



**Chicago Teachers' Pension Fund**

**Request For Proposal  
Institutional Proxy Voting Services  
FY2023**

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**Chicago Teacher's Pension Fund (CTPF)**  
Request for Proposal (RFP)  
October 2022  
*Institutional Proxy Voting Services*

**I. Summary**

The Request for Proposal (RFP) is being issued by the Public School Teachers' Pension and Retirement Fund of Chicago ("CTPF or the "Fund") to solicit proposals from qualified institutional proxy voting service firms to provide general information on proxy voting guideline review, fiduciary proxy voting for publicly traded securities, and proxy vote reporting services, with fees for proxy voting for publicly traded securities using 1) proxy service standard guidelines, 2) proxy service standard guidelines with limited customization, or 3) CTPF custom guidelines, and fees for comprehensive reporting of proxy votes for publicly traded securities. The expected commencement date is on or before January 1, 2023. The Fund's current custodian is Bank of New York Mellon (BNY Mellon).

CTPF reserves the right to contract for all, any part or none of the services requested. There is no expressed or implied obligation for CTPF to reimburse responding firms for any expenses incurred in preparing proposals in response to this request. CTPF reserves the right to reject any or all proposals submitted. All proposals submitted will be reviewed by members of the CTPF Investment Department ("Staff") and CTPF's Investment Consultant ("Consultant"), Callan LLC. Firms may be asked to make formal presentations of their proposals to the CTPF Investment Committee and/or the CTPF Board of Trustees ("Board"). Selection of the proxy voting vendor(s) is subject to final approval by the CTPF Board.

**II. Background Information**

***Agency Description***

CTPF is a public pension plan established and governed by the Illinois Pension Code (40 ILCS 5/1-101, et seq. and 40 ILCS 5/17-101, et seq.).

***Defined Benefit Plan Investment Program***

CTPF investment program, as of September 30, 2022, totaled \$10.6 billion. All investments are externally managed. A list of the equity managers is attached as Exhibit A. The equity holdings that may be relevant to this RFP are listed in Exhibit B.

The Fund's Annual Comprehensive Financial Report as of June 30, 2021, is available for download at [www.ctpf.org](http://www.ctpf.org).

***Legislated Investment Restrictions Relating to the Republic of the Sudan***

In 2007 the Illinois General Assembly passed Public Act 095-0521, restricting investment in companies domiciled in, managed, controlled by, or doing business with the Republic of the Sudan. Although the Act does not apply to CTPF, CTPF investment managers/vendors are

required by CTPF's Board resolution to abide by the restrictions. This Public Act can be found at <http://www.ilga.gov/legislation/publicacts/fulltext.asp?Name=095-0521&GA=95>.

### ***State Ethics Laws***

On April 3, 2009, Public Act 96-0006 became law. Public Act 96-0006 amends the Illinois Governmental Ethics Act and provides guidelines for ethical practices concerning state and local pension plans. Proxy voting service providers should be familiar with the provisions of this Act. Public Act 96-0006 also encourages the Board to increase the racial, ethnic, and gender diversity of its fiduciaries, to the greatest extent feasible within the bounds of financial and fiduciary prudence. In furtherance of this Act, CTPF will use its best efforts to increase the racial, ethnic, and gender diversity of its vendors/investment managers. CTPF encourages minority, female, and persons with a disability-owned proxy voting service providers to submit proposals to this RFP.

A section of the Illinois Procurement Code concerning prohibitions of political contributions for certain vendors, 30 ILCS 500/50-37, may or may not apply to CTPF investment managers or other service providers. CTPF is not subject to the Illinois Procurement Code, generally (30 ILCS 500/1-15.100). However, each investment manager or service provider should be familiar with the provisions of this section and comply with this section if the investment manager or service provider deems it appropriate.

## **III. Scope of Services**

### ***A. General***

The purpose of this Request for Proposals is to solicit proposals from qualified firms to provide fiduciary proxy voting services. These services include but are not limited to 1) Proxy Policy Review and Development – proxy voting guideline review and consulting services to assist CTPF with the development of CTPF's proxy voting policy; 2) Proxy Research, Voting, and Reporting– proxy research, analysis, recommendation, and voting services; and reporting.

### ***B. Specific***

#### **1. Proxy Voting Guideline Review and Development**

- i) Propose and work with CTPF to optimize a proxy voting strategy and policy that is consistent with fiduciary responsibilities and seeks to enhance long-term shareowner value.
- ii) Review and discuss CTPF's existing proxy voting guidelines/policies and ascertain the appropriateness of the current policy for CTPF in the current and ongoing corporate governance landscape.
- iii) Provide proxy guideline review services and recommend amendments to CTPF's proxy policy, as necessary after adoption.
- iv) Provide updates and education to Trustees and Staff on relevant issues and other non-routine matters that relate to proxy voting and corporate governance.

## **2. Proxy Research, Voting and Reporting**

- i) Manage, as a fiduciary, CTPF's domestic proxy voting activity and execute required votes on CTPF's behalf in accordance with the proxy voting guidelines or policy adopted by CTPF. Monitor annual meeting schedules and agendas, and receive, open, and document all physical and electronic proxy voting ballots and voting instruction forms.
- ii) Track and monitor the holdings of CTPF's domestic equity portfolios and obtain required proxy voting information from CTPF's custodian. Reconcile with the custodian any discrepancies, including but not limited to holdings, ballots, numbers of shares held, proxies to be voted.
- iii) Keep CTPF informed of proxy voting and corporate governance changes and developments and provide CTPF with regular access to any annual meetings, conference calls, and/or web casts that might provide timely information on specific issues of concern regarding proxies and corporate governance. Prepare and assist in the preparation of reports on proxy voting and corporate governance issues.
- iv) Provide comprehensive reporting services for domestic proxy votes received on or after January 1, 2023. Record all votes against management, votes with management, and votes withheld. Provide record keeping and maintain detailed records of all recommended and actual votes, analysis, and special instructions

## **IV. Qualifications**

### ***A. Minimum Qualifications***

Failure to satisfy each of the minimum qualifications will result in the immediate rejection of the proposal. The responder must address each of the qualifications substantiating how the responder satisfies each of the minimum qualifications. The responses must contain sufficient information as prescribed to assure CTPF of its accuracy. Failure to provide complete information will result in the rejection of the proposal.

1. The responder must have been in the business of providing proxy research services for at least three (3) years, evidenced by a certificate of incorporation or copy of Form ADV as well as documentation of proxy research services dating back a minimum of three (3) years.
2. The responder should be a Registered Investment Adviser with the SEC under the Investment Advisers Act of 1940. Please provide a copy of the firm's latest Form ADV Part II.
3. The primary contact(s) for CTPF's account and the head of domestic and global research must have at least three (3) years of experience directly related to those duties.

4. The responder should have as of January 01, 2023, at least three (3) other large institutional investor clients, each of which has at least \$5 billion under management with the same type of services.
5. The responder's key professionals and/or organization must not have material conflicts of interest with the CTPF Board, its custodian, or its investment managers.
6. The responder must be willing to enter into a most favored nation clause certifying that the fees, costs, or pricing charged to CTPF do not exceed the fees, costs, or pricing charged by the responder to any of its clients for the same or similar level of services.

***B. Background and Description***

1. Give a brief history of the firm including:
  - a. the year the organization was started, and the number of years your firm has been providing proxy services to institutional investors and, specifically, to public pension fund clients. Please identify when each type of service became available to clients.
  - b. the location of your firm's office(s) and the primary location from which the relationship will be serviced.
2. Does your firm qualify as a minority owned business, a female owned business or as a business owned by a person with a disability as these terms are defined in the Illinois Business Enterprise for Minorities, Females, and Persons with Disabilities Act?
3. Describe the ownership of the firm, including, but not limited to, the ownership structure, affiliated companies, and joint ventures, if any. If an affiliate, designate the percentage of parent firm's total revenue generated by your organization. If the firm is a joint venture partner, identify the percentage of ownership and revenues recognized by each partner to the combined association.
4. Provide an organizational chart diagramming the relationships among the professional staff, as well as any parent-subsidary, affiliate, or joint venture entities.
5. Describe any significant developments in the firm's basic ownership structure or any other significant changes in the organization (changes in ownership, personnel reorganizations, etc.) in the last five (5) years.
6. Describe any anticipated changes in the firm's basic ownership structure or any other significant changes in the organization.
7. Describe the levels (U.S. dollar amounts) of coverage and deductibles for errors and omissions coverage and any other fiduciary or professional liability coverage that your firm carries. List the insurance carriers supplying the coverage. If selected, proof of insurance will be required in an amount to be negotiated.

8. Over the past five (5) years, has your organization or any of its affiliates or parent, or any officer, principal, or primary contacts been involved in any litigation relating to fiduciary duties, securities or tax law violation investigations or proceedings, other legal proceedings between an officer or principal and the firm, or in any government investigations? If so, provide a detailed explanation and indicate the current status.

9. Describe in detail any potential conflicts of interest your firm may have in the management of this account. Does your firm or any affiliate provide services to clients other than institutional shareholders? Does the firm provide non-proxy services to any clients? Are there contractual or business relationships with publicly traded companies? Please describe any such services and relationships and identify the amount and percentage of income and profit associated with them. How are conflicts of interest managed, disclosed, or prevented? Include any other pertinent activities, actions, or relationships not specifically outlined in this question. Does your firm have a conflict of interest/ethics policy? If so, please provide a copy.

10. Does the firm accept soft dollars as payment for services? If so, please explain why.

11. Do you have any potential conflicts of interest with CTPF?

12. Does your firm have a business continuation and disaster recovery plan? Please describe the key features of the plan.

13. Has your firm adopted the Principles for Responsible Investment (PRI)? If so, when? If not, has there been any discussion regarding the Principles? If so, what were the key issues or concerns surrounding the PRI? Please advise if your firm has adopted another set of principles or has developed customized principles which guide its business practices.

14. Please list any professional organizations of which your firm is a member.

15. Describe your firm's overall business strengths, weaknesses, and uniqueness. Please provide any political and/or charitable organizations contributions, as well as any relationships with charter schools.

### ***C. Client Coverage and References***

1. Please indicate the composition of your firm's client base using the number and percentages of clients (see table below). Please explain if your firm's client base is heavily weighted to any particular type of investor.

<b><u>Client Type</u></b>	<b><u>Number</u></b>	<b><u>Percentage</u></b>
Public Pension Funds		
Corporate Pension Funds		
Endowments		
Taft-Hartley Funds		
Other (Specify)		

<b>TOTAL</b>		100%
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2. List all clients gained in the proxy research and voting services area since January 01, 2020.
3. List all clients lost in the proxy research and voting services area since January 01, 2020. If you have lost a client(s), identify that client, and if applicable a second former client, over the past three (3) years that can be contacted as references. Provide the firm name, contact person and title, telephone number, and reason for termination.
4. Describe the objectives of your firm with respect to future growth, commenting on new products or services, and additional resources.
5. Provide a current list of the five (5) largest clients for proxy research and voting services in your proposal that CTPF can contact as client references. For each reference, include the client name, address, phone number, contact name, title, account type (e.g., defined benefit, defined contribution, endowment), the product or service the client uses, and the length of your relationship.

#### ***D. Personnel***

1. How many people are employed by the firm? How many people would support this relationship? Please include a brief resume of the officers, directors, principals, key individuals, service segment supervisors, and person(s) you propose to be primary contact(s) or primary individuals responsible for the services to CTPF. Include the locations and number of accounts each manages. Please also include length of experience in providing those services and any specialty expertise they possess, and the highest educational degree they have attained. In addition, please provide below the details for the relationship back-up contact.

<b>Name</b>	<b>Office Location</b>	<b>Title</b>	<b>Responsibilities</b>	<b>Yr. Started in Industry</b>	<b>Yr. Started with Firm</b>	<b>Education* Degree/ College</b>	<b>Percentage of Firm Ownership</b>

2. Does your firm have a diversity or inclusion policy? If so, please provide.
3. What is the percentage of minority and female representation on your firm's staff? How diverse is the team that would be assigned to the CTPF relationship? Please specify the



percentage of African Americans, Asian Americans, Latinos, and females. Please fill out the following Diversity Profile (Exhibit C) table for your entire firm. Please provide for both calendar years 2020 and 2021.

4. Does the firm and its employees comply with the Code of Ethics and the Standards of Professional Conduct of the CFA Institute?

***E. Proxy Policy Development Services***

1. Describe in detail the proxy policy review and development services that you propose to provide CTPF. Explain what your firm's competitive advantage would be for providing those services to CTPF. Describe what differentiates your services from your competition.
2. Please provide a copy of the standard proxy voting guidelines and policies recommended by your firm. How are voting decisions made when an issue is not expressly covered by the proxy voting guidelines in force?
3. What are the primary issues and activities on which you believe institutional investor corporate governance activities should focus? Why?

***F. Proxy Vote Reporting Services***

1. Describe in detail the domestic proxy voting reporting services you propose to provide to CTPF. How frequently are reports made available? Please include an example of a domestic proxy vote report.
2. Discuss your firm's capability to provide and support a web-based reporting platform that would enable disclosure of individual proxy votes, categorized by issuer and meeting date, on a post-meeting basis.
3. Discuss your firm's capability to provide and support a web-based reporting platform that would enable advance disclosure of individual proxy votes categorized by issuer and meeting date.
4. Please provide a description of your firm's experience, process, procedures, and information technology capabilities for monitoring, reporting, and documenting records for domestic proxies. Please indicate if any clients use BNY Mellon as a custodian.

***G. Proxy Voting Services***

1. Describe in detail the domestic proxy voting services you propose to provide to CTPF.
2. Please provide a description of your firm's experience, process, procedures, and information technology capabilities for monitoring, researching, analyzing, recommending, and voting domestic proxies.

3. Please provide your firm's analysis of whether the practice of exercising shareowner rights will have an effect on the economic value of CTPF's investments that outweighs the cost of exercising or such rights.
4. Please discuss your firm's ability and willingness when requested by CTPF to conduct engagements with issuers and/or shareowners regarding proxy matters.
5. Does your firm have the flexibility to accommodate special requests and case-by-case recommendations?
6. How do you manage recommendations on proxy disputes, shareowner proposals, securities on loan, class actions and other special situations? What are the procedures and restrictions associated with recalling shares on loan for voting purposes?
7. Is your firm familiar with Council of Institutional Investors' regarding corporate governance and proxy voting principles? If so, how do you incorporate the principles within the context of what is consistent and appropriate for CTPF?
8. Kindly describe how you incorporate ESG (Environmental, Social and Governance) in developing proxy voting guidelines for a client such as CTPF. Are there specific metrics or default principles that you apply and we should know about?
9. Is your firm familiar with the UN Principles for Responsible Investments? If so, how do you incorporate the principles within the context of what is consistent and appropriate for CTPF?
10. Identify any circumstances where you would not be able to vote on CTFP's behalf. Please include information on how you manage commingled accounts, preferred stock, warrants, or debt holdings.

#### ***H. Required Disclosures***

All Respondents must provide answers to each written disclosure requested below in categories (i) through (ix) as part of their RFP response. Note that VIII (J) (a) (vi) below requires completion of the EEOC chart attachment to this RFP. Failure to provide answers to each disclosure question or failure to provide the completed EEOC chart may cause your proposal to be deemed non-responsive. Respondents should use "none" or "not applicable" as appropriate, but a response must be provided for each disclosure category below. Your disclosures must be clearly labeled as "H". Required Disclosures."

1. The Respondent must disclose, labeling each category, separately: (a) any entity that is a parent of, or owns a controlling interest in, the Respondent, (b) any entity that is a subsidiary of, or in which a controlling interest is owned by, the Respondent, (c) any persons or entities who have an ownership or distributive income share in the Respondent that is in excess of seven and one-half percent (7.5%), and (d) any persons who serve as executive officers of the Respondent, including their titles.

2. The Respondent must disclose, separately: (a) any direct or indirect payments in excess of \$1,000 per calendar year within the prior five (5) calendar years made to any community or not-for-profit organization relating to public education by: (i) the Respondent, (ii) any executive officer of the Respondent, (iii) any parent entity of the Respondent, (iv) the executive officers of any entity that is a parent of, or owns a controlling interest in, the Respondent, and (v) any Shareholder of Respondent with ownership or a distributive income share in the Respondent that is in excess of seven and one-half percent (7.5%); (b) any formal involvement with any community or not-for-profit organization relating to public education by any person or entity identified in (a) above; and (c) any involvement as a member or director of a charter school that contributes to the Fund of any person or entity identified in (a) above. For purposes of this Section VIII (J) (a) (ii) and (iii), “Shareholder” shall mean any person who has an ownership or distributive income share in the Respondent.
3. The Respondent must disclose if: (a)(i)any executive officer of the Respondent, (ii) any parent entity, (iii) the executive officers of any entity that is a parent of, or owns a controlling interest in, the Respondent, and (iv) any Shareholder of the Respondent with ownership or a distributive income share in the Respondent that is in excess of seven and one-half percent (7.5%) has given any direct or indirect financial support in excess of \$1,000 per calendar year within the prior five (5) calendar years or (b) whether the persons or entities identified in (a) above have had any formal involvement within the prior five (5) calendar years with a community or not-for-profit organization with a central purpose of influencing public policy related to budgetary and fiscal policy which directly or indirectly relates to the continued availability and long-term viability of defined benefit pensions in the public sector, to education policy, or to retirement security policy.

For the purposes of this disclosure, an organization has the “central purpose” of influencing policy if it is understood with the exercise of reasonable due diligence, including but not limited to the examination of the organization’s IRS filings and other publicly available statements of purpose, that the organization intends to affect policy or engage in lobbying or other advocacy activity. A Respondent is not required to disclose contributions to organizations that engage in such activities in furtherance of providing medical research, aid to the poor, disaster relief, or other such tangible goods or service. The Trustees have determined that the following organizations presently fall under this required disclosure:

American Enterprise Institute, American Legislative Exchange Council, Brookings Institution, California Common Sense, California Policy Center, Civic Committee of the Commercial Club, Heritage Foundation, Howard Jarvis Taxpayers Association, Illinois Municipal League, Illinois Policy Institute, Independent Institute, Jessie Ball DuPont Fund, Laura and John Arnold Foundation, Mackinac Center for Public Policy, Manhattan Institute for Policy Research, Massachusetts Taxpayers Foundation, Mercatus Center at George Mason University, National Council on Teacher Quality, National Institute for

Labor Relations Research, Nelson Rockefeller Institute of Government, National Taxpayers United of Illinois, Pioneer Institute, R Street Institute, Reason Foundation, Show Me Institute, State Policy Network, StudentsFirst, Taxpayers for Sustainable Pensions, Taxpayers United of America, Teacherspensions.org, Texas Public Policy Foundation, The Future of Freedom of Foundation, The Pew Charitable Trust, UnionWatch, Urban Institute, Wyoming Liberty Group, and Any state or local affiliates or chapters of the above organizations.

