

MASSMUTUAL CORPORATE INVESTORS

Form N-30D

May 27, 2003

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MassMutual

CORPORATE
INVESTORS

REPORT for the THREE
MONTHS ENDED 3/31/03

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| MASSMUTUAL CORPORATE INVESTORS | ADVISER |
| c/o David L. Babson & Company Inc. 1500 Main Street, Suite 1100 Springfield, Massachusetts 01115 (413) 226-1516 www.massmutual.com/mci | David L. Babson & Company Inc., a member of the MassMutual Financial Group |
| | AUDITOR |
| | Deloitte & Touche, LLP New York, New York 10281 |
| | CUSTODIAN |
| | Citibank, N.A. New York, New York 10043 |
| | TRANSFER AGENT & REGISTRAR |
| | Shareholder Financial Services, Inc. P.O. Box 173673 Denver, Colorado 80217-3673 1-800-647-7374 |

Internet website: www.massmutual.com/mci

INVESTMENT OBJECTIVE AND POLICY

MassMutual Corporate Investors (the "Trust"), a non-diversified closed-end investment company, was offered to the public in September 1971 and its shares are listed on the New York Stock Exchange. The share price of Corporate Investors can be found in the financial section of most newspapers as "MassCp"

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or "MassMuInv" under the New York Stock Exchange listings. The Trust's New York Stock Exchange trading symbol is "MCI".

The Trust's investment objective is to maintain a portfolio of securities providing a fixed yield and at the same time offering an opportunity for capital gains. The Trust's principal investments are privately placed, below-investment grade, long-term corporate debt obligations with equity features such as warrants, conversion rights, or other equity features and, occasionally, preferred stocks. The Trust typically purchases these investments, which are not publicly tradable, directly from their issuers, which tend to be smaller companies. In addition, the Trust may temporarily invest, subject to certain limitations, in marketable investment grade debt securities, other marketable debt securities (including high yield securities) and marketable common stocks.

David L. Babson & Company Inc. manages the Trust on a total return basis. The Trust distributes substantially all of its net income to shareholders each year. Accordingly, the Trust pays dividends to shareholders quarterly in January, May, August, and November. The Trust pays dividends to its shareholders in cash, unless the shareholder elects to participate in the Dividend Reinvestment and Share Purchase Plan.

TO OUR SHAREHOLDERS

April 30, 2003

We are pleased to present the March 31, 2003 Quarterly Report of MassMutual Corporate Investors (the "Trust"). At the Trust's Annual Shareholders Meeting, which was held on April 11, 2003, Mr. Robert E. Joyal, the Trust's President for the past four years, announced his retirement as President of the Trust. The shareholders present at the meeting elected Mr. Joyal as a new Trustee for a one-year term and re-elected Stuart H. Reese and Martin T. Hart as Trustees, each for three-year terms. The shareholders also ratified the selection of Deloitte & Touche LLP as the Trust's auditors for the year ending December 31, 2003 and approved the Investment Services Contract between the Trust and David L. Babson & Company Inc. ("Babson"). The detailed results of the shareholder voting can be found at footnote number six of the Trust's financial statements.

The Board of Trustees elected me, Roger W. Crandall, to succeed Mr. Joyal as President of the Trust at their April 11, 2003 meeting. I am currently the head of the Corporate Securities Group at Babson where I oversee all corporate credit related investments, including public and private bonds, bank loans, mezzanine and private equity investments, as well as structured credit products. Prior to moving over to Babson in 2000, I spent a dozen years in the investment management area at Massachusetts Mutual Life Insurance Company, Babson's parent company. I look forward to serving as President of the Trust.

The Board of Trustees declared a quarterly dividend of 36 cents per share, payable on May 15, 2003 to shareholders of record on May 2, 2003. A dividend of 36 cents per share was paid in the previous quarter.

