

Form 990-PF

Department of the Treasury Internal Revenue Service

Return of Private Foundation

or Section 4947(a)(1) Trust Treated as Private Foundation

Do not enter social security numbers on this form as it may be made public. Go to www.irs.gov/Form990PF for instructions and the latest information

OMB No 1545-0047

2019

Open to Public Inspection

For calendar year 2019 or tax year beginning

, and ending

A Employer identification number

Name of foundation

Robert W. Woodruff Foundation, Inc.

58-1695425

Number and street (or P O box number if mail is not delivered to street address)

Room/suite

191 Peachtree Street, NE

3540

B Telephone number

4045226755

City or town, state or province, country, and ZIP or foreign postal code

Atlanta, GA 30303-1799

C If exemption application is pending, check here

G Check all that apply: Initial return, Final return, Address change, Initial return of a former public charity, Amended return, Name change

D 1. Foreign organizations, check here

2 Foreign organizations meeting the 85% test, check here and attach computation

H Check type of organization: Section 501(c)(3) exempt private foundation, Section 4947(a)(1) nonexempt charitable trust, Other taxable private foundation

E If private foundation status was terminated under section 507(b)(1)(A), check here

I Fair market value of all assets at end of year (from Part II, col. (c), line 16) \$ 3,804,175,668. J Accounting method: Cash, Accrual, Other (specify)

F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here

Part I Analysis of Revenue and Expenses

(The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a))

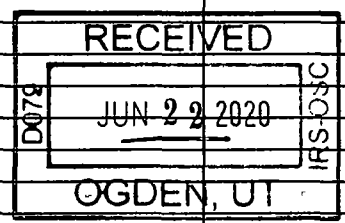
(a) Revenue and expenses per books

(b) Net investment income

(c) Adjusted net income

(d) Disbursements for charitable purposes (cash basis only)

Table with 5 columns: Description, (a) Revenue and expenses per books, (b) Net investment income, (c) Adjusted net income, (d) Disbursements for charitable purposes. Rows include Contributions, Interest on savings, Dividends, Gross rents, Net gain or loss, Capital gain, Net short-term capital gain, Income modifications, Other income, Total, Compensation of officers, Other employee salaries, Pension plans, Legal fees, Accounting fees, Other professional fees, Interest, Taxes, Depreciation and depletion, Occupancy, Travel, conferences, and meetings, Printing and publications, Other expenses, Total operating and administrative expenses, Contributions, gifts, grants paid, Total expenses and disbursements, Subtract line 26 from line 12, Excess of revenue over expenses and disbursements, Net investment income, Adjusted net income.



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Part II Balance Sheets		Attached schedules and amounts in the description column should be for end-of-year amounts only		Beginning of year		End of year	
		(a) Book Value	(b) Book Value	(c) Fair Market Value	(a) Book Value	(b) Book Value	(c) Fair Market Value
Assets	1	Cash - non-interest-bearing		5,885.	5,819.	5,819.	
	2	Savings and temporary cash investments		123,835,962.	184,790,462.	185,005,880.	
	3	Accounts receivable					
		Less: allowance for doubtful accounts					
	4	Pledges receivable					
		Less: allowance for doubtful accounts					
	5	Grants receivable					
	6	Receivables due from officers, directors, trustees, and other disqualified persons					
	7	Other notes and loans receivable					
		Less: allowance for doubtful accounts					
	8	Inventories for sale or use					
	9	Prepaid expenses and deferred charges					
	10a	Investments - U.S. and state government obligations					
	b	Investments - corporate stock Stmt 8		508,080,206.	514,301,377.	3588513297.	
	c	Investments - corporate bonds					
	11	Investments - land, buildings, and equipment basis					
	Less: accumulated depreciation						
12	Investments - mortgage loans						
13	Investments - other						
14	Land, buildings, and equipment: basis 22,042,895.						
	Less: accumulated depreciation Stmt 9 658,480.		21,388,686.	21,384,415.	30,270,436.		
15	Other assets (describe Statement 10)		224,179.	248,781.	380,236.		
16	Total assets (to be completed by all filers - see the instructions. Also, see page 1, item I)		653,534,918.	720,730,854.	3804175668.		
Liabilities	17	Accounts payable and accrued expenses					
	18	Grants payable					
	19	Deferred revenue					
	20	Loans from officers, directors, trustees, and other disqualified persons					
	21	Mortgages and other notes payable					
	22	Other liabilities (describe Statement 11)		16,932.	16,838.		
23	Total liabilities (add lines 17 through 22)		16,932.	16,838.			
Net Assets or Fund Balances	Foundations that follow FASB ASC 958, check here and complete lines 24, 25, 29, and 30 <input type="checkbox"/>						
	24	Net assets without donor restrictions					
	25	Net assets with donor restrictions					
	Foundations that do not follow FASB ASC 958, check here <input checked="" type="checkbox"/>						
	26	Capital stock, trust principal, or current funds		0.	0.		
	27	Paid-in or capital surplus, or land, bldg., and equipment fund		0.	0.		
	28	Retained earnings, accumulated income, endowment, or other funds		653,517,986.	720,714,016.		
	29	Total net assets or fund balances		653,517,986.	720,714,016.		
30	Total liabilities and net assets/fund balances		653,534,918.	720,730,854.			

Part III Analysis of Changes in Net Assets or Fund Balances

1	Total net assets or fund balances at beginning of year - Part II, column (a), line 29 (must agree with end-of-year figure reported on prior year's return)	1	653,517,986.
2	Enter amount from Part I, line 27a	2	-35,948,587.
3	Other increases not included in line 2 (itemize) Gain on stock grants	3	103,144,617.
4	Add lines 1, 2, and 3	4	720,714,016.
5	Decreases not included in line 2 (itemize)	5	0.
6	Total net assets or fund balances at end of year (line 4 minus line 5) - Part II, column (b), line 29	6	720,714,016.

Part IV Capital Gains and Losses for Tax on Investment Income

(a) List and describe the kind(s) of property sold (for example, real estate, 2-story brick warehouse; or common stock, 200 shs. MLC Co.)	(b) How acquired P - Purchase D - Donation	(e) Date acquired (mo., day, yr.)	(d) Date sold (mo., day, yr.)
1a PUBLICLY TRADED SECURITIES			
b			
c			
d			
e			

(a) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
a 176,174,039.		177,743,078.	-1,569,039.
b			
c			
d			
e			

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69.			(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col. (h))
(i) FMV as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col. (i) over col. (j), if any	
a			-1,569,039.
b			
c			
d			
e			

2 Capital gain net income or (net capital loss)	{ If gain, also enter in Part I, line 7 If (loss), enter -0- in Part I, line 7	2	-1,569,039.
3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6): If gain, also enter in Part I, line 8, column (c). If (loss), enter -0- in Part I, line 8		3	N/A

Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income

(For optional use by domestic private foundations subject to the section 4940(a) tax on net investment income.)

If section 4940(d)(2) applies, leave this part blank.

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period? Yes No
 If "Yes," the foundation doesn't qualify under section 4940(e). Do not complete this part.

1 Enter the appropriate amount in each column for each year; see the instructions before making any entries.

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col. (b) divided by col. (c))
2018	179,624,542.	3,122,961,274.	.057517
2017	149,252,357.	3,089,151,826.	.048315
2016	141,816,187.	2,991,214,076.	.047411
2015	141,940,072.	2,899,458,838.	.048954
2014	122,576,318.	2,921,029,557.	.041963

2 Total of line 1, column (d)	2	.244160
3 Average distribution ratio for the 5-year base period - divide the total on line 2 by 5.0, or by the number of years the foundation has been in existence if less than 5 years	3	.048832
4 Enter the net value of noncharitable-use assets for 2019 from Part X, line 5	4	3,366,194,256.
5 Multiply line 4 by line 3	5	164,377,998.
6 Enter 1% of net investment income (1% of Part I, line 27b)	6	1,000,616.
7 Add lines 5 and 6	7	165,378,614.
8 Enter qualifying distributions from Part XII, line 4 If line 8 is equal to or greater than line 7, check the box in Part VI, line 1b, and complete that part using a 1% tax rate. See the Part VI instructions.	8	132,386,887.

Part VI Excise Tax Based on Investment Income (Section 4940(a), 4940(b), 4940(e), or 4948 - see instructions)

1a Exempt operating foundations described in section 4940(d)(2), check here [] and enter "N/A" on line 1. Date of ruling or determination letter: (attach copy of letter if necessary-see instructions)
b Domestic foundations that meet the section 4940(e) requirements in Part V, check here [] and enter 1% of Part I, line 27b
c All other domestic foundations enter 2% of line 27b. Exempt foreign organizations, enter 4% of Part I, line 12, col (b)
2 Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only; others, enter -0-)
3 Add lines 1 and 2
4 Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only; others, enter -0-)
5 Tax based on investment income Subtract line 4 from line 3. If zero or less, enter -0-
6 Credits/Payments:
a 2019 estimated tax payments and 2018 overpayment credited to 2019
b Exempt foreign organizations - tax withheld at source
c Tax paid with application for extension of time to file (Form 8868)
d Backup withholding erroneously withheld
7 Total credits and payments. Add lines 6a through 6d
8 Enter any penalty for underpayment of estimated tax. Check here [X] if Form 2220 is attached
9 Tax due. If the total of lines 5 and 8 is more than line 7, enter amount owed
10 Overpayment. If line 7 is more than the total of lines 5 and 8, enter the amount overpaid
11 Enter the amount of line 10 to be: Credited to 2020 estimated tax 12,828. Refunded 0.

Part VII-A Statements Regarding Activities

1a During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign?
b Did it spend more than \$100 during the year (either directly or indirectly) for political purposes? See the instructions for the definition. If the answer is "Yes" to 1a or 1b, attach a detailed description of the activities and copies of any materials published or distributed by the foundation in connection with the activities.
c Did the foundation file Form 1120-POL for this year?
d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year: (1) On the foundation. \$ 0. (2) On foundation managers. \$ 0.
e Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers. \$ 0.
2 Has the foundation engaged in any activities that have not previously been reported to the IRS? If "Yes," attach a detailed description of the activities.
3 Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? If "Yes," attach a conformed copy of the changes
4a Did the foundation have unrelated business gross income of \$1,000 or more during the year?
b If "Yes," has it filed a tax return on Form 990-T for this year?
5 Was there a liquidation, termination, dissolution, or substantial contraction during the year? If "Yes," attach the statement required by General Instruction T
6 Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either:
• By language in the governing instrument, or
• By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument?
7 Did the foundation have at least \$5,000 in assets at any time during the year? If "Yes," complete Part II, col. (c), and Part XV
8a Enter the states to which the foundation reports or with which it is registered. See instructions. GA
b If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by General Instruction G? If "No," attach explanation
9 Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2019 or the tax year beginning in 2019? See the instructions for Part XIV. If "Yes," complete Part XIV
10 Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses

Part VII-A Statements Regarding Activities (continued)

11 At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule. See instructions
12 Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement. See instructions
13 Did the foundation comply with the public inspection requirements for its annual returns and exemption application? Website address www.woodruff.org
14 The books are in care of Erik S. Johnson, Secretary Telephone no. 404-522-6755 Located at 191 Peachtree Street NE, Suite 3540, Atlanta, GA ZIP+4 30303-1799
15 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 - check here and enter the amount of tax-exempt interest received or accrued during the year 15 N/A
16 At any time during calendar year 2019, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country? See the instructions for exceptions and filing requirements for FinCEN Form 114. If "Yes," enter the name of the foreign country

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.

1a During the year, did the foundation (either directly or indirectly):
(1) Engage in the sale or exchange, or leasing of property with a disqualified person?
(2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person?
(3) Furnish goods, services, or facilities to (or accept them from) a disqualified person?
(4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person?
(5) Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)?
(6) Agree to pay money or property to a government official? (Exception. Check "No" if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days.)
b If any answer is "Yes" to 1a(1)-(6), did any of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance? See instructions Organizations relying on a current notice regarding disaster assistance, check here
c Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2019?
2 Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5)):
a At the end of tax year 2019, did the foundation have any undistributed income (Part XIII, lines 6d and 6e) for tax year(s) beginning before 2019? If "Yes," list the years
b Are there any years listed in 2a for which the foundation is not applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to all years listed, answer "No" and attach statement - see instructions.)
c If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here.
3a Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year?
b If "Yes," did it have excess business holdings in 2019 as a result of (1) any purchase by the foundation or disqualified persons after May 26, 1969; (2) the lapse of the 5-year period (or longer period approved by the Commissioner under section 4943(c)(7)) to dispose of holdings acquired by gift or bequest; or (3) the lapse of the 10-, 15-, or 20-year first phase holding period? (Use Form 4720, Schedule C, to determine if the foundation had excess business holdings in 2019.)
4a Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?
b Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2019?

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required (continued)

5a During the year, did the foundation pay or incur any amount to:

(1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))? Yes No

(2) Influence the outcome of any specific public election (see section 4955); or to carry on, directly or indirectly, any voter registration drive? Yes No

(3) Provide a grant to an individual for travel, study, or other similar purposes? Yes No

(4) Provide a grant to an organization other than a charitable, etc., organization described in section 4945(d)(4)(A)? See instructions Yes No

(5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals? Yes No

b If any answer is "Yes" to 5a(1)-(5), did any of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance? See instructions
Organizations relying on a current notice regarding disaster assistance, check here

c If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant? **See Statement 13** Yes No
If "Yes," attach the statement required by Regulations section 53.4945-5(d).

6a Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? Yes No

b Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract? If "Yes" to 6b, file Form 8870. Yes No

7a At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction? Yes No

b If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction? **N/A**

8 Is the foundation subject to the section 4960 tax on payment(s) of more than \$1,000,000 in remuneration or excess parachute payment(s) during the year? Yes No

	Yes	No
5b		X
6b		X
7b		

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors

1 List all officers, directors, trustees, and foundation managers and their compensation.

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
See Statement 12		469,626.	88,852.	1,622.

2 Compensation of five highest-paid employees (other than those included on line 1). If none, enter "NONE."

(a) Name and address of each employee paid more than \$50,000	(b) Title, and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
Elizabeth Smith - 191 Peachtree St., Suite 3540, Atlanta, GA 30303	Grants Program Director 17.00	70,237.	15,999.	644.
Sarah Tablan - 191 Peachtree St., Suite 3540, Atlanta, GA 30303	Controller 17.00	57,632.	18,889.	638.
Carrie Conway - 191 Peachtree St., Suite 3540, Atlanta, GA 30303	Senior Program Officer 17.00	47,907.	20,409.	638.
Katrina Voegtlin - 191 Peachtree St., Suite 3540, Atlanta, GA 30303	Assistant Controller 17.00	41,856.	16,913.	645.
Evelyn Green-retired 12/31/19 - 191 Peachtree St., Suite 3540, Atlanta,	Executive Assistant 17.00	38,451.	14,013.	666.
Total number of other employees paid over \$50,000				0

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors *(continued)*

3 Five highest-paid independent contractors for professional services. If none, enter "NONE."

(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
T. ROWE PRICE ASSOCIATES P.O. BOX 64043, BALTIMORE, MD 21264	INVESTMENT MANAGER	374,926.
GANNETT WELSH & KOTLER, LLC - 222 BERKELEY STREET, 15TH FLOOR, BOSTON, MA 02116	INVESTMENT MANAGER	312,341.
SUNTRUST BANK 303 PEACHTREE ST, ATLANTA, GA 30308	INVESTMENT ADVISOR	241,789.
PARAMETRIC P.O. BOX 398212, SAN FRANCISCO, CA 94139	INVESTMENT MANAGER	154,206.
Total number of others receiving over \$50,000 for professional services		0

Part IX-A Summary of Direct Charitable Activities

List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc.	Expenses
1 N/A	
2	
3	
4	

Part IX-B Summary of Program-Related Investments

Describe the two largest program related investments made by the foundation during the tax year on lines 1 and 2.	Amount
1 N/A	
2	
All other program-related investments. See instructions.	
3	
Total. Add lines 1 through 3	0.

Part X Minimum Investment Return (All domestic foundations must complete this part. Foreign foundations, see instructions.)

1	Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes:		
a	Average monthly fair market value of securities	1a	3,271,477,422.
b	Average of monthly cash balances	1b	145,618,789.
c	Fair market value of all other assets	1c	359,886.
d	Total (add lines 1a, b, and c)	1d	3,417,456,097.
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation) See Statement 14	1e	86,770,234.
2	Acquisition indebtedness applicable to line 1 assets	2	0.
3	Subtract line 2 from line 1d	3	3,417,456,097.
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions)	4	51,261,841.
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5	3,366,194,256.
6	Minimum investment return. Enter 5% of line 5	6	168,309,713.

Part XI Distributable Amount (see instructions) (Section 4942(j)(3) and (j)(5) private operating foundations and certain foreign organizations, check here and do not complete this part.)

1	Minimum investment return from Part X, line 6	1	168,309,713.
2a	Tax on investment income for 2019 from Part VI, line 5	2a	2,001,231.
b	Income tax for 2019. (This does not include the tax from Part VI.)	2b	-4,028.
c	Add lines 2a and 2b	2c	1,997,203.
3	Distributable amount before adjustments. Subtract line 2c from line 1	3	166,312,510.
4	Recoveries of amounts treated as qualifying distributions	4	0.
5	Add lines 3 and 4	5	166,312,510.
6	Deduction from distributable amount (see instructions)	6	0.
7	Distributable amount as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1	7	166,312,510.

Part XII Qualifying Distributions (see instructions)

1	Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes:		
a	Expenses, contributions, gifts, etc. - total from Part I, column (d), line 26	1a	132,386,887.
b	Program-related investments - total from Part IX-B	1b	0.
2	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes	2	
3	Amounts set aside for specific charitable projects that satisfy the:		
a	Suitability test (prior IRS approval required)	3a	
b	Cash distribution test (attach the required schedule)	3b	
4	Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8; and Part XIII, line 4	4	132,386,887.
5	Foundations that qualify under section 4940(o) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b	5	0.
6	Adjusted qualifying distributions. Subtract line 5 from line 4	6	132,386,887.

Note: The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years.

Part XIII Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2018	(c) 2018	(d) 2019
1 Distributable amount for 2019 from Part XI, line 7				166,312,510.
2 Undistributed income, if any, as of the end of 2019				
a Enter amount for 2018 only			119,315,750.	
b Total for prior years:		0.		
3 Excess distributions carryover, if any, to 2019:				
a From 2014				
b From 2015				
c From 2016				
d From 2017				
e From 2018				
f Total of lines 3a through e	0.			
4 Qualifying distributions for 2019 from Part XII, line 4: ▶ \$132,386,887.				
a Applied to 2018, but not more than line 2a			119,315,750.	
b Applied to undistributed income of prior years (Election required - see instructions)		0.		
c Treated as distributions out of corpus (Election required - see instructions)	0.			
d Applied to 2019 distributable amount				13,071,137.
e Remaining amount distributed out of corpus	0.			
5 Excess distributions carryover applied to 2019 (if an amount appears in column (d), the same amount must be shown in column (a))	0.			0.
6 Enter the net total of each column as indicated below:				
a Corpus Add lines 3f, 4c, and 4e Subtract line 5	0.			
b Prior years' undistributed income. Subtract line 4b from line 2b		0.		
c Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed		0.		
d Subtract line 6c from line 6b. Taxable amount - see instructions		0.		
e Undistributed income for 2018. Subtract line 4a from line 2a. Taxable amount - see instr.			0.	
f Undistributed income for 2019. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2020				153,241,373.
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (Election may be required - see instructions)	0.			
8 Excess distributions carryover from 2014 not applied on line 5 or line 7	0.			
9 Excess distributions carryover to 2020. Subtract lines 7 and 8 from line 6a	0.			
10 Analysis of line 9:				
a Excess from 2015				
b Excess from 2016				
c Excess from 2017				
d Excess from 2018				
e Excess from 2019				

Part XIV Private Operating Foundations (see instructions and Part VII-A, question 9)

N/A

1 a If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2019, enter the date of the ruling

b Check box to indicate whether the foundation is a private operating foundation described in section 4942(j)(3) or 4942(j)(5)

	Tax year				(e) Total
	(a) 2019	(b) 2018	(c) 2017	(d) 2016	
2 a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed					
b 85% of line 2a					
c Qualifying distributions from Part XII, line 4, for each year listed					
d Amounts included in line 2c not used directly for active conduct of exempt activities					
e Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c					
3 Complete 3a, b, or c for the alternative test relied upon:					
a "Assets" alternative test - enter:					
(1) Value of all assets					
(2) Value of assets qualifying under section 4942(j)(3)(B)(i)					
b "Endowment" alternative test - enter 2/3 of minimum investment return shown in Part X, line 6, for each year listed					
c "Support" alternative test - enter:					
(1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties)					
(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii)					
(3) Largest amount of support from an exempt organization					
(4) Gross investment income					

Part XV Supplementary Information (Complete this part only if the foundation had \$5,000 or more in assets at any time during the year-see instructions.)

1 Information Regarding Foundation Managers:

a List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than \$5,000). (See section 507(d)(2).)