4. The Respondent and any parent, controlling entity, subsidiary, or affiliate must disclose any direct or indirect financial relationships, transactions, or consulting agreements with the Chicago Board of Education entered into within the prior five (5) calendar years. Any such direct or indirect financial relationships, transactions, consulting agreements, or consulting-related contracts with the Chicago Board of Education entered into on or after the execution of an agreement shall be identified in an amended Respondent Disclosure within thirty (30) calendar days of any new relationship, transaction, investment, agreement, or contract with the Chicago Board of Education.
5. The Respondent must disclose the names and addresses of any subcontractors and the expected amount and/or percentage of money each will receive under the agreement if authorized by the Fund.
6. The total number of Respondent's staff. The number of Respondent's staff and percentage of its staff, broken out separately for each category, who are (1) a minority person, (2) a female, or (3) a person with a disability. This information must be provided using the EEOC chart available on CTPF's website. Supplemental information to the EEOC chart is welcome.
7. The number of current contracts that the Respondent has with a (1) minority owned business, (2) female owned business, or (3) business owned by a person with a disability.
8. The number of current contracts that the Respondent has with a business other than (1) a minority owned business, (2) a female owned business, or (3) a business owned by a person with a disability, under which, while the business is not owned by one of the above categories, where more than fifty percent (50%) of services performed pursuant to the contract are performed by (1) a minority person, (2) a female, or (3) a person with a disability.
9. The Respondent shall agree to annually disclose various EEO data and diversity of vendor's contracts as required by the Fund.

## V. Fee Proposals

CTPF has not determined the services for which it will contract, if any. For that reason, responders are requested to price the following services individually and indicate any price differential for bundling any or all of the proposed services.

1. Proxy voting guideline review and development.
2. Domestic proxy voting:
  - a) using proxy service guidelines;
  - b) using proxy service guidelines with limited customization;
  - c) using CTPF custom guidelines.
3. Proxy Vote Reporting:
  - a) projection for the next five (5) years
4. Proxy Vote Disclosure (via web-based platform):
  - a) post-meeting basis
  - b) advance-meeting basis

## VI. RFP Specifications

### A. *Schedule*

The following schedule may be modified if necessary. If the schedule changes, any affected responders will be notified by mail. In no event will the dates listed below be changed to earlier dates.

RFP issued on:	Thursday, November 10, 2022
Written questions from potential responders must be received by:	Monday, November 21, 2022
Written responses to questions posted by:	Wednesday, November 30, 2022
Proposals due:	Thursday, December 29, 2022 by 5:00 PM Central Time

### B. *Submission of Questions*

To clarify any issues in this Request for Proposal, CTPF will respond only to questions that are presented in writing via e-mail to Ms. Kelly Paulk at [paulkK@ctpf.org](mailto:paulkK@ctpf.org). Please also copy Mr. John Freihammer at [FreihammerJ@ctpf.org](mailto:FreihammerJ@ctpf.org) and [invest@ctpf.org](mailto:invest@ctpf.org). All questions must be submitted by 12:00 pm CDST Monday, November 21, 2022. The question and answer document, which will not divulge the source of each query, will be posted to the CTPF website under the general information tab, current RFP link, website no later than November 30, 2022.

### C. *Proposal Submission*

The completed RFP must be delivered by 5:00 pm CDST Monday, December 29, 2022. Earlier responses are welcome. Any RFP delivered after the deadline will not be considered. Please send an electronic copy as well as one complete hard copy to the following:

Ms. Kelly M. Paulk  
Sr. Investment Portfolio Analyst  
Chicago Teachers' Pension Fund  
425 S. Financial Place, Suite 1400  
Chicago, IL 60605-1000  
[invest@ctpf.org](mailto:invest@ctpf.org)  
cc: paulkk@ctpf.org

Proposals will be confidential during the selection process. Upon completion of the selection process, all responses, including that of the firm selected, will be a matter of public information and will be open to public inspection in accordance with the State of Illinois Freedom of Information Act (FOIA). Trade secrets or proprietary information must be clearly identified as such in the proposal and will not be released to the extent permitted by law.

#### ***D. Rights Reserved***

CTPF reserves the right to award this contract to the firm(s) which, in its sole opinion, will provide the best match to the requirements of the RFP.

CTPF reserves the right to reject respondents due to their noncompliance with the requirements of this RFP. Additionally, CTPF reserves the right not to hire or defer the hiring of any firm.

All proposals become the property of CTPF and will not be returned to the respondent. CTPF reserves the right to retain all proposals submitted and to use any ideas in a proposal regardless of whether that proposal is selected. Submission of a proposal indicates acceptance of the conditions contained in this RFP, unless clearly and specifically noted in the proposal submitted, and confirmed in the contract between CTPF and the firm selected.

#### ***E. Specific Proposal Contents***

Any firm responding to this RFP must submit its proposal as one document according to the specific outline below in order to facilitate CTPF's review and evaluation of the responses received. A response to this RFP must include the following sections in the order listed:

1. Transmittal Letter
2. Responses to RFP questions
3. Detailed Fee Schedule and Cost Projection

The tendered proposal, and any clarifications to that proposal, shall be signed by an officer of the responding firm or a designated agent empowered to bind the firm in a contract. All proposals submitted electronically must be submitted by an officer of the responding firm.

#### ***F. Ex-parte Communications***

Public Act 93-617, which became effective December 9, 2003, defines Illinois ethics procedures. All "ex parte communications" concerning investment matters pending before CTPF must be

documented and some reported. An “ex parte communication” is any written or oral communication by any person that imparts or requests material information or makes a material argument regarding potential action concerning an investment matter. An ex parte communication does not include statements publicly made in a public forum or communications among employees of CTPF.

An ex parte communication from an interested party or his or her official representative or attorney to a CTPF employee or CTPF Trustee must be memorialized and made a part of the record. An “interested party” is a person or entity whose rights, privileges, or interests are the subject of or are directly affected by a Board of Trustees’ decision on an investment matter.

**Staff members and Trustees must report all ex parte communication immediately to the CTPF’s Ethics Officer. The communication must be memorialized and made a part of the record.**

### ***G. Quiet Period Policy***

The Quiet Period is the period of time that begins when the proxy voting service RFP is announced and ends when the vendor is selected by the Board or the process is declared to be complete.

Respondents shall not contact CTPF Trustees during the Quiet Period and should direct all questions and communications to the Chief Investment Officer, Executive Director, or other contacts identified in this RFP.

The purpose of the Quiet Period is to ensure that all prospective vendors have equal access to information regarding the search objective and requirements; to be certain that communications are consistent and accurate; and to make the search process and selection process efficient, diligent, and fair.

The Quiet Period will be posted to the CTPF website to prevent inadvertent violations by firms responding to this RFP.

CTPF Board members and members of the Staff not directly involved in this search shall refrain from communicating with the respondents regarding any product or service related to this search during the Quiet Period unless this communication takes place during a formal site visit or interview conducted as part of this search.

RFP respondents will be disqualified for violating the Quiet Period.

Offering or providing anything of value to the CTPF Board members or members of the Staff is prohibited.

## **VII. Selection Process**

The selection process under this RFP will be as follows:

### ***A. Non-Qualifying Proposals***

The Investment Team will evaluate each Proposal to determine if it was submitted in accordance with the requirements set forth in this RFP, including whether the Proposal meets all of the applicable minimum qualifications. All non-qualifying proposals will be rejected at this time and the proposing firms so notified.

### ***B. Selection of Finalists***

Staff shall objectively review the proposals to identify qualified candidates based on the criteria presented in the RFP. Staff and members of the Board may interview all, some or none of the RFP respondents, undertake site visits to respondent offices, and conduct such other due diligence as is prudent under the circumstances.

Staff will prepare a report and present the report to the either the Investment Committee or to the full Board of Trustees during a public meeting.

The Investment Committee or the Board of Trustees may interview finalists and will determine if a recommendation for the award of a contract will be made to the Board. The Board shall then act on the recommendation, if any, of the Investment Committee.

### ***C. Selection Criteria***

CTPF will consider all the information requested by this RFP, including the following, in making its decision:

1. Registration with the Securities and Exchange Commission (SEC) under the Investment Advisers Act of 1940.
2. Organizational structure and diversity characteristics.
3. Experience of the firm in the execution of institutional proxy voting and related services.
4. Qualifications and/or depth of the professional staff.
5. Adequacy of the firm's research, voting, reporting, and client servicing capabilities.
6. Fees.

Staff is required to identify all minority and female-owned firms and firms owned by persons with a disability in the report presented to the Board of Trustees. Staff must specify the reasons when these firms are not brought forward as finalists.

CTPF reserves the right to reject any respondents due to noncompliance with the requirements and instructions in the RFP.

### ***C. Selection of Proxy Voting Service***

One or more finalist(s) may appear before the CTPF's Investment Committee or the full Board of Trustees to present the firms' capabilities.



The Board of Trustees may accept the recommendations of the Investment Team/Investment Committee or, based on the services determined appropriate and the criteria set forth in, and information elicited by, this RFP, may rank the firms differently from the Investment Team/Investment Committee and select a different firm from among the finalists to provide these services to CTPF.

The term of the agreement shall be for no more than five (5) years, shall commence on the effective date of the contract, and shall continue until the date on which it is terminated by CTPF upon thirty (30) days' advance written notice, or by the proxy service vendor upon ninety (90) days' advance written notice, to the other; provided, however, that at any time, without prior written notice, the CTPF may orally direct the vendor to cease its activities with respect to the Fund, which direction shall be confirmed, in writing, as soon as practicable.

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## **Exhibit A**

### **Domestic Equity Manager List:**

- Attucks Asset Management
- Channing Capital Management
- Conestoga Capital Advisors
- Northern Trust Company
- Phocas Financial
- Rhumblin Advisors
- Zevenbergen Capital Management

## Exhibit B

### Holdings as of 09/30/2022:

ATP OIL & GAS CORP/UNITED STAT	IMEDIA BRANDS INC
BEARINGPOINT INC	IMMUNIC INC
SHOE PAVILION INC	IMAGO BIOSCIENCES INC
CONSTELLIUM SE	IMMERSION CORP
ADIENT PLC	IMMUCELL CORP
AFYA LTD	IMMUNOGEN INC
ALLEGION PLC	IMMUNEERING CORP
ALKERMES PLC	IMPAC MORTGAGE HOLDINGS INC
AMCOR PLC	IMPINJ INC
AMDOCS LTD	INARI MEDICAL INC
AMBARELLA INC	INCYTE CORP
AON PLC	INDEPENDENCE REALTY TRUST INC
APEX SILVER MINES	INDEPENDENT BANK CORP
ARCH CAPITAL GROUP LTD	INDEPENDENT BANK CORP/MI
ARCOS DORADOS HOLDINGS INC	INDEPENDENT BANK GROUP INC
ARGO GROUP INTERNATIONAL HOLDI	INDUS REALTY TRUST INC
ASSURED GUARANTY LTD	INDUSTRIAL LOGISTICS PROPERTIE
ATLASSIAN CORP PLC	AMERICAN NOBLE GAS INC
AXIS CAPITAL HOLDINGS LTD	INFINITY PHARMACEUTICALS INC
AXALTA COATING SYSTEMS LTD	INFORMATICA INC
ATLANTICA SUSTAINABLE INFRASTR	INFORMATION SERVICES GROUP INC
BANK OF NT BUTTERFIELD & SON L	INFOSYS LTD
BEYONDSRING INC	INGERSOLL RAND INC
ACCENTURE PLC	INGEVITY CORP
BUNGE LTD	INGLES MARKETS INC
CAPRI HOLDINGS LTD	INGREDION INC
CIMPRESS PLC	INHIBRX INC
CLARIVATE PLC	INSIGHT ENTERPRISES INC
CONSOLIDATED WATER CO LTD	INSIGNIA SYSTEMS INC
CREDICORP LTD	INSMED INC
CUSHMAN & WAKEFIELD PLC	INNOSPEC INC
DESPEGAR.COM CORP	INNOVATIVE SOLUTIONS AND SUPPO
DLOCAL LTD/URUGUAY	INPLAY TECHNOLOGIES INC
EATON CORP PLC	INSPIRE MEDICAL SYSTEMS INC
ENDO INTERNATIONAL PLC	INSTEEL INDUSTRIES INC
ENSTAR GROUP LTD	INNOVARO INC
ESTABLISHMENT LABS HOLDINGS IN	INSPERITY INC
ESSENT GROUP LTD	INOGEN INC
EVEREST RE GROUP LTD	INSTALLED BUILDING PRODUCTS IN
FABRINET	INNOVIVA INC
FERROGLOBE PLC	INSEEGO CORP

FRESH DEL MONTE PRODUCE INC	INOTIV INC
FRONTLINE LTD/BERMUDA	INNOVATE CORP
GATES INDUSTRIAL CORP PLC	INSULET CORP
GENPACT LTD	INTEGRA LIFESCIENCES HOLDINGS
GLOBALFOUNDRIES INC	INTEGRAL VISION INC
GOLDEN OCEAN GROUP LTD	INTEGRATED BIOPHARMA INC
GREENLIGHT CAPITAL RE LTD	INTEL CORP
HELEN OF TROY LTD	INTELLICHECK INC
JANUS HENDERSON GROUP PLC	INTEGER HOLDINGS CORP
HOLLYSYS AUTOMATION TECHNOLOGI	INTER PARFUMS INC
HORIZON THERAPEUTICS PLC	INTERACTIVE BROKERS GROUP INC
ICON PLC	INTERCEPT PHARMACEUTICALS INC
ICHOR HOLDINGS LTD	INTERCONTINENTAL EXCHANGE INC
INTERNATIONAL GAME TECHNOLOGY	INTERFACE INC
INVESCO LTD	INTERDIGITAL INC
JAZZ PHARMACEUTICALS PLC	INTERLINK ELECTRONICS INC
JOHNSON CONTROLS INTERNATIONAL	INTERNATIONAL BANCSHARES CORP
LAZARD LTD	INTERNATIONAL BUSINESS MACHINE
LINDE PLC	INTERNATIONAL FLAVORS & FRAGRA
LIVANOVA PLC	INTERNATIONAL PAPER CO
MAIDEN HOLDINGS LTD	INTERPLAY ENTERTAINMENT CORP
MAJESTIC CAPITAL LTD	INTERPACE BIOSCIENCES INC
MEDTRONIC PLC	INTERPUBLIC GROUP OF COS INC/T
MEIRAGTX HOLDINGS PLC	INTEST CORP
APTIV PLC	INTEVAC INC
ALPHA & OMEGA SEMICONDUCTOR LT	INTRA-CELLULAR THERAPIES INC
NABORS INDUSTRIES LTD	INTUITIVE SURGICAL INC
NABORS INDUSTRIES LTD C/WTS	INTUIT INC
NIELSEN HOLDINGS PLC	INVACARE CORP
NOMAD FOODS LTD	INTRUSION INC
NORDIC AMERICAN TANKERS LTD	INTREPID POTASH INC
NOBLE CORP NEW	INUVO INC
NORWEGIAN CRUISE LINE HOLDINGS	INVENTERGY GLOBAL INC
NOVOCURE LTD	INVENTRUST PROPERTIES CORP
NVENT ELECTRIC PLC	INVESCO MTG CAP INC
PENTAIR PLC	INVESTAR HOLDING CORP
SAPIENS INTERNATIONAL CORP NV	INVESTORS TITLE CO
PROTHENA CORP PLC	INVITATION HOMES INC
RENAISSANCERE HOLDINGS LTD	ION GEOPHYSICAL CORP
ROYALTY PHARMA PLC	IONIS PHARMACEUTICALS INC
SFL CORP LTD	IRADIMED CORP
SENSATA TECHNOLOGIES HOLDING P	IQVIA HOLDINGS INC
SIGNET JEWELERS LTD	IRIDEX CORP
SIRIUSPOINT LTD	IRIDIUM COMMUNICATIONS INC
SIRIUSPOINT LTD	IROBOT CORP

SMART GLOBAL HOLDINGS INC	IRON MOUNTAIN INC
STERIS PLC	IRONWOOD PHARMACEUTICALS INC
SYNCORA HOLDINGS LTD	ISCO INTERNATIONAL INC COM
TAOPING INC	ISHARES MSCI BRAZIL ETF
TEXTAINER GROUP HOLDINGS LTD	ISHARES MSCI THAILAND ETF
TONGXIN INTERNATIONAL LTD	ISHARES MSCI CHILE ETF
TRANE TECHNOLOGIES PLC	ISHARES MSCI TURKEY ETF
LIBERTY LATIN AMERICA LTD	ISHARES MSCI SOUTH KOREA ETF
TRINSEO PLC	ISHARES MSCI SOUTH AFRICA ET
TRITON INTERNATIONAL LTD	ISHARES MSCI MEXICO ETF
TRONOX HOLDINGS PLC	ISHARES MSCI PERU ETF
UTSTARCOM HOLDINGS CORP	ISHARES MSCI INDONESIA ETF
VIEWTRAN GROUP INC	ISHARES MSCI PHILIPPINES ETF
VALARIS PLC	ISHARES MSCI INDIA ETF
GOLAR LNG LTD	ISHARES MSCI POLAND ETF
VALARIS LTD	ISHARES MSCI CHINA ETF
VALARIS LTD	ISHARES MSCI TAIWAN ETF
WHITE MOUNTAINS INSURANCE GROU	ISHARES MSCI MALAYSIA ETF
WILLIS TOWERS WATSON PLC	ISHRS MSCI SAUDI ARABIA ETF
PERRIGO CO PLC	ISHARES MSCI UAE ETF
XP INC	ISHARES MSCI QATAR ETF
CHUBB LTD	ISIGN SOLUTIONS INC
GARMIN LTD	ISHARES MSCI KUWAIT ETF
UBS GROUP AG	ITAU UNIBANCO HOLDING SA
ON HOLDING AG	ITEOS THERAPEUTICS INC
SPORTRADAR HOLDING AG	I3 VERTICALS INC
TRANSOCEAN LTD	ITRON INC
ALTISOURCE PORTFOLIO SOLUTIONS	IVERIC BIO INC
ARDAGH METAL PACKAGING SA	JBG SMITH PROPERTIES
GLOBANT SA	J & J SNACK FOODS CORP
NEXA RESOURCES SA	J A B INTL INC NEW
ORION ENGINEERED CARBONS SA	JLM COUTURE INC
SPOTIFY TECHNOLOGY SA	JPMORGAN CHASE & CO
AUDIODCODES LTD	JABIL INC
CAESARSTONE LTD	JACK IN THE BOX INC
CHECK POINT SOFTWARE TECHNOLOG	JACKSON FINANCIAL INC
CYBERARK SOFTWARE LTD	JACOBS SOLUTIONS INC
GALMED PHARMACEUTICALS LTD	JAKKS PACIFIC INC
GLOBAL-E ONLINE LTD	JAMF HOLDING CORP
INMODE LTD	JARDINE MATHESON HOLDINGS LTD
ITURAN LOCATION AND CONTROL LT	JEFFERIES FINANCIAL GROUP INC
NOVA LTD	JELD-WEN HOLDING INC
RADWARE LTD	JETBLUE AIRWAYS CORP
SILICOM LTD	JEWETT-CAMERON TRADING CO LTD
STRATASYS LTD	JOHN BEAN TECHNOLOGIES CORP

