SHS CL A	G50737108	505	50,000	SH SOLE	0	50,000
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	4,513	28,326	SH SOLE	0	28,326
JOHNSON CTLS INTL PLC	SHS	G51502105	7,450	116,414	SH SOLE	0	116,414
KAIROS ACQUISITION CORP	CL A SHS	G52110114	504	50,000	SH SOLE	0	50,000
KERNEL GROUP HOLDINGS INC	CL A SHS	G5259L103	505	50,000	SH SOLE	0	50,000
LEAD EDGE GROWTH OPRTUNTS LT	COM	G5408S108	504	50,000	SH SOLE	0	50,000
LEAD EDGE GROWTH OPRTUNTS LT	*W EXP 04/01/202	G5408S116	1	12,500	SH SOLE	0	12,500
LINDE PLC	SHS	G5494J103	27,258	83,567	SH SOLE	0	83,567
LIVANOVA PLC	SHS	G5509L101	1,337	24,078	SH SOLE	0	24,078
MEDTRONIC PLC	SHS	G5960L103	17,462	224,672	SH SOLE	0	224,672
APTIV PLC	SHS	G6095L109	4,265	45,800	SH SOLE	0	45,800
MOUNTAIN & CO I ACQUISITN CO	CLASS A ORD	G6301J104	208	20,000	SH SOLE	0	20,000
MOUNTAIN & CO I ACQUISITN CO	*W EXP 09/30/2	G6301J112	0	10,000	SH SOLE	0	10,000
ALPHA PARTNERS TECH MERGR CO	CLASS A ORD SH	G63290111	501	49,998	SH SOLE	0	49,998
ALPHA & OMEGA SEMICONDUCTOR	SHS	G6331P104	679	23,760	SH SOLE	0	23,760
NABORS INDUSTRIES LTD	SHS	G6359F137	1,482	9,571	SH SOLE	0	9,571
SWIFTMERGE ACQUISITION CORP	CLASS A ORD SHS	G63836103	212	20,892	SH SOLE	0	20,892
NORWEGIAN CRUISE LINE HLDG L	SHS	G6672I104	872	71,230	SH SOLE	0	71,230
NU HLDGS LTD	ORD SHS CL A	G6683N103	4,032	990,772	SH SOLE	0	990,772
NVENT ELECTRIC PLC	SHS	G6700G107	2,883	74,941	SH SOLE	0	74,941
ONYX ACQUISITION CO I	SHS CL A	G6755Q109	516	50,000	SH SOLE	0	50,000
PANACEA ACQUISITION CORP II	CL A SHS	G6882C106	754	75,000	SH SOLE	0	75,000
MORINGA ACQUISITION CORP	CL A SHS	G6523K108	504	50,000	SH SOLE	0	50,000
PONTEM CORPORATION	SHS CL A	G71707106	505	49,998	SH SOLE	0	49,998
PORTAGE FINTECH ACQUISITN CO	CLASS A ORD SHS	G7185D106	760	75,764	SH SOLE	0	75,764
PROSPECTOR CAPITAL CORP	CL A	G7273A105	498	50,000	SH SOLE	0	50,000
PYROPHYTE ACQUISITION CORP	CL A ORD SHS	G7308P101	517	50,000	SH SOLE	0	50,000
RCF ACQUISITION CORP	CL A COM	G7330C102	459	44,700	SH SOLE	0	44,700
RENAISSANCERE HLDGS LTD	COM	G7496G103	3,622	19,660	SH SOLE	0	19,660
RICE ACQUISITION CORP II	SHS CL A	G75529100	509	50,000	SH SOLE	0	50,000
ROSS ACQUISITION CORP II	SHS CL A	G7641C106	506	49,998	SH SOLE	0	49,998
SDCL EDGE ACQUISITION CORP	CL A ORD SHS	G79471101	503	50,000	SH SOLE	0	50,000
SDCL EDGE ACQUISITION CORP	*W EXP 99/99/999	G79471127	3	25,000	SH SOLE	0	25,000
SEAGATE TECHNOLOGY HLDNGS PL	ORD SHS	G7997R103	1,707	32,455	SH SOLE	0	32,455
PENTAIR PLC	SHS	G7500T104	1,251	27,806	SH SOLE	0	27,806
SCULPTOR ACQUISITION CORP I	CL A COM	G77983103	1,026	100,000	SH SOLE	0	100,000
SCULPTOR ACQUISITION CORP I	*W EXP 99/99/999	G77983111	3	50,000	SH SOLE	0	50,000
7 ACQUISITION CORPORATION	SHS CL A	G80694105	514	50,000	SH SOLE	0	50,000
7 ACQUISITION CORPORATION	*W EXP 11/05/202	G80694113	2	25,000	SH SOLE	0	25,000
SIGNET JEWELERS LIMITED	SHS	G81276100	3,366	49,493	SH SOLE	0	49,493
SIRIUSPOINT LTD	COM	G8192H106	536	90,913	SH SOLE	0	90,913
SLAM CORP	CL A SHS	G8210L105	506	50,000	SH SOLE	0	50,000
SKYDECK ACQUISITION CORP	CLASS A ORD SH	G82220123	503	49,998	SH SOLE	0	49,998