Among the many economic issues facing the Trust's investment markets, the U.S. led war with Iraq continues to loom over the U.S. economy, injecting continued uncertainty into the economic environment. During the quarter, the Dow Jones Industrial Average Index decreased 3.63%, the S&P 500 Index decreased 3.16%, and the Russell 2000 Stock Index decreased 4.49%. Conversely, the fixed income markets, especially the high yield markets, posted positive increases for the quarter ended March 31, 2003. The Merrill Lynch High Yield Master II Index increased 7.14% and the Lehman Government/Credit Index increased 1.65% for the quarter.

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The Trust earned 34 cents per share of net investment income for the quarter ended March 31, 2003, compared to 31 cents per share in the previous quarter. During the quarter, net assets of the Trust increased to \$180,197,951 or \$20.39 per share compared to \$171,028,431 or \$19.40 per share on December 31, 2002. This translated into a 5.10% portfolio return for the quarter, based on the change in net assets (assuming reinvestment of all dividends and distributions). Long term, the Trust's portfolio returned 7.64%, 13.94%, and 14.37% for the 5-, 10- and 25-year time periods ended March 31, 2003, respectively, again based on change in net assets with reinvestment of all dividends and distributions.

During the quarter, the Trust made two new private placement investments and three follow-on investments, totaling approximately \$3.7 million. The two new issuers the Trust invested in were Neff Motivation, Inc. and Weasler Holdings, LLC. The follow-on investments purchased by the Trust were in securities of Evans Consoles, Inc., Olympic Sales, Inc. and Shelter Acquisition, Inc. The weighted average coupon of these investments was 12.7%. (A brief description of these investments can be found in the Schedule of Investments.)

Thank you for your continued interest in and support of MassMutual Corporate Investors.

Sincerely,

/s/ Roger W. Crandall
 Roger W. Crandall
 President

 1

CONSOLIDATED STATEMENTS OF
 ASSETS AND LIABILITIES

MASSMUTUAL CORPORATE INVESTORS

March 31, 2003 and 2002
 (Unaudited)

| | 2003 | 2002 |
|--|---------------|---------------|
| | ----- | ----- |
| ASSETS: | | |
| Investments | | |
| (See Consolidated Schedule of Investments) | | |
| Corporate restricted securities at fair value | | |
| (Cost 2003 - \$194,331,996; 2002 - \$199,675,615) | \$164,434,542 | \$166,387,779 |
| Corporate public securities at market value | | |
| (Cost 2003 - \$22,119,491; 2002 - \$20,681,699) | 17,330,441 | 17,083,912 |
| Short-term securities at cost plus earned discount | | |
| which approximates market value | 13,952,877 | 1,289,857 |
| | ----- | ----- |
| | 195,717,860 | 184,761,548 |
| | | |
| Cash | 159,175 | 555,837 |
| Interest and dividends receivable, net | 4,459,034 | 5,098,272 |
| Receivable for investments sold | 1,206,474 | 13,097,234 |
| Other assets | -- | 19,492 |
| | ----- | ----- |
| TOTAL ASSETS | \$201,542,543 | \$203,532,383 |
| | ===== | ===== |

LIABILITIES:

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| | | |
|---|--------------|--------------|
| (2003 - \$0.34 PER SHARE; 2002 - \$0.41 PER SHARE) | 2,995,578 | 3,587,006 |
| | ----- | ----- |
| NET REALIZED AND UNREALIZED GAIN (LOSS) ON INVESTMENTS: | | |
| Net realized gain on investments | 2,243,874 | 4,253,579 |
| Net change in unrealized depreciation of investments | 3,537,494 | (1,613,526) |
| | ----- | ----- |
| NET GAIN ON INVESTMENTS | 5,781,368 | 2,640,053 |
| | ----- | ----- |
| NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS | \$ 8,776,946 | \$ 6,227,059 |
| | ===== | ===== |

See Notes to Consolidated Financial Statements.