UROGEN PHARMA LTD	JOHNSON & JOHNSON
WIX.COM LTD	JOHNSON OUTDOORS INC
AERCAP HOLDINGS NV	JOINT CORP/THE
AFFIMED NV	JONES LANG LASALLE INC
ATAI LIFE SCIENCES NV	JOURNAL REGISTER CO COM
ELASTIC NV	ZIFF DAVIS INC
CENTOGENE NV	JUNIPER NETWORKS INC
CORE LABORATORIES NV	KAR AUCTION SERVICES INC
CUREVAC NV	KB FINANCIAL GROUP INC
EXPRO GROUP HOLDINGS NV	KBR INC
IMMATICS NV	KLA CORP
INFLARX NV	KKR & CO INC
LYONDELLBASELL INDUSTRIES NV	KLX ENERGY SERVICES HOLDINGS I
MERUS NV	KVH INDUSTRIES INC
PROQR THERAPEUTICS NV	KADANT INC
QIAGEN NV	KAISER ALUMINUM CORP
UNIQUE NV	KALA PHARMACEUTICALS INC
BANCO LATINOAMERICANO DE COMER	KALEIDO BIOSCIENCES INC
COPA HOLDINGS SA	KALVISTA PHARMACEUTICALS INC
SINOVAC BIOTECH LTD	KAMAN CORP
CONTRA SINOVAC BIOTECH	KANSAS CITY LIFE INSURANCE CO
ULTRAPETROL BAHAMAS LTD	KARUNA THERAPEUTICS INC
STEVANATO GROUP SPA	KARYOPHARM THERAPEUTICS INC
ROYAL CARIBBEAN CRUISES LTD	KASPIEN HOLDINGS INC
ARDMORE SHIPPING CORP	KATY INDUSTRIES INC
ATLAS CORP	KB HOME
DANAOS CORP	KDDI CORP
DHT HOLDINGS INC	KEARNY FINANCIAL CORP/MD
DORIAN LPG LTD	KELLOGG CO
INTERNATIONAL SEAWAYS INC	KELLY SERVICES INC
MAXEON SOLAR TECHNOLOGIES LTD	KEMPER CORP
NAVIGATOR HOLDINGS LTD	KEMPHARM INC
PYXIS TANKERS INC	KENNAMETAL INC
SCORPIO TANKERS INC	KENNEDY-WILSON HOLDINGS INC
STAR BULK CARRIERS CORP	KENTUCKY FIRST FEDERAL BANCORP
TEEKAY CORP	KEROS THERAPEUTICS INC
TEEKAY TANKERS LTD	KEURIG DR PEPPER INC
WAVE LIFE SCIENCES LTD	KEWAUNEE SCIENTIFIC CORP
AAON INC	KEY TRONIC CORP
AAR CORP	KEYCORP
AB WATLEY GROUP INC	KEYSIGHT TECHNOLOGIES INC
ACCO BRANDS CORP	KEYSTONE CONS INDS INC
ADMA BIOLOGICS INC	KEZAR LIFE SCIENCES INC
ADT INC	KFORCE INC
ABM INDUSTRIES INC	KID BRANDS INC
AMR CORPORATION	KILROY REALTY CORP

AFLAC INC	KIMBALL INTERNATIONAL INC
AFP IMAGING CORP	KIMBALL ELECTRONICS INC
ACM RESEARCH INC	KIMBERLY-CLARK CORP
AGCO CORP	KIMCO REALTY CORP
AG MTG INVT TR INC	KINDER MORGAN INC
AGNC INVESTMENT CORP	KINSALE CAPITAL GROUP INC
AES CORP/THE	KIRBY CORP
ALJ REGIONAL HOLDINGS INC	KIRKLAND'S INC
AMC NETWORKS INC	KITE REALTY GROUP TRUST
AMC ENTERTAINMENT HOLDINGS INC	KNIGHT-SWIFT TRANSPORTATION HO
ALX ONCOLOGY HOLDINGS INC	KNOWLES CORP
AMN HEALTHCARE SERVICES INC	KOHL'S CORP
A-MARK PRECIOUS METALS INC	KONA GRILL INC
ANI PHARMACEUTICALS INC	KONTOOR BRANDS INC
ANGI INC	KOPPERS HOLDINGS INC
API GROUP CORP	KOPIN CORP
ARC DOCUMENT SOLUTIONS INC	KORN FERRY
ASGN INC	KOSMOS ENERGY LTD
AMB FINANCIAL CORP	KOSS CORP
AT&T INC	KRAFT HEINZ CO/THE
ATC HEALTHCARE INC	KROGER CO/THE
ATYR PHARMA INC	KRONOS WORLDWIDE INC
ATN INTERNATIONAL INC	KRONOS BIO INC
AZZ INC	KRYSTAL BIOTECH INC
AAIPHARMA INC COM	KULICKE & SOFFA INDUSTRIES INC
AARON'S CO INC/THE	KURA ONCOLOGY INC
ABBOTT LABORATORIES	KYNDRYL HOLDINGS INC
ABBVIE INC	LGL GROUP INC/THE
ABCELLERA BIOLOGICS INC	LHC GROUP INC
ABERCROMBIE & FITCH CO	LICT CORP
ABIOMED INC	CIBL INC
ABRAXAS PETROLEUM CORP	LKQ CORP
ACACIA RESEARCH CORP	LCI INDUSTRIES
ACHILLION PHARMACEUTICALS	LPL FINANCIAL HOLDINGS INC
ACETO CHEM INC ESCROW	LSI INDUSTRIES INC
ACADEMY SPORTS & OUTDOORS INC	LSB INDUSTRIES INC
ACADIA HEALTHCARE CO INC	LTC PROPERTIES INC
ACADIA REALTY TRUST	L3HARRIS TECHNOLOGIES INC
ACCELERATE DIAGNOSTICS INC	LA-Z-BOY INC
ACCLAIM ENTMT INC PAR \$0.02	LABORATORY CORP OF AMERICA HOL
ACCURAY INC	LADDER CAPITAL CORP
ACER THERAPEUTICS INC	LAKELAND BANCORP INC
ACHAOGEN INC	LAKELAND FINANCIAL CORP
ACI WORLDWIDE INC	LAKELAND INDUSTRIES INC
ACLARIS THERAPEUTICS INC	LAM RESEARCH CORP
ACMAT CORP	LAMAR ADVERTISING CO
ACORDA THERAPEUTICS INC	LAMB WESTON HOLDINGS INC

ACORN ENERGY INC	LANCASTER COLONY CORP
ADTRAN HOLDINGS INC	LANDEC CORP
ACRE REALTY INVESTORS INC	LANDMARK BANCORP INC/MANHATTAN
ACRES COMMERCIAL REALTY CORP	LANDSTAR SYSTEM INC
CONTRA ADAMAS PHARMAC	LANNETT CO INC
CONTRA ADAMAS PHARMACE	LANTHEUS HOLDINGS INC
ACRODYNE COMMUNICATIONS INC	LANTRONIX INC
ACTIVISION BLIZZARD INC	LAREDO PETROLEUM INC
ACUITY BRANDS INC	LARGE SCALE BIOLOGY CORP COM
ACUMEN PHARMACEUTICALS INC	LAS VEGAS SANDS CORP
ACURA PHARMACEUTICALS INC	LATTICE SEMICONDUCTOR CORP
ACTUA CORP	ESTEE LAUDER COS INC/THE
ACUSHNET HOLDINGS CORP	LAUREATE EDUCATION INC
ADAMS RESOURCES & ENERGY INC	DISTRIBUTION SOLUTIONS GROUP I
ADDUS HOMECARE CORP	LAZARD EMERG MKT EQY-INST
ADOBE INC	LAZARE KAPLAN INTERNATIONAL IN
ADTALEM GLOBAL EDUCATION INC	LEAR CORP
ADVANCE AUTO PARTS INC	LEARNING TREE INTERNATIONAL IN
ADVANCED BATTERY TECHNOLOGIES	LEE ENTERPRISES INC
AEHR TEST SYSTEMS	LEGGETT & PLATT INC
ADVAXIS INC	LEIDOS HOLDINGS INC
AECOM	LEMAITRE VASCULAR INC
AERIE PHARMACEUTICALS INC	LENDINGCLUB CORP
ADVANSIX INC	LENNAR CORP
ADVERUM BIOTECHNOLOGIES INC	LENNAR CORP
AEON GLOBAL HEALTH CORP	LENNOX INTERNATIONAL INC
AEROJET ROCKETDYNE HOLDINGS IN	LENOX GROUP INC COM
ADVANCED DRAINAGE SYSTEMS INC	LENSAR INC
ADVANCED MICRO DEVICES INC	LESLIE'S INC
ADVANTA CORP	LEXICON PHARMACEUTICALS INC
ADVANTA CORP	LXP INDUSTRIAL TRUST
ADVANCED ENERGY INDUSTRIES INC	LIBERTY BROADBAND CORP
AEROVIRONMENT INC	LIBERTY BROADBAND CORP
AFFILIATED MANAGERS GROUP INC	LIBERTY HOMES INC
AFFYMAX INC	LIBERTY ENERGY INC
AFFIRM HOLDINGS INC	LIBERTY MEDIA CORP-LIBERTY SIR
AFFIRMATIVE INSURANCE HOLDINGS	LIBERTY MEDIA CORP-LIBERTY SIR
AGFEED INDUSTRIES INC NEVADA	LIBERTY MEDIA CORP-LIBERTY FOR
AGILENT TECHNOLOGIES INC	LIBERTY MEDIA CORP-LIBERTY FOR
AGENUS INC	LIBERTY MEDIA CORP-LIBERTY BRA
AGILYSYS INC	LIBERTY TRIPADVISOR HOLDINGS I
AGIOS PHARMACEUTICALS INC	LIFEWAY FOODS INC
AGEX THERAPEUTICS INC	LIFEPOINT INC
AGREE REALTY CORP	LIGAND PHARMACEUTICALS INC
AGILON HEALTH INC	LIFETIME BRANDS INC
AIM IMMUNOTECH INC	LIFE STORAGE INC



AIRBNB INC	LIGHTNING ROD SOFTWARE INC
AIR LEASE CORP	LIGHTPATH TECHNOLOGIES INC
AIR PRODUCTS AND CHEMICALS INC	ELI LILLY & CO
AIR TRANSPORT SERVICES GROUP I	EDGIO INC
AKAMAI TECHNOLOGIES INC	LIMESTONE BANCORP INC
AKEBIA THERAPEUTICS INC	LIMONEIRA CO
AKERO THERAPEUTICS INC	LINCOLN EDUCATIONAL SERVICES C
AKSYS LTD	LINCOLN ELECTRIC HOLDINGS INC
ALAMO GROUP INC	LINCOLN NATIONAL CORP
ALARM.COM HOLDINGS INC	LINDSAY CORP
ALASKA AIR GROUP INC	LINEAGE CELL THERAPEUTICS INC
ALBANY INTERNATIONAL CORP	LIPOCINE INC
ALBEMARLE CORP	LIQUIDMETAL TECHNOLOGIES INC
ALBERTSONS COS INC	LIQUIDITY SERVICES INC
ALBIREO PHARMA INC	LITHIA MOTORS INC
ALCOA CORP	LITTELFUSE INC
ALECTOR INC	LIVE MICROSYSTEMS INC
ALEXANDER & BALDWIN INC	LIVE NATION ENTERTAINMENT INC
ALEXANDER'S INC	LIVENT CORP
ALEXZA PHARMACEUTICALS INC	LIVERAMP HOLDINGS INC
ALEXANDRIA REAL ESTATE EQUITIE	LIVEWORLD INC
ESCROW ALL AMERICAN	LOCAL CORP
ALIBABA GROUP HOLDING LTD	LOCKHEED MARTIN CORP
ALICO INC	LOEWS CORP
ALIGN TECHNOLOGY INC	LOGIC DEVICES INC
ALIGHT INC	LOOKSMART GROUP INC
ALITHYA GROUP INC	LOUISIANA-PACIFIC CORP
ALLEGHANY CORP	LOWE'S COS INC
ALLEGIANCE TELECOM INC COM	LUBY'S INC
ALLEGIANCE BANCSHARES INC	LUCID GROUP INC
ALLEGiant TRAVEL CO	LULULEMON ATHLETICA INC
ALLEGRO BIODIESEL CORP	LL FLOORING HOLDINGS INC
ALLEGRO MICROSYSTEMS INC	LUMENTUM HOLDINGS INC
ALLETE INC	LUMEN TECHNOLOGIES INC
ALLIANT ENERGY CORP	LUMOS PHARMA INC
ALLIED HEALTHCARE PRODUCTS INC	LUNA INNOVATIONS INC
ALLIED MOTION TECHNOLOGIES INC	LYFT INC
ALLISON TRANSMISSION HOLDINGS	M&T BANK CORP
ALLOGENE THERAPEUTICS INC	MBIA INC
ALLOVIR INC	MDC HOLDINGS INC
ALLSCRIPTS HEALTHCARE SOLUTION	MDU RESOURCES GROUP INC
ALLIN CORP	MGE ENERGY INC
ALLSTATE CORP/THE	MGIC INVESTMENT CORP
ALLY FINANCIAL INC	MGM RESORTS INTERNATIONAL
ALNYLAM PHARMACEUTICALS INC	MGP INGREDIENTS INC
ALPHA METALLURGICAL RESOURCES	M/I HOMES INC
ALPHABET INC	MKS INSTRUMENTS INC

ALPHABET INC	MP MATERIALS CORP
ALPHA TEKNOVA INC	MRC GLOBAL INC
ALPHATEC HOLDINGS INC	MSA SAFETY INC
ALPINE IMMUNE SCIENCES INC	MSC INDUSTRIAL DIRECT CO INC
ALSERES PHARMACEUTICALS INC	MSCI INC
ALTAIR ENGINEERING INC	MYR GROUP INC
ALTO INGREDIENTS INC	MACOM TECHNOLOGY SOLUTIONS HOL
ALTISOURCE ASSET MANAGEMENT CO	MABVAX THERAPEUTICS HOLDINGS I
ALTIMMUNE INC	MACERICH CO/THE
ALTERYX INC	VERIS RESIDENTIAL INC
ALTICE USA INC	MACROGENICS INC
ALTRA INDUSTRIAL MOTION CORP	MACY'S INC
ALTRIA GROUP INC	STEVEN MADDEN LTD
AMALGAMATED FINANCIAL CORP	MADISON SQUARE GARDEN SPORTS C
ESCROW AMBASSADORS GROUP INC	MAGENTA THERAPEUTICS INC
AMAZON.COM INC	MAGNA ENTERTAINMENT CORP
AMBAC FINANCIAL GROUP INC	MAGNA INTERNATIONAL INC
AMBASSADORS INTERNATIONAL INC	MAGNACHIP SEMICONDUCTOR CORP
AMCAST INDL CORP COM	MAGNITE INC
AMEDISYS INC	MAGNOLIA OIL & GAS CORP
AMERCO	MAIN STREET CAPITAL CORP
AMEREN CORP	MALAGA FINANCIAL CORP
AMERESCO INC	MALIBU BOATS INC
AMERICAN AIRLINES GROUP INC	MAMMOTH ENERGY SERVICES INC
AMERICAN ASSETS TRUST INC	MANHATTAN ASSOCIATES INC
AMERICAN AXLE & MANUFACTURING	MANNATECH INC
AMERICAN BILTRITE INC	MANNKIND CORP
AMERICAN EAGLE OUTFITTERS INC	MANPOWERGROUP INC
AMERICAN ELECTRIC POWER CO INC	MARATHON OIL CORP
AMERICAN EQUITY INVESTMENT LIF	MARATHON PETROLEUM CORP
AMERICAN EXPRESS CO	MARAVAI LIFESCIENCES HOLDINGS
AMERICAN FINANCIAL GROUP INC/O	MARCHEX INC
NECESSITY RETAIL REIT INC/THE	MARCUS CORP/THE
AMERICAN HOMES 4 RENT	MARGO CARIBE INC
AMERICAN INTERNATIONAL GROUP I	MARINE PRODUCTS CORP
AMERICAN LOCKER GROUP INC	MARKEL CORP
AMERICAN MORTGAGE ACCEPTANCE C	MARKETAXESS HOLDINGS INC
AMERICAN NATIONAL BANKSHARES I	MARQETA INC
AMERICAN MEDICAL ALERT CORP	MARRIOTT VACATIONS WORLDWIDE C
AMERICAN PUBLIC EDUCATION INC	MARSH & MCLENNAN COS INC
AMERICAN REALTY INVESTORS INC	MARRIOTT INTERNATIONAL INC/MD
AMERICAN SHARED HOSPITAL SERVI	MARTEN TRANSPORT LTD
AMERICAN SKIING CO COM	MARTIN MARIETTA MATERIALS INC
AMERICAN SOFTWARE INC/GA	MARVELL TECHNOLOGY INC

AMERICAN STATES WATER CO	MASCO CORP
AMERICAN SUPERCONDUCTOR CORP	MASIMO CORP
AMERICAN TOWER CORP	MASONITE INTERNATIONAL CORP
AMERICAN VANGUARD CORP	MASTEC INC
AMERICAN WATER WORKS CO INC	MASTECH DIGITAL INC
AMERICAN WELL CORP	MASTERCARD INC
AMERICAN WOODMARK CORP	MATADOR RESOURCES CO
AMERICA'S CAR-MART INC/TX	MATCH GROUP INC
AMERICOLD REALTY TRUST INC	MATERION CORP
AMERISAFE INC	MATRIX SERVICE CO
AMERISOURCEBERGEN CORP	MATSON INC
AMERISERV FINANCIAL INC	MATTEL INC
AMERIPRISE FINANCIAL INC	MATTHEWS INTERNATIONAL CORP
AMERIS BANCORP	MAUI LAND & PINEAPPLE CO INC
AMES NATIONAL CORP	MAXCO INC
AMETEK INC	MAXLINEAR INC
AMGEN INC	MAXAR TECHNOLOGIES INC
AMICUS THERAPEUTICS INC	MAXX SPORTS TV INC
AMKOR TECHNOLOGY INC	MAXICARE HEALTH PLANS INC
AMNEAL PHARMACEUTICALS INC	MAXIMUS INC
AMPAL-AMERICAN ISRAEL CORP	JW MAYS INC
AMPCO-PITTSBURGH CORP	MCCORMICK & CO INC/MD
AMPHASTAR PHARMACEUTICALS INC	MCDONALD'S CORP
AMPHENOL CORP	MCEWEN MINING INC
AMREP CORP	MCGRATH RENTCORP
AMRYT PHARMA PLC	MCKESSON CORP
AMTECH SYSTEMS INC	MCRAE INDUSTRIES INC
ANALOG DEVICES INC	MCRAE INDUSTRIES INC
ANAPTYSBIO INC	SOLUNA HOLDINGS INC
ANAVEX LIFE SCIENCES CORP	MEDALLION FINANCIAL CORP
ANDALAY SOLAR INC	MECKLERMEDIA CORP
ANDERSONS INC/THE	MEDIACO HOLDING INC
ANDREA ELECTRONICS CORP	MEDICAL PROPERTIES TRUST INC
ANEMOSTAT DOOR PRODS INC	MEDICINOVA INC
ANEMOSTAT INC	MEDIFAST INC
ANGIODYNAMICS INC	MEDPACE HOLDINGS INC
ANIKA THERAPEUTICS INC	MELCO RESORTS & ENTERTAINMENT
ANNALY CAPITAL MANAGEMENT INC	MERCADOLIBRE INC
ANNEXON INC	MERCANTILE BANK CORP
ANSYS INC	MERCER INTERNATIONAL INC
ANTERO RESOURCES CORP	MERCK & CO INC
ELEVANCE HEALTH INC	MERCURY SYSTEMS INC
ANTERO MIDSTREAM CORP	MERCURY GENERAL CORP
ANTERIX INC	MEREO BIOPHARMA GROUP PLC
APA CORP	MERIDIAN BIOSCIENCE INC
APARTMENT INCOME REIT CORP	MERIT MEDICAL SYSTEMS INC
APELLIS PHARMACEUTICALS INC	MERITAGE HOMES CORP