None

b List any managers of the foundation who own 10% or more of the stock of a corporation (or an equally large portion of the ownership of a partnership or other entity) of which the foundation has a 10% or greater interest.

None

2 Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:

Check here if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds. If the foundation makes gifts, grants, etc., to individuals or organizations under other conditions, complete items 2a, b, c, and d.

a The name, address, and telephone number or email address of the person to whom applications should be addressed: **See Statement 16**

See Statement 15

b The form in which applications should be submitted and information and materials they should include:

c Any submission deadlines:

d Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors:

Part XV Supplementary Information *(continued)*

3 Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution **	Amount
<p>a Paid during the year</p> <p>Atlanta Police Foundation 191 Peachtree Street, NE, Suite 191 Atlanta, GA 30303</p>		PC	Campaign to support a comprehensive public safety strategy to reduce crime in Atlanta.	1,000,000.
<p>Atlanta-Fulton County Zoo 800 Cherokee Avenue, SE Atlanta, GA 30315</p>		PC	Costs associated with opening the Grand New View project.	1,000,000.
<p>Foundation for Public Broadcasting in Georgia 260 14th Street, NW Atlanta, GA 30318</p>		PC	Support of website redesign.	1,200,000.
<p>Georgia Center for Nonprofits 100 Peachtree Street, NW, Suite 1500 Atlanta, GA 30303</p>		PC	Operating support (\$200,000) and costs related to website upgrade (\$150,000).	350,000.
<p>Georgia Council on Economic Education P.O. Box 1619 Atlanta, GA 30301</p>		PC	Support of programs to strengthen K-12 economics education in Georgia.	200,000.
<p>Total</p>	See continuation sheet(s)		▶ 3a	131,240,121.
<p>b Approved for future payment</p>				
<p>Berry College 2277 Martha Berry Hwy NW Mount Berry, GA 30149</p>		PC	Construction of addition to McAllister Hall to house animal science program.	4,000,000.
<p>Georgia Council on Economic Education P.O. Box 1619 Atlanta, GA 30301</p>		PC	Support of programs to strengthen K-12 economics education in Georgia.	400,000.
<p>Ichauway, Inc. 3988 Jones Center Drive Newton, GA 39870</p>		POF	2020 capital and operating needs.	10,850,000.
<p>Total</p>	See continuation sheet(s)		▶ 3b	24,875,000.

Part XV Supplementary Information**.3 Grants and Contributions Paid During the Year (Continuation)**

Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Georgia Military College Foundation 201 East Greene Street Milledgeville, GA 31061		PC	Construction of a new school building and renovation of historic Jenkins Hall for the Georgia Military	500,000.
Georgia Press Educational Foundation 3066 Mercer University Drive Atlanta, GA 30341		PC	Establishment of the Capitol Beat news service bureau to provide coverage of state government.	150,000.
Georgia State University Research Foundation P.O. Box 3999 Atlanta, GA 30302		PC	Support over three years for the Georgia Health Policy Center's effort to educate and inform state	165,000.
Habitat for Humanity International 270 Peachtree Street, NW, Suite 1300 Atlanta, GA 30303		PC	Tenant improvements for new downtown office space.	2,000,000.
Ichauway, Inc. 3988 Jones Center Drive Newton, GA 39870		POF	2019 capital and operating needs.	10,500,000.
New American Pathways 2300 Henderson Mill Rd NE, Suite 200 Atlanta, GA 30345		PC	Initiative to develop collaborative resettlement services by New American Pathways, the	250,000.
Park Pride 233 Peachtree St., NE, Suite 1600 Atlanta, GA 30303		PC	Two-year support of the Legacy Grant Program to provide matching grants for community park	1,500,000.
PATH Foundation P.O. Box 14327 Atlanta, GA 30324		PC	Campaign to add 22 new miles of trails and connect the Silver Comet Trail to downtown Atlanta.	2,000,000.
Prevent Blindness Georgia 739 West Peachtree Street, NW, Suite 200 Atlanta, GA 30308		PC	Purchase of ophthalmic equipment to expand capacity to provide free vision exams at clinics.	50,000.
Robert W. Woodruff Health Sciences Center Fund, Inc. 191 Peachtree Street NE, Suite 3540 Atlanta, GA 30303		SO II	Development of Emory University's Winship Tower Midtown and Health Sciences Research Building II.	105,000,121.
Total from continuation sheets				127,490,121.

Part XV Supplementary Information

3 Grants and Contributions Approved for Future Payment (Continuation)

Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
New American Pathways 2300 Henderson Mill Rd NE, Suite 200 Atlanta, GA 30345		PC	Initiative to develop collaborative resettlement services by New American Pathways, the	150,000.
Park Pride 233 Peachtree St., NE, Suite 1600 Atlanta, GA 30303		PC	Two-year support of the Legacy Grant Program to provide matching grants for community park	1,250,000.
PATH Foundation P.O. Box 14327 Atlanta, GA 30324		PC	Campaign to add 22 new miles of trails and connect the Silver Comet Trail to downtown Atlanta.	3,000,000.
The Foundation Center 32 Old Slip, 24th Floor New York, NY 10005		PC	Integration of Foundation Center and GuideStar (\$1 million) and two years of operating support for	225,000.
Woodward Academy 1662 Rugby Avenue College Park, GA 30337		PC	Construction of Performing Arts Center and Music School and renovation of Richardson Hall as	5,000,000.
Total from continuation sheets				9,625,000.

Part XV Supplementary Information

3a Grants and Contributions Paid During the Year Continuation of Purpose of Grant or Contribution

Name of Recipient - Georgia Military College Foundation

Construction of a new school building and renovation of historic Jenkins Hall for the Georgia Military College Preparatory School.

Name of Recipient - Georgia State University Research Foundation

Support over three years for the Georgia Health Policy Center's effort to educate and inform state legislators regarding healthcare policy.

Name of Recipient - New American Pathways

Initiative to develop collaborative resettlement services by New American Pathways, the International Rescue Committee and Catholic Charities.

Name of Recipient - Park Pride

Two-year support of the Legacy Grant Program to provide matching grants for community park improvement projects (\$2,500,000) and support of the community engagement process for Atlanta's parks master plan (\$250,000).

Name of Recipient - The Foundation Center

Integration of Foundation Center and GuideStar (\$1 million) and two years of operating support for Foundation Center South (\$500,000).

Name of Recipient - University of Georgia Foundation

Support of the Georgia College Advising Corps to increase college access at seven underserved high schools in Georgia.

Part XV Supplementary Information

3b Grants and Contributions Approved for Future Payment Continuation of Purpose of Grant or Contribution

Name of Recipient - New American Pathways

Initiative to develop collaborative resettlement services by New American Pathways, the International Rescue Committee and Catholic Charities.

Name of Recipient - Park Pride

Two-year support of the Legacy Grant Program to provide matching grants for community park improvement projects (\$2,500,000) and support of the community engagement process for Atlanta's parks master plan (\$250,000).

Name of Recipient - The Foundation Center

Integration of Foundation Center and GuideStar (\$1 million) and two years of operating support for Foundation Center South (\$500,000).

Name of Recipient - Woodward Academy

Construction of Performing Arts Center and Music School and renovation of Richardson Hall as part of \$60 million campaign.

Form 990-PF Interest on Savings and Temporary Cash Investments Statement 1

Source	(a) Revenue Per Books	(b) Net Investment Income	(c) Adjusted Net Income
CASH EQUIVALENTS	3,408,551.	3,408,551.	
Total to Part I, line 3	3,408,551.	3,408,551.	

Form 990-PF Dividends and Interest from Securities Statement 2

Source	Gross Amount	Capital Gains Dividends	(a) Revenue Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income
DIVIDENDS	97,901,668.	0.	97,901,668.	97,901,668.	
To Part I, line 4	97,901,668.	0.	97,901,668.	97,901,668.	

Form 990-PF Other Income Statement 3

Description	(a) Revenue Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income
ICHAUWAY, INC. RENT	1.	0.	
Total to Form 990-PF, Part I, line 11	1.	0.	

Form 990-PF Accounting Fees Statement 4

Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
AUDIT FEES	32,780.	1,639.		31,141.
To Form 990-PF, Pg 1, ln 16b	32,780.	1,639.		31,141.

Form 990-PF	Other Professional Fees			Statement 5
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
INVESTMENT FEES	1,083,261.	1,083,261.		0.
BENEFIT CONSULTANTS	13,372.	669.		12,703.
To Form 990-PF, Pg 1, ln 16c	1,096,633.	1,083,930.		12,703.

Form 990-PF	Taxes			Statement 6
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
EXCISE TAX	2,050,000.	0.		0.
UBI TAX	3,252.	0.		3,089.
To Form 990-PF, Pg 1, ln 18	2,053,252.	0.		3,089.

Form 990-PF	Other Expenses			Statement 7
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
COMPUTER	35,468.	1,773.		33,695.
OFFICE INSURANCE	12,751.	638.		12,113.
SUPPLIES	2,203.	111.		2,092.
ORGANIZATION DUES	37,728.	738.		36,990.
POSTAGE	1,759.	88.		1,671.
REPAIRS & MAINTENANCE	5,547.	277.		5,270.
FURNITURE & EQUIPMENT	3,617.	181.		3,436.
TELEPHONE	2,624.	131.		2,493.
MISCELLANEOUS	555.	27.		528.
To Form 990-PF, Pg 1, ln 23	102,252.	3,964.		98,288.

Form 990-PF

Corporate Stock

Statement 8

Description	Book Value	Fair Market Value
1 800 FLOWERS COM INC	8,430.	9,744.
3M CO	728,335.	797,948.
51JOB INC SPONSORED	28,099.	25,046.
58.COM INC SPONSORED	17,688.	17,089.
8X8 INC	60,952.	45,293.
A10 NETWORKS INC	11,222.	10,133.
AAC TECH HOLDINGS UNSPONSORED	35,471.	26,114.
AAON INC	54,232.	53,560.
AARONS INC	41,526.	90,234.
ABB LTD SPONSORED	49,465.	48,493.
ABBOTT LABS	636,125.	1,203,098.
ABBVIE INC	661,000.	1,019,538.
ABIOMED INC	143,594.	63,801.
ACACIA COMMUNICATIONS INC	63,959.	67,064.
ACADIA HEALTHCARE	963,517.	758,579.
ACADIA PHARMACEUTICALS INC	77,005.	127,741.
ACCELERATE DIAGNOSTICS INC	13,745.	12,168.
ACCELERON PHARMA INC	46,043.	58,163.
ACCENTURE PLC CL A	569,615.	1,043,795.
ACCOR SA SPONSORED	32,143.	31,821.
ACCURAY INC	8,340.	6,466.
ACELRX PHARMACEUTICALS INC	5,471.	4,068.
ACER THERAPEUTICS INC	5,211.	7,210.
ACI WORLDWIDE INC	100,744.	112,481.
ACS ACTIVIDADES DE CONS UNSPONSORED	26,493.	31,070.
ACTIVISION BLIZZARD, INC	288,592.	364,363.
ACTUANT CORP CL A	16,207.	18,742.
ADDUS HOMECARE CORP	9,667.	27,124.
ADECCO GROUP AG UNSPONSORED	19,243.	15,691.
ADESTO TECHNOLOGIES CORP	5,385.	5,423.
ADIDAS AG SPONSORED	51,438.	72,772.
ADMA BIOLOGICS INC	7,393.	7,144.
ADOBE INC	373,309.	1,245,363.
ADVANCED AUTO PARTS	104,340.	85,525.
ADVANCED DISPOSAL SERVICES INC	58,352.	59,330.
ADVANCED DRAINAGE SYSTEMS INC	36,451.	43,229.
ADVANCED EMISSIONS SOLUTIONS INC	7,589.	6,216.
ADVANCED ENERGY INDS INC	54,350.	71,556.
ADVANCED MICRO DEVICES INC	165,048.	395,726.
ADVANCED MICRO DEVICES INC	730,577.	843,824.
ADVERUM BIOTECHNOLOGIES INC	24,471.	22,625.
AEGLEA BIOTHERAPEUTICS INC	5,599.	5,974.
AEGON NV	24,332.	18,935.
AERCAP HOLDINGS NV	27,008.	33,009.
AERIE PHARMACEUTICALS INC	26,769.	26,925.
AEROJET ROCKETDYNE HOLDINGS INC	60,923.	61,915.
AEROVIRONMENT INC	33,668.	35,747.
AES CORP	50,546.	94,983.
AFFIMED NV	5,358.	4,817.
AFLAC INC	182,641.	302,271.
AGEAS SPONSORED	60,813.	74,390.
AGENUS INC	8,032.	12,853.

AGILENT TECHNOLOGIES INC	87,340.	198,175.
AGILYSYS INC	12,024.	12,857.
AGNICO EAGLE MINES LTD	23,759.	32,653.
AGRICULTURAL BANK CHINA UNSPONSORED	20,390.	19,013.
AIA GROUP LTD SPONSORED	145,359.	198,539.
AIMMUNE THERAPEUTICS INC	23,298.	40,700.
AIR PRODUCTS & CHEMICALS INC	229,087.	402,773.
AIR TRANSPORT SERVICES GRP INC	37,414.	37,301.
AIRBUS SE UNSPONSORED	73,981.	116,645.
AIRGAIN INC	5,412.	4,052.
AK STL HLDG CORP	9,315.	13,288.
AKAMAI TECHNOLOGIES INC	77,197.	107,025.
AKBANK T.A.S SPONSORED	25,365.	12,089.
AKCEA THERAPEUTICS INC	7,298.	5,556.
AKORN INC	5,285.	1,920.
AKOUSTIS TECHNOLOGIES INC	5,139.	7,448.
AKTIEBOLAGET ELECTROLUX SPONSORED	27,251.	18,948.
AKZO NOBEL NV SPONSORED	40,838.	39,770.
ALAMO GROUP INC	14,508.	27,998.
ALARM.COM HOLDINGS INC	57,739.	48,470.
ALASKA AIR GROUP INC	58,563.	60,501.
ALBANY INTL CORP - CL A	60,134.	58,003.
ALBEMARLE CORP	63,377.	58,359.
ALBIREO PHARMA INC	8,037.	6,940.
ALCON INC	13,358.	12,106.
ALDEYRA THERAPEUTICS INC	5,172.	5,473.
ALECTOR INC	12,263.	14,869.
ALEXANDER'S INC	13,621.	11,893.
ALEXANDRIA REAL ESTATE EQUITIES INC	95,774.	137,343.
ALEXION PHARMACEUTICALS INC	556,535.	457,258.
ALEXION PHARMACEUTICALS INC	293,783.	192,291.
ALFA LAVAL AB UNSPONSORED	26,728.	27,905.
ALIBABA GROUP HOLDING LTD SPONSORED	2,020,218.	3,076,723.
ALIBABA GROUP HOLDING LTD SPONSORED	256,895.	308,818.
ALIGN TECHNOLOGY INC	94,815.	162,122.
ALLAKOS INC	20,142.	49,969.
ALLEGiant TRAVEL	53,082.	62,480.
ALLEGION PLC	51,309.	85,559.
ALLERGAN PLC	704,164.	494,174.
ALLIANCE DATA SYSTEMS CORP	103,988.	39,158.
ALLIANT CORP	67,468.	91,382.
ALLIANZ SE SPONSORED	125,176.	137,464.
ALLIED MOTION TECHNOLOGIES INC	6,761.	8,391.
ALLOGENE THERAPEUTICS INC	28,877.	26,604.
ALLSTATE CORP	162,467.	293,719.
ALPHABET INC CL A	3,208,287.	5,261,124.
ALPHABET INC CL A	1,816,849.	3,131,494.
ALPHABET INC CL C	1,787,487.	3,140,660.
ALPHABET INC CL C	1,456,697.	2,592,482.
ALPHATEC HOLDINGS INC	5,893.	8,897.
ALTAIR ENGINEERING INC	42,307.	36,520.
ALTRIA GROUP INC	886,636.	718,405.
ALTUS MIDSTREAM CO	5,375.	4,510.
ALUMINA LTD SPONSORED	17,310.	16,019.
ALUMINUM CORP OF CHINA LTD SPONSORED	23,104.	9,811.
AMADEUS IT GROUP S.A. UNSPONSORED	46,079.	55,319.
AMAZON.COM INC	2,516,964.	6,027,654.
AMAZON.COM INC	3,233,925.	8,280,171.

AMBARELLA INC	15,762.	20,348.
AMBEV SA SPONSORED	34,566.	26,809.
AMCOR PLC	146,693.	142,828.
AMEDISYS INC	98,940.	138,210.
AMEREN CORP	95,859.	153,984.
AMERICA MOVIL SAB DE CD SPONSORED	23,194.	20,080.
AMERICAN AIRLINES GROUP INC	144,143.	89,854.
AMERICAN ASSETS TRUST INC	57,086.	56,411.
AMERICAN CAMPUS COMMUNITIES INC	1,455,711.	1,432,205.
AMERICAN EAGLE OUTFITTERS INC	81,604.	56,595.
AMERICAN ELEC PWR INC	240,852.	371,330.
AMERICAN EXPRESS CO	393,125.	660,170.
AMERICAN FINANCE TRUST INC CL A	5,367.	6,232.
AMERICAN INTL GROUP INC	431,333.	353,099.
AMERICAN RENAL ASSOCIATES HOLDINGS	5,447.	7,933.
AMERICAN SOFTWARE CLASS A	13,152.	13,704.
AMERICAN STS WTR CO	73,665.	83,868.
AMERICAN TOWER CORP	379,695.	796,556.
AMERICAN WATER WORKS CO INC	98,819.	170,639.
AMERICAN WOODMARK CORP	29,668.	41,909.
AMERICA'S CAR-MART INC	5,792.	18,094.
AMERIPRISE FINANCIAL INC	5,583.	163,915.
AMERIS BANCORP	8,872.	10,082.
AMERISOURCEBERGEN CORP	113,903.	99,643.
AMETEK INC	90,742.	166,366.
AMGEN INC	754,993.	1,124,109.
AMICUS THERAPEUTICS INC	86,973.	68,307.
AMN HEALTHCARE SVCS INC	80,685.	75,707.
AMNEAL PHARMACEUTICALS INC CL A	8,426.	11,920.
AMPHASTAR PHARMACEUTICALS INC	18,978.	18,268.
AMPHENOL CORP	120,080.	238,972.
ANALOG DEVICES INC	201,344.	345,230.
ANAPTYSBIO INC	29,440.	8,873.
ANAVEX LIFE SCIENCES CORP	5,445.	4,597.
ANGLO AMERICAN PLC SPONSORED	35,578.	52,425.
ANGLOGOLD ASHANTI LIMITED SPONSORED	15,546.	37,129.
ANHEUSER BUSCH INBEV SPONSORED	111,769.	78,840.
ANI PHARMACEUTICALS, INC	19,475.	14,862.
ANSYS INC	95,868.	178,900.
ANTA SPORTS PRODUCTS UNSPONSORED	76,025.	83,843.
ANTARES PHARMA INC	12,961.	20,064.
ANTERIX INC	10,799.	10,543.
ANTHEM INC	283,811.	594,999.
AON PLC	173,492.	382,837.
APACHE CORP	127,621.	70,475.
APARTMENT INVT & MGMT CO CL A	48,538.	58,571.
APELLIS PHARMACEUTICALS INC	34,565.	39,071.
APOGEE ENTERPRISES INC	23,739.	19,013.
APOLLO MEDICAL HOLDINGS INC	10,546.	12,427.
APPFOLIO INC CL A	22,882.	45,080.
APPIAN CORP CL A	26,342.	32,326.
APPLE INC	3,971,493.	9,595,014.
APPLE INC	2,252,419.	3,841,823.
APPLIED INDL TECHNOLOGIES INC	59,769.	69,358.
APPLIED MATERIALS INC	144,354.	437,596.
APTARGROUP INC	569,030.	764,479.
APTIV PLC	137,587.	183,197.
APTIV PLC	1,481,038.	1,624,177.