3

CONSOLIDATED STATEMENTS OF CASH FLOWS MASSMUTUAL CORPORATE INVESTORS
For the three months ended March 31, 2003 and 2002
(Unaudited)

| | 2003 | 2002 |
|---|--------------|--------------|
| | ----- | ----- |
| NET DECREASE IN CASH: | | |
| Cash flows from operating activities: | | |
| Interest and dividends received | \$ 2,798,542 | \$ 3,534,200 |
| Interest expense paid | (378,746) | (378,336) |
| Operating expenses paid | (805,366) | (511,200) |
| | ----- | ----- |
| NET CASH PROVIDED BY OPERATING ACTIVITIES | 1,614,430 | 2,644,664 |
| | ----- | ----- |
| Cash flows from investing activities: | | |
| Purchases/Proceeds/Maturities from short-term portfolio securities, net | (3,096,274) | 9,301,796 |
| Purchase of portfolio securities | (17,374,362) | (23,045,763) |
| Proceeds from disposition of portfolio securities | 20,745,320 | 12,955,617 |
| | ----- | ----- |
| NET CASH PROVIDED BY (USED FOR) INVESTING ACTIVITIES | 274,684 | (788,350) |
| | ----- | ----- |
| NET CASH PROVIDED BY OPERATING AND INVESTING ACTIVITIES | 1,889,114 | 1,856,314 |
| | ----- | ----- |
| Cash flows from financing activities: | | |
| Increase in receipts for shares issued on reinvestment of dividends | 392,574 | 520,477 |
| Cash dividends paid from net investment income | (3,173,891) | (4,100,864) |
| | ----- | ----- |
| NET CASH USED FOR FINANCING ACTIVITIES | (2,781,317) | (3,580,387) |
| | ----- | ----- |
| NET DECREASE IN CASH | (892,203) | (1,724,073) |
| Cash - beginning of year | 1,051,378 | 2,279,910 |

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| | | |
|--|--------------|--------------|
| CASH - END OF PERIOD | \$ 159,175 | \$ 555,837 |
| | ===== | ===== |
| RECONCILIATION OF NET INCREASE IN NET ASSETS TO NET CASH FROM OPERATING AND INVESTING ACTIVITIES: | | |
| NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS | \$ 8,776,946 | \$ 6,227,059 |
| | ----- | ----- |
| (Increase) decrease in investments | (6,206,106) | 8,699,065 |
| Increase in interest and dividends receivable, net | (1,140,651) | (900,790) |
| Decrease (increase) in receivable for investments sold | 49,095 | (12,863,920) |
| Increase in other assets | -- | (19,492) |
| Increase in payable for investments purchased | 346,978 | 380,545 |
| Increase in management fee payable | 34,515 | 26,123 |
| Increase in accounts payable | -- | 334,246 |
| Increase (decrease) in accrued expenses | 28,337 | (26,522) |
| | ----- | ----- |
| TOTAL ADJUSTMENTS TO NET ASSETS FROM OPERATIONS | (6,887,832) | (4,370,745) |
| | ----- | ----- |
| NET CASH PROVIDED BY OPERATING AND INVESTING ACTIVITIES | \$ 1,889,114 | \$ 1,856,314 |
| | ===== | ===== |

See Notes to Consolidated Financial Statements.

4

CONSOLIDATED STATEMENTS OF
CHANGES IN NET ASSETS
For the three months ended March 31, 2003 and 2002
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| | 2003 | 2002 |
|--|--------------|--------------|
| | ----- | ----- |
| INCREASE IN NET ASSETS: | | |
| OPERATIONS: | | |
| Net investment income | \$ 2,995,578 | \$ 3,587,006 |
| Net realized gain on investments | 2,243,874 | 4,253,579 |
| Net change in unrealized depreciation of investments | 3,537,494 | (1,613,526) |
| | ----- | ----- |
| Net increase in net assets resulting from operations | 8,776,946 | 6,227,059 |
| Net increase in shares of beneficial interest transactions | 392,574 | 520,477 |
| | ----- | ----- |
| TOTAL INCREASE IN NET ASSETS | 9,169,520 | 6,747,536 |
| | ----- | ----- |
| NET ASSETS, BEGINNING OF YEAR | 171,028,431 | 175,112,547 |
| | ----- | ----- |
| NET ASSETS, END OF PERIOD (INCLUDING UNDISTRIBUTED NET INVESTMENT INCOME IN 2003 - \$4,821,133; | | |

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2002 - \$3,821,214)

\$180,197,951
=====

\$181,860,083
=====

See Notes to Consolidated Financial Statements.