SMART GLOBAL HLDGS INC	SHS	G8232Y101	774	52,035	SH SOLE	0	52,035
STERIS PLC	SHS USD	G8473T100	3,116	16,873	SH SOLE	0	16,873
SVF INVESTMENT CORP 2	CL A SHS	G8601M100	505	50,000	SH SOLE	0	50,000
TALON 1 ACQUISITION CORP	CLASS A ORD	G86656108	207	20,000	SH SOLE	0	20,000
TCV ACQUISITION CORP	CL A SHS	G8704C124	499	49,690	SH SOLE	0	49,690
TORTOISECOFIN ACQUISITION C	SHS CL A	G8956E109	498	50,000	SH SOLE	0	50,000
TPG PACE BENEFICIAL II CORP	COMMON STOCK	G89826104	650	66,162	SH SOLE	0	66,162
TPB ACQUISITION CORP I	COM CL A	G8990L101	502	50,000	SH SOLE	0	50,000
TRANE TECHNOLOGIES PLC	SHS	G8994E103	6,544	38,930	SH SOLE	0	38,930
SUPERNOVA PARTN ACQ CO III L	SHS CL A	G8790F102	504	50,000	SH SOLE	0	50,000
SUPERNOVA PARTN ACQ CO III L	*W EXP 99/99/999	G8790F128	0	10,000	SH SOLE	0	10,000
TRINE II ACQUISITION CORP	CL A ORD SHS	G9059F100	515	50,000	SH SOLE	0	50,000
TRINSEO PLC	SHS	G9059U107	850	37,430	SH SOLE	0	37,430

TRISTAR ACQUISITION I CORP	CL A ORD SHS	G9074V106	507	50,000	SH SOLE	0	50,000
TRISTAR ACQUISITION I CORP	*W EXP 99/99/999	G9074V114	0	15,000	SH SOLE	0	15,000
TZP STRATEGIES ACQUISTN CORP	CL A SHS	G91595101	505	49,998	SH SOLE	0	49,998
WARBURG PINCUS CAPITAL CORP I	SHS CL A	G9460M108	505	50,000	SH SOLE	0	50,000
VALOR LATITUDE ACQUISITN COR	CLASS A ORD SHS	G9460N106	498	49,527	SH SOLE	0	49,527
GOGREEN INVESTMENTS CORP	ORD SHS CL A	G9461B101	260	25,000	SH SOLE	0	25,000
WARBURG PINCUS CAPITAL CORP I	SHS CL A	G9461D107	505	50,000	SH SOLE	0	50,000
UTA ACQUISITION CORPORATION	CLASS A ORD SHS	G9473A109	511	50,000	SH SOLE	0	50,000
WILLIS TOWERS WATSON PLC LTD	SHS	G96629103	4,475	18,296	SH SOLE	0	18,296
PERRIGO CO PLC	SHS	G97822103	2,065	60,569	SH SOLE	0	60,569
XPAC ACQUISITION CORP	CLASS A ORD	G9831X106	500	49,998	SH SOLE	0	49,998
CHUBB LIMITED	COM	H1467J104	15,477	70,158	SH SOLE	0	70,158
GARMIN LTD	SHS	H2906T109	2,392	25,918	SH SOLE	0	25,918
TE CONNECTIVITY LTD	SHS	H84989104	6,172	53,767	SH SOLE	0	53,767
GLOBANT S A	COM	L44385109	15,467	91,978	SH SOLE	0	91,978
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	3,527	44,674	SH SOLE	0	44,674
CAMTEK LTD	ORD	M20791105	2,330	106,098	SH SOLE	0	106,098
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	1,981	15,700	SH SOLE	0	15,700
CYBERARK SOFTWARE LTD	SHS	M2682V108	6,308	48,655	SH SOLE	0	48,655
INMODE LTD	SHS	M5425M103	2,367	66,294	SH SOLE	0	66,294
NOVA LTD	COM	M7516K103	6,195	75,850	SH SOLE	0	75,850
PERION NETWORK LTD	SHS NEW	M78673114	1,197	47,329	SH SOLE	0	47,329
MONDAY COM LTD	SHS	M7564H106	817	6,696	SH SOLE	0	6,696
RADWARE LTD	ORD	M81873107	256	12,941	SH SOLE	0	12,941
WIX COM LTD	SHS	M98068105	689	8,964	SH SOLE	0	8,964
ZIM INTEGRATED SHIPPING SERV	SHS	M9T951109	227	13,200	SH SOLE	0	13,200
AERCAP HOLDINGS NV	SHS	N00985106	1,238	21,224	SH SOLE	0	21,224
CORE LABORATORIES N V	COM	N22717107	1,006	49,627	SH SOLE	0	49,627
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	3,565	42,932	SH SOLE	0	42,932
NXP SEMICONDUCTORS N V	COM	N6596X109	6,922	43,803	SH SOLE	0	43,803