APHTON CORP	MERRIMACK PHARMACEUTICALS INC
APOGEE ENTERPRISES INC	MERSANA THERAPEUTICS INC
APOLLO COMMERCIAL REAL ESTATE	MESA LABORATORIES INC
APOLLO MEDICAL HOLDINGS INC	PATHWARD FINANCIAL INC
APOLLO ENDOSURGERY INC	METHODE ELECTRONICS INC
APOLLO GLOBAL MANAGEMENT INC	METLIFE INC
APPFOLIO INC	METRO ONE TELECOMMUNICATIONS I
APPLE INC	METTLER-TOLEDO INTERNATIONAL I
APPLE HOSPITALITY REIT INC	MEXCO ENERGY CORP
APPLIED INDUSTRIAL TECHNOLOGIE	MICRO COMPONENT TECHNOLOGY INC
APPLIED MATERIALS INC	MICROSOFT CORP
APPLIED OPTOELECTRONICS INC	MICROCHIP TECHNOLOGY INC
APPLIED MOLECULAR TRANSPORT IN	MICROBOT MEDICAL INC
APPLIED THERAPEUTICS INC	MICRON SOLUTIONS INC
APPLOVIN CORP	MICRON TECHNOLOGY INC
APTARGROUP INC	MICROWAVE FILTER CO INC
APTEVO THERAPEUTICS INC	MID-AMERICA APARTMENT COMMUNIT
APREA THERAPEUTICS INC	MID PENN BANCORP INC
APYX MEDICAL CORP	MICROLOG CORP MD
ARAMARK	MIDDLEBY CORP/THE
ARALEZ PHARMACEUTICALS INC	MIDDLESEX WATER CO
ARAVIVE INC	MIDGARDXXI INC
ARBOR REALTY TRUST INC	MIDWESTONE FINANCIAL GROUP INC
ARCBEST CORP	MILESTONE SCIENTIFIC INC
ARCELLX INC	MILLENNIUM HEALTHCARE INC
ARCH RESOURCES INC	MILLERKNOLL INC
ARCHER-DANIELS-MIDLAND CO	MILLER INDUSTRIES INC/TN
ARCOSA INC	MIMEDX GROUP INC
ARCONIC CORP	MIND TECHNOLOGY INC
ARCUS BIOSCIENCES INC	MINERALS TECHNOLOGIES INC
ARCUTIS BIOTHERAPEUTICS INC	MIRATI THERAPEUTICS INC
ARDELYX INC	MIRUM PHARMACEUTICALS INC
ARES MANAGEMENT CORP	MISSISSIPPI CHEM CORP NEW COM
ARGAN INC	MISTER CAR WASH INC
ARISTA NETWORKS INC	MODEL N INC
ARK RESTAURANTS CORP	MODERNA INC
ARLINGTON ASSET INVESTMENT COR	MODINE MANUFACTURING CO
ARLO TECHNOLOGIES INC	MODIVCARE INC
ARMADA HOFFLER PROPERTIES INC	MOELIS & CO
ARMANINO FOODS OF DISTINCTION	MOHAWK INDUSTRIES INC
ARMOUR RESIDENTIAL REIT INC	MOLINA HEALTHCARE INC
ARMSTRONG WORLD INDUSTRIES INC	MOLECULAR TEMPLATES INC
ARROW ELECTRONICS INC	MOLSON COORS BEVERAGE CO
ARROW FINANCIAL CORP	MOMENTIVE GLOBAL INC
ARTESIAN RESOURCES CORP	MONARCH CASINO & RESORT INC

ARTIFICIAL LIFE INC	MONDELEZ INTERNATIONAL INC
ARTISAN PARTNERS ASSET MANAGEM	MONEYGRAM INTERNATIONAL INC
ART'S-WAY MANUFACTURING CO INC	MONGODB INC
ASANA INC	MONITRONICS INTERNATIONAL INC
ASBURY AUTOMOTIVE GROUP INC	MONOLITHIC POWER SYSTEMS INC
ASENSUS SURGICAL INC	MONOPAR THERAPEUTICS INC
ASHFORD INC	MONRO INC
ASHLAND INC	MONSTER BEVERAGE CORP
ASPEN AEROGELS INC	MONTROSE ENVIRONMENTAL GROUP I
ASPIRA WOMEN'S HEALTH INC	MOODY'S CORP
ASPYRA INC	MOOG INC
ASSEMBLY BIOSCIENCES INC	MOORE HANDLEY INC
ASSERTIO HOLDINGS INC	MORGAN GROUP HOLDING CO
ASSOCIATED BANC-CORP	MORGAN STANLEY
ASSOCIATED CAPITAL GROUP INC	MORNINGSTAR INC
ASSURANT INC	MOSSIMO INC
ASTEC INDUSTRIES INC	MOSAIC CO/THE
ASTRIA THERAPEUTICS INC	MOTORCAR PARTS OF AMERICA INC
ASTRAZENECA PLC	MOTOROLA SOLUTIONS INC
ASTRONOVA INC	MOVADO GROUP INC
ASTRONICS CORP	MOVIE GALLERY INC COM
ASTRONICS CORP	PAUL MUELLER CO
AT&T LATIN AMER CORP COM	MUELLER INDUSTRIES INC
ASURE SOFTWARE INC	MUELLER WATER PRODUCTS INC
ATARA BIOTHERAPEUTICS INC	MR COOPER GROUP INC
ATEA PHARMACEUTICALS INC	MULTIPLAN CORP
ATHENEX INC	MURPHY OIL CORP
ATKORE INC	MURPHY USA INC
ATLANTIC AMERICAN CORP	MYERS INDUSTRIES INC
ATLANTIC UNION BANKSHARES CORP	MYRIAD GENETICS INC
ATLANTICUS HOLDINGS CORP	MYREXIS INC
ATLANTIS PLASTICS INC	NBT BANCORP INC
ATLAS AIR WORLDWIDE HOLDINGS I	NCR CORP
ATMOS ENERGY CORP	NCS MULTISTAGE HOLDINGS INC
ATNA RESOURCES LTD	NASB FINANCIAL INC
ATRICURE INC	NL INDUSTRIES INC
ATRECA INC	NMI HOLDINGS INC
ATRION CORP	NN INC
AUDACY INC	NRG ENERGY INC
AURINIA PHARMACEUTICALS INC	NVR INC
AUTODESK INC	NVE CORP
AUTOHOME INC	NV5 GLOBAL INC
AUTOMATIC DATA PROCESSING INC	NOV INC
AUTONATION INC	NACCO INDUSTRIES INC
AUTOSCOPE TECHNOLOGIES CORP	NANOPHASE TECHNOLOGIES CORP

AUTOZONE INC	NANOVIRICIDES INC
AVADO BRANDS INC COM	NASDAQ INC
AVALARA INC	NATERA INC
AVALONBAY COMMUNITIES INC	NATHAN'S FAMOUS INC
AVANOS MEDICAL INC	NATIONAL BANK HOLDINGS CORP
AVANGRID INC	NATIONAL BANKSHARES INC
AVANTOR INC	NATIONAL BEVERAGE CORP
AVEO PHARMACEUTICALS INC	NATIONAL CINEMEDIA INC
AVERY DENNISON CORP	NATIONAL HEALTHCARE CORP
AVIAT NETWORKS INC	NATIONAL FUEL GAS CO
AVID TECHNOLOGY INC	NATIONAL HEALTH INVESTORS INC
AVID BIOSERVICES INC	NATIONAL INSTRUMENTS CORP
AVIENT CORP	NATIONAL PRESTO INDUSTRIES INC
AVIDITY BIOSCIENCES INC	NATIONAL RESEARCH CORP
AVINGER INC	NATIONAL RETAIL PROPERTIES INC
AVIS BUDGET GROUP INC	NATIONAL STORAGE AFFILIATES TR
AVISTA CORP	NATIONAL VISION HOLDINGS INC
AVNET INC	NATIONAL WESTERN LIFE GROUP IN
AWARE INC/MA	NATURAL ALTERNATIVES INTERNATI
AXCELIS TECHNOLOGIES INC	NATURAL GAS SERVICES GROUP INC
AVROBIO INC	NATURAL GROCERS BY VITAMIN COT
AXION INTERNATIONAL HOLDINGS I	NATURE'S SUNSHINE PRODUCTS INC
AXOGEN INC	NAUTILUS BIOTECHNOLOGY INC
AXON ENTERPRISE INC	NAVIDEA BIOPHARMACEUTICALS INC
AXSOME THERAPEUTICS INC	NAVIENT CORP
AXOS FINANCIAL INC	NCINO INC
AXONICS INC	ESCROW NEW YORK REIT INC
AZEK CO INC/THE	NELNET INC
B&G FOODS INC	NEOLEUKIN THERAPEUTICS INC
BCB BANCORP INC	NEOGEN CORP
BB LIQUIDATING INC	NEOMAGIC CORP
BB SEGURIDADE PARTICIPACOES SA	NEOSE TECHNOLOGIES INC
BGC PARTNERS INC	NESTLE SA
BJ'S WHOLESALE CLUB HOLDINGS I	LESACA TECHNOLOGIES INC
BOK FINANCIAL CORP	NETAPP INC
BRT APARTMENTS CORP	NETFLIX INC
BSML INC	NETCURRENTS INFORMATION SVCS
B RILEY FINANCIAL INC	NETGEAR INC
BK TECHNOLOGIES CORP	NETSCOUT SYSTEMS INC
BM TECHNOLOGIES INC	NETLIST INC
BNCCORP INC	NETWORK-1 TECHNOLOGIES INC
BNS HOLDING INC	NEUROCRINE BIOSCIENCES INC
BWX TECHNOLOGIES INC	NEUROBO PHARMACEUTICALS INC
BABCOCK & WILCOX ENTERPRISES I	NEW FORTRESS ENERGY INC
BADGER METER INC	NEW JERSEY RESOURCES CORP
BADGER PAPER MILLS INC	RITHM CAPITAL CORP
BAIDU INC	NEW RELIC INC

BALCHEM CORP	NEW YORK COMMUNITY BANCORP INC
BALL CORP	NEW YORK MORTGAGE TRUST INC
BALLANTYNE STRONG INC	NEW YORK TIMES CO/THE
BALLY'S CORP	NEWELL BRANDS INC
BAM ENTMT INC	NEWMARK GROUP INC
BANCFIRST CORP	NEWMARKET CORP
BANCO BRADESCO SA	NEWMONT CORP
BANCOLOMBIA SA	NEWPARK RESOURCES INC
BANCORP INC/THE	NEWS CORP
BANDWIDTH INC	NEWS CORP
BANC OF CALIFORNIA INC	NEXTIER OILFIELD SOLUTIONS INC
BANK OF AMERICA CORP	NEXSTAR MEDIA GROUP INC
BANK FIRST CORP	NEXTERA ENERGY INC
BANK OF HAWAII CORP	NEXPOINT RESIDENTIAL TRUST INC
BANK OF MARIN BANCORP	NEXTGEN HEALTHCARE INC
BANK OF NEW YORK MELLON CORP/T	NEXTCURE INC
BANK OZK	NICE LTD
BANK OF SOUTH CAROLINA CORP	NICOLET BANKSHARES INC
BANKFINANCIAL CORP	NIKE INC
BANKUNITED INC	NINE ENERGY SERVICE INC
BANK7 CORP	NISOURCE INC
BANNER CORP	NITCHES INC
BANKWELL FINANCIAL GROUP INC	NLIGHT INC
BAR HARBOR BANKSHARES	NKARTA INC
BARINGS BDC INC	NOBILITY HOMES INC
BARNES & NOBLE EDUCATION INC	NOKIA OYJ
BARNES GROUP INC	NORD RESOURCES CORP
BARNWELL INDUSTRIES INC	NORDSON CORP
BARRETT BUSINESS SERVICES INC	NORDSTROM INC
BATH & BODY WORKS INC	NORFOLK SOUTHERN CORP
BATTALION OIL	NORTECH SYSTEMS INC
BATTALION OIL	NORTHEAST BANK
EDDIE BAUER HOLDINGS INC	NORTHEAST COMMUNITY BANCORP IN
BAUSCH HEALTH COS INC	NORTHEAST INDIANA BANCORP INC
BAXANO SURGICAL INC	NORTHERN OIL AND GAS INC
BAXTER INTERNATIONAL INC	NORTHERN TECHNOLOGIES INTERNAT
BBX CAPITAL INC	NORTHERN TRUST CORP
BP FLY CORP	NORTHFIELD BANCORP INC
BEACON ROOFING SUPPLY INC	NORTHRIM BANCORP INC
BEAM THERAPEUTICS INC	NORTHROP GRUMMAN CORP
BEARD CO/THE	NORTHWEST BIOTHERAPEUTICS INC
BEASLEY BROADCAST GROUP INC	NORTHWEST NATURAL HOLDING CO
BEAZER HOMES USA INC	NORTHWEST PIPE CO
BEBE STORES INC	NORTHWESTERN CORP
BECTON DICKINSON AND CO	NORTONLIFELOCK INC

BEL FUSE INC	NORWOOD FINANCIAL CORP
BEL FUSE INC	NOVARTIS AG
BELDEN INC	NOVATION COS INC
BELLRING BRANDS INC	NOVANTA INC
BELLEROPHON THERAPEUTICS INC	NOVAVAX INC
BELLICUM PHARMACEUTICALS INC	NOVELSTEM INTERNATIONAL CORP
BENCHMARK ELECTRONICS INC	NOW INC
BENEFITFOCUS INC	NU SKIN ENTERPRISES INC
BENTLEY SYSTEMS INC	NUCOR CORP
W R BERKLEY CORP	NUTANIX INC
BERKSHIRE BANCORP INC/NY	NVIDIA CORP
BERKSHIRE HATHAWAY INC	NUTROGANICS INC
BERRY GLOBAL GROUP INC	NUVASIVE INC
BEST BUY CO INC	NYER MED GROUP INC
BEYOND AIR INC	OCA INC
BIG 5 SPORTING GOODS CORP	OGE ENERGY CORP
BIG LOTS INC	O-I GLASS INC
BIGLARI HOLDINGS INC	O'REILLY AUTOMOTIVE INC
BIGLARI HOLDINGS INC	OFG BANCORP
BILL.COM HOLDINGS INC	OSI SYSTEMS INC
BIMINI CAPITAL MANAGEMENT INC	OAK STREET HEALTH INC
BIO-RAD LABORATORIES INC	OAKTREE SPECIALTY LENDING CORP
BIOMARIN PHARMACEUTICAL INC	CHORD ENERGY CORP
BIOLIFE SOLUTIONS INC	OBLONG INC
BIOGEN INC	OCCIDENTAL PETROLEUM CORP
BIO-TECHNE CORP	OCCIDENTAL PETROLEUM CO CW27
BIOSIG TECHNOLOGIES INC	OCEANEERING INTERNATIONAL INC
BIOSTAGE INC	OCEANFIRST FINANCIAL CORP
BIOVENTUS INC	OCWEN FINANCIAL CORP
BIOXCEL THERAPEUTICS INC	ODYSSEY MARINE EXPLORATION INC
BIONTECH SE	OHIO VALLEY BANC CORP
BIRKS GROUP INC	OIL-DRI CORP OF AMERICA
BIOLASE INC	OIL STATES INTERNATIONAL INC
BJ'S RESTAURANTS INC	OILSANDS QUEST INC
BLACK HILLS CORP	OKTA INC
BLACK KNIGHT INC	OLAPLEX HOLDINGS INC
BLACKBAUD INC	OLD DOMINION FREIGHT LINE INC
BLACKBERRY LTD	OLD NATIONAL BANCORP/IN
BLACKLINE INC	OLD POINT FINANCIAL CORP
BLACKROCK INC	OLD REPUBLIC INTERNATIONAL COR
BLACKSTONE MORTGAGE TRUST INC	OLD SECOND BANCORP INC
BLACKSTONE INC	OLEMA PHARMACEUTICALS INC
H&R BLOCK INC	OLIN CORP
BLONDER TONGUE LABORATORIES IN	OLLIE'S BARGAIN OUTLET HOLDING
BLUCORA INC	OLYMPIC STEEL INC
BLUE DOLPHIN ENERGY CO	OMNICOM GROUP INC
BLUE OWL CAPITAL INC	OMEGA HEALTHCARE INVESTORS INC



BLUE RIVER BANCSHARES INC	OMTHERA PHARMACEUTICALS
BLUEBIRD BIO INC	OMEGA FLEX INC
BLUELINX HOLDINGS INC	OMNICELL INC
BLUEROCK RESIDENTIAL GROWTH RE	OMEROS CORP
BLUEGREEN VACATIONS HOLDING CO	OMEGA THERAPEUTICS INC
BOEING CO/THE	ON SEMICONDUCTOR CORP
BOISE CASCADE CO	1-800-ATTORNEY INC
BON-TON STORES INC/THE	180 DEGREE CAPITAL CORP
BOMBAY CO	ONCOCYTE CORP
BONTEX INC	ONE GAS INC
BOOKING HOLDINGS INC	ONCTERNAL THERAPEUTICS INC
BOOT BARN HOLDINGS INC	ONE LIBERTY PROPERTIES INC
BOOZ ALLEN HAMILTON HOLDING CO	1-800-FLOWERS.COM INC
BORGWARNER INC	ONEMAIN HOLDINGS INC
BOSTON BEER CO INC/THE	ONEOK INC
BOSTON PROPERTIES INC	1LIFE HEALTHCARE INC
BOSTON SCIENTIFIC CORP	ONETRAVEL HOLDINGS INC
BOX INC	ONESPAN INC
BOYD GAMING CORP	ONTO INNOVATION INC
BOYDS COLLECTION LTD/THE	ONTRAK INC
BRADY CORP	OPENDOOR TECHNOLOGIES INC
BRAEMAR HOTELS & RESORTS INC	OPKO HEALTH INC
BRANDYWINE REALTY TRUST	OPIANT PHARMACEUTICALS INC
BRAZE INC	OPTICAL CABLE CORP
BRIDGFORD FOODS CORP	ORACLE CORP
BRIGGS & STRATTON ESCROW	OPTIMIZERX CORP
BRIGHT HORIZONS FAMILY SOLUTIO	ORAMED PHARMACEUTICALS INC
BRIGHTCOVE INC	OPTION CARE HEALTH INC
BRIGHTHOUSE FINANCIAL INC	ORASURE TECHNOLOGIES INC
BRIGHTVIEW HOLDINGS INC	ORBIT INTERNATIONAL CORP
BRIGHTSPIRE CAPITAL INC	ORCHIDS PAPER PRODUCTS CO
BRINKER INTERNATIONAL INC	ORGANOVO HOLDINGS INC
BRINK'S CO/THE	ORGANOGENESIS HOLDINGS INC
BRISTOL-MYERS SQUIBB CO	ORIC PHARMACEUTICALS INC
BRISTOW GROUP INC	ORGANON & CO
BRITISH AMERICAN TOBACCO PLC	ORION ENERGY SYSTEMS INC
BRIXMOR PROPERTY GROUP INC	ORION GROUP HOLDINGS INC
BROADRIDGE FINANCIAL SOLUTIONS	ORLEANS HOMEBUILDERS INC
BROADSTONE NET LEASE INC	ORMAT TECHNOLOGIES INC
BROADCOM INC	ORTHOMETRIX INC
BROADWAY FINANCIAL CORP/DE	ORTHOPEDIATRICS CORP
BROOKDALE SENIOR LIVING INC	ORTHOFIX MEDICAL INC
BROOKE CORP	OSCIENT PHARMACEUTICALS CORP
BROOKFIELD RENEWABLE CORP	OSHKOSH CORP
BROOKLINE BANCORP INC	OTIS WORLDWIDE CORP
BROOKLYN IMMUNOTHERAPEUTICS IN	OTONOMY INC