APYX MEDICAL CORP	5,273.	6,760.
AQUAVENTURE HOLDINGS LTD	5,449.	8,028.
ARCHER DANIELS MIDLAND CO	209,432.	210,429.
ARCONIC INC	60,411.	86,802.
ARDMORE SHIPPING CORP	9,363.	5,901.
ARENA PHARMACEUTICALS INC	69,630.	51,506.
ARES MANAGEMENT CORP CL A	38,289.	39,223.
ARGAN INC	13,467.	13,246.
ARISTA NETWORKS INC	119,418.	82,174.
ARKEMA SPONSORED	33,000.	29,233.
ARMADA HOFFLER PROPERTIES INC	20,686.	22,717.
ARQULE INC	27,323.	54,231.
ARROWHEAD PHARMACEUTICALS INC	75,400.	167,265.
ARTISAN PARTNERS	25,731.	29,282.
ARTISAN PARTNERS	402,137.	446,210.
ARVINAS INC	12,057.	19,559.
ASBURY AUTOMOTIVE GROUP	42,952.	57,013.
ASE INDUSTRIAL HOLDING CO SPONSORED	45,238.	57,023.
ASGN INC	101,253.	89,422.
ASHAI KASEI CORP UNSPONSORED	39,562.	35,656.
ASHTAD GROUP PLC UNSPONSORED	13,980.	14,577.
ASML HOLDING NV	1,040,831.	1,605,475.
ASML HOLDING NV	56,544.	100,324.
ASPEN PHARMACARE HLDGS UNSPONSORED	18,287.	6,614.
ASSA ABLOY UNSPONSORED	36,059.	38,382.
ASSEMBLY BIOSCIENCES INC	5,528.	8,061.
ASSOC BRITISH FOODS LMTD UNSPONSORED	40,140.	31,377.
ASSURANT INC	50,164.	70,914.
ASTELLAS PHARMA INC UNSPONSORED	33,479.	43,835.
ASTRAZENECA PLC SPONSORED	94,778.	143,447.
ASTRONICS CORP	24,410.	17,888.
ASTRONOVA INC	5,331.	2,936.
AT&T INC	865,156.	2,239,987.
ATARA BIOTHERAPEUTICS INC	20,516.	22,860.
ATHENEX INC	31,935.	26,356.
ATKORE INTERNATIONAL GROUP INC	31,293.	49,402.
ATLANTIA S.P.A UNSPONSORED	48,061.	34,783.
ATLANTIC UNION BANKSHARES CORP	850,484.	846,189.
ATLAS COPCO AB SPONSORED	33,385.	32,642.
ATLAS CORPCO AB SPONSORED	16,958.	22,564.
ATLASSIAN CORP PLC CL A	121,298.	128,523.
ATMOS ENERGY CORPORATION	85,029.	99,108.
ATOS ORIGIN SA UNSPONSORED	29,400.	15,693.
ATRICURE INC	30,351.	31,860.
ATRION CORP	40,631.	38,327.
AU OPTRONICS CORP SPONSORED	96,582.	83,182.
AUDENTES THERAPEUTICS INC	42,195.	69,235.
AURORA INNOVATION INC	78,173.	78,170.
AUSTRALIA & NEW ZEALAND SPONSORED	95,560.	68,383.
AUTODESK INC	138,105.	318,853.
AUTOHOME INC SPONSORED	19,507.	23,843.
AUTOMATIC DATA PROCESSING INC	302,914.	574,585.
AUTOZONE INC	145,077.	221,584.
AVALONBAY COMMUNITIES INC	197,195.	230,251.
AVANTOR INC	543,060.	693,965.
AVERY DENNISON CORP	53,167.	83,594.
AVID BIOSERVICES INC	8,498.	10,516.
AVID TECHNOLOGY INC	7,457.	6,341.

AVIS BUDGET GROUP	61,281.	54,776.
AVIVA PLC SPONSORED	44,649.	35,716.
AVROBIO INC	13,836.	11,877.
AXA SPONSORED	58,194.	55,361.
AXOGEN INC	11,854.	18,087.
AXON ENTERPRISE INC	69,019.	118,127.
AXONICS MODULATION TECHNOLOGIES INC	23,924.	19,840.
AXOS FINANCIAL INC	39,605.	29,341.
AXSOME THERAPEUTICS INC	16,094.	66,460.
AZZ INC	9,662.	9,695.
B&G FOODS INC	5,349.	4,734.
BADGER METER INC	43,198.	49,087.
BAE SYSTEMS PLC SPONSORED	37,732.	33,399.
BAIDU INC SPONSORED	65,333.	35,013.
BAKER HUGHES CO	213,703.	133,865.
BALCHEM CORP	83,853.	86,386.
BALL CORP	94,337.	164,456.
BANCO BILBAO VIZCAYA SPONSORED	58,806.	36,861.
BANCO BRADESCO SPONSORED	35,882.	37,223.
BANCO DE CHILE SPONSORED	17,257.	12,531.
BANCO DO BRASIL SPONSORED	22,091.	26,819.
BANCO MACRO SA SPONSORED	10,044.	7,540.
BANCO SANTANDER BRASIL SPONSORED	46,758.	57,326.
BANCO SANTANDER CHILE SPONSORED	17,628.	13,681.
BANCO SANTANDER SA SPONSORED	110,358.	67,784.
BANCOLOMBIA S.A. SPONSORED	20,375.	24,546.
BANDWIDTH INC CL A	28,105.	22,738.
BANK MONTREAL QUEBEC	49,375.	50,995.
BANK OF AMERICA CORP	1,075,300.	2,230,588.
BANK OF CHINA LTD UNSPONSORED	56,566.	48,877.
BANK OF NEW YORK MELLON CORP	279,142.	329,309.
BANK OF NOVA SCOTIA HALIFAX	67,707.	60,557.
BANK OF NT BUTTERFIELD & SON LTD	18,584.	21,175.
BAOZUN INC SPONSORED	6,930.	5,995.
BARCLAYS PLC SPONSORED	51,662.	48,638.
BARNES GROUP INC	5,266.	6,196.
BARRETT BUSINESS SVCS INC	16,305.	17,097.
BARRICK GOLD CORP	33,710.	51,587.
BASF SE SPONSORED	82,089.	58,859.
BAUDAX BIO INC	1,078.	1,488.
BAUSCH HEALTH COMPANIES INC	10,665.	22,799.
BAXTER INTL INC	171,148.	337,407.
BAYER AG SPONSORED	111,875.	69,074.
BAYERISCHE MOTOREN WERKE SPONSORED	23,591.	19,038.
BB SEGURIDADE PARTICIPACOS SPONSORED	17,294.	24,251.
BEACON ROOFING SUPPLY INC	12,162.	10,777.
BECTON DICKINSON & CO	350,110.	573,313.
BECTON DICKINSON & CO	1,489,801.	2,071,867.
BEIERSDORF AG UNSPONSORED	11,586.	11,372.
BENEFITFOCUS INC	20,965.	17,157.
BERKSHIRE HATHAWAY INC-CL B	2,229,300.	3,459,108.
BERRY GLOBAL GROUP INC	993,245.	861,611.
BEST BUY COMPANY INC	63,209.	168,400.
BHP BILLITON PLC SPONSORED	29,928.	38,642.
BHP GROUP LTD SPONSORED	82,165.	106,137.
BIDVEST GROUP LTD SPONSORED	17,332.	20,601.
BIO RAD LABORATORIES CL A	1,104,487.	1,363,561.
BIOCRYST PHARMACEUTICALS INC	9,811.	10,126.

BIODELIVERY SCIENCES INTL INC	8,391.	13,607.
BIOGEN INC	381,610.	419,279.
BIOHAVEN PHARMACEUTICAL HOLDING CO	47,352.	58,469.
BIOLIFE SOLUTIONS INC	5,411.	5,259.
BIOSIG TECHNOLOGIES INC	5,382.	3,848.
BIOSPECIFICS TECHNOLOGIES	6,017.	5,922.
BIOTELEMETRY INC	41,557.	40,559.
BIOXCEL THERAPEUTICS INC	5,470.	7,583.
BJ'S RESTAURANTS	22,484.	20,726.
BJ'S RESTAURANTS	710,785.	797,388.
BJ'S WHOLESALE CLUB HOLDINGS	30,083.	28,243.
BJ'S WHOLESALE CLUB HOLDINGS	1,211,725.	1,062,094.
BLACKBAUD INC	111,212.	107,062.
BLACKBERRY LIMITED	12,835.	8,397.
BLACKLINE INC	56,156.	58,211.
BLACKROCK INC	332,997.	469,522.
BLOCK H & R INC	53,715.	35,478.
BLOOMIN BRANDS INC	43,242.	53,564.
BLUCORA INC	19,856.	23,970.
BLUE BIRD CORP	5,291.	6,303.
BLUEPRINT MEDICINES CORP	129,953.	108,149.
BLUEROCK RESIDENTIAL GROWTH	6,581.	6,760.
BNP PARIBAS SPONSORED	92,614.	69,445.
BOEING CO	664,638.	1,358,745.
BOEING CO	3,063,725.	4,835,907.
BOINGO WIRELESS INC	31,620.	15,275.
BOISE CASCADE CO	8,569.	8,840.
BOOKING HOLDINGS INC	1,028,284.	1,273,313.
BOOKING HOLDINGS INC	480,307.	683,892.
BOOT BARN HOLDINGS INC	14,646.	31,438.
BOOZ ALLEN HAMILTON HLDG	1,074,219.	2,083,255.
BORG WARNER AUTOMOTIVE INC	61,513.	62,207.
BOSTON BEER INC	99,572.	96,352.
BOSTON OMAHA CORP	5,303.	4,776.
BOSTON PROPERTIES INC	150,590.	167,500.
BOSTON SCIENTIFIC CORP	208,486.	480,101.
BOTTOMLINE TECHNOLOGIES DE INC	48,463.	60,622.
BOX INC	64,789.	63,479.
BOYD GAMING CORP	51,195.	57,934.
BP PLC SPONSORED	129,659.	131,033.
BRADY CORP CL A	52,505.	59,264.
BRAMBLES LTD SPONSORED	61,113.	65,908.
BRASKEM SA SPONSORED	16,537.	9,709.
BRENNTAG AG UNSPONSORED	32,381.	32,141.
BRF SA SPONSORED	18,019.	10,527.
BRIDGEBIO PHARMA INC	7,622.	13,354.
BRIDGESTONE CORPORATION UNSPONSORED	46,039.	37,572.
BRIGHTCOVE INC	11,680.	8,690.
BRINKER INTL INC	34,706.	36,624.
BRINKS CO	122,812.	127,043.
BRISTOL MYERS SQUIBB CO	467,536.	1,183,920.
BRITISH AMERN TOB PLC SPONSORED	169,105.	117,911.
BROADCOM INC	474,537.	988,511.
BROADRIDGE FINL SOLUTIONS INC	110,615.	119,463.
BROOKFIELD ASSET MANAGE-CL A	71,513.	101,497.
BROOKS AUTOMATION INC	32,419.	73,430.
BROWN FORMAN CORP CL B	58,457.	85,514.
BUILDERS FIRSTSOURCE	39,086.	72,825.

BUNZL PLC SPONSORED	34,962.	31,686.
BURBERRY GROUP PLC SPONSORED	18,480.	22,627.
BURLINGTON STORES INC	527,630.	1,349,025.
BYD CO LTD UNSPONSORED	19,577.	10,986.
CABOT MICROELECTRONICS CORP	86,966.	114,446.
CABOT OIL & GAS CORP	70,424.	58,202.
CACTUS INC CL A	39,270.	43,827.
CADENCE DESIGN SYSTEMS INC	77,510.	140,454.
CAE INC	43,257.	69,431.
CALAVO GROWERS INC	32,217.	38,773.
CALIFORNIA WTR SVC GROUP	67,406.	66,512.
CALITHERA BIOSCIENCES INC	5,317.	7,046.
CALIX INC	5,352.	6,152.
CAMECO CORP	17,242.	15,246.
CAMPBELL SOUP CO	72,366.	69,287.
CAMPING WORLD HOLDINGS INC	36,774.	12,219.
CANADIAN NATIONAL RAILWAY CO	75,944.	84,028.
CANADIAN NATURAL RESOURCES	53,773.	52,181.
CANADIAN PACIFIC RAILWAY LTD	36,321.	56,854.
CANON INC SPONSORED	96,878.	77,756.
CAPGEMINI SE UNSPONSORED	20,187.	20,609.
CAPITAL ONE FINANCIAL CORP	302,622.	381,590.
CAPRI HOLDINGS LTD	49,676.	41,812.
CARA THERAPEUTICS INC	25,211.	16,142.
CARDINAL HEALTH INC	189,083.	115,676.
CARDIOVASCULAR SYSTEM INC	39,643.	43,828.
CARDLYTICS INC	9,912.	22,567.
CARDTRONICS PLC CL A	23,622.	38,176.
CARE.COM INC	4,451.	7,425.
CAREDX INC	31,682.	22,066.
CAREER EDUCATION CORP	14,402.	33,488.
CARETRUST REIT INC	44,669.	38,805.
CARGURUS INC CL A	71,202.	68,953.
CARLSBERG A/S SPONSORED	28,521.	37,267.
CARMAX INC	77,165.	116,163.
CARNIVAL CORP	157,794.	149,847.
CARNIVAL PLC SPONSORED	37,590.	28,077.
CARREFOUR SA SPONSORED	27,798.	23,185.
CARTERS INC	943,836.	1,057,536.
CARVANA CO CL A	289,860.	312,970.
CASA SYSTEMS INC	5,442.	3,382.
CASELLA WASTE SYSTEMS INC CL A	56,610.	60,898.
CASI PHARMACEUTICALS INC	5,389.	5,191.
CASS INFORMATION SYS INC	22,886.	27,427.
CATALENT INC	1,071,095.	1,535,583.
CATALYST PHARMACEUTICALS INC	10,762.	9,548.
CATASYS INC	5,040.	4,322.
CATERPILLAR INC	336,711.	654,813.
CAVCO INDUSTRIES INC	35,103.	44,351.
CAVCO INDUSTRIES INC	941,457.	1,323,504.
CBOE GLOBAL MARKETS INC	64,637.	97,800.
CBRE GROUP INC	103,668.	160,825.
CDN IMPERIAL BK OF COMMERCE	33,245.	31,616.
CDW CORP	141,893.	167,408.
CECO ENVIRONMENTAL CORP	5,245.	4,504.
CELANESE CORP COMMON	91,419.	129,522.
CEL-SCI CORP	5,243.	7,530.
CELSIUS HOLDINGS INC	5,158.	5,526.

CEMEX SOUTH AMERICA SPONSORED	19,769.	7,991.
CENOVUS ENERGY INC	19,864.	20,056.
CENTENE CORP	119,022.	201,561.
CENTENE CORP	631,357.	762,802.
CENTERPOINT ENERGY INC	74,063.	101,335.
CENTRAIS ELETRICAS BRASIL SPONSORED	15,432.	24,661.
CENTRAL EUROPEAN MEDIA ENTRPRS CL-A	9,943.	10,605.
CENTRAL JAPAN RAI UNSPONSORED	37,302.	37,335.
CENTRICA PLC SPONSORED	32,063.	19,396.
CENTURY BANCORP INC CL A	5,056.	5,667.
CENTURY COMMUNITIES INC	5,921.	5,306.
CENTURYLINK INC	174,471.	93,315.
CERECOR INC	5,111.	5,913.
CERNER CORP	175,155.	195,217.
CERUS CORP	17,760.	13,415.
CEVA INC	13,208.	14,181.
CF INDUSTRIES HOLDINGS INC	87,431.	80,490.
CGI INC CL A	13,090.	20,676.
CH ROBINSON WORLDWIDE INC	67,380.	79,295.
CHANNELADVISOR CORP	6,669.	6,373.
CHARLES SCHWAB CORP	287,579.	428,611.
CHARLES SCHWAB CORP	767,222.	713,971.
CHART INDUSTRIES INC	33,683.	64,925.
CHARTER COMMUNICATIONS INC CL A	355,798.	609,746.
CHASE CORP	19,723.	22,867.
CHEESECAKE FACTORY INC	48,983.	43,212.
CHEFS WAREHOUSE	15,682.	24,314.
CHEGG INC	53,496.	119,037.
CHEMOCENTRYX INC	8,729.	42,516.
CHESAPEAKE UTILITIES CORP	38,997.	40,440.
CHEVRON CORP	1,391,518.	1,788,730.
CHIASMA INC	4,992.	4,211.
CHILDRENS PL INC NEW	42,628.	25,383.
CHINA CONSTR BK CORP UNSPONSORED	103,648.	104,077.
CHINA LIFE INSURANCE CO SPONSORED	39,305.	35,654.
CHINA MERCHANTS BANK UNSPONSORED	15,715.	21,682.
CHINA MOBILE LIMITED SPONSORED	67,165.	55,331.
CHINA OVERSEAS LD & INVT UNSPONSORED	87,300.	99,723.
CHINA PETE & CHEM CORP SPONSORED	30,915.	24,481.
CHINA SOUTHERN AIRLINES CO SPONSORED	13,196.	11,693.
CHINA TELECOM CORP LTD SPONSORED	17,685.	14,540.
CHINA UNICOM HONG KONG LTD SPONSORED	47,519.	34,754.
CHIPOTLE MEXICAN GRILL INC	137,719.	171,608.
CHR HANSEN HOLDINGS SPONSORED	27,254.	24,130.
CHROMADEX CORP	5,202.	4,918.
CHUBB LTD	406,707.	551,503.
CHUNGWA TELECOM LTD SPONSORED	83,958.	90,516.
CHURCH & DWIGHT INC	76,995.	126,893.
CHURCHILL DOWNS INC	113,919.	132,947.
CHUY'S HOLDINGS INC	5,438.	6,273.
CIA CERVECERIAS UNIDAS SPONSORED	48,823.	33,482.
CIA DE MINAS BUENAVENTUR SPONSORED	10,291.	12,156.
CIA SANEAMIENTO BASICO DE SPONSORED	17,618.	24,893.
CIE FINANCIERE RICH UNSPONSORED	52,749.	46,445.
CIELO SA SPONSORED	12,202.	7,104.
CIGNA CORP	453,942.	600,996.
CIGNA CORP	2,003,130.	2,269,430.
CIMAREX ENERGY CO	80,590.	36,166.

CIMPRESS PLC	53,569.	72,821.
CINCINNATI FINL CORP	85,109.	130,912.
CINTAS CORP	68,393.	166,022.
CISCO SYSTEMS INC	975,662.	1,587,716.
CISION LTD	26,169.	24,097.
CITIGROUP INC	921,546.	1,364,441.
CITIZENS FINANCIAL GROUP INC	76,940.	146,968.
CITRIX SYSTEMS INC	69,378.	115,336.
CITY HOLDING CO	5,322.	5,900.
CK HUTCHISON HOLDING UNSPONSORED	93,073.	68,835.
CLARUS CORP	5,457.	5,031.
CLEAR CHANNEL OUTDOOR HOLDINGS INC	5,266.	3,495.
CLEVELAND-CLIFFS INC	12,187.	9,307.
CLIPPER REALTY INC	5,389.	5,215.
CLOROX COMPANY	114,253.	143,253.
CLOUDERA INC	5,485.	11,618.
CLOVIS ONCOLOGY	14,917.	16,138.
CLP HOLDINGS LTD SPONSORED	11,502.	11,187.
CME GROUP INC	302,857.	564,224.
CMS ENERGY CORP	72,958.	128,068.
CNOOC LTD SPONSORED	42,359.	57,668.
COCA COLA AMATIL LTDSPONSORED	61,409.	75,684.
COCA-COLA COMPANY	48,430,512.	2,979,795,479.
COCA-COLA FEMSA SAB DE CV SPONSORED	22,029.	17,883.
CODA OCTOPUS GROUP INC	5,379.	3,599.
CODEXIS INC	31,115.	26,671.
COGENT COMMUNICATIONS HOLDINGS	68,813.	72,983.
COGNEX CORP	1,491,130.	1,521,822.
COGNIZANT TECHNOLOGY SOLUTIONS CORP	290,922.	264,763.
COHEN & STEERS	44,513.	53,848.
COHERUS BIOSCIENCES INC	12,062.	12,207.
COLGATE PALMOLIVE CO	459,499.	461,297.
COLLECTORS UNIVERSE INC	5,403.	5,325.
COLLEGIUM PHARMACEUTICAL INC	9,201.	17,452.
COLOPLAST A/S UNSPONSORED	35,751.	50,626.
COLUMBUS MCKINNON CORP NY	13,631.	14,771.
COMCAST CORP-CL A	1,130,837.	1,603,945.
COMERICA INC	59,372.	91,266.
COMFORT SYSTEMS USA INC	50,770.	47,906.
COMMERZBANK AG SPONSORED	29,784.	13,815.
COMMONWEALTH BK SPONSORED	137,020.	126,843.
COMMUNITY HEALTHCARE TRUST INC	24,912.	26,573.
COMMVAULT SYSTEM	46,696.	41,694.
COMPAGNIE DE ST GOBAIN UNSPONSORED	18,761.	12,909.
COMPANHIA BRASILEIRA SPONSORED	17,076.	14,872.
COMPANHIA ENERGETICA MINAS SPONSORED	6,618.	13,858.
COMPASS GROUP PLC SPONSORED	47,904.	54,591.
COMPASS MINERALS INTERNATIONAL INC	48,393.	54,925.
CONAGRA BRANDS INC	116,347.	124,839.
CONCHO RESOURCES	181,145.	133,106.
CONCHO RESOURCES	721,770.	608,174.
CONMED CORP	74,755.	98,075.
CONNECTONE BANCORP INC	5,401.	6,147.
CONOCOPHILLIPS	458,882.	572,069.
CONSOLIDATED EDISON INC	173,816.	226,085.
CONSTELLATION BRANDS INC	173,538.	235,859.
CONSTRUCTION PARTNERS INC CL A	5,253.	6,276.
CONTINENTAL AG SPONSORED	44,878.	23,085.