5

CONSOLIDATED SELECTED PER SHARE DATA

MASSMUTUAL CORPORATE INVESTORS

Selected data for each share of beneficial interest outstanding for the periods ended:

| | For the three months ended 3/31/2003 (Unaudited) ----- | For the year ended 12/31/2002 ----- |
|--|--|--|
| Net asset value: | | |
| Beginning of year | \$ 19.40 ----- | \$ 20.07 ----- |
| Net investment income | 0.34 | 1.53 |
| Net realized and unrealized gain (loss) on investments | 0.65 ----- | (0.59) ----- |
| Total from investment operations | 0.99 ----- | 0.94 ----- |
| Dividends from net investment income to common shareholders | -- | (1.44) |
| Distributions from net realized gain on investments to common shareholders | -- | (0.18) |
| Change from issuance of shares | -- ----- | 0.01 ----- |
| Total distributions | -- ----- | (1.61) ----- |
| Net asset value: | | |
| End of period | \$ 20.39 ===== | \$ 19.40 ===== |
| Per share market value: | | |
| End of period | \$ 19.67 ===== | \$ 19.49 ===== |
| Total investment return: | | |
| Market value | 0.92%* | 1.35% |
| Net asset value | 5.10%* | 4.80% |
| Net assets (in millions): | | |
| End of period | \$ 180.20 | \$ 171.03 |
| Ratio of operating expenses to average net assets | 0.50%* | 1.82% |
| Ratio of interest expenses to average net assets | 0.21%* | 0.86% |
| Ratio of total expenses to average net assets | 0.71%* | 2.68% |
| Ratio of net investment income to average net assets | 1.71%* | 7.65% |
| Portfolio turnover | 9.78%* | 34.02% |

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*Percentages represent results for the period and are not annualized.

See Notes to Consolidated Financial Statements.

6

CONSOLIDATED SCHEDULE OF INVESTMENTS
March 31, 2003
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| | Shares, Units Warrants, Ownership or Principal Amount | Acquisition Date |
|--|---|---------------------|
| | | |
| CORPORATE RESTRICTED SECURITIES - 91.25%:(A) | | |
| PRIVATE PLACEMENT INVESTMENTS - 87.96% | | |
| ADORN, INC. | | |
| A manufacturer of wall panels, cabinets, moldings and countertops for houses and recreational vehicles. | | |
| 12.5% Subordinated Note due 2010 | \$ 2,125,000 | 2/29/00 |
| Warrant, exercisable until 2010, to purchase common stock at \$.02 per share (B) | 364 shs. | 2/29/00 |
| ADVENTURE ENTERTAINMENT CORPORATION | | |
| An owner and operator of themed family entertainment centers. | | |
| 19% Senior Subordinated Note due 2004 (B) | \$ 207,048 | 12/9/99 |
| ALPHA SHIRT COMPANY | | |
| A domestic distributor of imprintable apparel and other related items. | | |
| 12% Senior Subordinated Note due 2007 | \$ 3,181,500 | 4/30/99 |
| Common Stock (B) | 1,060 shs. | 4/30/99 |
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 576 shs. | 4/30/99 |
| AMERICA'S BODY CO., INC. | | |
| A designer and manufacturer of commercial work vehicles. | | |
| 12% Senior Subordinated Note Due 2007 | \$ 3,500,000 | 11/2/98 |
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 58 shs. | 11/2/98 |
| AMES TRUE TEMPER GROUP | | |
| A leading manufacturer and distributor of non-powered lawn and garden tools and accessories in North America. | | |
| 13% Senior Subordinated Note due 2010 | \$ 1,888,889 | 1/14/02 |
| 10% Preferred Stock | 161 shs. | * |
| Class A Common Stock (B) | 2,105 shs. | 2/28/02 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 5,018 shs. | 1/14/02 |

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BEACON MEDICAL PRODUCTS, INC.