AZENTA INC	OTTER TAIL CORP
BROWN & BROWN INC	OUTFRONT MEDIA INC
BROWN-FORMAN CORP	OVERSTOCK.COM INC
BROWN-FORMAN CORP	OVINTIV INC
BRUKER CORP	OWENS & MINOR INC
BRUNSWICK CORP/DE	OWENS CORNING
BSQUARE CORP	OXFORD INDUSTRIES INC
BUCKLE INC/THE	OYSTER POINT PHARMA INC
BUILD-A-BEAR WORKSHOP INC	P&F INDUSTRIES INC
BUILDERS FIRSTSOURCE INC	PHX MINERALS INC
BUILDING MATLS HLDG CORP	PAM TRANSPORTATION SERVICES IN
BUMBLE INC	PBF ENERGY INC
BURLINGTON STORES INC	PC CONNECTION INC
BUSINESS FIRST BANCSHARES INC	PCTEL INC
C&F FINANCIAL CORP	PDC ENERGY INC
CBIZ INC	PDF SOLUTIONS INC
CBTX INC	PDL BIOPHARMA INC
CBL & ASSOCIATES PROPERTIES IN	PG&E CORP
CCA INDUSTRIES INC	PGT INNOVATIONS INC
CBOE GLOBAL MARKETS INC	PJT PARTNERS INC
CBRE GROUP INC	PNC FINANCIAL SERVICES GROUP I
CCC INTELLIGENT SOLUTIONS HOLD	PNM RESOURCES INC
CDW CORP/DE	PPG INDUSTRIES INC
CECO ENVIRONMENTAL CORP	PPL CORP
CF INDUSTRIES HOLDINGS INC	PMV PHARMACEUTICALS INC
C4 THERAPEUTICS INC	PRA GROUP INC
CH ROBINSON WORLDWIDE INC	PVH CORP
CIGNA CORP	PTC THERAPEUTICS INC
CREATIVE MEDIA & COMMUNITY TRU	PTC INC
CLST HOLDINGS INC	PAC-WEST TELECOMM INC COM
CME GROUP INC	PACCAR INC
CMS ENERGY CORP	P10 INC
CPI CORP	PACIFIC PREMIER BANCORP INC
CPI AEROSTRUCTURES INC	PACIFICHEALTH LABORATORIES INC
CMTSU LIQUIDATION INC	PACIRA BIOSCIENCES INC
CNA FINANCIAL CORP	PACKAGING CORP OF AMERICA
CRA INTERNATIONAL INC	PACWEST BANCORP
CNO FINANCIAL GROUP INC	PAINCARE HOLDINGS INC
CSG SYSTEMS INTERNATIONAL INC	PALATIN TECHNOLOGIES INC
CSP INC	PALANTIR TECHNOLOGIES INC
CSW INDUSTRIALS INC	PALO ALTO NETWORKS INC
CSX CORP	PALOMAR HOLDINGS INC
CTS CORP	PAPA JOHN'S INTERNATIONAL INC
CNX RESOURCES CORP	PAR PACIFIC HOLDINGS INC
CVF TECHNOLOGIES CORP	PAR TECHNOLOGY CORP
CVB FINANCIAL CORP	PARAGON TECHNOLOGIES INC
CVR ENERGY INC	PARAMOUNT GROUP INC

CVS HEALTH CORP	PARATEK PHARMACEUTICALS INC
CABLE ONE INC	PARETEUM CORP
CAGY INDUSTRIES INC	PARK AEROSPACE CORP
CABOT CORP	PARK HOTELS & RESORTS INC
COTERRA ENERGY INC	PARK NATIONAL CORP
CACHE INC	PARKER DRILLING CO-CW24
CACI INTERNATIONAL INC	PARKER-HANNIFIN CORP
CACTUS INC	PARKERVISION INC
CADENCE DESIGN SYSTEMS INC	PARSONS CORP
CADENCE BANK	PARTICLE DRILLING TECHNOLOGIES
CADIZ INC	PATHFINDER BANCORP INC
CAESARS ENTERTAINMENT INC	PATRICK INDUSTRIES INC
CAL DIVE INTERNATIONAL INC	PATRIOT NATIONAL BANCORP INC
CAL-MAINE FOODS INC	PATRIOT TRANSPORTATION HOLDING
CALAMP CORP	PATTERSON COS INC
CALAVO GROWERS INC	PATTERSON-UTI ENERGY INC
CALERES INC	PAYCOM SOFTWARE INC
CALIFORNIA COASTAL COMMUNITIES	PAYCHEX INC
CALIFORNIA FIRST LEASING CORP	PAYCOR HCM INC
CALIFORNIA RESOURCES CORP	PAYLOCITY HOLDING CORP
CALIFORNIA WATER SERVICE GROUP	PAYPAL HOLDINGS INC
CALIX INC	PEABODY ENERGY CORP
TOPGOLF CALLAWAY BRANDS CORP	PEAPACK-GLADSTONE FINANCIAL CO
CALLON PETROLEUM CO	PEBBLEBROOK HOTEL TRUST
CALLOWAY'S NURSERY INC	PEGASUS COS INC/THE
CALMARE THERAPEUTICS INC	PEGASYSTEMS INC
CALYXT INC	PELOTON INTERACTIVE INC
CAMBRIDGE HEART INC	PENN ENTERTAINMENT INC
CAMBER ENERGY INC	PENN OCTANE CORP
CAMBRIDGE CAPITAL HOLDINGS INC	PENN TREATY AMERICAN CORP
CAMBRIDGE BANCORP	RANGER OIL CORP
CAMDEN NATIONAL CORP	PENNANT GROUP INC/THE
CAMDEN PROPERTY TRUST	PENNANTPARK FLOATING RATE CAPI
CAMPBELL SOUP CO	PENNS WOODS BANCORP INC
CAMPING WORLD HOLDINGS INC	PENSON WORLDWIDE INC
CANADIAN PACIFIC RAILWAY LTD	PENNSYLVANIA REAL ESTATE INVES
CANADIAN SOLAR INC	PENNYMAC FINANCIAL SERVICES IN
CANNAE HOLDINGS INC	PENSKE AUTOMOTIVE GROUP INC
CANO PETROLEUM INC	PENUMBRA INC
CANTERBURY PARK HOLDING CORP	PEOPLES BANCORP INC/OH
CAPITAL CITY BANK GROUP INC	PEOPLES BANCORP OF NORTH CAROL
CAPITAL ONE FINANCIAL CORP	PEOPLES COMMUNITY BANCORP INC
CAPITAL PROPERTIES INC	PEOPLES FINANCIAL CORP/MS
SONIDA SENIOR LIVING INC	PEOPLES FINANCIAL SERVICES COR
CAPITAL SOUTHWEST CORP	PEOPLES-SIDNEY FINANCIAL CORP
CAPITOL BANCORP LTD	PEPSICO INC

CAPITOL FEDERAL FINANCIAL INC	PERASO INC
CAPSTONE GREEN ENERGY CORP	PERDOCEO EDUCATION CORP
CAPRICOR THERAPEUTICS INC	PERFICIENT INC
CARA THERAPEUTICS INC	PERFORMANCE FOOD GROUP CO
CARD ACTIVATION TECHNOLOGIES I	PERKINELMER INC
CARDINAL HEALTH INC	PERMA-FIX ENVIRONMENTAL SERVIC
CARDIOVASCULAR SYSTEMS INC	PERMA-PIPE INTERNATIONAL HOLDI
CAREDX INC	PERSONALIS INC
CARECLOUD INC	TELKOM INDONESIA PERSERO TBK P
CAREMAX INC	PETCO HEALTH & WELLNESS CO INC
CARETRUST REIT INC	PETMED EXPRESS INC
CARGURUS INC	PETIQ INC
CARIBOU BIOSCIENCES INC	PETROLEO BRASILEIRO SA
CARLISLE COS INC	PETROS PHARMACEUTICALS INC
CARMAX INC	PFIZER INC
CARLYLE GROUP INC/THE	PFSWEB INC
CARNIVAL CORP	PHARMANETICS INC COM
CARPENTER TECHNOLOGY CORP	PHIBRO ANIMAL HEALTH CORP
CARRIER GLOBAL CORP	PHILIP MORRIS INTERNATIONAL IN
CARROLS RESTAURANT GROUP INC	PHILLIPS EDISON & CO INC
CARS.COM INC	PHILLIPS 66
CARTER'S INC	PHOTRONICS INC
CARVANA CO	PHYSICIANS REALTY TRUST
CASELLA WASTE SYSTEMS INC	PIEDMONT LITHIUM INC
CASEY'S GENERAL STORES INC	PIEDMONT OFFICE REALTY TRUST I
CASI PHARMACEUTICALS INC	PILGRIM'S PRIDE CORP
CASS INFORMATION SYSTEMS INC	PINNACLE BANCSHARES INC/AL
CASSAVA SCIENCES INC	PINEAPPLE ENERGY INC
AM CASTLE & CO	PINNACLE FINANCIAL PARTNERS IN
CASTLE BIOSCIENCES INC	PINNACLE WEST CAPITAL CORP
CATALENT INC	PINTEREST INC
CATALYST BIOSCIENCES INC	PIONEER NATURAL RESOURCES CO
CATALYST PHARMACEUTICALS INC	PIPER SANDLER COS
CATHAY GENERAL BANCORP	PITNEY BOWES INC
CATO CORP/THE	PIXELWORKS INC
CATUITY INC	PLAINS ALL AMERICAN PIPELINE L
CAVCO INDUSTRIES INC	PLANET FITNESS INC
CBAK ENERGY TECHNOLOGY INC	PLAYTIKA HOLDING CORP
CEL-SCI CORP	PLEXUS CORP
CELADON GROUP INC	PLUG POWER INC
CELANESE CORP	PLUS THERAPEUTICS INC
CELERITY SOLUTIONS INC	PLX PHARMA INC
CELCUITY INC	PLYMOUTH INDUSTRIAL REIT INC
CELLEX THERAPEUTICS INC	POINT.360
CELSIUS HOLDINGS INC	POINT BLANK SOLUTIONS INC
CENTENE CORP	POLARIS INC
CENTERPOINT ENERGY INC	POLARITYTE INC

CENTERSPACE	POLYMER RESH CORP AMER
CENTRAL GARDEN & PET CO	PONIARD PHARMACEUTICALS INC
CENTRAL GARDEN & PET CO	POOL CORP
CENTRAL PACIFIC FINANCIAL CORP	POPULAR INC
CENTRAL VALLEY COMMUNITY BANCO	PORTLAND GENERAL ELECTRIC CO
CENTRUS ENERGY CORP	POST HOLDINGS INC
CENTURY COMMUNITIES INC	POTLATCHDELTIC CORP
CENVEO INC	POWELL INDUSTRIES INC
CERBCO INC CL A	POWER INTEGRATIONS INC
CERENCE INC	POWERFLEET INC
CERIDIAN HCM HOLDING INC	POWER REIT
CERTARA INC	POWERWAVE TECHNOLOGIES INC
CERUS CORP	PRAXIS PRECISION MEDICINES INC
CEVA INC	PRECISION BIOSCIENCES INC
CHAMPION INDUSTRIES INC/WV	PREFERRED BANK/LOS ANGELES CA
CHAMPION PARTS INC	PREFORMED LINE PRODUCTS CO
CHAMPIONS ONCOLOGY INC	PREMIER EXHIBITIONS INC
CHAMPIONX CORP	PREMIER INC
CHANGE HEALTHCARE INC	PREMIER FINANCIAL CORP
CHANNELADVISOR CORP	PRESIDENTIAL REALTY CORP
CHARGEPOINT HOLDINGS INC	PRESTIGE CONSUMER HEALTHCARE I
CHARLES & COLVARD LTD	PRESSURE BIOSCIENCES INC
CHARLES RIVER LABORATORIES INT	T ROWE PRICE GROUP INC
CHART INDUSTRIES INC	PRICESMART INC
CHARTER COMMUNICATIONS INC DEL	PRIMEENERGY RESOURCES CORP
CHARTER COMMUNICATIONS INC	PRIMORIS SERVICES CORP
CHASE CORP	PRIMERICA INC
CHATHAM LODGING TRUST	PRIMIS FINANCIAL CORP
CHAZAK VALUE CORP COM	PRINCETON NATIONAL BANCORP INC
CHEFS' WAREHOUSE INC/THE	PRINCIPAL FINANCIAL GROUP INC
CHEGG INC	PRO-DEX INC
CHEMBIO DIAGNOSTICS INC	PROASSURANCE CORP
CHEMED CORP	PROCTER & GAMBLE CO/THE
CHEMOURS CO/THE	PRISM TECHNOLOGIES GROUP INC
CHENIERE ENERGY INC	PROCORE TECHNOLOGIES INC
CHERRY HILL MORTGAGE INVESTMEN	PROGENICS PHARMACEUTICALS INC
CHESAPEAKE ENERGY CORP	PROG HOLDINGS INC
CHESAPEAKE UTILITIES CORP	PROGRESS SOFTWARE CORP
CHEVRON CORP	PROGRESSIVE CORP/THE
CHICAGO RIVET & MACHINE CO	PROGYNY INC
CHICO'S FAS INC	PROLIANCE INTERNATIONAL INC
CHILDREN'S PLACE INC/THE	PROLOGIS INC
CHIMERA INVESTMENT CORP	PROPHASE LABS INC
CHIMERIX INC	PROS HOLDINGS INC
CHINA PRECISION STEEL INC	PROPETRO HOLDING CORP
CHINA SKY ONE MEDICAL INC	PROSPECT CAPITAL CORP

CHINA CGAME INC	PROSPERITY BANCSHARES INC
CHIPOTLE MEXICAN GRILL INC	PROTALIX BIOTHERAPEUTICS INC
CHOICE HOTELS INTERNATIONAL IN	PROTARA THERAPEUTICS INC
ESCROW CHROMCRAFT REVINGTON	PROTAGONIST THERAPEUTICS INC
CHRISTOPHER & BANKS CORP	PROTO LABS INC
CHURCH & DWIGHT CO INC	PROVENTION BIO INC
CHURCHILL DOWNS INC	PROVIDENT FINANCIAL HOLDINGS I
CHUY'S HOLDINGS INC	PROXIM WIRELESS CORP
CICERO INC	PRUDENTIAL FINANCIAL INC
CIENA CORP	PSYCHEMEDICS CORP
CINCINNATI FINANCIAL CORP	PUBLIC SERVICE ENTERPRISE GROU
CIRCOR INTERNATIONAL INC	PUBLIC STORAGE
CISCO SYSTEMS INC	PULTEGROUP INC
CIRRUS LOGIC INC	PULSE BIOSCIENCES INC
CINTAS CORP	PURE BIOSCIENCE INC
CITIZENS & NORTHERN CORP	PURE CYCLE CORP
CITIGROUP INC	PURE STORAGE INC
CITI TRENDS INC	QCR HOLDINGS INC
CITIZENS FINANCIAL GROUP INC	QEP CO INC
CITIZENS FINANCIAL CORP/KY	QC HOLDINGS INC
CITIZENS INC/TX	PZENA INVESTMENT MANAGEMENT IN
CITIZENS COMMUNITY BANCORP INC	QUAKER CHEMICAL CORP
CITRIX SYSTEMS INC	QORVO INC
CITY BANK/LYNNWOOD WA	Q2 HOLDINGS INC
CITY HOLDING CO	QUALCOMM INC
CITY OFFICE REIT INC	QUALSTAR CORP
CIVEO CORP	QUALYS INC
CIVITAS RESOURCES INC	QUANEX BUILDING PRODUCTS CORP
CLARENT CORP	QUANTA SERVICES INC
CLEAN HARBORS INC	QUANTUMSCAPE CORP
CLEAN ENERGY FUELS CORP	QMED INC
CLEARFIELD INC	QUEST DIAGNOSTICS INC
CLEARONE INC	QUICKLOGIC CORP
CLEARSIGN TECHNOLOGIES CORP	QUINSTREET INC
CLEARWATER ANALYTICS HOLDINGS	QUMU CORP
CLEARWATER PAPER CORP	QUOTIENT TECHNOLOGY INC
CLEARWAY ENERGY INC	RAIT FINANCIAL TRUST
CLEARWAY ENERGY INC	RCM TECHNOLOGIES INC
CLEVELAND-CLIFFS INC	REV GROUP INC
CLOROX CO/THE	RGC RESOURCES INC
CLOUDFLARE INC	RF INDUSTRIES LTD
CLOVIS ONCOLOGY INC	RLI CORP
COCA-COLA CONSOLIDATED INC	RLJ LODGING TRUST
COCA-COLA CO/THE	RMR GROUP INC/THE
CODEXIS INC	RH
CODORUS VALLEY BANCORP INC	RPM INTERNATIONAL INC
COEUR MINING INC	RPT REALTY

COGENT COMMUNICATIONS HOLDINGS	RADIAN GROUP INC
COGNEX CORP	RADNET INC
COGNIZANT TECHNOLOGY SOLUTIONS	RAFAEL HOLDINGS INC
COHEN & STEERS INC	RAINMAKER SYSTEMS INC
COHERENT CORP	RAMBUS INC
COHERUS BIOSCIENCES INC	RALPH LAUREN CORP
COHU INC	RANGE RESOURCES CORP
COINBASE GLOBAL INC	RAPID MICRO BIOSYSTEMS INC
COLDWATER CREEK INC	RAPID7 INC
ENOVIS CORP	RAPT THERAPEUTICS INC
COLGATE-PALMOLIVE CO	RAVE RESTAURANT GROUP INC
COLLEGIUM PHARMACEUTICAL INC	RAYMOND JAMES FINANCIAL INC
COLLINS & AIKMAN CORP	RAYONIER INC
COLONY BANKCORP INC	RAYTHEON TECHNOLOGIES CORP
COLUMBIA BANKING SYSTEM INC	RBC BEARINGS INC
COLUMBIA SPORTSWEAR CO	RE/MAX HOLDINGS INC
COLUMBUS MCKINNON CORP/NY	READING INTERNATIONAL INC
COMFORT SYSTEMS USA INC	READY CAPITAL CORP
COMCAST CORP	REALNETWORKS INC
COMERICA INC	ANYWHERE REAL ESTATE INC
COMMERCE BANCSHARES INC/MO	REALTY INCOME CORP
COMMERCIAL METALS CO	SOCIETAL CDMO INC
COMMERCIAL NATIONAL FINANCIAL	RECRUITER.COM GROUP INC
COMMONWEALTH BANKSHARES INC	RED ROBIN GOURMET BURGERS INC
CONTRA COMMUNICATIONS	RED ROCK RESORTS INC
COMMSCOPE HOLDING CO INC	REDWOOD TRUST INC
COMMUNITY BANK SYSTEM INC	REGAL REXNORD CORP
COMMUNITY HEALTH SYSTEMS INC	REGENCY CENTERS CORP
COMMUNITY FINANCIAL CORP/THE	REGENERON PHARMACEUTICALS INC
COMMUNITY HEALTHCARE TRUST INC	REGIS CORP
COMMUNICATIONS SYSTEMS INC	REGENXBIO INC
COMMUNITY TRUST BANCORP INC	REGIONS FINANCIAL CORP
COMMUNITY WEST BANCSHARES	REINSURANCE GROUP OF AMERICA I
COMMVAULT SYSTEMS INC	RELIANCE STEEL & ALUMINUM CO
COMPASS MINERALS INTERNATIONAL	RELMADA THERAPEUTICS INC
ADVANZEON SOLUTIONS INC	REMARK HOLDINGS INC
COMPUTER PROGRAMS AND SYSTEMS	RENASANT CORP
COMPUTER SERVICES INC	RELIABILITY INC
COMPUTER TASK GROUP INC	REPLIGEN CORP
COMPX INTERNATIONAL INC	RENT-A-CENTER INC/TX
COMSCORE INC	RENTECH INC
COMSTOCK RESOURCES INC	REPARE THERAPEUTICS INC
COMTECH TELECOMMUNICATIONS COR	REPUBLIC BANCORP INC/KY
CONAGRA BRANDS INC	REPLIMUNE GROUP INC