UNIQURE NV	SHS	N90064101	1,000	44,090	SH SOLE	0	44,090
COPA HOLDINGS SA	CL A	P31076105	6,618	79,572	SH SOLE	0	79,572
ROYAL CARIBBEAN GROUP	COM	V7780T103	1,834	37,096	SH SOLE	0	37,096
DORIAN LPG LTD	SHS USD	Y2106R110	646	34,116	SH SOLE	0	34,116
APX ACQUISITION CORP I	CLASS A ORD SH	G0440J109	513	50,000	SH SOLE	0	50,000
BATTERY FUTURE ACQUISITION C	CL A ORD SHS	G0888J108	4,108	400,000	SH SOLE	0	400,000
BATTERY FUTURE ACQUISITION C	*W EXP 99/99/9	G0888J124	13	200,000	SH SOLE	0	200,000
CATALYST PARTNRS ACQUISITN C	CLASS A ORD SH	G19550105	504	50,000	SH SOLE	0	50,000
CARTICA ACQUISITION CORP	CLASS A ORD SH	G1995D109	1,035	100,000	SH SOLE	0	100,000
CARTICA ACQUISITION CORP	*W EXP 04/30/2	G1995D117	3	50,000	SH SOLE	0	50,000
CRESCERA CAP ACQUISITION COR	CLASS A ORD SH	G26507106	511	50,000	SH SOLE	0	50,000
EVE MOBILITY ACQUISITION COR	CL A ORD SHS	G3218G109	4,120	400,000	SH SOLE	0	400,000
EVE MOBILITY ACQUISITION COR	*W EXP 12/31/2	G3218G117	10	200,000	SH SOLE	0	200,000
FREEDOM ACQUISITION I CORP	SHS CL A	G3663X110	497	49,228	SH SOLE	0	49,228
HCM ACQUISITION CO	CLASS A ORD SH	G4365A101	1,026	100,000	SH SOLE	0	100,000
HEALTHCARE AI ACQUISITION CO	CLASS A ORD SH	G4373K109	514	50,000	SH SOLE	0	50,000
PEARL HOLDINGS ACQUISITN COR	CLASS A ORD SH	G44525106	501	48,842	SH SOLE	0	48,842
PEARL HOLDINGS ACQUISITN COR	*W EXP 12/15/2	G44525114	2	24,421	SH SOLE	0	24,421
INVESTCORP INDIA ACQUISITN CO	CLASS A ORD SH	G49219101	278	26,830	SH SOLE	0	26,830
JAWS JUGGERNAUT ACQUISITN CO	CLASS A ORD SH	G50735102	503	50,000	SH SOLE	0	50,000
LAZARD GROWTH ACQUISITION CO	CL A ORD SHS	G54035103	505	50,000	SH SOLE	0	50,000
WORLD QUANTUM GROWTH ACQUISI	SHS CL A	G5596W101	510	50,000	SH SOLE	0	50,000
MOTIVE CAPITAL CORP II	CL A ORD	G6293R106	2,557	249,999	SH SOLE	0	249,999
MOTIVE CAPITAL CORP II	*W EXP 99/99/9	G6293R114	3	83,333	SH SOLE	0	83,333
NEWCOURT ACQUISITION CORP	CLASS A ORD SH	G6448C103	514	50,000	SH SOLE	0	50,000
ORION BIOTECH OPPORTUNTES CO	CLASS A ORD SH	G6780C109	502	49,945	SH SOLE	0	49,945
PERIDOT ACQUISITION CORP II	SHS CL A	G7008B105	1,516	150,000	SH SOLE	0	150,000
POWERUP ACQUISITION CORP	CLASS A ORD I S	G7207P103	258	25,000	SH SOLE	0	25,000
SCREAMING EAGLE ACQUISITN CO	CLASS A ORD SH	G79407105	3,976	399,999	SH SOLE	0	399,999
SILVERSPAC INC	CLASS A ORD	G8136V104	1,004	99,999	SH SOLE	0	99,999
SILVERSPAC INC	*W EXP 09/09/2	G8136V112	5	33,333	SH SOLE	0	33,333
ST ENERGY TRANSITION I LTD	CL A ORD SHS	G8465L107	511	50,000	SH SOLE	0	50,000
ST ENERGY TRANSITION I LTD	*W EXP 12/02/2	G8465L115	2	25,000	SH SOLE	0	25,000
TARGET GLOBAL ACQUIS I CORP	CLASS A ORD SH	G8675N109	512	49,998	SH SOLE	0	49,998
TARGET GLOBAL ACQUIS I CORP	*W EXP 12/08/2	G8675N125	2	16,666	SH SOLE	0	16,666
10X CAPITAL VENTURE ACQ III	CL A ORD SHS	G87077106	489	50,000	SH SOLE	0	50,000
VAHANNA TECH EDGE ACQSTN I C	CLASS A ORD	G9320Z109	514	50,000	SH SOLE	0	50,000

WORLDWIDE WEBB ACQUISITION C	CLASS A ORD SH	G97775103	509	50,000 SH SOLE	0	50,000
Total 13F Holdings-Q4-2022			11,824,179	213,659,952		213,659,952