CONTINENTAL BUILDING PRODUCTS	8,868.	12,787.
COOPER COS INC	65,132.	113,415.
COPART INC	96,335.	154,871.
CORBUS PHARMACEUTICALS HOLDINGS	10,933.	9,637.
CORCEPT THERAPEUTICS INC	29,412.	30,903.
CORE-MARK HOLDINGS	46,423.	33,417.
CORESITE REALTY CORP	874,538.	880,254.
CORMEDIX INC	5,832.	4,717.
CORNERSTONE ONDEMAND INC	93,331.	89,933.
CORNING INC	122,447.	190,059.
CORTEVA INC	197,545.	172,276.
CORTEXIME INC	5,561.	7,803.
CORVEL CORP	21,589.	20,792.
COSTAR GROUP INC	795,066.	825,654.
COSTCO WHOLESALE CORP	573,486.	1,022,548.
COTY INC	77,112.	38,351.
COVANTA HOLDING CORP	60,228.	50,560.
COWEN INC CL A	5,561.	5,576.
CRACKER BARREL	90,749.	78,100.
CRAFT BREW ALLIANCE INC	10,809.	11,567.
CRAWFORD & CO CL A	5,444.	5,987.
CREDICORP LIMITED	35,361.	36,658.
CREDIT AGRICOLE S.A. UNSPONSORED	31,433.	25,356.
CREDIT SUISSE GROUP-SPONSORED	50,638.	44,963.
CRH PLC	50,912.	57,067.
CRINETICS PHARMACEUTICALS INC	13,013.	13,599.
CROCS INC	28,325.	72,763.
CROWN CASTLE INTL CORP NEW	292,435.	464,546.
CRYOLIFE INC	28,927.	26,061.
CRYOPORT INC	14,057.	11,769.
CSG SYS INTL INC	42,060.	44,997.
CSL LTD SPONSORED	78,163.	139,554.
CSW INDUSTRIALS INC	31,538.	34,727.
CSX CORP	165,576.	440,166.
CUBIC CORP	9,419.	8,963.
CUMMINS INC	137,553.	225,848.
CURO GROUP HOLDINGS CORP	5,380.	6,431.
CUSHMAN & WAKEFIELD PLC	47,781.	52,040.
CUTERA INC	17,447.	15,935.
CVR ENERGY INC	21,087.	16,010.
CVS HEALTH CORP	964,074.	752,483.
CYCLERION THERAPEUTICS INC	9,907.	2,660.
CYMABAY THERAPEUTICS INC	11,637.	3,565.
CYTOKINETICS INC	16,331.	14,928.
CYTOMX THERAPEUTICS INC	15,412.	11,002.
CYTOSORBENTS CORP	5,866.	3,111.
D R HORTON INC	75,703.	129,871.
DAI NIPPON PRINT SPONSORED	28,810.	32,008.
DAIICHI SANKYO CO SPONSORED	28,246.	81,267.
DAIKIN INDUSTRIES UNSPONSORED	54,277.	76,442.
DAIMLER AG UNSPONSORED	61,906.	42,926.
DAITO TRUST CONSTRUCTION SPONSORED	107,385.	75,522.
DAIWA HOUSE UNSPONSORED	106,371.	95,524.
DAIWA SECURITIES GROUP INC SPONSORED	18,894.	15,723.
DANAHER CORP	392,688.	767,860.
DANONE SPONSORED	53,200.	55,126.
DANSKE BANK A/S SPONSORED	29,096.	12,574.
DARDEN RESTAURANTS INC	55,664.	98,763.

DASSAULT SYS S A SPONSORED	32,412.	50,011.
DAVE & BUSTER'S ENTERTAINMENT	40,400.	39,688.
DAVITA INC	58,343.	56,498.
DBS GROUP HLDGS LTD SPONSORED	75,257.	95,756.
DECIPHERA PHARMACEUTICALS INC	14,133.	35,788.
DECKERS OUTDOOR CORP	55,884.	135,932.
DEERE & CO	222,026.	426,739.
DELTA AIR LINES INC	221,385.	257,020.
DENALI THERAPEUTICS INC	25,413.	22,036.
DENNY'S CORPORATION	25,218.	23,061.
DENSO CORPORATION UNSPONSORED	43,074.	39,510.
DENTSPLY SIRONA INC	98,766.	93,883.
DERMIRA INC	10,561.	18,662.
DESIGNER BRANDS INC CL A	10,872.	9,538.
DEUTSCHE BOERSE AG UNSPONSORED	52,468.	72,431.
DEUTSCHE POST AG SPONSORED	84,997.	75,186.
DEUTSCHE TELEKOM AG SPONSORED	40,626.	36,457.
DEVON ENERGY CORPORATION	95,161.	80,195.
DIAGEO PLC SPONSORED	90,336.	116,041.
DIAMONDBACK ENERGY INC	137,214.	115,425.
DICERNA PHARMACEUTICALS INC	22,358.	32,979.
DIEBOLD NIXDORF INC	9,717.	11,046.
DIGIMARC CORP	12,638.	9,598.
DIGITAL REALTY TRUST INC	162,923.	189,069.
DIGITAL TURBINE INC	12,638.	16,677.
DINE BRANDS GLOBAL INC	29,904.	26,893.
DIODES INC	9,620.	14,656.
DISCOVER FINL SVCS	140,903.	209,166.
DISCOVERY INC SER A	45,669.	50,616.
DISCOVERY INC SER C	76,001.	91,622.
DISH NETWORK CORP CL A	121,932.	79,346.
DISNEY WALT CO NEW	1,292,181.	2,031,762.
DMC GLOBAL INC	13,172.	22,785.
DNB ASA SPONSORED	28,574.	27,227.
DOLLAR GENERAL CORP	878,340.	1,644,809.
DOLLAR GENERAL CORP	144,233.	317,575.
DOLLAR TREE INC	132,500.	181,611.
DOMINION ENERGY INC	383,167.	535,100.
DOMO INC CL B	12,549.	9,904.
DORIAN LPG LIMITED	5,292.	8,669.
DORMAN PRODUCTS	59,539.	55,276.
DORMAN PRODUCTS	1,014,603.	1,083,175.
DOUGLAS DYNAMICS	23,575.	32,505.
DOVER CORP	56,922.	129,668.
DOW INC	305,203.	318,966.
DR REDDYS LABS LTD SPONSORED	65,634.	75,316.
DRIL-QUIP INC	281,262.	302,710.
DRIVE SHACK INC	5,215.	3,993.
DSP GROUP INC	5,446.	5,777.
DSV PANALPINA A/S UNSPONSORED	43,800.	67,777.
DTE ENERGY CO	138,963.	201,818.
DUCOMMUN INC	4,269.	6,114.
DUKE ENERGY CORP	235,078.	511,232.
DUKE REALTY CORPORATION	81,585.	99,538.
DULUTH HOLDINGS INC	5,228.	4,149.
DUPONT DE NEMOURS INC	437,216.	374,158.
DXC TECHNOLOGY CO	120,355.	77,360.
DYCOM INDUSTRIES INC	34,665.	30,223.

DYNAVAX TECHNOLOGIES CORP	9,223.	14,380.
E ON SE SPONSORED	44,466.	41,890.
E TRADE FINANCIAL CORP	54,328.	90,196.
EAGLE BANCORP INC	5,293.	4,814.
EAGLE MATERIALS INC	944,320.	881,940.
EAGLE PHARMACEUTICALS INC	13,338.	14,720.
EAST JAPAN RAILWAY CO UNSPONSORED	45,863.	45,510.
EASTERLY GOVERNMENT PROPERTIES	7,591.	9,706.
EASTERLY GOVERNMENT PROPERTIES	1,125,001.	1,339,250.
EASTGROUP PPTYS INC	107,121.	119,403.
EASTMAN CHEMICAL CO	76,696.	82,985.
EATON CORP PLC	150,151.	304,525.
EBAY INC	182,838.	227,312.
EBIX INCORPORATED	27,569.	20,514.
ECOLAB INC	244,309.	383,085.
ECOPETROL SPONSORED	18,467.	29,980.
EDF UNSPONSORED	39,043.	32,350.
EDISON INTERNATIONAL	170,836.	204,738.
EDITAS MEDICINE INC	36,637.	44,652.
EDP-ENERGIAS DE PORTUGAL SPONSORED	22,286.	24,814.
EDWARDS LIFESCIENCES CORP	140,296.	383,295.
EGAIN CORP	5,410.	5,417.
EHEALTH INC	56,416.	61,299.
EIDOS THERAPEUTICS INC	11,471.	16,815.
EIGER BIOPHARMACEUTICALS INC	7,069.	9,223.
EISAI LTD SPONSORED	28,755.	41,085.
EL PASO ELEC CO	9,138.	9,369.
ELANCO ANIMAL HEALTH INC	0.	1,199.
ELBIT SYSTEMS LTD	42,330.	46,828.
ELDORADO RESORTS INC	43,505.	108,903.
ELECTRONIC ARTS INC	178,715.	239,962.
ELEVATE CREDIT INC	5,282.	5,603.
EMCOR GROUP INC	69,783.	96,397.
EMERGENT BIOSOLUTIONS INC	45,438.	72,401.
EMERSON ELEC CO	248,382.	374,360.
ENAGAS UNSPONSORED	27,003.	23,880.
ENANTA PHARMACEUTICALS INC	42,840.	27,986.
ENBRIDGE INC	88,592.	89,085.
ENCANA CORP	28,346.	11,753.
ENDO INTERNATIONAL PLC	19,707.	6,833.
ENDURANCE INTERNATIONAL GROUP	8,595.	8,883.
ENEL AMERICAS SA SPONSORED	25,074.	29,558.
ENEL CHILE SA SPONSORED	15,179.	11,994.
ENEL SPA UNSPONSORED	81,697.	105,221.
ENERGOUS CORP	5,263.	2,057.
ENERGY RECOVERY INC	11,429.	9,604.
ENERSYS COM	50,388.	57,320.
ENGIE SPONSORED	17,038.	15,879.
ENI SPA SPONSORED	38,656.	36,533.
ENN ENERGY HOLDINGS LTD UNSPONSORED	35,978.	39,654.
ENOVA INTERNATIONAL INC	8,513.	13,738.
ENPHASE ENERGY INC	54,317.	67,990.
ENSIGN GROUP INC	63,479.	60,614.
ENSTAR GROUP LTD	7,272.	8,481.
ENTEGRA FINANCIAL CORP	5,373.	5,429.
ENTEGRIS INC	862,406.	1,054,244.
ENTERGY CORP	120,390.	191,201.
ENVESTNET INC	963,065.	974,472.

ENVESTNET INC	93,638.	90,798.
EOG RES INC	409,954.	388,060.
EPAM SYSTEMS INC	612,223.	990,575.
EPIZYME INC	20,557.	40,934.
EPLUS INC	22,042.	26,214.
EQUIFAX INC	92,902.	121,904.
EQUINIX INC	230,913.	389,328.
EQUINOR ASA SPONSORED	44,741.	39,820.
EQUITY RESIDENTIAL PPTYS TR	213,433.	226,981.
ERICSSON SPONSORED	21,864.	34,365.
ERSTE GROUP BANK AG SPONSORED	41,107.	35,363.
ESCO TECHNOLOGIES INC	52,419.	58,738.
ESPERION THERAPEUTICS INC	28,814.	39,237.
ESSENT GROUP LTD	60,529.	67,171.
ESSEX PROPERTY TRUST INC	115,117.	152,536.
ESSILORLUXOTTICA SA UNSPONSORED	35,622.	42,278.
ESSITY AKTIEBOLAG SPONSORED	24,017.	29,260.
EVENTBRITE INC CL A	15,681.	19,464.
EVERBRIDGE INC	89,305.	71,053.
EVEREST RE GROUP LIMITED	75,913.	82,221.
EVERGY INC	101,444.	119,310.
EVERI HOLDINGS INC	21,374.	23,986.
EVERQUOTE INC CL A	14,470.	21,984.
EVERSOURCE ENERGY	127,840.	207,656.
EVERTEC INC	58,127.	59,808.
EVO PAYMENTS INC CL A	24,681.	21,815.
EVOLENT HEALTH INC CL A	5,191.	6,525.
EVOLUS INC	7,138.	5,136.
EVOLUTION PETROLEUM	5,239.	4,535.
EVOQUA WATER TECHNOLOGIES CORP	27,772.	37,464.
EXELON CORP	228,278.	339,691.
EXLSERVICE HOLDINGS	55,905.	61,472.
EXP WORLD HOLDINGS INC	5,479.	5,654.
EXPEDIA GROUP INC	145,430.	122,414.
EXPEDITORS INTL WASH INC	63,083.	101,894.
EXPERIAN GROUP LTD SPONSORED	27,499.	46,628.
EXPONENT INC	83,139.	94,337.
EXPONENT INC	982,645.	1,864,374.
EXTRA SPACE STORAGE INC	89,895.	106,676.
EXTREME NETWORKS INC	35,647.	22,744.
EXXONMOBIL CORP	981,793.	2,316,417.
F5 NETWORKS INC	55,700.	64,099.
FABRINET	51,368.	63,414.
FACEBOOK INC-A	2,152,518.	3,870,605.
FACEBOOK INC-A	4,002,884.	6,034,761.
FALCON MINERALS CORP	5,377.	4,886.
FANUC CORP UNSPONSORED	53,399.	48,224.
FARO TECHNOLOGIES INC	21,759.	21,651.
FAST RETAILING CO UNSPONSORED	30,328.	53,575.
FASTENAL CO	81,343.	153,860.
FATE THERAPEUTICS INC	35,602.	31,469.
FB FINANCIAL CORP	17,525.	18,093.
FEDERAL AGRIC MTG CORP-CL C	2,144.	6,096.
FEDERAL REALTY INVESTMENT TRUST	78,738.	67,197.
FEDERAL SIGNAL CORP	40,283.	47,924.
FEDERATED INVESTORS INC-CL B	97,278.	96,108.
FEDERATED MONEY MKT OBLIGS TR	6,517,201.	6,517,183.
FEDEX CORPORATION	300,017.	283,065.

FEDNAT HOLDING CO	5,238.	6,619.
FERGUSON PLC SPONSORED	29,761.	40,570.
FERRARI NV	34,539.	51,152.
FERRO CORP	25,587.	26,012.
FERROVIAL SA UNSPONSORED	36,447.	54,067.
FIAT CHRYSLER AUTOMOBILES NV	30,872.	26,324.
FIBROGEN INC	90,008.	83,464.
FIDELITY NATL INFORMATION SVCS INC	500,345.	672,083.
FIDELITY NATL INFORMATION SVCS INC	578,054.	719,373.
FIFTH THIRD BANCORP	111,228.	169,839.
FIRST FINL BANKSHARES INC	101,836.	120,569.
FIRST FOUNDATION INC	5,344.	6,734.
FIRST INDUSTRIAL REALTY TR	15,689.	17,268.
FIRST REPUBLIC BANK	128,988.	158,323.
FIRSTCASH INC	129,807.	100,707.
FIRSTENERGY CORP	146,491.	209,806.
FISERV INC	298,252.	518,254.
FITBIT INC	5,314.	7,937.
FIVE BELOW	586,133.	1,495,962.
FIVE9 INC	33,258.	108,338.
FLEETCOR TECHNOLOGIES INC	156,264.	204,281.
FLEXION THERAPEUTICS INC	10,858.	20,079.
FLIR SYSTEMS INC	25,526.	51,081.
FLOWSERVE CORP	41,044.	45,689.
FLUENT INC	5,746.	2,603.
FLUIDIGM CORP	21,587.	7,096.
FLUTTER ENTMT PLC UNSPONSORED	19,887.	24,098.
FMC CORP	38,114.	96,825.
FOCUS FINANCIAL PARTNERS INC CL A	22,512.	23,576.
FOMENTO ECONOMICO MEXICANO SPONSORED	20,476.	19,942.
FORD MOTOR CO DEL	438,053.	285,147.
FORESCOUT TECHNOLOGIES INC	40,821.	35,162.
FORRESTER RESEARCH INC	13,763.	11,718.
FORTERRA INC	5,722.	11,098.
FORTESCUE METALS GROUP SPONSORED	17,443.	30,472.
FORTINET INC	84,511.	115,194.
FORTIVE CORP	111,580.	168,440.
FORTUNE BRANDS HOME & SECURITY, INC	63,274.	72,723.
FORTY SEVEN INC	10,164.	25,827.
FORWARD AIR CORP	44,858.	52,463.
FOSTER LB COMPANY	5,226.	3,876.
FOUNDATION BUILDING MATERIALS INC	5,296.	5,940.
FOUR CORNERS PROPERTY TRUST INC	61,683.	63,794.
FOX CORP CL A	109,671.	99,718.
FOX CORP CL B	49,758.	45,027.
FOX FACTORY HOLDING CORP	86,712.	74,162.
FRANCO NEVADA CORP	27,916.	38,118.
FRANKLIN COVEY	9,062.	8,283.
FRANKLIN ELECTRIC CO INC	65,966.	82,942.
FRANKLIN RESOURCES INC	95,660.	61,780.
FREEMPORT-MCMORAN INC	135,131.	144,950.
FRESENIUS MED CARE AG & CO SPONSORED	31,289.	23,534.
FRESENIUS SE & CO KGAA SPONSORED	35,386.	24,053.
FRESHPET INC	22,493.	59,917.
FTI CONSULTING INC	8,689.	10,291.
FUCHS PETROLUB SE ADR	42,885.	35,653.
FUJIFILM HOLDINGS CORP UNSPONSORED	60,042.	73,304.
FUNKO INC CL A	10,528.	7,688.

G1 THERAPEUTICS INC	12,487.	13,955.
G4S PLC UNSPONSORED	17,371.	13,718.
GALECTIN THERAPEUTICS INC	5,378.	3,935.
GALLAGHER ARTHUR J & CO	89,224.	145,035.
GALP ENERGIA SGPS SA UNSPONSORED	20,848.	18,166.
GAP INC	43,135.	28,058.
GARDNER DENVER HOLDINGS INC	1,151,529.	1,561,284.
GARMIN LTD	47,201.	101,170.
GARTNER INC CL A	1,293,277.	1,604,643.
GARTNER INC CL A	71,205.	100,936.
GASLOG LTD	10,216.	6,922.
GCP APPLIED TECHNOLOGIES INC	33,303.	34,292.
GDS HOLDINGS LTD SPONSORED	13,781.	17,228.
GEA GROUP AG SPONSORED	26,367.	19,256.
GEELY AUTOMOBILE HLDGS UNSPONSORED	40,318.	24,667.
GENERAC HOLDINGS	126,187.	184,080.
GENERAL DYNAMICS CORP	278,789.	320,781.
GENERAL ELECTRIC CORP	343,643.	752,463.
GENERAL MLS INC	264,230.	249,750.
GENERAL MOTORS CO	337,934.	351,506.
GENIE ENERGY LTD CL B	5,389.	3,726.
GENMAB A/S SPONSORED	28,662.	30,480.
GENMARK DIAGNOSTICS INC	9,028.	6,917.
GENTHERM INC	35,629.	40,617.
GENUINE PARTS CO	95,803.	112,710.
GERDAU SA SPONSORED	10,291.	13,715.
GIBRALTAR INDUSTRIES INC	635,869.	702,024.
GILDAN ACTIVEWEAR INC-CL A	33,018.	31,656.
GILEAD SCIENCES INC	1,041,810.	631,736.
GIVAUDAN SA UNSPONSORED	45,927.	66,574.
GLACIER BANCORP INC	667,385.	884,572.
GLACIER BANCORP INC	12,558.	14,947.
GLAUKOS CORP	66,136.	57,030.
GLAXOSMITHKLINE PLC SPONSORED	111,279.	131,008.
GLENORE PLC UNSPONSORED	20,020.	13,190.
GLOBAL BLOOD THERAPEUTICS INC	89,172.	126,707.
GLOBAL PAYMENTS INC	1,867,646.	2,959,663.
GLOBAL PAYMENTS INC	170,809.	415,507.
GLOBANT SA	16,797.	16,968.
GLOBE LIFE INC	45,700.	82,306.
GLOBUS MEDICAL INC	103,877.	118,231.
GLU MOBILE INC	22,344.	18,501.
GLYCOMIMETICS INC	11,073.	4,724.
GMS INC	10,794.	9,451.
GOGO INC	7,217.	9,632.
GOLAR LNG LTD	5,222.	4,195.
GOLD FIELDS LTD SPONSORED	22,428.	35,732.
GOLDMAN SACHS GROUP INC	482,238.	577,354.
GOOSEHEAD INSURANCE INC CL A	13,184.	12,508.
GOPRO INC	15,806.	12,903.
GORMAN RUPP CO	16,271.	19,575.
GOSSAMER BIO INC	12,320.	11,785.
GRACO INC	788,290.	1,004,328.
GRAINGER W W INC	78,895.	128,299.
GRAND CANYON EDUCATION INC	894,177.	731,740.
GRANITE CONSTRUCTION INC	7,765.	5,091.
GRAY TELEVISION INC	17,264.	20,947.
GREAT LAKES DREDGE & DOCK CORP	15,513.	16,157.