A designer, manufacturer and marketer of medical air and gas distribution systems.

| | | |
|--|--------------|--------|
| Senior Secured Floating Rate Revolving Credit Facility due 2007 | \$ 62,847 | 4/9/02 |
| Senior Secured Tranche A Floating Rate Note due 2008 | \$ 1,133,307 | 4/9/02 |
| 12% Senior Secured Note due 2010 | \$ 721,196 | 4/9/02 |
| Limited Partnership Interest of Riverside Capital Appreciation Fund IV, L.P. (B) | 2.29% int. | 4/9/02 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 1,390 shs. | 4/9/02 |

*2/28/02 and 11/15/02.

7

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.) MASSMUTUAL CORPORATE INVESTORS
 March 31, 2003
 (Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (Continued) | Shares, Units Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| BETA BRANDS, INC. - T.S.E. | | |
| A manufacturer of hard candy and chocolate-coated products sold primarily to the Canadian market. | | |
| Senior Secured Tranche A Floating Rate Note due 2004 (B) | \$ 2,127,412 | 12/23/97 |
| 17.75% Senior Secured Tranche B Note due 2005 (B) | \$ 802,824 | 12/23/97 |
| Preference Shares (B) | 360,018 shs. | 2/14/02 |
| Limited Partnership Interest of CM Equity Partners (B) | 6.27% int. | 12/22/97 |
| Warrant, exercisable until 2005, to purchase common stock at \$.81 per share (B) | 214,419 shs. | 12/23/97 |
| BETTER MINERALS & AGGREGATES | | |
| A producer of high grade industrial and specialty silica sands. | | |
| 14% Redeemable Preferred Stock | 997 shs. | 9/30/99 |
| Convertible Preferred Stock Series A and B, convertible into common stock at \$9.26 per share (B) | 126,003 shs. | 12/19/96 |
| Common Stock (B) 20,027 shs. 9/30/99 799,068 - | | |
| Warrants, exercisable until 2005 and 2010, to purchase common stock at \$.01 per share (B) | 11,399 shs. | * |
| C & K FINANCING COMPANY LLC | | |
| A holding company formed to hold C & K Manufacturing. | | |
| 8% Senior Note due 2004 (B) | \$ 67,637 | 12/24/02 |

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C & M CONVEYOR, INC.

A manufacturer and supplier of material handling systems to the corrugated sheet and container industry.

| | | |
|--|--------------|---------|
| 9.5% Senior Secured Term Note due 2007 | \$ 1,233,434 | 9/13/02 |
| 11% Senior Subordinated Note due 2010 | \$ 838,102 | 9/13/02 |
| Common Stock (B) | 316,265 shs. | 9/13/02 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 137,175 shs. | 9/13/02 |

CAINS FOODS, L.P.

A producer of mayonnaise and sauce products for both the retail and food service markets.

| | | |
|---|------------|---------|
| 8% Junior Subordinated Convertible Note due 2004, convertible into partnership points at \$1,388.89 per point | \$ 108,108 | 9/29/95 |
| Warrant, exercisable until 2004, to purchase partnership points at \$.01 per point (B) | 39 pts. | 9/29/95 |

CAPEUCCESS LLC

A provider of diversified staffing services.

| | | |
|------------------------------------|-------------|---------|
| Preferred Membership Interests (B) | 1,882 int. | 4/29/00 |
| Common Membership Interests (B) | 24,318 int. | 4/29/00 |

*12/19/96 and 9/30/99.