ESC CONCORD CAMERA CORP	REPUBLIC FIRST BANCORP INC
CONCENTRIX CORP	REPUBLIC SERVICES INC
CONCERT PHARMACEUTICALS INC	RESONATE BLENDS INC
CONDUENT INC	RESEARCH FRONTIERS INC
CONE MLS CORP N C	RESMED INC
CONFLUENT INC	RESOLUTE FOREST PRODUCTS INC
CONMED CORP	RESIDEO TECHNOLOGIES INC
CONNECTONE BANCORP INC	RESOURCES CONNECTION INC
CONN'S INC	RETRACTABLE TECHNOLOGIES INC
CONOCOPHILLIPS	RESTAURANT BRANDS INTERNATIONA
CONRAD INDUSTRIES INC	RETAIL PRO INC
CONSENSUS CLOUD SOLUTIONS INC	RETAIL OPPORTUNITY INVESTMENTS
CONSOL ENERGY INC	RETAIL VALUE INC
CONSOLIDATED COMMUNICATIONS HO	REVOLVE GROUP INC
CONSOLIDATED EDISON INC	REX AMERICAN RESOURCES CORP
CONSTELLATION BRANDS INC	REXHALL INDUSTRIES INC
CONSTELLATION ENERGY CORP	REXFORD INDUSTRIAL REALTY INC
CONSTRUCTION PARTNERS INC	REYNOLDS CONSUMER PRODUCTS INC
CONSUMER PORTFOLIO SERVICES IN	REZOLUTE INC
CONTANGO ORE INC	RHYTHM PHARMACEUTICALS INC
CONTINENTAL RESOURCES INC/OK	RIBBON COMMUNICATIONS INC
CONTROL CHIEF HOLDINGS INC	RICHARDSON ELECTRONICS LTD/UNI
COOPER COS INC/THE	RIGEL PHARMACEUTICALS INC
COOPER-STANDARD HOLDINGS INC	RILEY EXPLORATION PERMIAN INC
COPART INC	RINGCENTRAL INC
CORCEPT THERAPEUTICS INC	RING ENERGY INC
CORE MOLDING TECHNOLOGIES INC	RIO TINTO PLC
CORE & MAIN INC	RITE AID CORP
CORINTHIAN COLLEGES INC	RIVERVIEW BANCORP INC
CORNING INC	RIVIAN AUTOMOTIVE INC
QUIDELORTHO CORP	RIVIERA RESOURCES INC
CORPORATE OFFICE PROPERTIES TR	ROADHOUSE GRILL INC COM
CORTEVA INC	ROBERT HALF INTERNATIONAL INC
QUINCE THERAPEUTICS INC	ROBINHOOD MARKETS INC
CORVEL CORP	ROBLOX CORP
COSTCO WHOLESALE CORP	ROCK CREEK PHARMACEUTICALS INC
COSTAR GROUP INC	ROCKET COS INC
COSTAR TECHNOLOGIES INC/NJ	ROCKET PHARMACEUTICALS INC
COTY INC	ROCKWELL AUTOMATION INC
COUPA SOFTWARE INC	ROCKWELL MEDICAL INC
COUSINS PROPERTIES INC	ROCKY BRANDS INC
COVENANT LOGISTICS GROUP INC	ROCKY MOUNTAIN CHOCOLATE FACTO
COVETRUS INC	ROGERS CORP
COWEN INC	ROKU INC



CRACKER BARREL OLD COUNTRY STO	ROLLINS INC
CRANE HOLDINGS CO	R1 RCM INC
CRAWFORD UNITED CORP	ROPER TECHNOLOGIES INC
CRAZY WOMAN CREEK BANCORP INC	ROSS STORES INC
CREATIVE REALITIES INC	ROWE COS/THE
CREDIT ACCEPTANCE CORP	ROYAL GOLD INC
CREXENDO INC	ROYALE ENERGY INC
CRINETICS PHARMACEUTICALS INC	RUBICON TECHNOLOGY INC
CROCS INC	RUSH ENTERPRISES INC
CROSS COUNTRY HEALTHCARE INC	RUTH'S HOSPITALITY GROUP INC
CROSSROADS IMPACT CORP	RYAN SPECIALTY HOLDINGS INC
CROWDSTRIKE HOLDINGS INC	RYANAIR HOLDINGS PLC
CROWN ANDERSEN INC	RYDER SYSTEM INC
CROWN CASTLE INC	RYMAN HOSPITALITY PROPERTIES I
CROWN CRAFTS INC	S&P GLOBAL INC
CROWN HOLDINGS INC	SBA COMMUNICATIONS CORP
ARTIVION INC	SED INTERNATIONAL HOLDINGS INC
CRYOPORT INC	SEI INVESTMENTS CO
CTO REALTY GROWTH INC	SEACOR MARINE HOLDINGS INC
CUBESMART	SJW GROUP
CUE BIOPHARMA INC	SL GREEN REALTY CORPORATION
CULLEN/FROST BANKERS INC	SLM CORP
CULLINAN ONCOLOGY INC	SM ENERGY CO
CULP INC	SPS COMMERCE INC
CUMMINS INC	SS&C TECHNOLOGIES HOLDINGS INC
CUMULUS MEDIA INC	SP PLUS CORP
CURATIVE HEALTH SVCS INC NEW	SPX TECHNOLOGIES INC
CURIS INC	SSR MINING INC
CURO GROUP HOLDINGS CORP	STR HOLDINGS INC
CURTISS-WRIGHT CORP	SVB FINANCIAL GROUP
CUSTOMERS BANCORP INC	SPAR GROUP INC
CUTERA INC	SWK HOLDINGS CORP
CYANOTECH CORP	SABRA HEALTH CARE REIT INC
CYBEROPTICS CORP	SAFEGUARD SCIENTIFICS INC
CYBRDI INC	SAFETY INSURANCE GROUP INC
CYCLERION THERAPEUTICS INC	SAGA COMMUNICATIONS INC
CYMABAY THERAPEUTICS INC	SAGE THERAPEUTICS INC
CYTOKINETICS INC	SAGEMARK COS LTD
CYTRX CORP	SAIA INC
CYTODYN INC	ST JOE CO/THE
CYTOMX THERAPEUTICS INC	SALEM MEDIA GROUP INC
CYTEK BIOSCIENCES INC	SALESFORCE INC
DMC GLOBAL INC	SALLY BEAUTY HOLDINGS INC
DFA INTL SMALL CAP VALUE PT	SALON MEDIA GROUP INC
DRI CORP	SAMSUNG ELECTRONICS CO LTD
DR HORTON INC	SANCHEZ ENERGY CORP

DHI GROUP INC	SANDRIDGE ENERGY INC
DSP GROUP INC	SANDY SPRING BANCORP INC
DTE ENERGY CO	JOHN B SANFILIPPO & SON INC
DLH HOLDINGS CORP	SANGAMO THERAPEUTICS INC
DXP ENTERPRISES INC/TX	SANOFI
DT MIDSTREAM INC	SANMINA CORP
DXC TECHNOLOGY CO	SARATOGA INVESTMENT CORP
DAILY JOURNAL CORP	SAREPTA THERAPEUTICS INC
DAKTRONICS INC	SATCON TECHNOLOGY CORP
DALLASNEWS CORP	SATSUMA PHARMACEUTICALS INC
DAN RIV INC GA CL A	SAUL CENTERS INC
DANA INC	SAVARA INC
DANAHER CORP	SAVIENT PHARMACEUTICALS INC
DAQO NEW ENERGY CORP	SCAN OPTICS
DARDEN RESTAURANTS INC	SCANSOURCE INC
DARLING INGREDIENTS INC	HENRY SCHEIN INC
DATA I/O CORP	SCHLUMBERGER LTD
DATADOG INC	SCHMITT INDUSTRIES INC
DATAMARINE INTERNATIONAL INC	SCHNITZER STEEL INDUSTRIES INC
DATATEC SYS INC COM	SCHNEIDER NATIONAL INC
DATATRAK INTERNATIONAL INC	SCHOLASTIC CORP
DAVE & BUSTER'S ENTERTAINMENT	CHARLES SCHWAB CORP/THE
DAVITA INC	MATIV HOLDINGS INC
DAXOR CORP	SCIENCE APPLICATIONS INTERNATI
DEARBORN BANCORP INC	LIGHT & WONDER INC
DECIPHERA PHARMACEUTICALS INC	SCIPLAY CORP
DECKERS OUTDOOR CORP	SCOTTS MIRACLE-GRO CO/THE
DECORATOR INDUSTRIES INC	SCPHARMACEUTICALS INC
DEERE & CO	EW SCRIPPS CO/THE
DEFINITIVE HEALTHCARE CORP	SEABOARD CORP
DELEK US HOLDINGS INC	SEACHANGE INTERNATIONAL INC
DELIA*S INC	SEACOAST BANKING CORP OF FLORI
DELL TECHNOLOGIES INC	SEAGEN INC
DELPHAX TECHNOLOGIES INC	SEALED AIR CORP
DELTA AIR LINES INC	SEASPINE HOLDINGS CORP
DELTA APPAREL INC	SECUREWORKS CORP
DELTAGEN INC	SECURITY NATIONAL FINANCIAL CO
DENBURY INC	CONTRA SEELOS THERAPEUTICS INC
DENBURY INC NEW	SEELOS THERAPEUTICS INC
DELTA FINL CORP	SELECT MEDICAL HOLDINGS CORP
DELUXE CORP	SELECTA BIOSCIENCES INC
DENNY'S CORP	SELECTIVE INSURANCE GROUP INC
DENTSPLY SIRONA INC	SEMLER SCIENTIFIC INC
DERMTECH INC	SEMTECH CORP
DESCARTES SYSTEMS GROUP INC/TH	SEMPRA ENERGY
ESCROW DESIGN WITHIN REACH	SENECA FOODS CORP
DESIGN THERAPEUTICS INC	SENSIENT TECHNOLOGIES CORP

DESIGNER BRANDS INC	SENTINELONE INC
DESTINATION MATERNITY CORP	SEQUENTIAL BRANDS GROUP INC
DESTINATION XL GROUP INC	SERVICE CORP INTERNATIONAL/US
DETWILER FENTON GROUP INC	SERVICE PROPERTIES TRUST
DEVON ENERGY CORP	SERVICENOW INC
DIAMOND OFFSHORE D	SERVISFIRST BANCSHARES INC
DEXCOM INC	SERVOTRONICS INC
DIADEXUS INC	SEVEN & I HOLDINGS CO LTD
DIAMEDICA THERAPEUTICS INC	SHAKE SHACK INC
DIAMOND HILL INVESTMENT GROUP	SHATTUCK LABS INC
DIAMOND OFFSHORE DRILLING INC	SHENANDOAH TELECOMMUNICATIONS
DIAMONDBACK ENERGY INC	SHERWIN-WILLIAMS CO/THE
DIAMONDROCK HOSPITALITY CO	SHERWOOD BRANDS INC
DICK'S SPORTING GOODS INC	SHIFT4 PAYMENTS INC
DIEBOLD NIXDORF INC	SHINHAN FINANCIAL GROUP CO LTD
DIGI INTERNATIONAL INC	SHOE CARNIVAL INC
DIGIMARC CORP	SHOCKWAVE MEDICAL INC
DIGITAL ALLY INC	SHO LODGE INC
DIGITAL REALTY TRUST INC	SHOPIFY INC
DIGITAL TURBINE INC	SHORE BANCSHARES INC
DIGITALBRIDGE GROUP INC	SHOTSPOTTER INC
DILLARD'S INC	SHUTTERSTOCK INC
DIME COMMUNITY BANCSHARES INC	SHYFT GROUP INC/THE
DINE BRANDS GLOBAL INC	SI-BONE INC
DIODES INC	SIEBERT FINANCIAL CORP
WALT DISNEY CO/THE	SIERRA BANCORP
DISH NETWORK CORP	SIENTRA INC
DISCOVER FINANCIAL SERVICES	SIERRA WIRELESS INC
DIVERSIFIED HEALTHCARE TRUST	SIFCO INDUSTRIES INC
DIXIE GROUP INC/THE	SIGHT RESOURCE CORP
DOCUSIGN INC	SIGMATRON INTERNATIONAL INC
DOLBY LABORATORIES INC	SIGNATURE BANK/NEW YORK NY
DOLLAR GENERAL CORP	SIGNIFY HEALTH INC
DOLLAR TREE INC	SIGA TECHNOLOGIES INC
DOMINION ENERGY INC	SILICON LABORATORIES INC
DOMINO'S PIZZA INC	SILGAN HOLDINGS INC
DOMO INC	SILVERBOW RESOURCES INC
DONALDSON CO INC	SILVERGATE CAPITAL CORP
DONEGAL GROUP INC	SIMMONS FIRST NATIONAL CORP
DONNELLEY FINANCIAL SOLUTIONS	SIMON PROPERTY GROUP INC
ESC DOVPHARMACEUTICAL INC	SIMPLY GOOD FOODS CO/THE
DOORDASH INC	SIMPSON MANUFACTURING CO INC
DORMAN PRODUCTS INC	SIMULATIONS PLUS INC
DOUBLEVERIFY HOLDINGS INC	SINCLAIR BROADCAST GROUP INC
DOUGHERTY'S PHARMACY INC	SINGULAR GENOMICS SYSTEMS INC
DOVA PHARMACEUTICALS INC	SIRIUS XM HOLDINGS INC

DOUGLAS EMMETT INC	SITE CENTERS CORP
DOUGLAS DYNAMICS INC	SITEONE LANDSCAPE SUPPLY INC
DOUGLAS ELLIMAN INC	SIX FLAGS ENTERTAINMENT CORP
DOVER CORP	SIXTH STREET SPECIALTY LENDING
DOW INC	SKECHERS USA INC
DOWNEY FINL CORP COM	SKYLINE CHAMPION CORP
DRAFTKINGS INC	SKYWEST INC
DRIL-QUIP INC	SKYWORKS SOLUTIONS INC
DRIVE SHACK INC	SLEEP NUMBER CORP
DROPBOX INC	A O SMITH CORP
DRIVEN BRANDS HOLDINGS INC	SMITH A O CORP CL A RESTRICTED
DUCOMMUN INC	SMILEDIRECTCLUB INC
DUKE ENERGY CORP	SMARTSHEET INC
DUKE REALTY CORP	SMITH MICRO SOFTWARE INC
DUN & BRADSTREET HOLDINGS INC	J M SMUCKER CO/THE
DUPONT DE NEMOURS INC	SNAP-ON INC
DOXIMITY INC	SNOWFLAKE INC
DURECT CORP	SOCIEDAD QUIMICA Y MINERA DE C
DYADIC INTERNATIONAL INC	SOFTECH INC
DYCOM INDUSTRIES INC	SOFI TECHNOLOGIES INC
DYNATRACE INC	SLR INVESTMENT CORP
DYNAVAX TECHNOLOGIES CORP	SOLARIS OILFIELD INFRASTRUCTUR
DYNEX CAPITAL INC	SOLITARIO ZINC CORP
DZS INC	SOLID BIOSCIENCES INC
EBT INTL INC	SONEX RESH INC
EMAK WORLDWIDE INC	SONIC AUTOMOTIVE INC
EOG RESOURCES INC	SONIC FOUNDRY INC
EQT CORP	SONOCO PRODUCTS CO
EPR PROPERTIES	SONOS INC
EAGLE BANCORP INC	SOTHERLY HOTELS INC
EVO PAYMENTS INC	SOTERA HEALTH CO
EVI INDUSTRIES INC	IVOW INC
EAGLE MATERIALS INC	SOUTH JERSEY INDUSTRIES INC
EAGLE PHARMACEUTICALS INC/DE	SOUTHERN BANC CO INC/THE
EARTHSHELL CORP	SOUTHERN CO/THE
EARTHSTONE ENERGY INC	SOUTHERN COPPER CORP
EAST WEST BANCORP INC	SOUTHERN FIRST BANCSHARES INC
EASTERLY GOVERNMENT PROPERTIES	SOUTHERN MISSOURI BANCORP INC
EASTERN BANKSHARES INC	ESC SOUTHFIRST BANCSHA INC
EASTERN CO/THE	SOUTHSIDE BANCSHARES INC
EASTGROUP PROPERTIES INC	SOUTHWEST AIRLINES CO
EASTMAN CHEMICAL CO	SOUTHWEST GAS HOLDINGS INC
EBAY INC	SOUTHWESTERN ENERGY CO
EBIX INC	SOVOS BRANDS INC
ECOLAB INC	SPANISH BROADCASTING SYSTEM IN
EDGEWELL PERSONAL CARE CO	SPARK NETWORKS SE

EDISON INTERNATIONAL	SPARTANNASH CO
EDITAS MEDICINE INC	SPECTRE GAMING INC
EDUCATION HOLDINGS 1 INC	SPECTRUM PHARMACEUTICALS INC
EDUCATIONAL DEVELOPMENT CORP	SPEED COMMERCE INC
EDWARDS LIFESCIENCES CORP	SPECTRUM BRANDS HOLDINGS INC
EGAIN CORP	SPERO THERAPEUTICS INC
EIGER BIOPHARMACEUTICALS INC	SPIRE CORP
89BIO INC	SPIRE INC
ELANCO ANIMAL HEALTH INC	SPIRIT AEROSYSTEMS HOLDINGS IN
ELECTRIC & GAS TECHNOLOGY INC	SPIRIT REALTY CAPITAL INC
ELECTROMED INC	SPOK HOLDINGS INC
ELECTRONIC ARTS INC	SPLUNK INC
ELEDON PHARMACEUTICALS INC	CVR F STAR
ELEMENT SOLUTIONS INC	CVR F STAR THERAPEUTIC
ELLINGTON RESIDENTIAL MORTGAGE	SPORT-HALEY HOLDINGS INC
EMAGIN CORP	SPROUTS FARMERS MARKET INC
EMBECTA CORP	SPROUT SOCIAL INC
EMCOR GROUP INC	BLOCK INC
EMCORE CORP	STAAR SURGICAL CO
EMERGE INTERACTIVE INC	STAG INDUSTRIAL INC
EMERGENT BIOSOLUTIONS INC	STAGWELL INC
EMERSON ELECTRIC CO	STANDARD MOTOR PRODUCTS INC
EMERALD HOLDING INC	STANDEX INTERNATIONAL CORP
EMERSON RADIO CORP	STANLEY BLACK & DECKER INC
ASPEN TECHNOLOGY INC	STAR STRUCK LTD
EMPIRE STATE REALTY TRUST INC	STARBIZ CORP
EMPLOYERS HOLDINGS INC	STARBUCKS CORP
ENANTA PHARMACEUTICALS INC	LS STARRETT CO/THE
ENCORE CAPITAL GROUP INC	STARTER CORP
ENCORE WIRE CORP	STARTEK INC
ENDEAVOUR INTERNATIONAL CORP	STARWOOD PROPERTY TRUST INC
ENCOMPASS HEALTH CORP	STATE STREET CORP
ENERGY CONVERSION DEVICES INC	STATERA BIOPHARMA INC
ENERGY FOCUS INC	STEEL CONNECT INC
ENERGY RECOVERY INC	STEEL DYNAMICS INC
ENERGIZER HOLDINGS INC	STEELCLOUD INC
ENERSYS	STEELCASE INC
ENERPAC TOOL GROUP CORP	STEIN MART INC
ENESCO GROUP INC	STEPAN CO
ENGLOBAL CORP	STEPHAN CO/THE
ENHABIT INC	STERICYCLE INC
ENNIS INC	STEREOTAXIS INC
ENPHASE ENERGY INC	STERLING INFRASTRUCTURE INC
ENPRO INDUSTRIES INC	STEWART INFORMATION SERVICES C
ENOVA INTERNATIONAL INC	STIFEL FINANCIAL CORP
ENSIGN GROUP INC/THE	STOCK YARDS BANCORP INC
ENTEGRIS INC	STOKE THERAPEUTICS INC