GREEN BRICK PARTNERS INC	5,243.	6,452.
GREEN DOT CORP CL A	26,669.	25,793.
GREENHILL & CO	6,522.	7,584.
GRIFOLS S.A. SPONSORED	22,094.	24,781.
GRITSTONE ONCOLOGY INC	5,371.	4,620.
GROUPON INC	41,739.	29,344.
GRUPO AEROPORTUARIO PAC SPONSORED	25,082.	27,873.
GRUPO AEROPORTUARIO SPONSORED	36,296.	34,105.
GRUPO AVAL ACCIONES Y VAL SPONSORED	18,758.	17,824.
GRUPO TELEVISA SA DE CV SPONSORED	32,700.	20,868.
GTT COMMUNICATIONS INC	12,670.	9,965.
GUANGSHEN RAILWAY CO SPONSORED	75,079.	78,634.
H LUNDBECK SPONSORED	40,541.	29,880.
H&E EQUIPMENT SERVICES INC	22,557.	21,964.
H.B. FULLER CO	49,184.	53,169.
HACKETT GROUP	9,699.	9,442.
HAEMONETICS CORP	111,875.	160,056.
HALLIBURTON CO	266,141.	164,708.
HALOZYME THERAPEUTICS INC	73,218.	77,427.
HAMILTON LANE INC CL A	29,938.	40,886.
HANESBRANDS INC	75,706.	39,130.
HANG LUNG PPTYS LTD SPONSORED	62,913.	66,006.
HANGER INC	5,388.	8,725.
HANMI FINANCIAL CORP	5,345.	4,939.
HANNON ARMSTRONG SUSTAINABLE	16,567.	19,115.
HANNOVER RUECKVERSICHER SPONSORED	21,733.	28,445.
HARBORONE BANCORP INC	16,785.	17,617.
HARLEY DAVIDSON INC	59,212.	45,855.
HARSCO CORPORATION	53,610.	49,656.
HARTFORD FINL SVCS GROUP INC	142,011.	179,879.
HASBRO INC	84,775.	111,947.
HCA HEALTHCARE INC	144,008.	308,775.
HCA HEALTHCARE INC	1,348,809.	1,906,010.
HEALTH INSURAN-A	5,550.	4,977.
HEALTHCARE SVCS GROUP INC	61,115.	47,764.
HEALTHEQUITY INC	140,548.	137,770.
HEALTHPEAK PROPERTIES INC	123,046.	127,194.
HEALTHSTREAM INC	20,398.	20,890.
HEARTLAND EXPRESS INC	5,312.	5,999.
HEIDELBERGCEMENT AG UNSPONSORED	27,837.	21,141.
HEINEKEN HOLDING NV SPONSORED	71,926.	76,489.
HEINEKEN NV SPONS ADR	41,615.	44,187.
HELEN OF TROY LIMITED	106,634.	129,089.
HELIOS TECHNOLOGIES INC	35,558.	35,782.
HELMERICH & PAYNE INC	46,222.	35,663.
HENGAN INTL GROUP CO LTD UNSPONSORED	13,346.	11,933.
HENKEL AG & CO KGAA SPONSORED	45,753.	35,166.
HENKEL AG & CO KGAA SPONSORED	32,043.	24,201.
HENNES & MAURITZ AB UNSPONSORED	32,749.	28,976.
HENRY SCHEIN INC	67,719.	76,528.
HERITAGE-CRYSTAL CLEAN INC	8,272.	13,081.
HERMES INTERNATIONAL UNSPONSORED	45,907.	64,467.
HERON THERAPEUTICS INC	39,662.	48,739.
HESKA CORP	13,574.	16,118.
HESS CORPORATION	109,757.	130,480.
HEWLETT PACKARD ENTERPRISE COMPANY	89,801.	169,290.
HEXAGON AB UNSPONSORED	50,143.	56,333.
HEXCEL CORP	1,253,744.	1,330,430.

HILLENBRAND INC	38,371.	36,208.
HILTON WORLDWIDE HOLDINGS INC	597,580.	962,699.
HILTON WORLDWIDE HOLDINGS INC	160,445.	247,773.
HITACHI LTD SPONSORED	71,870.	85,190.
HMS HLDGS CORP	81,777.	72,106.
HNI CORP	31,050.	33,714.
HOLLYFRONTIER CORP	76,936.	53,955.
HOLOGIC INC	70,517.	105,830.
HOME DEPOT INC	1,055,167.	1,853,173.
HOMETRUST BANCSHARES INC	5,475.	5,795.
HOMOLOGY MEDICINES INC	13,173.	13,269.
HONDA MOTOR LTD SPONSORED	70,624.	67,519.
HONEYWELL INTERNATIONAL INC	467,408.	540,204.
HONEYWELL INTERNATIONAL INC	567,489.	1,000,050.
HONG KONG EXCHANGES UNSPONSORED	49,460.	57,749.
HORMEL FOODS CORPORATION	69,599.	87,874.
HOST HOTELS & RESORTS, INC	89,776.	99,224.
HOULIHAN LOKEY INC CL A	46,398.	51,900.
HOYA CORPORATION SPONSORED	37,921.	61,310.
HP INC	159,455.	248,100.
HSBC HOLDINGS PLC SPONSORED	214,876.	171,410.
HUANENG PWR INTL INC SPONSORED	18,604.	14,766.
HUAZHU GROUP LTD SPONSORED	19,240.	18,432.
HUBSPOT INC	573,627.	623,698.
HUDSON LTD CL A	5,361.	5,891.
HUMANA INC	576,265.	623,084.
HUMANA INC	191,731.	383,013.
HUNT JB TRANS SVCS	46,836.	72,053.
HUNT JB TRANS SVCS	528,658.	571,872.
HUNTINGTON BANCSHARES INC	76,543.	118,815.
HUNTINGTON INGALLS INDUSTRIES	75,931.	83,543.
HURON CONSULTING GROUP	5,403.	6,872.
HUTCHINSON CHINA MEDITECH SPONSORED	22,285.	21,686.
HYPERA SA SPONSORED	17,249.	14,272.
I3 VERTICALS INC CL A	10,740.	12,882.
IAC INTERACTIVECORP	863,148.	1,026,831.
IBERDROLA SA SPONSORED	40,587.	52,464.
ICF INTERNATIONAL INC	10,341.	27,303.
ICICI BANK LTD SPONSORED	65,485.	110,383.
ICU MED INC	1,043,986.	1,060,035.
IDEX CORP	93,711.	99,416.
IDEXX LABS INC	73,171.	164,773.
IDT CORP CL B	5,398.	3,591.
IHS MARKIT LTD	160,767.	241,346.
II-VI INC	63,637.	57,104.
ILLINOIS TOOL WKS INC	214,440.	404,886.
ILLUMINA INC	204,539.	375,198.
IMAX CORP	27,963.	28,214.
IMMUNOGEN INC	5,369.	12,038.
IMMUNOMEDICS INC	67,676.	95,749.
IMPERIAL BRANDS PLC SPONSORED	48,032.	27,602.
IMPERIAL OIL LTD	52,261.	44,496.
IMPINJ INC	13,361.	10,085.
INCYTE CORPORATION	184,919.	128,710.
INDEPENDENT BANK GROUP INC	15,650.	14,470.
INDEPENDENT BK CORP MA	4,555.	6,161.
INDITEX UNSPONSORED	58,887.	56,244.
INDUST & COMM BANK CHINA UNSPONSORED	71,941.	73,921.

INFINEON TECHNOLOGIES AG SPONSORED	16,526.	14,918.
INFOSYS LTD SPONSORED	85,898.	116,348.
ING GROEP NV SPONSORED	67,717.	44,718.
INGENICO GROUP UNSPONSORED	22,864.	25,982.
INGERSOLL-RAND PLC	107,907.	243,775.
INGEVITY CORP	117,447.	101,536.
INNOSPEC INC	51,034.	57,306.
INNOVATIVE INDUSTRIAL PROP CL A	12,664.	19,574.
INNOVIVA INC	22,754.	23,888.
INOGEN INC	35,927.	32,935.
INOVALON HOLDINGS INC	27,498.	34,949.
INOVIO PHARMACEUTICALS INC	7,603.	9,606.
INPHI CORP	75,781.	94,005.
INSIGHT ENTERPRISES INC	11,985.	24,250.
INSMED INC	52,133.	59,342.
INSPERITY INC	44,365.	92,063.
INSPIRE MEDICAL SYSTEMS INC	24,130.	26,122.
INSTALLED BUILDING PRODUCTS	32,597.	41,184.
INSTRUCTURE INC	32,861.	42,810.
INSULET CORP	369,395.	772,797.
INTEGER HOLDINGS CORPORATION	35,116.	50,590.
INTEL CORP	1,182,265.	2,036,755.
INTELLIA THERAPEUTICS INC	11,440.	10,049.
INTELLIGENT SYSTEMS CORP	8,549.	8,467.
INTER PARFUMS INC	30,587.	33,737.
INTERCEPT PHARMACEUTICALS INC	50,659.	90,957.
INTERCONTINENTAL EXCHANGE INC	217,290.	393,708.
INTERCONTINENTAL EXCHANGE INC	473,098.	690,053.
INTERCONTINENTAL HOTELS SPONSORED	27,504.	35,640.
INTERDIGITAL INC	55,574.	45,772.
INTERFACE INC	21,277.	23,425.
INTERNATIONAL FLAVORS & FRAGRANCES	103,866.	107,861.
INTERNATIONAL MONEY EXPRESS	5,330.	4,491.
INTERNATIONAL PAPER CO	130,185.	137,459.
INTERPUBLIC GROUP COS INC	64,212.	65,673.
INTERSECT ENT INC	24,779.	20,169.
INTESA SANPAOLO SPONSORED	52,493.	38,932.
INTL BUSINESS MACHINES CORP	978,476.	920,453.
INTRA-CELLULAR THERAPIES INC	6,780.	19,934.
INTREXON CORP	5,548.	4,006.
INTRICON CORP	5,281.	4,680.
INTUIT INC	233,943.	532,504.
INTUIT INC	1,337,364.	2,349,250.
INTUITIVE SURGICAL INC	197,798.	539,129.
INTUITIVE SURGICAL INC	871,091.	2,278,883.
INVESCO LTD	100,069.	52,879.
INVITAE CORP	58,679.	39,889.
IOVANCE BIOTHERAPEUTICS INC	79,258.	89,434.
IPG PHOTONICS	80,161.	48,113.
IQVIA HOLDINGS INC	155,015.	224,658.
IRADIMED CORP	5,474.	6,944.
IRHYTHM TECHNOLOGIES INC	37,756.	45,348.
IROBOT CORP	69,019.	37,669.
IRON MOUNTAIN INC	76,605.	68,871.
IRONWOOD PHARMACEUTICALS INC	47,890.	60,268.
ISRAEL CHEMICALS LTD	16,857.	17,800.
ISTAR INC	13,972.	16,803.
ITAU UNIBANCO HOLDING SPONSORED	36,497.	36,380.

ITERIS INC	5,435.	4,825.
ITOCHU CORPORATION UNSPONSORED	26,499.	33,641.
ITRON INC	54,038.	75,975.
J & J SNACK FOODS CORP	78,725.	88,634.
J SAINSBURY PLC SPONSORED	42,110.	35,869.
J2 GLOBAL INC	112,261.	118,637.
JACK HENRY & ASSOC INC	86,770.	89,441.
JACK IN THE BOX INC	8,166.	8,193.
JACOBS ENGINEERING GROUP INC	56,426.	100,250.
JAGGED PEAK ENERGY INC	8,553.	9,263.
JAMES HARDIE INDS-SPONSORED	31,656.	42,422.
JAMES RIVER GROUP HOLDINGS LTD	418,997.	435,384.
JAMES RIVER GROUP HOLDINGS LTD	17,608.	15,413.
JAPAN EXCHANGE GROUP INC UNSPONSORED	36,389.	37,258.
JAPAN TOBACCO INC UNSPONSORED	48,607.	32,515.
JARDINE MATHESON UNSPONSORED	73,073.	61,714.
JAZZ PHARMACEUTICALS PLC	1,015,836.	1,011,073.
JBS SA SPONSORED	10,489.	25,177.
JD COM INC SPONSORED	53,704.	44,848.
JELD-WEN HOLDING INC	33,461.	37,198.
JGC CORP UNSPONSORED	25,837.	26,276.
JM SMUCKER CO	95,775.	85,491.
JOHN B SANFILIPPO & SON	17,276.	19,443.
JOHN BEAN TECHNOLOGIES CORP	99,300.	92,832.
JOHNSON & JOHNSON	2,134,869.	2,999,671.
JOHNSON CONTROLS INTERNATIONAL PLC	288,959.	247,150.
JOHNSON OUTDOORS INC CL A	4,620.	13,116.
JOYY INC	15,168.	10,347.
JP MORGAN CHASE & CO	427,286.	3,420,458.
JULIUS BAER GROUP LTD UNSPONSORED	57,850.	50,693.
JUNIPER NETWORKS INC	86,927.	67,708.
K12 INC	3,159.	3,561.
KADANT INC	11,994.	30,549.
KADMON HOLDINGS INC	9,165.	15,570.
KAISER ALUMINUM CORP	22,956.	26,614.
KALA PHARMACEUTICALS INC	5,363.	3,266.
KALVISTA PHARMACEUTICALS INC	5,434.	5,575.
KANSAS CITY SOUTHERN	63,424.	116,708.
KAO CORP UNSPONSORED	57,006.	78,009.
KARYOPHARM THERAPEUTICS INC	15,818.	37,094.
KASIKORNBANK PUBLIC COMPANY LTD	77,310.	57,523.
KB FINANCIAL GROUP INC SPONSORED	125,383.	112,899.
KB HOME COM	8,347.	15,490.
KBC GROUP NV UNSPONSORED	50,904.	46,036.
KDDI CORP UNSPONSORED	40,223.	45,385.
KEARNY FINANCIAL CORP OF MARYLAND	11,903.	12,212.
KELLOGG CO	127,199.	124,211.
KENNEDY-WILSON HOLDINGS INC	34,098.	36,773.
KERING SA UNSPONSORED	45,922.	75,883.
KEYCORP	100,659.	159,107.
KEYSIGHT TECHNOLOGIES INC	82,038.	144,298.
KFORCE INC	16,070.	23,701.
KIMBALL INTL INC CL B	11,526.	16,805.
KIMBERLY CLARK CORP	328,346.	371,523.
KIMCO REALTY CORP	81,383.	63,725.
KINDER MORGAN INC	381,882.	319,222.
KINDRED BIOSCIENCES INC	20,180.	24,812.
KINGFISHER PLC SPONSORED	21,741.	14,594.

KINROSS GOLD CORP	15,482.	18,576.
KINSALE CAPITAL GROUP INC	23,673.	53,981.
KIRIN HOLDINGS COMPANY SPONSORED	60,962.	58,325.
KLA CORP	87,635.	214,517.
KNOLL INC	28,170.	30,792.
KOC HOLDING AS UNSPONSORED	37,005.	31,884.
KODIAK SCIENCES INC	13,783.	69,935.
KOHL'S CORP	56,030.	62,108.
KOMATSU LTD SPONSORED	44,296.	37,406.
KONE OYJ UNSPONSORED	38,514.	45,120.
KONINKLIJKE AHOLD DELHAIZE SPONSORED	32,079.	44,126.
KONINKLIJKE DSM NV SPONSORED	29,204.	47,785.
KONINKLIJKE PHILIPS NV	37,513.	43,822.
KONINKLIJKE VOPAK NV UNSPONSORED	26,351.	28,807.
KONTOOR BRANDS INC	8,510.	11,673.
KOPPERS HOLDINGS INC	9,370.	13,530.
KOREA ELECTRIC POWER CORP SPONSORED	130,438.	97,243.
KORN FERRY	57,988.	63,176.
KRAFT HEINZ CO	356,633.	151,332.
KRATON CORP	7,143.	5,925.
KRATOS DEFENSE & SECURITY	57,603.	44,016.
KROGER CO	244,758.	188,029.
KRYSTAL BIOTECH INC	13,037.	15,396.
KUBOTA SPONSORED	31,255.	27,097.
KURA ONCOLOGY INC	16,796.	11,468.
KYOCERA CORP	75,888.	83,331.
L BRANDS, INC	172,725.	32,688.
L3 HARRIS TECHNOLOGIES INC	172,604.	345,679.
LA JOLLA PHARMACEUTICAL CO	7,589.	3,431.
LABORATORY CORP AMERICA HOLDINGS	90,381.	124,509.
LADENBURG THALMANN FINANCIAL	8,811.	9,998.
LAFARGEHOLCIM LTD UNSPONSORED	32,951.	30,636.
L'AIR LIQUIDE UNSPONSORED	46,400.	59,578.
LAKELAND FINL CORP	23,250.	25,590.
LAM RESEARCH CORP	111,544.	343,278.
LAMB WESTON HOLDINGS INC	95,886.	107,538.
LANCASTER COLONY CORP	53,833.	57,956.
LANTHEUS HOLDINGS INC	18,862.	21,187.
LAS VEGAS SANDS CORP	145,618.	177,916.
LAS VEGAS SANDS CORP	254,962.	266,287.
LATTICE SEMICONDUCTOR CORP	53,994.	63,028.
LAUDER ESTEE COS INC	152,026.	355,249.
LA-Z-BOY INC	14,044.	15,771.
LCI INDUSTRIES	58,956.	68,992.
LEAF GROUP LTD	5,400.	3,064.
LEGAL & GEN GROUP PLC SPONSORED	6,725.	8,134.
LEGGETT & PLATT INC	43,030.	48,593.
LEIDOS HOLDINGS INC	87,937.	102,589.
LEMAITRE VASCULAR INC	10,716.	21,354.
LEND LEASE LTD SPONSORED	81,402.	70,570.
LENNAR CORP-CL A	111,352.	124,077.
LENOVO GROUP LTD SPONSORED	26,759.	33,597.
LEXICON PHARMACEUTICALS INC	5,175.	6,395.
LG DISPLAY CO LTD SPONSORED	135,253.	91,268.
LGI HOMES INC	25,539.	42,390.
LHC GROUP INC	37,864.	109,381.
LIBERTY BRAVES GROUP CL A	7,356.	7,798.
LIBERTY BRAVES GROUP CL C	26,504.	28,093.

LIBERTY OILFIELD SERVICES INC CL A	5,086.	4,214.
LIBERTY TRIPADVISOR HLDGS INC	23,191.	14,090.
LIFEVANTAGE CORP	5,334.	7,227.
LIGAND PHARMACEUTICALS INC	9,105.	8,447.
LILLY ELI & CO	545,839.	870,461.
LINCOLN NATL CORP	85,353.	94,475.
LINDBLAD EXPEDITIONS HOLDINGS INC	11,405.	9,908.
LINDE PLC	689,600.	896,948.
LINDSAY CORPORATION	8,276.	9,215.
LINE CORP SPONSORED	16,632.	23,231.
LITHIA MOTORS INC-CLASS A	887,456.	1,148,805.
LITHIA MOTORS INC-CLASS A	42,204.	52,773.
LIVANOVA PLC	93,051.	79,805.
LIVE NATION ENTERTAINMENT INC	85,656.	85,550.
LIVEPERSON INC	26,573.	62,826.
LKQ CORP	70,183.	79,718.
LLOYDS BANKING GROUP PLC-SPONSORED	71,801.	68,798.
LOCALIZA RENT A CAR SPONSORED	25,116.	47,829.
LOCKHEED MARTIN CORP	445,515.	758,123.
LOEWS CORPORATION	76,897.	104,718.
LONDON STOCK EXCHANGE UNSPONSORED	60,616.	119,739.
LONZA GROUP AG UNSPONSORED	46,910.	64,321.
LORAL SPACE & COMMUNICATIONS	22,274.	20,394.
L'OREAL CO UNSPONSORED	66,742.	90,012.
LOUISIANA PAC CORP	11,794.	13,500.
LOVESAC CO/THE	5,304.	3,338.
LOWES COS INC	451,431.	730,776.
LTC PROPERTIES INC	24,043.	22,877.
LUFTHANSA SPONSORED	22,193.	14,919.
LUKOIL PJSC SPONSORED	62,023.	119,439.
LULULEMON ATHLETICA INC	628,723.	710,069.
LUXFER HOLDINGS PLC	14,246.	12,254.
LVMH MOET HENNESSY LOUIS UNSPONSORED	87,444.	144,662.
LYONDELLBASELL INDUSTRIES NV	192,656.	196,991.
M & T BANK CORP	127,145.	174,503.
MACQUARIE GROUP LTD SPONSORED	57,715.	78,292.
MACROGENICS INC	12,827.	9,923.
MACY'S INC	110,486.	37,417.
MADDEN STEVEN LTD	73,968.	96,471.
MADRIGAL PHARMACEUTICALS INC	19,556.	18,769.
MAGELLAN HEALTH INC	20,336.	24,805.
MAGENTA THERAPEUTICS INC	7,682.	8,596.
MAGIC LEAP INC	30,402.	27,362.
MAGIC LEAP INC	106,988.	106,988.
MAGNA INTERNATIONAL INC CL A	30,939.	32,520.
MAKITA CORP-SPONSORED	45,783.	38,667.
MALIBU BOATS INC	20,101.	22,441.
MANULIFE FINANCIAL CORP	55,455.	56,792.
MARATHON OIL CORP	94,278.	83,436.
MARATHON PETROLEUM CORPORATION	270,717.	305,046.
MARCUS & MILLICHAP INC	18,293.	19,780.
MARINE PRODUCTS CORP	5,191.	5,386.
MARKER THERAPEUTICS INC	6,244.	2,062.
MARKETAXESS HOLDINGS INC	93,215.	109,942.
MARKETAXESS HOLDINGS INC	961,583.	2,017,623.
MARKS & SPENCER PLC SPONSORED	21,992.	13,520.
MARRIOTT VACATIONS WORLDWIDE CORP	25,494.	28,070.
MARRIOTT INTERNATIONAL INC	148,791.	319,972.