8

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.) MASSMUTUAL CORPORATE INVESTORS
 March 31, 2003
 (Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (Continued) | Shares, Units Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| | ----- | ----- |
| CAPITOL SPECIALTY PLASTICS, INC. | | |
| A producer of desiccant strips used for packaging pharmaceuticals products. | | |
| Common Stock (B) | 109 shs. | * |
| CHAPARRAL RESOURCES, INC. - O.T.C. | | |
| An international oil and gas exploration and production company. | | |
| Common Stock (B) | 164 shs. | 12/3/97 |
| COINING CORPORATION OF AMERICA LLC | | |
| A manufacturer of close tolerance parts and metal stampings. | | |
| Senior Secured Floating Rate Revolving Credit Facility due 2006 | \$ 75,617 | 1/7/02 |
| Senior Secured Floating Rate Tranche A Note due 2007 | \$ 1,253,087 | 6/26/01 |

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| | | |
|--|--------------|---------|
| 12% Senior Secured Tranche B Note due 2008 | \$ 648,148 | 6/26/01 |
| Limited Partnership Interest (B) | 324 shs. | 6/26/01 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 107,036 shs. | 6/26/01 |

COLIBRI HOLDINGS CORPORATION

A manufacturer and distributor of wild bird feeders and accessories.

| | | |
|--|--------------|---------|
| 12.5% Senior Subordinated Note due 2008 | \$ 1,593,750 | 9/22/00 |
| 28% Preferred Stock | 71 shs. | 11/2/01 |
| Common Stock (B) | 1,429 shs. | 9/22/00 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 843 shs. | 9/22/00 |

CONSUMER PRODUCT ENTERPRISES, INC.

A manufacturer of colored acrylic felt for consumer use.

| | | |
|--|--------------|---------|
| Senior Secured Floating Rate Revolving Credit Note due 2003 | \$ 353,740 | 12/8/95 |
| 10.75% Senior Secured Term Note due 2003 | \$ 413,630 | 12/8/95 |
| Senior Secured Floating Rate Term Note due 2003 | \$ 207,630 | 12/8/95 |
| 12% Senior Subordinated Note due 2005 | \$ 800,575 | 12/8/95 |
| Common Stock (B) | 184,560 shs. | 12/8/95 |
| Warrant, exercisable until 2005, to purchase common stock at \$.01 per share (B) | 138,420 shs. | 12/8/95 |

CORVEST GROUP, INC.

A manufacturer and distributor of promotional products.

| | | |
|--|--------------|----|
| 12% Senior Subordinated Note due 2007 | \$ 3,863,636 | ** |
| Common Stock (B) | 56 shs. | ** |
| Limited Partnership Interest (B) | 19.32% int. | ** |
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 183 shs. | ** |

**12/30/97 and 5/29/99.

**3/5/99 and 3/24/99.

9

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.) MASSMUTUAL CORPORATE INVESTORS
March 31, 2003
(Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (Continued) | Shares, Units Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| | ----- | ----- |

DELSTAR HOLDINGS CORPORATION

A manufacturer of plastic netting for a wide variety of industries.

| | | |
|---|------------|---------|
| Convertible Preferred Stock, convertible into common stock at \$12.16 per share (B) | 3,514 shs. | 10/5/01 |
|---|------------|---------|

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DEXTER MAGNETICS TECHNOLOGIES, INC.

A designer, fabricator, assembler and distributor of industrial magnets and subassemblies in North America and Europe.

| | | |
|--|--------------|---------|
| 12% Senior Subordinated Note due 2006 | \$ 1,231,884 | 7/19/01 |
| Common Stock (B) | 585 shs. | 7/19/01 |
| Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B) | 297 shs. | 7/19/01 |

DHD HEALTHCARE, INC.

A designer, manufacturer and distributor of plastic, noninvasive medical devices used for respiratory care.

| | | |
|--|--------------|--------|
| Senior Secured Floating Rate Tranche A Note due 2008 | \$ 1,123,827 | 2/8/01 |
| 12% Senior Secured Tranche B Note due 2009 | \$ 451,173 | 2/8/01 |
| Limited Partnership Interests of Riverside Capital Appreciation Fund III, L.P. (B) | 2.81% int. | 2/8/01 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 927 shs. | 2/8/01 |

DIRECTED ELECTRONICS, INC.