ENTERGY CORP	ARROWMARK FINANCIAL CORP
ENTERPRISE BANCORP INC/MA	STONERIDGE INC
ENTERPRISE FINANCIAL SERVICES	STONEX GROUP INC
ENTERPRISE INFORMATICS INC	STORE CAPITAL CORP
ENTRADE INC COM	STRASBAUGH INC
ENZON PHARMACEUTICALS INC	STRATA SKIN SCIENCES INC
ENVESTNET INC	STRATEGIC EDUCATION INC
ENVIRONMENTAL TECTONICS CORP	STRATTEC SECURITY CORP
ENZO BIOCHEM INC	STRATUS PROPERTIES INC
EPAM SYSTEMS INC	STREAMLINE HEALTH SOLUTIONS IN
ENVIVA INC	STRIDE INC
ENVISTA HOLDINGS CORP	STRYKER CORP
EPLUS INC	SUMMIT FINANCIAL GROUP INC
EPIRUS BIOPHARMACEUTICALS INC	SUMMIT HOTEL PROPERTIES INC
EQUIFAX INC	SUMMIT MATERIALS INC
EQUINIX INC	SUN COMMUNITIES INC
EQUINOR ASA	SUNNOVA ENERGY INTERNATIONAL I
EQUITABLE HOLDINGS INC	SUNRUN INC
EQUITY BANCSHARES INC	SUNSTONE HOTEL INVESTORS INC
EQUITRANS MIDSTREAM CORP	SUPER MICRO COMPUTER INC
EQUITY COMMONWEALTH	SUNTORY BEVERAGE & FOOD LTD
EQUITY LIFESTYLE PROPERTIES IN	SUPERIOR INDUSTRIES INTERNATIO
EQUITY RESIDENTIAL	SUPERIOR GROUP OF COS INC
ERIE INDEMNITY CO	SUPERNUS PHARMACEUTICALS INC
ESAB CORP	SURGERY PARTNERS INC
ESCALADE INC	SURGALIGN HOLDINGS INC
ESCALERA RESOURCES CO	SURMODICS INC
ESCO TECHNOLOGIES INC	SUTOR TECHNOLOGY GROUP LTD
ESPERION THERAPEUTICS INC	SUTRO BIOPHARMA INC
ESPEY MFG. & ELECTRONICS CORP	SUVANZA
ESSA BANCORP INC	SWITCH INC
ESSA PHARMA INC	ASCENT INDUSTRIES CO
ESSENTIAL PROPERTIES REALTY TR	SYNCHRONOSS TECHNOLOGIES INC
ESSENTIAL UTILITIES INC	SYNAPTICS INC
ESSEX PROPERTY TRUST INC	SYNOPSIS INC
ETHAN ALLEN INTERIORS INC	SYNOVUS FINANCIAL CORP
ETSY INC	TD SYNnex CORP
EUROBANCSHARES INC	SYNTHESIS ENERGY SYSTEMS INC
EURONET WORLDWIDE INC	SYNERGY PHARMACEUTICALS INC
EVELO BIOSCIENCES INC	SYNDAX PHARMACEUTICALS INC
EVERCEL INC	SYNVISTA THERAPEUTICS INC
EVERCORE INC	SYNTHETIC BIOLOGICS INC
EVERBRIDGE INC	SYNCHRONY FINANCIAL
EVERGREEN ENERGY INC	SYPRIS SOLUTIONS INC
EVERGREEN SOLAR INC	SYNEOS HEALTH INC
EVERI HOLDINGS INC	SYNAPTOGENIX INC
EVERGY INC	SYSCO CORP

EVERTEC INC	TESSCO TECHNOLOGIES INC
EVERSOURCE ENERGY	TFS FINANCIAL CORP
EVERQUOTE INC	THQ INC
EVOFEM BIOSCIENCES INC	TJX COS INC/THE
EVOLUTION PETROLEUM CORP	T-MOBILE US INC
SYMBOLIC LOGIC INC	TRI POINTE HOMES INC
EVOLENT HEALTH INC	TPI COMPOSITES INC
EVOQUA WATER TECHNOLOGIES CORP	TSR INC
EXACT SCIENCES CORP	TTM TECHNOLOGIES INC
EXELON CORP	TABULA RASA HEALTHCARE INC
EXELIXIS INC	TACTILE SYSTEMS TECHNOLOGY INC
EXELED HOLDINGS INC	TAITRON COMPONENTS INC
EXLSERVICE HOLDINGS INC	TAIWAN SEMICONDUCTOR MANUFACTU
EXPEDIA GROUP INC	TAKE-TWO INTERACTIVE SOFTWARE
EXP WORLD HOLDINGS INC	TANDEM DIABETES CARE INC
EXPEDITORS INTERNATIONAL OF WA	TANDY BRANDS ACCESSORIES INC
EXPONENT INC	TANDY LEATHER FACTORY INC
EXPRESS INC	TANGER FACTORY OUTLET CENTERS
EXTRA SPACE STORAGE INC	TAPESTRY INC
EXTREME NETWORKS INC	TARGET CORP
EXTERRAN CORP	TARGA RESOURCES CORP
EZCORP INC	TARRAGON CORP
EXXON MOBIL CORP	TAYLOR DEVICES INC
FFW CORP	TAYLOR MORRISON HOME CORP
FFD FINANCIAL CORP	TCR2 THERAPEUTICS INC
FMC CORP	TEAM FINANCIAL INC
FNB CORP/PA	TEAM INC
FB FINANCIAL CORP	TECHNICAL COMMUNICATIONS CORP
FS BANCORP INC	TECHNOLOGY SOLUTIONS CO
FAB INDS INC COM	TECHTARGET INC
FRP HOLDINGS INC	TEGNA INC
FTI CONSULTING INC	TEJON RANCH CO
META PLATFORMS INC	TELADOC HEALTH INC
FACTSET RESEARCH SYSTEMS INC	TELEFONICA BRASIL SA
F-STAR THERAPEUTICS INC	TELEDYNE TECHNOLOGIES INC
FAIR ISAAC CORP	TELEFLEX INC
FALCON PRODS INC	TELEPHONE AND DATA SYSTEMS INC
FALCONSTOR SOFTWARE INC	TELESAT CORP
FARFETCH LTD	TELIGENT INC
FARMER BROS CO	TEMECULA VALLEY BANCORP INC
FARO TECHNOLOGIES INC	TENAYA THERAPEUTICS INC
FASTNET CORP COM	TELEVIDEO INC/CA
FASTENAL CO	TEMPUR SEALY INTERNATIONAL INC
FEDERAL AGRICULTURAL MORTGAGE	TENABLE HOLDINGS INC
FEDERAL MOGUL CORP COM	10X GENOMICS INC

FEDERAL REALTY INVESTMENT TRUS	TENET HEALTHCARE CORP
FEDERAL SCREW WORKS	TENNANT CO
FEDERAL SIGNAL CORP	TENNECO INC
FEDERATED HERMES INC	TENNESSEE COMMERCE BANCORP INC
FEDEX CORP	TERADATA CORP
FEDNAT HOLDING CO	TERADYNE INC
F5 INC	TEREX CORP
FIDELITY NATIONAL INFORMATION	TERMINIX GLOBAL HOLDINGS INC
FIDELITY NATIONAL FINANCIAL IN	TERNIUM SA
FIELDPOINT PETROLEUM CORP	TETRAPHASE PHARMACEUTICALS INC
FIESTA RESTAURANT GROUP INC	TERRENO REALTY CORP
FIFTH THIRD BANCORP	TESLA INC
FINANCIAL INSTITUTIONS INC	TETRA TECHNOLOGIES INC
FINLAY ENTERPRISES INC COM NEW	TETRA TECH INC
FINOVA GROUP INC COM	TETON ENERGY CORP
FIRST ACCEPTANCE CORP	TETON ADVISORS INC
FIRST AMERICAN FINANCIAL CORP	TEXAS CAPITAL BANCSHARES INC
FIRST BANCORP INC/THE	TEXAS INSTRUMENTS INC
FIRST BANCORP/PUERTO RICO	TEXAS PACIFIC LAND CORP
FIRST BANCSHARES INC/MO	TEXAS ROADHOUSE INC
FIRST BANCORP/SOUTHERN PINES N	TEXTRON INC
FIRST BANCSHARES INC/THE	ODP CORP/THE
FIRST BUSEY CORP	THERAPEUTICSMD INC
FIRST BUSINESS FINANCIAL SERVI	TRADE DESK INC/THE
FIRST CITIZENS BANCSHARES INC/	THERMO FISHER SCIENTIFIC INC
FIRST COMMONWEALTH FINANCIAL C	THERMOGENESIS HOLDINGS INC
FIRST COMMUNITY BANKSHARES INC	THERMON GROUP HOLDINGS INC
FIRST COMMUNITY CORP/SC	THOMAS GROUP INC
FIRST HUMANICS G/O IL	THOR INDUSTRIES INC
FIRST FINANCIAL BANKSHARES INC	THOUGHTWORKS HOLDING INC
FIRST FINANCIAL CORP/IN	3M CO
FIRST FINANCIAL NORTHWEST INC	TIDEWATER INC
FIRST FOUNDATION INC	TIMBERLAND BANCORP INC/WA
FIRST HAWAIIAN INC	TIMKEN CO/THE
FIRST HORIZON CORP	TITAN INTERNATIONAL INC
FIRST INDUSTRIAL REALTY TRUST	TITAN MACHINERY INC
FIRST INTERSTATE BANCSYSTEM IN	TITAN PHARMACEUTICALS INC
FIRST INTERNET BANCORP	TL ADMIN CORP
FIRST OF LONG ISLAND CORP/THE	TIX CORP
FIRST MARINER BANCORP	TOAST INC
FIRST MERCHANTS CORP	TOFUTTI BRANDS INC
FIRST MID BANCSHARES INC	TOLL BROTHERS INC
FIRST PLACE FINANCIAL CORP/OH	TOMPKINS FINANCIAL CORP
FIRST REPUBLIC BANK/CA	TOOTSIE ROLL INDUSTRIES INC
FIRST SAVINGS FINANCIAL GROUP	TOPBUILD CORP
FIRST SOLAR INC	TOR MINERALS INTERNATIONAL INC



1ST SOURCE CORP	TORO CO/THE
FIRST STATE FINANCIAL CORP/FL	TORONTO-DOMINION BANK/THE
FIRST UNITED CORP	TOWER AUTOMOTIVE INC
FIRST US BANCSHARES INC	TRACK DATA CORP
FIRSTSERVICE CORP	TOWN SPORTS INTERNATIONAL HOLD
FIRSTCASH HOLDINGS INC	TOWNE BANK/PORTSMOUTH VA
FISCHER IMAGING CORP	TRACTOR SUPPLY CO
FISERV INC	TRADEWEB MARKETS INC
FLAGSTAR BANCORP INC	TRANSACT TECHNOLOGIES INC
FIRSTENERGY CORP	TRANS-INDUSTRIES INC
FIVE BELOW INC	TRANSCAT INC
FIVE9 INC	TRANSDIGM GROUP INC
ALERISLIFE INC	TRANSMEDICS GROUP INC
FLAMEMASTER CORP/THE	TRANSUNION
CONTRA FLEXION THERAPE	TRAVEL + LEISURE CO
FLEETCOR TECHNOLOGIES INC	TRAVELERS COS INC/THE
FLEETWOOD ENTERPRISES INC COM	TRAVELZOO
FLEXSTEEL INDUSTRIES INC	TRAVERE THERAPEUTICS INC
FLOOR & DECOR HOLDINGS INC	TREDEGAR CORP
FLOTEK INDUSTRIES INC	TREEHOUSE FOODS INC
FLUOR CORP	TREND MICRO INC/JAPAN
FLOWERS FOODS INC	TREX CO INC
FLOWSERVE CORP	TRI-VALLEY CORP
STANDARD BIOTOOLS INC	TRIAD GUARANTY INC
FLUSHING FINANCIAL CORP	TRICO BANCSHARES
FLYI INC	TRIMAS CORP
FOAMEX INTL INC COM NEW	TRIMBLE INC
FOCUS ENHANCEMENTS INC	TRINET GROUP INC
FOCUS FINANCIAL PARTNERS INC	TRINITY INDUSTRIES INC
FOGHORN THERAPEUTICS INC	TRINITY PLACE HOLDINGS INC
FONAR CORP	TRINSIC INC
FOOT LOCKER INC	TRIO-TECH INTERNATIONAL
FORD MOTOR CO	TRIPATH TECHNOLOGY INC COM
FORESTAR GROUP INC	TRIP.COM GROUP LTD
FORMA THERAPEUTICS HOLDINGS IN	TRIUMPH BANCORP INC
FORMFACTOR INC	TRIUMPH GROUP INC
FORRESTER RESEARCH INC	TRIPADVISOR INC
FORTINET INC	TROPICAL SPORTSWEAR INTL CORP
FORTIVE CORP	TRUEBLUE INC
FORTRESS TRANSPORTATION AND IN	TRUIST FINANCIAL CORP
FORTITUDE GOLD CORP	TRUSTCO BANK CORP NY
FORTUNE BRANDS HOME & SECURITY	TRUSTMARK CORP
FORUM ENERGY TECHNOLOGIES INC	TTEC HOLDINGS INC
FORWARD AIR CORP	TUCOWS INC
FOSSIL GROUP INC	TUESDAY MORNING CORP
L B FOSTER CO	TURNING POINT BRANDS INC
FOUNTAIN PWR BOAT INDS INC COM	TURTLE BEACH CORP

4-D NEUROIMAGING	TUTOR PERINI CORP
FOUR CORNERS PROPERTY TRUST IN	TWEETER HOME ENTERTAINMENT GRO
4D MOLECULAR THERAPEUTICS INC	TWILIO INC
4LICENSING CORP	2SEVENTY BIO INC
FOX CORP	TWIN DISC INC
FOX CORP	TWITTER INC
FOX FACTORY HOLDING CORP	TWO HARBORS INVESTMENT CORP
FRANKLIN BSP REALTY TRUST INC	2U INC
FRANKLIN COVEY CO	TYLER TECHNOLOGIES INC
FRANKLIN ELECTRIC CO INC	TYSON FOODS INC
FRANKLIN RESOURCES INC	UDR INC
FRANKLIN STREET PROPERTIES COR	UFP TECHNOLOGIES INC
FRANKLIN FTSE SOUTH KOREA	UGI CORP
FRANKLIN FTSE CHINA ETF	UFP INDUSTRIES INC
FRANKLIN FTSE BRAZIL ETF	UMB FINANCIAL CORP
FREEDOM HOLDING CORP/NV	US GOLD CORP
FREEPORT-MCMORAN INC	US PLASTIC LMBR CORP COM
FREIGHTCAR AMERICA INC	US ENERGY SYSTEMS INC
FREQUENCY ELECTRONICS INC	US GLOBAL INVESTORS INC
FREQUENCY THERAPEUTICS INC	US BANCORP
FRESHPET INC	UMH PROPERTIES INC
FRIEDMANS INC CL A	USANA HEALTH SCIENCES INC
FRONTIER INS GROUP INC NEW	US PHYSICAL THERAPY INC
FRONTIER COMMUNICATIONS PARENT	US SILICA HOLDINGS INC
FRONTLINE CAP GROUP COM	UBER TECHNOLOGIES INC
FUEL TECH INC	UBIQUITI INC
FULCRUM THERAPEUTICS INC	UIPATH INC
FULGENT GENETICS INC	ULTA BEAUTY INC
FULL HOUSE RESORTS INC	ULTRA CLEAN HOLDINGS INC
HB FULLER CO	ULTRALIFE CORP
FULTON FINANCIAL CORP	ULTRAGENYX PHARMACEUTICAL INC
FUQI INTERNATIONAL INC	UMPQUA HOLDINGS CORP
FUTUREFUEL CORP	UNDER ARMOUR INC
GAMCO INVESTORS INC	UNDER ARMOUR INC
GATX CORP	UNICO AMERICAN CORP
GB HLDGS INC	UNIFI INC
G1 THERAPEUTICS INC	UNIFIRST CORP/MA
GSE SYSTEMS INC	UNIGENE LABORATORIES INC
G-III APPAREL GROUP LTD	UNIMARK GROUP INC
GTT COMMUNICATIONS INC	UNION BANKSHARES INC/MORRISVIL
GMS INC	UNION PACIFIC CORP
GADSDEN PROPERTIES INC	UNISYS CORP
GXO LOGISTICS INC	UNIT CORP
GALECTIN THERAPEUTICS INC	UNITED AMERICAN HEALTHCARE COR
ARTHUR J GALLAGHER & CO	UNITED COMMUNITY BANKS INC/GA

GAMING AND LEISURE PROPERTIES	UNITED BANKSHARES INC/WV
GAMESTOP CORP	UNITED BANCORP INC/OH
GANNETT CO INC	UNITED AIRLINES HOLDINGS INC
GAP INC/THE	UNITED FIRE GROUP INC
GARTNER INC	UNITED-GUARDIAN INC
GEERLINGS & WADE INC	UNITED NATURAL FOODS INC
GENASYS INC	UNITED PARCEL SERVICE INC
GENERAC HOLDINGS INC	UNITED RENTALS INC
GENERAL DATACOMM INDUSTRIES IN	UNITED SECURITY BANCSHARES/FRE
GENERAL DYNAMICS CORP	US ENERGY CORP
GENERAL MILLS INC	UNITED STATES LIME & MINERALS
GENERAL MOTORS CO	US FOODS HOLDING CORP
GENESCO INC	US TECHNOLOGIES INC
GENTEX CORP	UNITED STATES STEEL CORP
GENUINE PARTS CO	UNITED THERAPEUTICS CORP
GENWORTH FINANCIAL INC	UNITEDHEALTH GROUP INC
GEOPETRO RESOURCES CO	UNITIL CORP
GEORGE FOREMAN ENTERPRISES INC	UNITY BANCORP INC
GEOGLOBAL RESOURCES INC	UNITY SOFTWARE INC
GENTHERM INC	UNIVAR SOLUTIONS INC
GEOSPACE TECHNOLOGIES CORP	UNIVERSAL CORP/VA
GERDAU SA	UNIVERSAL DISPLAY CORP
GERMAN AMERICAN BANCORP INC	UNIVERSAL ELECTRONICS INC
GERON CORP	UNIVERSAL INSURANCE HOLDINGS I
GETTY REALTY CORP	UNIVERSAL SECURITY INSTRUMENTS
GIANT GROUP LTD	UNIVERSAL STAINLESS & ALLOY PR
GIBRALTAR INDUSTRIES INC	UNIVERSAL LOGISTICS HOLDINGS I
GIGA-TRONICS INC	UNIVERSAL TRAVEL GROUP
GILEAD SCIENCES INC	UNIVERSAL HEALTH SERVICES INC
GILMAN & CIOCIA INC	UNIVERSAL TECHNICAL INSTITUTE
GINKGO BIOWORKS HOLDINGS INC	UNIVEST FINANCIAL CORP
GITLAB INC	UNUM GROUP
GLACIER BANCORP INC	UPLAND SOFTWARE INC
GLADSTONE COMMERCIAL CORP	UPSTART HOLDINGS INC
GLADSTONE LAND CORP	URANIUM ENERGY CORP
GLASSBRIDGE ENTERPRISES INC	URBAN EDGE PROPERTIES
GLATFELTER CORP	URBAN OUTFITTERS INC
GLAUKOS CORP	URBAN ONE INC
GLOBAL INDUSTRIAL CO	UROLOGIX INC
GLOBALSTAR INC	URSTADT BIDDLE PROPERTIES INC
GLOBAL NET LEASE INC	URSTADT BIDDLE PROPERTIES INC
GLOBAL PAYMENTS INC	UTAH MEDICAL PRODUCTS INC
GLOBAL MEDICAL REIT INC	VF CORP
GLOBUS MEDICAL INC	VBI VACCINES INC
GLOBE LIFE INC	UWM HOLDINGS CORP
GLYCOMIMETICS INC	VSE CORP