MARSH & MCLENNAN COS INC	230,068.	439,512.
MARTIN MARIETTA MATLS INC	70,135.	126,957.
MARVELL TECHNOLOGY GROUP LTD	862,816.	960,091.
MASCO CORP	67,452.	110,521.
MASONITE INTERNATIONAL CORP	32,701.	44,987.
MASTEC INC	72,095.	106,698.
MASTERCARD INC CL A	714,396.	2,080,277.
MASTERCRAFT BOAT HOLDINGS INC	13,601.	11,246.
MATADOR RESOURCES CO	947,837.	720,184.
MATADOR RESOURCES CO	5,066.	5,193.
MATERION CORP	9,365.	13,020.
MAURI GROUP CO., LTD UNSPONSORED	25,088.	42,690.
MAXIM INTEGRATED PRODS INC	128,465.	141,288.
MAXIMUS INC	125,828.	127,207.
MAXLINEAR INC CL A	42,299.	36,520.
MAZDA MTR CORP UNSPONSORED	26,746.	16,222.
MCCORMICK & CO INC	85,099.	162,941.
MCDONALDS CORP	686,075.	1,174,001.
MCGRATH RENTCORP	19,717.	33,295.
MCKESSON CORP	275,813.	210,246.
MDC PARTNERS CL A	5,326.	5,682.
MEDICINES CO	27,388.	64,045.
MEDICINOVA INC	10,522.	7,326.
MEDIFAST INC	15,319.	34,627.
MEDIOBANCA SPA UNSPONSORED	22,097.	22,601.
MEDPACE HOLDINGS INC	50,463.	66,576.
MEDTRONIC PLC	795,714.	1,189,296.
MEET GROUP INC	5,347.	7,465.
MEI PHARMA INC	5,395.	6,669.
MEIRAGTX HOLDINGS PLC	11,903.	8,248.
MELCO RESORTS & ENTERTAINMENT	34,464.	35,095.
MERCK & CO INC	1,121,152.	1,815,726.
MERCK KGAA SPONSORED	10,333.	11,563.
MERCURY SYSTEMS INC	102,454.	100,417.
MEREDITH CORP	57,725.	35,035.
MERIDIAN BANCORP INC	5,307.	5,766.
MERIDIAN BIOSCIENCE INC	5,408.	4,582.
MERIT MED SYSTEM INC	34,858.	44,145.
MERITOR INCORPORATED	42,075.	47,587.
MESA LABS INC	18,441.	20,451.
META FINANCIAL GROUP	15,230.	20,811.
METHANEX CORP	17,159.	12,787.
METLIFE INC	282,426.	315,453.
METTLER-TOLEDO INTERNATIONAL INC	74,690.	147,550.
MGE ENERGY INC	38,124.	40,750.
MGM RESORTS INTERNATIONAL	128,260.	124,496.
MGP INGREDIENTS INC	23,675.	21,706.
MICHELIN (CGDE) UNSPONSORED	43,708.	36,888.
MICRO FOCUS INTL PLC SPONSORED	10,204.	6,889.
MICROCHIP TECHNOLOGY INC	110,761.	203,890.
MICRON TECHNOLOGY INC	187,801.	468,639.
MICROSOFT CORP	3,474,730.	9,418,475.
MICROSOFT CORP	3,578,347.	8,432,061.
MICROSTRATEGY INC CL A	26,709.	31,093.
MID-AMER APARTMENT COMM	83,401.	118,806.
MID-AMER APARTMENT COMM	511,938.	628,181.
MIDDLEBY CORP	906,024.	822,824.
MIDDLESEX WATER CO	22,077.	23,139.

MILLER HERMAN INC	45,983.	64,807.
MILLER INDUSTRIES INC/TENN	4,508.	6,349.
MINERVA NEUROSCIENCES INC	6,442.	7,138.
MIRATI THERAPEUTICS INC	76,573.	97,289.
MISONIX INC	5,306.	4,373.
MITEK SYSTEMS INC	10,480.	7,451.
MITSUBISHI CORP SPONSORED	36,276.	40,916.
MITSUBISHI ELECTRIC CORP UNSPONSORED	46,938.	39,905.
MITSUBISHI ESTATE	90,203.	100,894.
MITSUBISHI UFJ FINANCIAL-SPONSORED	78,418.	66,898.
MITSUI & CO LTD SPONSORED	30,944.	36,146.
MITSUI FUDOSAN CO LTD UNSPONSORED	86,384.	100,357.
MIZUHO FINANCIAL GROUP INC SPONSORED	78,326.	72,970.
MMC NORILSK NICKEL PJSC SPONSORED	33,193.	60,248.
MOBILE MINI INC	13,085.	14,785.
MOBILE TELESYSTEMS SPONSORED	21,527.	20,716.
MOBILEIRON INC	15,818.	12,267.
MODEL N INC	19,558.	32,510.
MOELIS & CO	36,189.	32,622.
MOHAWK INDUSTRIES INC	89,645.	62,326.
MOLECULAR TEMPLATES INC	5,392.	10,027.
MOLSON COORS BREWING CO-B	121,417.	71,957.
MOMENTA PHARMACEUTICALS INC	25,326.	51,318.
MOMO INC SPONSORED	7,996.	7,638.
MONARCH CASINO & RESORT INC	6,690.	11,555.
MONDELEZ INTERNATIONAL INC	517,474.	620,752.
MONMOUTH CL A	5,372.	5,633.
MONRO INC	72,977.	72,022.
MOODYS CORP	131,574.	292,252.
MOOG INC	67,502.	62,888.
MORGAN STANLEY	325,433.	499,238.
MOSAIC CO NEW	87,182.	54,901.
MOTOROLA SOLUTIONS, INC	102,480.	210,449.
MOWI ASA SPONSORED	26,484.	35,969.
MR COOPER GROUP INC	8,001.	12,085.
MR PRICE GROUP LTD SPONSORED	6,964.	6,440.
MS&AD INS GROUP HOLDINGS UNSPONSORED	39,368.	41,904.
MSA SAFETY INC	99,081.	117,768.
MSCI INC	96,193.	166,010.
MTN GROUP LTD SPONSORED	19,918.	12,822.
MTS SYS CORP	8,891.	7,637.
MUELLER INDUSTRIES INC	22,319.	25,527.
MUELLER WATER PRODUCTS INC CL A	23,631.	29,591.
MUENCHENER UNSPONSORED	46,779.	66,086.
MURATA MFG CO LTD UNSPONSORED	40,117.	46,144.
MURPHY USA INC	11,983.	16,263.
MUSTANG BIO INC	5,136.	6,512.
MYERS INDUSTRIES INC	16,277.	15,612.
MYLAN NV	160,034.	77,908.
MYOKARDIA INC	58,450.	85,494.
MYR GROUP INC	15,428.	13,851.
MYRIAD GENETICS INC	6,540.	5,936.
NANOSTRING TECHNOLOGIES INC	23,993.	21,950.
NAPCO SECURITY TECHNOLOGIES INC	7,951.	8,964.
NASDAQ INC	58,288.	90,392.
NASPERS LTD SPONSORED	84,128.	88,628.
NATERA INC	37,720.	49,760.
NATIONAL AUSTRALIA BK LTD SPONSORED	97,568.	68,441.

NATIONAL BANK HOLDINGS CORP CL A	5,352.	5,459.
NATIONAL GENERAL HOLDINGS CORP	24,055.	23,691.
NATIONAL GRID PLC SPONSORED	58,330.	63,171.
NATIONAL HEALTH INVS INC	38,213.	39,110.
NATIONAL OILWELL VARCO INC	101,587.	68,812.
NATIONAL PRESTO INDS INC	5,293.	5,127.
NATIONAL RESEARCH CORP	15,378.	17,408.
NATIONAL STORAGE AFFILIATES	45,403.	50,531.
NATIONAL VISION HOLDINGS INC	64,705.	67,908.
NATURGY ENERGY GROUP SA UNSPONSORED	27,460.	29,696.
NATUS MEDICAL INC	22,962.	29,361.
NEDBANK GROUP LTD SPONSORED	30,928.	30,323.
NEENAH INC	23,875.	26,763.
NEOGEN CORP	87,578.	88,297.
NEOGENOMICS INC	60,551.	73,593.
NESTLE SA SPONSORED	312,054.	393,309.
NETAPP INC	61,987.	121,388.
NETEASE INC SPONSORED	31,320.	34,037.
NETFLIX INC	409,409.	1,107,904.
NETFLIX INC	1,154,754.	1,520,455.
NEUBERGER BERMAN HIGH INCOME BOND	13,128,293.	13,332,275.
NEUROCRINE BIOSCIENCES INC	991,308.	1,133,160.
NEURONETICS INC	16,371.	16,420.
NEVRO CORP	49,439.	93,092.
NEW AGE BEVERAGES CORP	8,751.	4,113.
NEW JERSEY RESOURCES CORP	6,461.	5,750.
NEW ORIENTAL EDUCATION SPONSORED	38,045.	53,350.
NEW SENIOR INVESTMENT GROUP INC	5,419.	5,913.
NEWCREST MINING LTD SPONSORED	24,935.	29,234.
NEWELL BRANDS INC	162,848.	68,096.
NEWMARK GROUP INC CL A	33,413.	45,612.
NEWMONT GOLDCORP CORP	171,884.	268,999.
NEWS CORP/NEW CL A	37,255.	35,095.
NEWS CORP/NEW CL B	24,412.	22,868.
NEWSTAR FINANCIAL INC	0.	277.
NEXPOINT RESIDENTIAL TRUST INC	20,867.	22,230.
NEXTERA ENERGY INC	1,400,589.	1,502,845.
NEXTERA ENERGY INC	447,107.	926,262.
NEXTGEN HEALTHCARE INC	28,506.	22,964.
NGM BIOPHARMACEUTICALS INC	23,771.	25,461.
NIC INC	29,595.	38,800.
NICE LTD SPONSORED	22,553.	40,960.
NIDEC CORPORATION SPONSORED	55,767.	61,706.
NIELSEN HLDGS PLC	116,836.	49,288.
NIKE INC-CLASS B	640,354.	992,433.
NIKE INC-CLASS B	738,243.	1,064,363.
NIKON CORP UNSPONSORED	39,104.	27,513.
NINTENDO LTD UNSPONSORED	42,687.	44,760.
NIPPON TELEGRAPH & TELEPHN SPONSORED	37,090.	40,905.
NISOURCE INC	69,472.	87,139.
NISSAN MOTOR LTD SPONSORED	19,597.	10,917.
NITTO DENKO CORP-UNSPONSORED	29,975.	18,945.
NLIGHT INC	13,241.	17,380.
NMI HOLDINGS INC	27,429.	60,587.
NN GROUP NV UNSPONSORED	20,022.	17,114.
NOAH HOLDINGS LTD SPONSORED	23,655.	14,820.
NOBLE ENERGY INC	115,302.	87,362.
NOKIA CORP SPONSORED	42,705.	25,929.

NOMURA HOLDINGS INC SPONSORED	31,951.	28,844.
NOODLES & CO	5,025.	3,019.
NORDEA BANK ABP SPONSORED	46,224.	28,802.
NORDSON CORP	1,027,445.	1,401,075.
NORDSTROM INC	54,387.	34,422.
NORFOLK SOUTHERN CORP	15,333.	404,373.
NORFOLK SOUTHERN CORP	590,209.	630,340.
NORSK HYDRO ASA SPONSORED	10,479.	5,184.
NORTHERN TR CORP	129,900.	184,645.
NORTHROP GRUMMAN CORPORATION	246,144.	420,675.
NORTHWEST NATURAL HOLDING CO	7,926.	8,258.
NORTONLIFELOCK INC	99,122.	113,360.
NORWEGIAN CRUISE LINE HOLDINGS	101,829.	102,334.
NOVAGOLD RESOURCES INC	28,428.	40,392.
NOVANTA INC	44,987.	83,841.
NOVARTIS AG SPONSORED	175,618.	218,639.
NOVAVAX INC	5,264.	4,605.
NOVO NORDISK AS SPONSORED	106,332.	127,162.
NOVOCURE LTD	160,055.	196,012.
NOVOZYMES A/S SPONSORED	19,183.	18,157.
NRG ENERGY INC	28,075.	86,377.
NSK LTD UNSPONSORED	10,140.	8,435.
NTT DOCOMO INC SPONSORED	34,108.	38,573.
NUCOR CORP	98,282.	129,951.
NUTRIEN LTD	6,921.	6,851.
NUVASIVE INC	78,940.	106,033.
NV5 GLOBAL INC	22,117.	13,571.
NVIDIA CORP	319,772.	1,133,205.
NVR INC	96,525.	102,827.
NXP SEMICONDUCTORS	38,695.	48,995.
OCCIDENTAL PETE CORP	488,800.	290,160.
OCULAR THERAPEUTIX INC	4,993.	4,100.
ODONATE THERAPEUTICS INC	7,812.	10,254.
OGE ENERGY CORP	816,459.	1,004,755.
OKTA INC CL A	231,972.	257,621.
OLD DOMINION FREIGHT LINE INC	93,819.	96,598.
OLYMPUS CORP SPONSORED	27,783.	50,623.
OMEROS CORP	18,999.	17,317.
OMNICELL INC	82,181.	93,978.
OMNICOM GROUP	124,886.	135,141.
OMNOVA SOLUTIONS INC	11,569.	11,697.
OMRON CORP SPONSORED	37,704.	46,698.
OMV AG SPONSORED	44,357.	45,785.
ONCOCYTE CORP	5,498.	5,816.
ONEOK INC	161,509.	245,852.
ONESPAN INC	9,774.	10,597.
ONO PHARMACEUTICAL CO UNSPONSORED	11,811.	14,285.
ONTO INNOVATION INC	15,179.	16,772.
OOMA INC	6,108.	6,774.
OPEN TEXT CORP	17,965.	25,076.
OPTINOSE INC	5,424.	7,044.
OPTION CARE HEALTH INC	5,430.	6,990.
ORACLE CORPORATION	689,132.	906,859.
ORANGE	8,202.	7,733.
ORBCOMM INC	10,614.	5,629.
O'REILLY AUTOMOTIVE INC	155,198.	254,629.
ORGANOGENESIS HOLDINGS INC	5,461.	4,098.
ORION ENGINEERED CARBONS SA	19,708.	20,439.

ORIX CORP SPONSORED	42,446.	43,373.
ORKLA ASA SPONSORED	31,685.	32,036.
ORMAT TECHNOLOGIES INC	23,540.	27,796.
ORTHOFIX MEDICAL INC	15,692.	16,717.
OSI SYSTEMS INC	48,303.	44,225.
OTSUKA HOLDINGS LIMITED	28,643.	32,662.
OTTER TAIL CORPORATION	24,088.	23,542.
OXFORD INDS INC	11,425.	12,293.
PACCAR INC	155,999.	220,847.
PACIFIC BIOSCIENCES	21,342.	18,828.
PACIRA BIOSCIENCES INC	43,364.	48,516.
PACKAGING CORP OF AMERICA	74,058.	76,377.
PALOMAR HOLDINGS INC	5,243.	10,653.
PAN PACIFIC INTL HLDGS UNSPONSORED	58,309.	64,577.
PANASONIC CORPORATION SPONSORED	47,822.	30,027.
PANDORA A/S SPONSORED	19,038.	8,109.
PAPA JOHNS INTL INC	23,514.	32,838.
PAR TECHNOLOGY CORP	7,683.	9,376.
PARATEK PHARMACEUTICALS INC	5,019.	6,005.
PARKER HANNIFIN CORP	99,539.	197,999.
PARSLEY ENERGY INC	1,346,183.	1,110,017.
PARSONS CORP	18,325.	20,351.
PATRICK INDS INC	19,190.	20,762.
PAYCHEX INC	139,835.	215,627.
PAYCOM SOFTWARE INC	240,709.	291,766.
PAYPAL HOLDINGS INC	383,953.	982,184.
PAYPAL HOLDINGS INC	736,461.	1,497,938.
PAYSIGN INC	13,189.	7,978.
PCSB FINANCIAL CORP	5,362.	5,549.
PEARSON PLC SPONSORED	17,864.	19,490.
PEMBINA PIPELINE CORP	38,442.	41,693.
PENN NATL GAMING INC	6,440.	8,614.
PENNANT GROUP INC	9,423.	22,091.
PENNSYLVANIA REAL ESTATE INVT TR	5,219.	4,360.
PENNYMAC FINANCIAL SERVICES INC	4,774.	7,829.
PENTAIR PLC	43,714.	54,769.
PEOPLES UNITED FINANCIAL, INC	67,032.	67,516.
PERFICIENT INC	30,289.	39,252.
PERFORMANCE FOOD GROUP CO	429,011.	487,567.
PERFORMANCE FOOD GROUP CO	84,222.	147,542.
PERKINELMER INC	40,647.	77,389.
PERNOD RICARD SA UNSPONSORED	56,135.	74,396.
PERRIGO CO PLC	153,151.	49,542.
PERSPECTA INC	6,336.	7,007.
PETIQ INC	17,844.	12,500.
PETMED EXPRESS INC	5,369.	7,503.
PETROCHINA CO LTD SPONSORED	28,942.	23,001.
PETROLEO BRASILEIRO SA SPONSORED	22,407.	34,654.
PETROLEO BRASILEIRO SPONSORED	21,267.	31,824.
PEUGEOT SA UNSPONSORED	30,464.	25,733.
PFENEX INC	5,420.	10,003.
PFIZER INC	886,330.	1,686,190.
PGT INNOVATIONS INC	13,004.	10,914.
PHASEBIO PHARMACEUTICALS INC	5,110.	3,067.
PHIBRO ANIMAL HEALTH CORP	15,260.	12,638.
PHILIP MORRIS INTL INC	1,105,008.	1,038,438.
PHILIP MORRIS INTL INC	451,055.	399,668.
PHILLIPS 66	310,142.	394,726.

PHYSICIANS REALTY TRUST	920,369.	989,463.
PIERIS PHARMACEUTICALS INC	8,490.	7,779.
PING AN INSURANCE SPONSORED	67,690.	99,532.
PINNACLE FINANCIAL PARTNERS INC	1,197,664.	1,262,080.
PINNACLE WEST CAP CORP	54,107.	72,574.
PIONEER NATURAL RESOURCES CO	171,271.	186,185.
PITNEY BOWES INC	9,633.	9,640.
PJSC GAZPROM SPONSORED	42,730.	84,526.
PJT PARTNERS INC CL A	13,681.	16,382.
PLANTRONICS INC	31,903.	24,141.
PLAYAGS INC	14,637.	8,515.
PLDT INC SPONSORED	92,985.	67,466.
PLEXUS CORP	5,210.	6,694.
PLUG POWER INC	14,155.	19,150.
PNC FINL SVCS GROUP INC	319,537.	552,958.
POLARIS INC	1,191,361.	1,148,295.
POLYONE CORP	63,338.	76,891.
POOL CORPORATION	525,798.	1,035,990.
PORSCHE AUTOMOBIL UNSPONSORED	26,386.	30,782.
PORTLAND GENERAL ELECTRIC CO	898,177.	1,079,425.
PORTOLA PHARMACEUTICALS INC	52,187.	48,142.
POSCO SPONSORED	122,995.	93,343.
POWER ASETS HOLDINGS SPONSORED	11,319.	12,001.
POWER INTEGRATIONS INC	482,307.	662,796.
POWER INTEGRATIONS INC	59,578.	73,985.
PPG INDUSTRIES INC	193,412.	247,490.
PPL CORPORATION	189,075.	197,806.
PRECISION BIOSCIENCES INC	27,961.	27,336.
PREFERRED BANK	5,402.	6,550.
PREMIER INC	562,803.	667,824.
PRICESMART INC	7,405.	8,522.
PRIMO WATER CORP	12,673.	10,383.
PRIMORIS SERVICES CORP	15,896.	17,659.
PRINCIPAL FINL GROUP INC	98,662.	106,865.
PRINCIPIA BIOPHARMA INC	13,518.	18,132.
PROCTER & GAMBLE CO	1,533,103.	2,427,806.
PROGENICS PHARMACEUTICALS INC	13,119.	12,353.
PROGRESS SOFTWARE CORP	45,194.	50,483.
PROGRESSIVE CORP OHIO	163,021.	328,144.
PROLOGIS INC	240,538.	431,794.
PROPETRO HOLDING CORP	20,724.	13,478.
PROS HOLDINGS INC	63,497.	56,205.
PROTAGONIST THERAPEUTICS INC	5,986.	3,412.
PROTO LABS INC	75,842.	72,304.
PROVIDENCE SERVICE CORP	17,032.	18,227.
PRUDENTIAL FINL INC	258,056.	289,375.
PRUDENTIAL PLC	90,630.	71,952.
PS BUSINESS PKS INC/CA	92,120.	87,216.
PT BANK MANDIRI UNSPONSORED	86,279.	97,258.
PTC THERAPEUTICS INC	61,879.	77,616.
PUBLIC SERVICE ENTERPRISE GROUP INC	162,494.	227,756.
PUBLIC STORAGE INC	268,812.	252,571.
PUBLICIS GROUPE SPONSORED	33,709.	22,176.
PULTE GROUP INC	36,971.	77,833.
PUMA BIOTECHNOLOGY INC	9,552.	7,989.
PURE CYCLE CORP	5,390.	6,219.
PVH CORP	54,337.	58,884.
PZENA INVESTMENT MANAGEMENT CL A	5,184.	5,586.