A designer and distributor of brand name automotive security systems, audio products and installation accessories.

| | | |
|--|--------------|----------|
| 12% Senior Subordinated Note due 2007 | \$ 3,355,267 | 12/22/99 |
| 8% Convertible Class B Subordinated Promissory Note due 2008 | \$ 89,442 | 12/22/99 |
| Class B Common Stock (B) | 26,097 shs. | 12/22/99 |
| Limited Partnership Interest | 8.70% int. | 12/22/99 |
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 45,255 shs. | 12/22/99 |

DIVERSCO, INC./DHI HOLDINGS, INC.

A contract provider of janitorial and equipment maintenance services and temporary production labor to industrial customers.

| | | |
|---|-------------|----------|
| Membership Interests of MM/Lincap Diversco Investments Ltd. LLC (B) | 27.19% int. | 8/27/98 |
| Preferred Stock (B) | 3,278 shs. | 12/14/01 |
| Warrants, exercisable until 2011, to purchase common stock of DHI Holdings, Inc. at \$.01 per share (B) | 13,352 shs. | * |

*10/24/96 and 8/28/98.

10

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
March 31, 2003
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

Shares, Units
Warrants, Ownership Acquisition

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| CORPORATE RESTRICTED SECURITIES (A) (Continued) | or Principal Amount | Date |
|---|---------------------|---------|
| | ----- | ----- |
| DT INDUSTRIES, INC. | | |
| A designer and manufacturer of automated production systems used to assemble, test or package industrial and consumer products. | | |
| 7.16% Convertible Preferred Stock, convertible into common stock at \$14 per share (B) | 20,000 shs. | 6/12/97 |
| EAGLE WINDOW & Door Holdings Co. | | |
| A manufacturer of wood and aluminum-clad wood windows and doors. | | |
| 12% Senior Subordinated Note due 2010 | \$ 1,900,000 | 5/6/02 |
| Common Stock (B) | 225 shs. | 5/6/02 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 441 shs. | 5/6/02 |
| EAST RIVER VENTURES I, L.P. | | |
| An acquirer of controlling or substantial interests in other entities. | | |
| Limited Partnership Interest (B) | 32,191 int. | 1/1/01 |
| ENZYMATIC THERAPY, INC. | | |
| A manufacturer and distributor of branded natural medicines and nutritional supplements. | | |
| 13% Senior Subordinated Note due 2004 (B) | \$ 1,593,750 | 9/17/02 |
| Limited Partnership Interest (B) | 1.32% int. | 3/30/00 |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 478 shs. | 3/30/00 |
| EVANS CONSOLES, INC. | | |
| A designer and manufacturer of consoles and control center systems. | | |
| Senior Secured Tranche A Floating Rate Note due 2004 | \$ 242,000 | 1/21/03 |
| Senior Secured Tranche A Floating Rate Note due 2006 | \$ 974,300 | 3/2/98 |
| 8.85% Senior Secured Tranche A Note due 2006 | \$ 974,300 | 3/2/98 |
| 11.75% Senior Secured Tranche B Note due 2006 | \$ 700,000 | 3/2/98 |
| Senior Secured Floating Rate Revolving Credit Facility due 2006 | \$ 984,242 | 3/2/98 |
| Convertible Preferred Stock, convertible on a one share for one share basis into non voting common stock (B) | 293,071 shs. | 1/21/03 |
| Common Stock (B) | 26,906 shs. | 2/11/98 |
| Limited Partnership Interest of CM Equity Partners (B) | 126,445 int. | 2/11/98 |
| Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B) | 34,783 shs. | 3/2/98 |