GODADDY INC	VOC ENERGY TRUST
GOLD RESERVE INC	VOXX INTERNATIONAL CORP
GOLD RESOURCE CORP	VAALCO ENERGY INC
GOLDEN ENTERTAINMENT INC	VAIL RESORTS INC
GOLDMAN SACHS GROUP INC/THE	VALENCE TECHNOLOGY INC
GOLDMAN SACHS BDC INC	VALE SA
GOODRX HOLDINGS INC	VALERO ENERGY CORP
GOODYEAR TIRE & RUBBER CO/THE	VALLEY NATIONAL BANCORP
GOPRO INC	VALMONT INDUSTRIES INC
GORMAN-RUPP CO/THE	VALUE LINE INC
GOSSAMER BIO INC	VALVOLINE INC
GOTTSCHALKS INC	VANDA PHARMACEUTICALS INC
GRACO INC	VAPOTHERM INC
GRAFTECH INTERNATIONAL LTD	VAREX IMAGING CORP
GRAHAM CORP	VARONIS SYSTEMS INC
GRAHAM HOLDINGS CO	VASO CORP
WW GRAINGER INC	VECTOR GROUP LTD
GRAN TIERRA ENERGY INC	VEECO INSTRUMENTS INC
GRAND CANYON EDUCATION INC	V2X INC
GRANITE BROADCASTING CORP	VAXART INC
GRANITE CONSTRUCTION INC	VAXCYTE INC
GRANITE POINT MORTGAGE TRUST I	VEEVA SYSTEMS INC
GRAPHIC PACKAGING HOLDING CO	VENTAS INC
GRAPHITE BIO INC	VERA BRADLEY INC
GRAY TELEVISION INC	VERASTEM INC
GRAY TELEVISION INC	VERACYTE INC
GREAT AMERICAN BANCORP INC	VERISIGN INC
GREAT ELM GROUP INC	VERIZON COMMUNICATIONS INC
GREAT LAKES DREDGE & DOCK CORP	VERINT SYSTEMS INC
GREAT SOUTHERN BANCORP INC	VERISK ANALYTICS INC
GREEN BRICK PARTNERS INC	VERITEX HOLDINGS INC
GREEN DOT CORP	VERITIV CORP
GREEN PLAINS INC	VERICEL CORP
GREENBRIER COS INC/THE	VERRA MOBILITY CORP
GREENHILL & CO INC	VERRICA PHARMACEUTICALS INC
GREENHUNTER RESOURCES INC	VERSO TECHNOLOGIES INC
GREENIDGE GENERATION HOLDINGS	VERTEX PHARMACEUTICALS INC
GREIF INC	VERU INC
GREIF INC	VERTIV HOLDINGS CO
GRIFFON CORP	VERTEX INC
GRITSTONE BIO INC	VIAD CORP
GROCERY OUTLET HOLDING CORP	VIASAT INC
GROUP 1 AUTOMOTIVE INC	VIA PHARMACEUTICALS INC
GROWGENERATION CORP	VIAVI SOLUTIONS INC
GTX INC	PARAMOUNT GLOBAL
GRUPO AEROPORTUARIO DEL SUREST	PARAMOUNT GLOBAL

GUARDANT HEALTH INC	VIATRIS INC
GUESS? INC	VICI PROPERTIES INC
GUIDED THERAPEUTICS INC	VICON INDUSTRIES INC
GUIDEWIRE SOFTWARE INC	VICOR CORP
GULF COAST ULTRA DEEP ROYALTY	VICTORIA'S SECRET & CO
GULF ISLAND FABRICATION INC	VICTORY CAPITAL HOLDINGS INC
GULFPORT ENERGY CORP	VIDEO DISPLAY CORP
GYRODYNE LLC	VIEWCAST.COM INC
HF SINCLAIR CORP	VIEWRAY INC
H&E EQUIPMENT SERVICES INC	VILLAGE SUPER MARKET INC
HCA HEALTHCARE INC	VIMEO INC
HDFC BANK LTD	VIPSHOP HOLDINGS LTD
HMG/COURTLAND PROPERTIES INC	VIRAGEN INC
HMN FINANCIAL INC	VIR BIOTECHNOLOGY INC
HNI CORP	VIRCO MFG. CORP
HQ SUSTAINABLE MARITIME INDUST	VIRIDIAN THERAPEUTICS INC
HP INC	VISTA GOLD CORP
HACKETT GROUP INC/THE	VIRNETX HOLDING CORP
HAEMONETICS CORP	VIRTU FINANCIAL INC
HAIR CELESTIAL GROUP INC/THE	VISA INC
HALLADOR ENERGY CO	VIRTUS INVESTMENT PARTNERS INC
HALLIBURTON CO	VISHAY INTERTECHNOLOGY INC
HALLMARK FINANCIAL SERVICES IN	VISHAY PRECISION GROUP INC
HALOZYME THERAPEUTICS INC	VISTA ENERGY SAB DE CV
HAMILTON BEACH BRANDS HOLDING	VISTEON CORP
HAMILTON LANE INC	VISTRA CORP
HAMPSHIRE GROUP LTD	VIZACOM INC COM NEW
HANCOCK WHITNEY CORP	VMWARE INC
HANESBRANDS INC	VODAFONE GROUP PLC
HANGER INC	VOIP INC COM NEW
HANMI FINANCIAL CORP	VONTIER CORP
HANOVER INSURANCE GROUP INC/TH	VORNADO REALTY TRUST
HARBOR DIVERSIFIED INC	VOYA FINANCIAL INC
HARBOURTON CAPITAL GROUP INC	VOYAGER THERAPEUTICS INC
HARLEY-DAVIDSON INC	VULCAN MATERIALS CO
HARLEYSVILLE FINANCIAL CORP	W&T OFFSHORE INC
HARMONIC INC	WD-40 CO
HARMONY BIOSCIENCES HOLDINGS I	WHX CORP
HAROLD'S STORES INC	WSFS FINANCIAL CORP
HARPOON THERAPEUTICS INC	WVS FINANCIAL CORP
HARROW HEALTH INC	WP CAREY INC
HARTE HANKS INC	WEC ENERGY GROUP INC
HARTFORD FINANCIAL SERVICES GR	WCF BANCORP INC
HARVARD BIOSCIENCE INC	WABASH NATIONAL CORP
HARVEST NATURAL RESOURCES INC	WESTINGHOUSE AIR BRAKE TECHNOL
HASBRO INC	WALMART INC
HAUPPAUGE DIGITAL INC	WALGREENS BOOTS ALLIANCE INC

HAUSER INC COM PAR \$0.01	WALKER & DUNLOP INC
HAVERTY FURNITURE COS INC	WALKING CO HOLDINGS INC/THE
HAVERTY FURNITURE COS INC	NEW WEI INC
HAWAIIAN ELECTRIC INDUSTRIES I	WARNER BROS DISCOVERY INC
HAWAIIAN HOLDINGS INC	WARRIOR MET COAL INC
HAWKINS INC	WASHINGTON REAL ESTATE INVESTM
HAWTHORN BANCSHARES INC	WASHINGTON TRUST BANCORP INC
HAYES LEMMERZ INTL INC	WASTE MANAGEMENT INC
HAYNES INTERNATIONAL INC	WATERS CORP
HAYWARD HOLDINGS INC	METAVESCO INC
HEALTHCARE SERVICES GROUP INC	WATERSTONE FINANCIAL INC
HEALTH-CHEM CORP	WATSCO INC
HEALTHWATCH INC COM PAR \$0.05	WATTS WATER TECHNOLOGIES INC
HEALTHSTREAM INC	WAVE SYSTEMS CORP
HEALTHEQUITY INC	WAXMAN INDUSTRIES INC
HEALTHCARE REALTY TRUST INC	WAYFAIR INC
HEALTHWAREHOUSE.COM INC	WAYSIDE TECHNOLOGY GROUP INC
HEARTLAND FINANCIAL USA INC	WEBSTER FINANCIAL CORP
HEARTLAND EXPRESS INC	WEGENER CORP
HEALTHPEAK PROPERTIES INC	WEIBO CORP
HECLA MINING CO	WEIS MARKETS INC
HEICO CORP	WELLS FARGO & CO
HEICO CORP	WELLTOWER INC
HEIDRICK & STRUGGLES INTERNATI	WENDY'S CO/THE
HELIOS TECHNOLOGIES INC	WERNER ENTERPRISES INC
HELIUS MEDICAL TECHNOLOGIES IN	WESBANCO INC
HELIX ENERGY SOLUTIONS GROUP I	WESCO INTERNATIONAL INC
HELM CAP GROUP INC COM	WEST BANCORP INC
HELMERICH & PAYNE INC	WEST PHARMACEUTICAL SERVICES I
HENKEL AG & CO KGAA	WESTAMERICA BANCORP
HENNESSY ADVISORS INC	WESTELL TECHNOLOGIES INC
JACK HENRY & ASSOCIATES INC	WESTERN ALLIANCE BANCORP
HERC HOLDINGS INC	WESTERN ASSET MORTGAGE CAPITAL
HERCULES CAPITAL INC	WESTERN DIGITAL CORP
HERE MEDIA INC	WESTERN NEW ENGLAND BANCORP IN
HERE MEDIA INC	WESTERN UNION CO/THE
HERITAGE FINANCIAL CORP/WA	WESTERN WTR CO
HERITAGE-CRYSTAL CLEAN INC	WESTLAKE CORP
HERITAGE SOUTHEAST BANCORP INC	WESTMORELAND COAL CO
HERON THERAPEUTICS INC	WESTROCK CO
HERSHA HOSPITALITY TRUST	WESTWOOD HOLDINGS GROUP INC
HERSHEY CO/THE	WET SEAL INC/THE
HESKA CORP	WEX INC
HERTZ GLOBAL HOLDINGS INC	WEWORK INC
HESS CORP	WEYCO GROUP INC

HEWLETT PACKARD ENTERPRISE CO	WEYERHAEUSER CO
HEXCEL CORP	WHIRLPOOL CORP
HHGREGG INC	WHITESTONE REIT
HG HOLDINGS INC	WILHELMINA INTERNATIONAL INC
HIBBETT INC	WILLAMETTE VALLEY VINEYARDS IN
HIGHPEAK ENERGY INC	WILLDAN GROUP INC
HIGHWOODS PROPERTIES INC	WILLIAMS COS INC/THE
HILL INTERNATIONAL INC	WILLIAMS INDUSTRIAL SERVICES G
HILLENBRAND INC	WILLIAMS-SONOMA INC
HILLMAN SOLUTIONS CORP	WILLIS LEASE FINANCE CORP
HILLTOP HOLDINGS INC	WILLSCOT MOBILE MINI HOLDINGS
HILTON GRAND VACATIONS INC	WINDTREE THERAPEUTICS INC
HILTON WORLDWIDE HOLDINGS INC	WINFIELD CAPITAL CORP
HINES HORTICULTURE INC COM	WINGSTOP INC
HINGHAM INSTITUTION FOR SAVING	WINLAND HOLDINGS CORP
HOLOGRAPHIC STORAGE LTD	WINMARK CORP
HOLOGIC INC	WINMILL & CO INC
HOME BANCORP INC	WINNEBAGO INDUSTRIES INC
HOME BANCSHARES INC/AR	WINTRUST FINANCIAL CORP
HOME DEPOT INC/THE	WIPRO LTD
HOME LOAN FINANCIAL CORP	WIRELESS XCESSORIES GROUP INC
HOMEBANC CORP GA	WIRELESS TELECOM GROUP INC
HOMESEEKERS COM INC COM	WISDOMTREE INVESTMENTS INC
HOMESTREET INC	WOLFSPEED INC
HOMETRUST BANCSHARES INC	WONDER AUTO TECHNOLOGY
HOMOLOGY MEDICINES INC	WOLVERINE WORLD WIDE INC
HONEYWELL INTERNATIONAL INC	WOODWARD INC
HOOKER FURNISHINGS CORP	WORKDAY INC
HOOPER HOLMES INC	WORKHORSE GROUP INC
HOPE BANCORP INC	WORKIVA INC
HOPTO INC	WORLD ACCEPTANCE CORP
HORIZON BANCORP INC/IN	WORLD FUEL SERVICES CORP
HORIZONS HOLDINGS INTERNATIONAL	WORLD WRESTLING ENTERTAINMENT
HORIZON GROUP PROPERTIES INC	WORTHINGTON INDUSTRIES INC
HORMEL FOODS CORP	WRIGHT INVESTORS' SERVICE HOLD
HORIZON GLOBAL CORP	WW INTERNATIONAL INC
HOST HOTELS & RESORTS INC	WYNDHAM HOTELS & RESORTS INC
HOSTESS BRANDS INC	WYNN RESORTS LTD
HOULIHAN LOKEY INC	XPEL INC
HOUSTON AMERICAN ENERGY CORP	XPO LOGISTICS INC
HOVNANIAN ENTERPRISES INC	XCEL ENERGY INC
HOWARD HUGHES CORP/THE	ADEIA INC
HOWMET AEROSPACE INC	XBIOTECH INC
HUBBELL INC	XENCOR INC
HUBSPOT INC	XENIA HOTELS & RESORTS INC
HUDSON GLOBAL INC	XOMA CORP
HUDSON PACIFIC PROPERTIES INC	XYLEM INC/NY

HUDSON TECHNOLOGIES INC	XENON PHARMACEUTICALS INC
HUFFY CORP COM	X4 PHARMACEUTICALS INC
HUMANA INC	XOMETRY INC
JB HUNT TRANSPORT SERVICES INC	YELP INC
HUNTINGTON BANCSHARES INC/OH	YETI HOLDINGS INC
HUNTINGTON INGALLS INDUSTRIES	YORK WATER CO/THE
HUNTSMAN CORP	YUM! BRANDS INC
HURCO COS INC	YUMA ENERGY INC
HURON CONSULTING GROUP INC	YUNHONG CTI LTD
HYATT HOTELS CORP	ZOGENIX INC CONTRA
IAC INC	ZAZA ENERGY CORP
IDT CORP	ZEBRA TECHNOLOGIES CORP
HYPERDYNAMICS CORP	ZEDGE INC
HYPERFEED TECHNOLOGIES INC	ZENDESK INC
HYSTER-YALE MATERIALS HANDLING	ZILLOW GROUP INC
ICF INTERNATIONAL INC	ZILLOW GROUP INC
IAA INC	ZIMMER BIOMET HOLDINGS INC
ICU MEDICAL INC	ZION OIL & GAS INC
ICAD INC	ZIONS BANCORP NA
IES HOLDINGS INC	ALAUNOS THERAPEUTICS INC
CRESCENT ENERGY CO	ZOOM TECHNOLOGIES INC
IGM BIOSCIENCES INC	ZOGENIX INC
IPG PHOTONICS CORP	ZOETIS INC
IRHYTHM TECHNOLOGIES INC	ZOVIO INC
ISTAR INC	ZIPRECRUITER INC
ITA HLDGS INC COM	ZOOMINFO TECHNOLOGIES INC
ITT INC	ZSCALER INC
IBIO INC	ZOOM VIDEO COMMUNICATIONS INC
ICICI BANK LTD	ZUMIEZ INC
IDACORP INC	ZVELO INC
IDEAYA BIOSCIENCES INC	ZURN ELKAY WATER SOLUTIONS COR
IDEX CORP	ZYMEWORKS INC
IDEXX LABORATORIES INC	ZYNEX INC
IDERA PHARMACEUTICALS INC	ZYNERBA PHARMACEUTICALS INC
IDENTIPHI INC	EARNEST PARTNERS CHINA FUND
IDNA INC	GRANITE BROAD LLC RBR
IDENTIV INC	INTERPACE BIOSCIENCES INC
IHEARTMEDIA INC	NAVIDEA BIOPHARMACEUTICALS INC
ILLINOIS TOOL WORKS INC	
ILLUMINA INC	
IMAX CORP	



# Exhibit C

## Diversity Profile EEOC Table:

Chicago Teachers' Pension Fund  
DIVERSITY PROFILE -- External Managers  
Name of Vendor - Business Unit  
Historical Data

Year	Disability	MALE				FEMALE				Overall Totals	Total Minority	Total Female
		Hispanic or Latino (includes Puerto Rican, Cuban, Mexican, Central American, or South American)	Black or African American (includes African American)	White (includes White non-Hispanic)	Asian or Pacific Islander (includes Asian, Pacific Islander, or Native Hawaiian)	Hispanic or Latino (includes Puerto Rican, Cuban, Mexican, Central American, or South American)	Black or African American (includes African American)	White (includes White non-Hispanic)	Asian or Pacific Islander (includes Asian, Pacific Islander, or Native Hawaiian)			
12/31/2018	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	0
Percentage of Total	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
12/31/2019	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	0
Percentage of Total	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
12/31/2020	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	0
Percentage of Total	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
12/31/2021	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	0
Percentage of Total	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Veterans

Have you hired veterans during the following year? Please complete the chart below. (These are inclusive of all persons).

	Veterans - 2018	Veterans - 2019	Veterans - 2020	Veterans - 2021
Male				
Female				

Please do not change the table format. Delete these instructions before printing the above table.

Notes: Table format and categories for race/ethnicity derived from the US Department of Labor Equal Employment Opportunity Employer Information Report (EEO-1). Definitions may be found in Illinois Public Act 93-0670. Any discrepancies should be clarified as defined in IL PAS 2-0670.

Instructions:

Report Full-time employees only and report employees in only one category. For example, a female who is disabled and an Asian may NOT be reported in both categories. Percentage lines, as well as, Columns - Overall Total, Total Minority and Total Female should automatically populate.

Complete the following diversity profile table:

- Replace your firm name in line 4 of this tab - "Name of Asset Management Firm".
- Complete this tab for the 3 "as of" dates in the left-most column indicated above.
- Complete the firm (or US workforce) information in the firm tab, as well as the "Firm Year Over Year" tabs.
- Complete the Business Unit and Business Unit Year Over Year tabs only if different from the firm and firm year over year tabs.
- Complete the "Overall Totals" tab for your firm for the calendar year indicated above. Below the table, please include PROMOTIONS or other movement within the organization that effects the above grid.
- Complete the Veterans line boxes for the years indicated. These numbers are exclusive of the above diversity profile and include all full-time employees in your firm.

They may or may not include individuals in the above table.