Q2 HOLDINGS INC	92,871.	93,647.
QBE INS GROUP LTD SPONSORED	35,119.	39,823.
QIAGEN NV	35,391.	37,450.
QORVO INC	41,566.	106,932.
QTS REALTY TRUST INC	65,211.	78,420.
QUAKER CHEMICAL CORP	64,591.	56,924.
QUAKER CHEMICAL CORP	1,062,044.	1,173,521.
QUALCOMM INC	520,648.	779,424.
QUALYS INC	73,803.	78,368.
QUANTA SERVICES INCORPORATED	21,696.	44,496.
QUANTERIX CORP	9,304.	7,443.
QUEST DIAGNOSTICS INC	65,863.	105,295.
QUIDEL CORP	40,319.	70,153.
QUINSTREET INC	13,978.	19,245.
R1 RCM INC	20,585.	35,072.
RA PHARMACEUTICALS INC	35,436.	48,854.
RADIANT LOGISTICS INC	5,344.	5,553.
RADIUS HEALTH INC	26,798.	23,990.
RADNET INC	15,880.	22,513.
RAKUTEN INC SPONSORED	10,771.	12,647.
RALPH LAUREN CORP	44,976.	46,888.
RAPID7 INC	468,505.	1,180,846.
RAPID7 INC	85,255.	75,795.
RAVEN INDUSTRIES INC	33,164.	32,634.
RAYMOND JAMES FINANCIAL INC	72,299.	83,019.
RAYTHEON COMPANY	259,741.	474,199.
RBC BEARINGS INC	1,218,249.	1,604,143.
RBC BEARINGS INC	102,900.	101,496.
REALTY INCOME CORP	130,577.	180,835.
REATA PHARMACEUTICALS INC CL A	23,709.	56,832.
RECKITT BENCKISER GROUP SPONSORED	74,694.	66,372.
RECRO PHARMA INC	5,439.	9,880.
RED ELECTRICA CORP UNSPONSORED	36,369.	34,210.
RED ROCK RESORTS INC CL A	41,523.	44,164.
REDFIN CORP	42,079.	50,609.
REGENCY CENTERS CORPORATION	84,470.	78,863.
REGENERON PHARMACEUTICALS INC	329,286.	230,920.
REGENXBIO INC	55,298.	40,683.
REGIONAL MANAGEM	6,311.	6,066.
REGIONS FINANCIAL CORP	74,979.	134,500.
RELX PLC SPONSORED	74,471.	86,423.
RENAULT SA UNSPONSORED	25,698.	12,623.
RENT A CENTER INC	35,065.	38,213.
REPLIGEN CORPORATION	118,660.	125,985.
REPSOL SA SPONSORED	32,988.	28,146.
REPUBLIC SERVICES INC	72,208.	148,338.
RESMED INC	99,099.	180,850.
RESTAURANT BRANDS INTERNATIONAL INC	643,963.	647,457.
RESTAURANT BRANDS INTERNATIONAL INC	35,732.	35,137.
RETROPHIN INC	23,204.	15,521.
REVANCE THERAPEUTICS INC	12,280.	15,743.
REVLON INC	5,266.	5,484.
REXNORD CORP	13,417.	15,625.
RH	14,626.	33,733.
RHYTHM PHARMACEUTICALS INC	12,641.	13,914.
RIGEL PHARMACEUTICALS INC	11,031.	9,848.
RIMINI STREET INC	18,331.	16,808.
RING ENERGY INC	5,236.	4,536.

RIO TINTO PLC SPONSORED	43,425.	54,018.
RITCHIE BROS AUCTIONEERS INC	857,033.	1,191,820.
RIVIAN AUTOMOTIVE INC	325,511.	325,511.
RLI CORP	92,101.	94,971.
RMR GROUP INC CL A	25,649.	25,376.
ROBERT HALF INTL INC	47,169.	57,593.
ROCHE HOLDING LTD SPONSORED	186,144.	238,105.
ROCKET PHARMACEUTICALS INC	10,974.	19,824.
ROCKWELL AUTOMATION INC	101,016.	188,078.
ROCKWELL MEDICAL INC	5,247.	4,372.
ROGERS COMMUNICATIONS-CL B	20,440.	19,371.
ROGERS CORP	71,110.	64,236.
ROLLINS INC	55,936.	45,496.
ROLLS-ROYCE HOLDINGS PLC SPONSORED	31,249.	23,237.
ROPER TECHNOLOGIES INC	165,939.	287,989.
ROSETTA STONE INC	5,355.	4,082.
ROSS STORES INC	141,839.	327,489.
ROSS STORES INC	832,989.	1,320,901.
ROYAL BANK OF CANADA	122,759.	126,878.
ROYAL BANK OF SCOTLAND SPONSORED	52,269.	47,250.
ROYAL CARIBBEAN CRUISES LTD	141,702.	188,383.
ROYAL DUTCH SHELL PLC SPONSORED	154,395.	154,351.
ROYAL DUTCH SHELL PLC SPONSORED	120,868.	119,640.
ROYAL KPN NEDERLAND NV SPONSORED	27,739.	24,102.
RPM INTERNATIONAL INC	1,275,881.	1,923,452.
RUBICON PROJECT INC/THE	6,093.	6,944.
RUBIUS THERAPEUTICS INC	28,375.	20,777.
RUTH'S HOSPITALITY GROUP INC	16,988.	16,411.
RWE AKTIENGESELLSCHAFT SPONSORED	29,423.	36,363.
RYERSON HOLDING CORP	5,316.	8,021.
RYMAN HOSPITALITY PPTYS INC	97,233.	110,838.
RYOHIN KEIKAKU CO UNSPONSORED	27,591.	22,014.
S&P GLOBAL INC	192,468.	530,536.
SAFEGUARD SCIENTIFICS INC	10,870.	10,343.
SAFEHOLD INC	2,889.	6,730.
SAFRAN SA UNSPONSORED	49,830.	76,125.
SAIA INC	25,628.	38,179.
SAILPOINT TECHNOLOGIES HOLDINGS INC	45,477.	53,430.
SALESFORCE COM INC	672,509.	1,115,060.
SALESFORCE COM INC	1,238,646.	1,984,696.
SAMPO OYJ A SHARES UNSPONSORED	53,343.	45,015.
SANDERSON FARMS INC	34,587.	79,828.
SANDVIK AB SPONSORED	13,506.	15,239.
SANGAMO THERAPEUTICS INC	26,359.	18,916.
SANLAM LTD SPONSORED	45,260.	50,250.
SANMINA CORPORATION	8,112.	9,176.
SANOFI SPONSORED	114,725.	116,815.
SANTEN PHARMACEUTICAL CO UNSPONSORED	26,695.	31,288.
SAP SE SPONSORED	98,462.	117,241.
SASOL LTD SPONSORED	34,531.	23,879.
SAUL CENTERS INC	28,913.	28,026.
SAVARA INC	5,371.	9,520.
SBA COMMUNICATIONS CORP CL A	133,596.	209,661.
SBERBANK RUSSIA SPONSORED	56,649.	68,388.
SCHLUMBERGER LTD	825,518.	437,456.
SCHNEIDER ELECTRIC UNSPONSORED	46,591.	55,162.
SCHNEIDER NATIONAL INC CL B	785,737.	702,975.
SCIENCE APPLICATIONS INTL CORP	142,529.	144,714.

SCIENTIFIC GAMES CORP	29,437.	40,652.
SCOR SPONSORED	54,033.	56,634.
SEAGATE TECHNOLOGY PLC	67,728.	103,590.
SEALED AIR CORP NEW	65,500.	54,726.
SEAWORLD ENTERTAINMENT INC	45,539.	43,411.
SECOM LTD UNSPONSORED	29,308.	35,342.
SECUREWORKS CORP CL A	5,343.	6,764.
SEIKO EPSON UNSPONSORED	44,587.	26,689.
SELECT INTERIOR CONCEPTS INC CL A	5,451.	4,387.
SELECT MEDICAL HOLDINGS CORPORATION	45,119.	67,779.
SELECTIVE INS GROUP INC	52,302.	44,981.
SEMICONDUCTOR MANUF SPONSORED	13,913.	15,819.
SEMPRA ENERGY	631,330.	826,778.
SEMPRA ENERGY	233,682.	332,802.
SEMTECH CORP	78,713.	84,481.
SENSIENT TECHNOLOGIES CORP	42,067.	38,993.
SERES THERAPEUTICS INC	5,534.	6,124.
SERITAGE GROWTH PROPERTIES	5,368.	5,210.
SERVICENOW INC	420,503.	420,939.
SERVICENOW INC	599,752.	1,224,140.
SERVISFIRST BANCSHARES INC	33,558.	38,622.
SEVEN & I HOLDINGS UNSPONSORED	70,836.	65,000.
SGS SA UNSPONSORED	40,384.	46,046.
SHAKE SHACK INC - CLASS A	60,092.	48,371.
SHARP CORPORATION UNSPONSORED	15,935.	8,750.
SHARPSRING INC	4,633.	5,184.
SHAW COMMUNICATIONS INC-CL B	34,191.	30,334.
SHENANDOAH TELECOMMUNICATION	48,115.	52,221.
SHERWIN WILLIAMS CO	180,124.	376,383.
SHIMANO INC UNSPONSORED ADR	27,716.	33,760.
SHIN ETSU CHEMICAL CO UNSPONSORED	48,063.	58,465.
SHINHAN FINANCIAL GROUP SPONSORED	123,265.	109,375.
SHISEIDO LTD SPONSORED	32,681.	58,330.
SHOCKWAVE MEDICAL INC	8,719.	7,686.
SHOPRITE HLDGS SPONSORED	39,634.	24,110.
SHOTSPOTTER INC	18,781.	15,989.
SHUTTERSTOCK INC	19,590.	21,612.
SIBANYE-STILLWATER SPONSORED	24,177.	26,076.
SI-BONE INC	8,538.	9,138.
SIEMENS AG SPONSORED	97,791.	91,803.
SIENTRA INC	5,515.	7,814.
SIGA TECHNOLOGIES INC	8,271.	6,936.
SIGNATURE BANK	1,116,770.	1,285,227.
SILICON LABORATORIES INC	122,249.	138,828.
SILICON LABORATORIES INC	722,270.	1,050,779.
SILK ROAD MEDICAL INC	9,284.	9,812.
SIMON PROPERTY GROUP INC	476,556.	353,184.
SIMPSON MANUFACTURING CO INC	76,445.	94,912.
SIMULATIONS PLUS INC	6,081.	10,233.
SINA CORP	23,919.	11,380.
SINGAPORE EXCHANGE LTD UNSPONSORED	79,294.	93,512.
SINGAPORE TELECOM SPONSORED	23,336.	22,379.
SITONE LANDSCAPE SUPPLY INC	73,051.	104,429.
SJW GROUP	29,013.	32,048.
SK TELECOM LTD SPONSORED	94,298.	92,671.
SKF AB SPONSORED	16,808.	16,015.
SKYLINE CHAMPION CORP	36,891.	42,129.
SKYWORKS SOLUTIONS INC	102,837.	160,529.

SL GREEN REALTY CORP	84,815.	65,694.
SLACK TECHNOLOGIES INC CL A	369,659.	319,800.
SLEEP NUMBER CORP	24,752.	42,790.
SMC CORPORATION SPONSORED	40,347.	50,813.
SMITH & NEPHEW PLC SPONSORED	39,307.	52,541.
SMITH A O CORPORATION	58,209.	50,403.
SMITHS GROUP PLC SPONSORED	28,221.	28,932.
SNAP-ON INC	68,958.	70,470.
SOCIEDAD QUIMICA MINERA SPONSORED	11,820.	5,552.
SOCIETE GENERALE SPONSORED	43,051.	26,288.
SODEXO SA SPONSORED	41,471.	42,222.
SOFTBANK GROUP CORP UNSPONSORED	70,750.	73,968.
SOLARIS OILFIELD INFRASTRUCTURE INC	10,486.	11,354.
SONIC HEALTHCARE LTD SPONSORED	45,315.	52,300.
SONOS INC	21,729.	29,819.
SONOVA HOLDING AG UNSPONSORED	49,200.	65,521.
SONY CORP SPONSORED	54,436.	98,056.
SORRENTO THERAPEUTICS INC	19,918.	14,730.
SOUTH JERSEY INDS INC	8,934.	8,905.
SOUTH32 LTD SPONSORED	26,714.	19,815.
SOUTHERN COMPANY	183,686.	518,709.
SOUTHWEST AIRLINES CO	181,855.	214,894.
SOUTHWEST GAS HLDGS INC	14,256.	12,003.
SPARK NEW ZEALAND SPONSORED	20,131.	21,083.
SPARTAN MOTORS INC	2,770.	12,005.
SPECTRUM PHARMACEUTICALS INC	50,706.	9,846.
SPERO THERAPEUTICS INC	6,048.	4,904.
SPIRIT AIRLINES INC	72,036.	57,321.
SPLUNK INC	1,040,033.	1,452,020.
SPOTIFY TECHNOLOGY SA	1,149,599.	1,204,924.
SPS COMMERCE INC	49,262.	52,649.
SPX CORP	32,145.	47,878.
SS&C TECHNOLOGIES HLDGS INC	884,204.	1,366,580.
SSE PLC SPONSORED	34,486.	39,170.
STAAR SURGICAL CO	37,861.	41,290.
STANDARD BANK GROUP SPONSORED	30,029.	29,177.
STANDARD MTR PRODS INC	5,334.	6,333.
STANLEY BLACK & DECKER INC	138,509.	205,352.
STARBUCKS CORP	586,079.	819,854.
STATE AUTO FINL CORP	5,359.	4,684.
STATE STREET CORP	201,113.	226,305.
STEELCASE INC	9,230.	11,355.
STEMLINE THERAPEUTICS INC	16,673.	14,117.
STEPAN COMPANY	5,447.	6,044.
STERIS PLC	106,094.	107,913.
STERIS PLC	974,624.	1,707,104.
STITCH FIX INC CL A	28,192.	25,249.
STOCK YARDS BANCORP INC	5,384.	6,323.
STORA ENSO CORPORATION SPONSORED	21,112.	22,187.
STRATEGIC EDUCATION INC	55,892.	89,461.
STRIPE INC	44,717.	44,717.
STRYKER CORPORATION	1,660,993.	2,466,165.
STRYKER CORPORATION	287,140.	529,259.
STURM RUGER & CO INC	22,447.	18,953.
SUBARU CORP UNSPONSORED	32,072.	22,131.
SUEZ UNSPONSORED	39,152.	35,003.
SUMITOMO CHEM CO LTD UNSPONSORED	37,173.	26,513.
SUMITOMO MITSUI FINL GROUP SPONSORED	50,392.	48,187.

SUMITOMO MITSUI TRUST SPONSORED	21,953.	21,721.
SUMMIT HOTEL PROPERTIES	1,141,275.	931,201.
SUMMIT MATERIALS INC	9,171.	11,615.
SUN COMMUNITIES INC	979,184.	1,693,578.
SUN HUNG KAI PROP LTD SPONSORED	104,142.	93,145.
SUN LIFE FINANCIAL INC	43,225.	50,719.
SUNCOR ENERGY INC	86,904.	81,311.
SUNRUN INC	24,341.	41,430.
SUNTORY BVRGE & FOOD LTD UNSPONSORED	27,669.	28,518.
SUPERNUS PHARMACEUTICALS INC	32,674.	30,883.
SURGUTNEFTEGAZ PJSC SPONSORED	11,658.	14,575.
SURMODICS INC	13,670.	14,335.
SUZANO SA SPONSORED	33,486.	39,193.
SUZUKI MOTOR CORP UNSPONSORED	11,600.	13,172.
SVB FINANCIAL GROUP	115,285.	109,704.
SVENSKA HANDELSBANKEN AB UNSPONSORED	24,996.	18,383.
SVMK INC	38,705.	40,654.
SWATCH GROUP AG UNSPONSORED	27,905.	19,598.
SWEDBANK AB SPONSORED	21,711.	11,874.
SWIRE PAC LTD SPONSORED	55,546.	45,991.
SWISS RE LTD SPONSORED	38,077.	48,985.
SWISSCOM SPONSORED	16,582.	18,764.
SYMRISE AG UNSPONSORED	55,678.	72,540.
SYNCHRONY FINANCIAL	140,836.	165,790.
SYNDAX PHARMACEUTICALS INC	5,419.	5,189.
SYNEOS HEALTH INC CL A	10,516.	12,966.
SYNOPSIS INC	96,567.	171,912.
SYROS PHARMACEUTICALS INC	9,693.	8,361.
SYSCO CORP	187,941.	347,549.
SYSTEMEX CORP	30,546.	32,742.
SYSTEMAX INC	12,001.	10,643.
T ROWE PRICE GROUP INC	152,305.	232,471.
TABULA RASA HEALTHCARE INC	25,286.	28,186.
TACTILE SYSTEMS TECHNOLOGY INC	15,752.	32,337.
TAILORED BRANDS INC	45,547.	6,073.
TAIWAN SEMICONDUCTOR SPONSORED	264,275.	408,036.
TAKEDA PHARMACEUTICAL SPONSORED	102,637.	90,482.
TAKE-TWO INTERACTIVE SOFTWARE INC	102,579.	117,043.
TAL EDUCATION GROUP SPONSORED	29,905.	42,561.
TANDEM DIABETES CARE INC	48,234.	88,580.
TANGER FACTORY OUTLET CTRS INC	39,566.	35,543.
TAPESTRY INC	64,480.	55,100.
TARGET CORP	302,032.	506,173.
TARGET HOSPITALITY CORP	21,109.	11,770.
TATA MOTORS LTD SPONSORED	109,599.	55,909.
TAYLOR MORRISON HOME CORP	8,679.	8,547.
TC ENERGY CORP	60,504.	64,185.
TCF FINANCIAL CORP	912,914.	969,836.
TD AMERITRADE HOLDING CORP	266,472.	430,998.
TDK CORP SPONSORED	35,574.	59,147.
TE CONNECTIVITY LIMITED	162,397.	244,775.
TECHNIPFMC LTD	106,894.	68,072.
TECHTARGET INC	12,447.	15,634.
TECHTRONIC INDS LTD SPONSORED	46,967.	72,113.
TELADOC HEALTH INC	134,309.	164,007.
TELARIA INC	9,196.	10,052.
TELECOM ITALIA SPA SPONSORED	18,585.	12,020.
TELEFLEX INC	99,082.	146,435.

