

**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-subsidiary, 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.

|  |  |  |
| --- | --- | --- |
| **Client Type** | **Number** | **Percentage** |
| Public Pension Funds |  |  |
| Corporate Pension Funds |  |  |
| Endowments |  |  |
| Taft-Hartley Funds |  |  |
| Other (Specify) |  |  |
| **TOTAL** |  | 100% |

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.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Office****Location** | **Title** | **Responsibilities** | **Yr. Started in Industry** | **Yr. Started with Firm** | **Education\*Degree/****College** | **Percentage of Firm****Ownership** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

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.

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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 potentialresponders must be received by: | Monday, November 21, 2022 |
| Written responses to questions posted by: | Wednesday, November 30, 2022 |
| Proposals due: | Thursday, December 29, 2022by 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. Please also copy Mr. John Freihammer at FreihammerJ@ctpf.org and 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~~, Thursday, 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

 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
* Rhumbline 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 |
| BEYONDSPRING 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 |
| AUDIOCODES 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 |
| UNIQURE 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 | LESAKA 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 |
| CELLDEX 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 | SHOLODGE 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 BANCSHAINC |
| 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 | SYNOPSYS 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 |
| HAIN 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 INTERNATIONA | 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:**