TELEFONICA BRASIL SA SPONSORED	17,695.	21,623.
TELEFONICA SA SPONSORED	22,567.	15,634.
TELEKOMUNIKASI INDONESIA SPONSORED	77,743.	67,346.
TELENOR ASA SPONSORED	10,402.	8,882.
TELLURIAN INC	16,646.	18,149.
TELSTRA CORP SPONSORED	25,626.	24,208.
TELUS CORP	11,528.	12,471.
TEMPLETON GLOBAL BOND FUND	13,527,809.	11,983,518.
TENABLE HOLDINGS INC	29,759.	23,409.
TENARIS SA SPONSORED	26,281.	20,851.
TENCENT HLDGS LTD UNSPONSORED	2,245,065.	2,668,732.
TENCENT HLDGS LTD UNSPONSORED	295,249.	320,803.
TENCENT MUSIC ENTERTAIN SPONSORED	536,302.	444,746.
TENET HEALTHCARE CORP	51,954.	104,621.
TENNANT CO	31,193.	37,012.
TEREX CORP	40,009.	40,471.
TERNA RETE ELETTRICA UNSPONSORED	63,110.	71,074.
TERRAFORM POWER INC CL A	28,030.	28,749.
TERRENO REALTY CORP	5,349.	5,847.
TESCO PLC SPONSORED	39,939.	52,758.
TETRA TECH INC	127,323.	129,585.
TEVA PHARMACEUTICAL INDS SPONSORED	28,535.	13,720.
TEXAS INSTRUMENTS INC	435,326.	925,356.
TEXAS ROADHOUSE INC CL A	1,185,925.	1,057,014.
TEXAS ROADHOUSE INC CL A	99,853.	103,629.
TEXTRON INC	80,433.	85,320.
TG THERAPEUTICS INC	15,547.	22,777.
THE GEO GROUP INC	58,386.	52,205.
THE HERSHEY COMPANY	117,021.	175,641.
THE JOINT CORP	6,610.	5,552.
THERAPEUTICSMD INC	10,942.	11,238.
THERAVANCE BIOPHARMA, INC	20,678.	30,214.
THERMO FISHER SCIENTIFIC INC	439,349.	1,007,097.
THERMON GROUP HOLDINGS INC	5,971.	6,378.
THOMSON REUTERS CORP	50,314.	78,975.
TIFFANY & CO	78,357.	121,354.
TIM PARTICIPACOES SA SPONSORED	27,607.	27,557.
TJX COS INC	358,723.	587,641.
T-MOBILE US INC	195,941.	193,384.
TOKIO MARINE HOLDINGS SPONSORED	40,940.	56,242.
TOKYO ELECTRON LTD UNSPONSORED	21,424.	30,538.
TOOTSIE ROLL INDS INC	14,443.	13,076.
TOPBUILD CORP	40,946.	94,937.
TORAY INDS	38,437.	26,856.
TORO CO	1,371,659.	1,745,092.
TORONTO DOMINION BANK	110,134.	111,474.
TOSHIBA CORP UNSPONSORED	27,408.	32,364.
TOTAL S.A. SPONSORED	123,256.	122,545.
TOYOTA MOTOR CORP SPONSORED	174,197.	203,642.
TPI COMPOSITES INC	19,525.	14,123.
TRACTOR SUPPLY CO	84,116.	85,591.
TRANSCAT INC	17,950.	22,875.
TRANSDIGM GROUP INC	103,177.	217,840.
TRANSLATE BIO INC	10,855.	7,521.
TRANSMEDICS GROUP INC	5,257.	4,296.
TRAVELERS COMPANIES INC	227,215.	273,215.
TREASURY WINE ESTATES LTD	46,158.	44,758.
TREND MICRO INC SPONSORED	16,955.	17,984.

TREX COMPANY INC	55,565.	144,976.
TRICIDA INC	19,400.	21,738.
TRINET GROUP INC	49,252.	73,084.
TRIP.COM GROUP LTD SPONSORED	21,437.	13,450.
TRIUMPH BANCORP INC	10,084.	12,509.
TRIUMPH GROUP INC	7,257.	8,213.
TRONOX HOLDINGS PLC CL A	30,709.	13,316.
TRUECAR INC	12,192.	11,144.
TRUIST FINANCIAL CORP	247,693.	581,955.
TRUPANION INC	16,992.	28,395.
TTEC HOLDINGS INC	17,392.	15,016.
TUCOWS INC CL A	12,493.	15,445.
TURKCELL ILETISIM HIZM SPONSORED	13,538.	13,410.
TURKIYE GARANTI BANKASI SPONSORED	17,938.	10,695.
TURNING POINT BRANDS INC	16,416.	10,096.
TURNING POINT THERAPEUTICS INC	11,856.	15,386.
TWIN RIVER WORLDWIDE HOLDINGS	15,644.	14,184.
TWIST BIOSCIENCE CORP	16,909.	11,781.
TWITTER INC	225,401.	185,217.
TYLER TECHNOLOGIES INC	661,298.	1,169,778.
TYSON FOODS INC CL A	102,866.	204,021.
UBER TECHNOLOGIES INC	294,440.	218,797.
UBISOFT ENTERTAINMENT SA UNSPONSORED	26,967.	17,900.
UBS GROUP AG	60,182.	44,760.
UDR INC	75,832.	99,658.
UIPATH INC	116,993.	116,994.
UIPATH INC	19,637.	19,637.
ULTA BEAUTY INC	86,118.	106,825.
ULTRAGENYX PHARMACEUTICAL INC	90,727.	65,133.
ULTRAPAR PARTICIPACOES SPONSORED	26,885.	19,681.
UMH PROPERTIES INC	10,697.	13,323.
UMICORE SA UNSPONSORED	16,584.	14,434.
UNDER ARMOUR INC CL C	19,572.	24,378.
UNDER ARMOUR INC-CL A	21,087.	27,194.
UNICHARM CORPORATION SPONSORED	41,545.	48,459.
UNICREDIT SPA UNSPONSORED	37,275.	33,169.
UNILEVER NV NY SHARES	30,448.	29,305.
UNILEVER PLC SPONSORED	91,662.	89,757.
UNION PAC CORP	494,526.	981,870.
UNISYS CORPORATION	9,381.	10,994.
UNITED AIRLINES HOLDINGS INC	91,291.	145,701.
UNITED CMNTY FINL CORP OHIO	5,636.	6,693.
UNITED COMMUNITY BANK	5,339.	5,991.
UNITED FIRE GROUP INC	5,374.	4,854.
UNITED MICROELECTRONICS SPONSORED	94,838.	97,643.
UNITED OVERSEAS BANK-SPONSORED	74,207.	84,842.
UNITED PARCEL SERVICE CL B	568,419.	639,616.
UNITED RENTALS INC	45,642.	101,896.
UNITED TECHNOLOGIES CORP	181,074.	943,937.
UNITED UTILITIES GROUP SPONSORED	27,184.	28,192.
UNITEDHEALTH GROUP INC	956,668.	2,171,042.
UNITEDHEALTH GROUP INC	1,434,862.	1,918,807.
UNITI GROUP INC	43,054.	41,206.
UNITY BIOTECHNOLOGY INC	15,872.	15,552.
UNIVERSAL ELECTRONICS INC	13,643.	16,775.
UNIVERSAL FOREST PRODUCTS INC	51,097.	66,542.
UNIVERSAL HEALTH REALTY INCOME	27,280.	36,030.
UNIVERSAL HEALTH SERVICES INC	77,383.	91,671.

UNIVERSAL INSURANCE HLDGS INC	7,465.	7,753.
UNUM GROUP	60,532.	47,560.
UPLAND SOFTWARE INC	18,296.	21,212.
UPM KYMMENE OYJ UNSPONSORED	43,740.	52,001.
UPWORK INC	24,430.	15,472.
UROGEN PHARMA LTD	15,981.	16,485.
US BANCORP NEW	484,586.	660,313.
US CONCRETE INC	21,408.	17,539.
US ECOLOGY INC	41,610.	38,916.
US PHYSICAL THERAPY INC	50,633.	46,197.
USANA HEALTH SCIENCES INC	38,900.	29,378.
V.F. CORP	167,468.	255,927.
VAIL RESORTS INC	964,889.	1,130,079.
VALE S.A. SPONSORED	27,561.	34,663.
VALEO SA-SPONSORED	28,726.	13,835.
VALERO ENERGY CORP	204,742.	299,024.
VANDA PHARMACEUTICALS	18,286.	22,564.
VANGUARD RUSSELL 1000 VALUE INDEX	82,442,740.	89,998,155.
VANGUARD SMALL-CAP VALUE INDEX FUND	17,094,417.	17,409,761.
VAREX IMAGING CORP	13,157.	12,759.
VARIAN MEDICAL SYSTEMS INC	45,123.	94,295.
VARONIS SYSTEMS INC	37,682.	62,867.
VECTOR GROUP LTD	38,668.	56,359.
VEDANTA LTD SPONSORED	113,225.	61,851.
VENTAS INC	176,130.	173,162.
VEOLIA ENVIRONNEMENT SPONSORED	23,194.	26,871.
VERACYTE INC	40,460.	39,256.
VERICEL CORPORATION	15,801.	21,350.
VERINT SYS INC	90,805.	90,514.
VERISIGN INC	77,234.	154,337.
VERISK ANALYTICS INC	99,089.	190,857.
VERITEX HOLDINGS INC	13,170.	13,400.
VERIZON COMMUNICATIONS INC	1,090,604.	1,993,290.
VERRA MOBILITY CORP	36,739.	37,423.
VERTEX PHARMACEUTICALS INC	241,165.	429,580.
VERTEX PHARMACEUTICALS INC	961,303.	1,806,119.
VESTAS WIND SYSTEMS UNSPONSORED	20,741.	23,199.
VIACOMCBS INC CL B	246,994.	174,259.
VIAD CORP	36,924.	35,708.
VIAVI SOLUTIONS INC	93,261.	97,215.
VICOR CORP	11,017.	21,958.
VIEWRAY INC	16,951.	7,735.
VINCI SA UNSPONSORED	56,938.	65,787.
VIPSHOP HLDGS LTD SPONSORED	14,967.	22,346.
VIRNETX HOLDING	11,677.	6,080.
VIRTUS INVESTMENT PARTNERS	5,305.	5,964.
VIRTUSA CORP	33,410.	34,451.
VISA INC CL A	1,067,734.	2,520,679.
VISA INC CL A	2,469,625.	5,648,462.
VISHAY PRECISION GROUP	3,217.	4,556.
VIVENDI SA UNSPONSORED	46,693.	53,702.
VIVINT SOLAR INC	9,576.	8,356.
VMWARE INC	1,081,921.	1,185,935.
VOCERA COMMUNICATIONS INC	24,414.	16,878.
VODAFONE GROUP SPONSORED	49,061.	34,427.
VOLKSWAGEN AG SPONSORED	19,452.	22,376.
VOLKSWAGEN AG UNSPONSORED	25,636.	30,670.
VOLVO AB B SHS UNSPONSORED	33,992.	30,214.

VONAGE HOLDINGS CORP	30,618.	30,574.
VORNADO REALTY TRUST	101,187.	82,859.
VOYAGER THERAPEUTICS INC	15,286.	8,900.
VULCAN MATERIALS CO	91,081.	137,654.
WABTEC CORP	95,909.	103,085.
WABTEC CORP	1,017,944.	1,054,657.
WAL MART DE MEXICO SPONSORED	45,643.	49,518.
WALGREENS BOOTS ALLIANCE INC	502,453.	359,361.
WALKER & DUNLOP	4,055.	6,209.
WALMART INC	674,859.	1,319,837.
WASTE MANAGEMENT INC	178,613.	352,022.
WATERS CORP	75,111.	134,816.
WATERSTONE FINANCIAL INC	4,266.	6,090.
WATTS WATER TECHNOLOGIES INC	37,620.	41,201.
WAVE LIFE SCIENCES LTD	12,414.	3,759.
WD 40 CO	63,937.	70,085.
WEBSTER FINANCIAL CORP	1,233,002.	1,334,267.
WEC ENERGY GROUP INC	136,927.	231,497.
WEIBO CORP SPONSORED	16,555.	7,648.
WELBILT INC	58,342.	54,978.
WELLCARE HEALTH PLANS INC	123,884.	135,716.
WELLS FARGO & CO	1,648,420.	1,619,864.
WELLTOWER INC	215,688.	260,388.
WESCO AIRCRAFT HOLDINGS INC	5,293.	5,477.
WESFARMERS LIMITED UNSPONSORED	42,621.	48,274.
WEST BANCORPORATION INC	5,338.	6,484.
WEST JAPAN RAILWAY CO UNSPONSORED	46,874.	57,221.
WEST PHARMACEUTICAL SVCS INC	1,174,685.	1,868,903.
WESTAMERICA BANCORPORATION	5,368.	6,032.
WESTERN ALLIANCE BANCORPORATION	1,535,558.	1,677,738.
WESTERN ASSET FDS INC CORE PLUS BD	11,983,368.	11,780,316.
WESTERN DIGITAL CORP	133,348.	135,255.
WESTERN UNION CO	64,159.	89,820.
WESTPAC BKG CORP SPONSORED	126,595.	87,039.
WESTROCK CO	89,842.	78,783.
WEYERHAEUSER CO	159,927.	176,459.
WHEATON PRECIOUS METALS CORP	19,649.	32,666.
WHIRLPOOL CORPORATION	83,701.	77,896.
WILLDAN GROUP INC	9,081.	8,358.
WILLIAMS COS INC	304,217.	212,887.
WILLIS TOWERS WATSON PLC	116,510.	196,084.
WILLSCOT CORP	13,693.	16,992.
WINGSTOP INC	67,948.	61,741.
WINNEBAGO INDS INC	29,519.	33,218.
WIPRO LTD SPONSORED	80,455.	71,895.
WIRECARD AG UNSPONSORED	101,113.	88,801.
WISDOMTREE INVESTMENTS INC	8,252.	6,423.
WM MORRISON SUPERMARKETS UNSPONSORED	33,520.	27,799.
WOLTERS KLUWER NV SPONSORED	22,936.	37,132.
WOLVERINE WORLD WIDE INC	30,582.	37,755.
WOODSIDE PETROLEUM SPONSORED	49,671.	52,276.
WOORI FINANCIAL GROUP INC SPONSORED	118,792.	86,725.
WORKDAY INC-CLASS A	640,809.	889,017.
WORKIVA INC CL A	42,338.	42,555.
WORLD ACCEPTANCE CORP	8,356.	8,813.
WPP PLC SPONSORED	25,143.	19,049.
WR BERKLEY CORP	75,678.	76,632.
WRAP TECHNOLOGIES INC	5,398.	6,448.

WRIGHT MEDICAL GROUP NV	99,113.	113,843.
WYNN RESORTS LTD	71,731.	104,430.
WYNN RESORTS LTD	280,733.	283,295.
XBIOTECH INC	5,430.	14,017.
XCEL ENERGY INC	152,896.	260,055.
XENCOR INC	55,255.	42,953.
XERIS PHARMACEUTICALS INC	15,471.	11,816.
XEROX HOLDINGS CORP	40,659.	56,890.
XIAOMI CORP UNSPONSORED	11,520.	14,290.
XILINX INC	107,602.	198,962.
XP INC	92,475.	117,987.
XPERI CORP	5,536.	4,866.
XYLEM INC	61,740.	102,269.
YANZHOU COAL SPONSORED	16,993.	14,652.
YARA INTERNATIONAL SPONSORED	17,898.	16,068.
YASKAWA ELECTRIC CORP UNSPONSORED	33,901.	39,251.
YELP INC	89,726.	70,426.
YETI HOLDINGS INC	26,145.	28,380.
YEXT INC	52,621.	36,324.
Y-MABS THERAPEUTICS INC	12,206.	16,781.
YORK WATER CO	10,899.	14,156.
YUM CHINA HOLDINGS INC	39,993.	47,722.
YUM! BRANDS INC	124,519.	234,802.
Z HOLDINGS CORP UNSPONSORED	10,451.	9,789.
ZALANDO SE UNSPONSORED	24,586.	25,874.
ZEBRA TECHNOLOGIES CORP	113,120.	114,437.
ZEBRA TECHNOLOGIES CORP	930,528.	2,217,730.
ZIMMER BIOMET HOLDINGS INC	181,121.	245,625.
ZIONS BANCORPORATION NA	48,828.	75,855.
ZIOPHARM ONCOLOGY INC	24,310.	20,003.
ZIX CORPORATION	13,600.	9,567.
ZOETIS INC	182,557.	500,680.
ZOGENIX INC	53,563.	58,698.
ZOOM VIDEO COMMUNICATIONS INC CL A	46,782.	45,179.
ZUORA INC CL A	35,871.	33,174.
ZURICH INSURANCE GROUP SPONSORED	65,798.	90,446.
ZYNERBA PHARMACEUTICALS INC	6,418.	3,316.
ZYNEX INC	5,460.	5,745.
Total to Form 990-PF, Part II, line 10b	514,301,377.	3,588,513,297.

Form 990-PF	Depreciation of Assets Not Held for Investment	Statement 9
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Description	Cost or Other Basis	Accumulated Depreciation	Book Value
OFFICE FURNITURE	132,504.	132,504.	0.
LEASEHOLD IMPROVEMENTS	60,601.	33,717.	26,884.
ICHAUWAY, INC. LAND AND BUILDINGS	21,849,790.	492,259.	21,357,531.
Total To Fm 990-PF, Part II, ln 14	22,042,895.	658,480.	21,384,415.

Form 990-PF	Other Assets		Statement 10
Description	Beginning of Yr Book Value	End of Year Book Value	Fair Market Value
457(b) PLAN BENEFIT PLANS	216,819. 7,360.	242,230. 6,551.	373,685. 6,551.
To Form 990-PF, Part II, line 15	224,179.	248,781.	380,236.

Form 990-PF	Other Liabilities		Statement 11
Description	BOY Amount	EOY Amount	
457(b) PLAN BENEFIT PLANS	16,838. 94.	16,838. 0.	
Total to Form 990-PF, Part II, line 22	16,932.	16,838.	

Form 990-PF

Expenditure Responsibility Statement
Part VII-B, Line 5c

Statement 13

Grantee's Name

Ichauway, Inc.

Grantee's Address

3988 Jones Center Drive
Newton, GA 39870

<u>Grant Amount</u>	<u>Date of Grant</u>	<u>Amount Expended</u>
10,500,000.	12/06/18	10,038,269.

Purpose of Grant

2019 capital and operating needs.

Dates of Reports by Grantee

December 16, 2019 and April 7, 2020

Any Diversion by Grantee

Grantee did not divert any part of the funds from the purpose of the grant.

Results of Verification

Grantee made formal written reports on the grant in December 2019 and April 2020. Full year 2019 financial statements were presented to the Woodruff Foundation officers and trustees in January 2020. Those grant funds that were not expended in 2019 were fully expended in 2020 before this return was filed.

Form 990-PF

Reduction Explanation
Part X, Line 1e

Statement 14

Explanation for Reduction Claimed for Blockage or Other Factors

As of December 31, 2019, the Foundation owned 53,835,510 shares of The Coca-Cola Company common stock. These represent approximately 1.25% of the total 4,280 million shares outstanding. The fair value computed on the per-share price is not necessarily what the Foundation would receive if a significant portion of the stock were sold because of the Foundation's large holding of the stock. The Foundation engaged an independent valuation consultant who calculated a blockage discount factor of 3.1%. The average monthly fair value of the shares based on the per-share price was \$2,799,039,808 and the blockage discount was \$86,770,234.
 $\$2,799,039,808 @ 3.1\% = \$86,770,234.$

Form 990-PF

Grant Application Submission Information
Part XV, Lines 2a through 2d

Statement 15

Name and Address of Person to Whom Applications Should be Submitted

P. Russell Hardin, President
191 Peachtree St., NE, Suite 3540
Atlanta, GA 30303

Telephone Number

404-522-6755

Form and Content of Applications

Application form not required. Proposals should be submitted via the Foundation's online application portal on its website. Before submitting a formal grant request, prospective grantees are encouraged to submit an informal inquiry to fdns@woodruff.org. The grant request should be made in letter form and include the following information:

- A description of the organization, its purposes, programs, staffing and governing board
- The organization's latest financial statements including the most recent audit report
- A description of the proposed project and full justification for its funding
- An itemized project budget, including other sources of support in hand or anticipated

Any Submission Deadlines

Grant applications are considered in April and November for requests received by Feb. 1 and Aug. 15.

Restrictions and Limitations on Awards

Grants generally are limited to tax-exempt charities and selected governmental agencies located and operating in Georgia, with most grants awarded to organizations in Atlanta. Grants to qualified public charities headquartered outside Georgia occasionally are considered when it is demonstrated that the proposed project will have particular impact in Georgia and fits within the program interests of the Foundation. These interests are focused on the following program areas:

- Elementary, secondary and higher education
- Health care and education
- Human services, particularly for children and youth
- Economic development and civic affairs
- Art and cultural activities

Form and Content of Applications

- Evidence from the IRS of the organization's tax-exempt status and that the applying organization itself is not a private foundation.

Restrictions and Limitations on Awards

- Conservation of natural resources and environmental education. Grants for regular operating expenses are avoided. No grants are made to individuals.

2019 DEPRECIATION AND AMORTIZATION REPORT

Form 990-PF Page 1

990-PF

Asset No	Description	Date Acquired	Method	Life	Conv	Line No	Unadjusted Cost Or Basis	Bus % Excl	Section 179 Expense	* Reduction In Basis	Basis For Depreciation	Beginning Accumulated Depreciation	Current Sec 179 Expense	Current Year Deduction	Ending Accumulated Depreciation
1	AV EQUIPMENT	07/01/11	SL	5.00		16	7,988.				7,988.	7,988.		0.	7,988.
2	FURNITURE & EQUIPMENT	07/01/11	SL	7.00		16	124,516.				124,516.	124,288.		228.	124,516.
3	LEASEHOLD IMPROVEMENTS	07/01/11	SL	15.00		16	60,601.				60,601.	29,674.		4,043.	33,717.
4	LAND AND BUILDINGS-BAKER CO., GA.			.000	HY	16	21849790.				21849790.	492,259.		0.	492,259.
	* Total 990-PF Pg 1 Depr						22042895.				22042895.	654,209.		4,271.	658,480.