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March 31, 2003

(Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (Continued) | Shares, Units Warrants, Ownership or Principal Amount | Acquisition Date |
|--|---|---------------------|
| | ----- | ----- |
| | | |
| EVOLVE SOFTWARE, INC. | | |
| A provider of software for automating professional services organizations. | | |
| Common Stock (B) | 4 shs. | 4/20/01 |
| | | |
| EXAMINATION MANAGEMENT SERVICES, INC. | | |
| A national full-service evidence provider to the insurance industry and a provider of occupational health testing. | | |
| 12% Senior Subordinated Note due 2007 | \$ 2,109,637 | 3/16/99 |
| Limited Partnership Interest (B) | 5.27% int. | 3/2/99 |
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 77,233 shs. | 3/16/99 |
| | | |
| FAIRMARKET, INC. | | |
| A developer and deliverer of e-business selling and marketing solutions for retailers, distributors and manufacturers. | | |
| Common Stock (B) | 217 shs. | 4/20/01 |
| | | |
| FASTENERS FOR RETAIL, INC. | | |
| A designer and marketer of low-cost fasteners for point of purchase displays and signage in retail environments. | | |
| 12.5% Senior Subordinated Note due 2007 | \$ 3,650,000 | 12/22/99 |
| Class B common Stock (B) | 600 shs. | 12/22/99 |
| Warrant, exercisable until 2007, to purchase common stock at \$.02 per share (B) | 589 shs. | 12/22/99 |
| | | |
| G C-SUN HOLDINGS, L.P. | | |
| A value-added national distributor of maintenance, repair and operating supplies such as fasteners, electrical components and tools. | | |
| 12% Senior Subordinated Note due 2008 (B) | \$ 1,725,000 | 3/2/00 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 880 shs. | 3/2/00 |
| | | |
| GRAND EXPEDITIONS, INC. | | |
| A luxury travel tour operation provider. | | |
| Preferred Stock (B) | 21,250 shs. | 6/21/01 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 282,443 shs. | 6/21/01 |
| | | |
| HAMILTON FUNERAL SERVICES CENTERS, INC. | | |
| The largest privately held owner and operator of funeral homes in the United States. | | |

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| | | |
|---|--------------|---|
| 16.5% Senior Subordinated Note due 2007 (B) | \$ 3,802,712 | * |
| Warrant, exercisable until 2007, to purchase common stock at \$1 per share (B) | 338,280 shs. | * |

*1/25/99 and 7/16/99.

12

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.) MASSMUTUAL CORPORATE INVESTORS
March 31, 2003
(Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (Continued) | Shares, Units Warrants, Ownership or Principal Amount | Acquisition Date |
|--|---|---------------------|
| ----- | | |
| HIGHGATE CAPITAL LLC | | |
| An acquirer of controlling or substantial interests in manufacturing and marketing entities. | | |
| Series A Preferred Units (B) | 1.22% int. | 7/21/94 |
| HUSSEY SEATING CORPORATION | | |
| A manufacturer of spectator seating products. | | |
| Senior Secured Floating Rate Revolving Note due 2006 | \$ 819,027 | 6/12/96 |
| Senior Secured Floating Rate Note due 2006 | \$ 863,438 | * |
| 12% Senior Subordinated Note due 2006 | \$ 1,350,000 | 3/31/03 |
| Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B) | 4,771 shs. | ** |
| INTEGRATION TECHNOLOGY SYSTEMS, INC. | | |
| A manufacturer of steel protective computer and network systems for the industrial and office environments. | | |
| 11% Senior Secured Note due 2007 | \$ 1,586,131 | 6/1/00 |
| 13% Senior Secured Note due 2007 | \$ 65,459 | 2/28/03 |
| Common Stock (B) | 228 shs. | 6/1/00 |
| JACKSON PRODUCTS, INC. | | |
| A manufacturer and distributor of a variety of industrial and highway safety products. | | |
| Common Stock (B) | 226 shs. | 8/16/95 |
| Warrant, exercisable until 2005, to purchase common stock at \$.01 per share (B) | 1,042 shs. | 8/16/95 |
| JASON, INC. | | |
| A diversified manufacturing company serving various industrial markets. | | |
| 13% Senior Subordinated Note due 2008 | \$ 963,687 | 8/4/00 |
| 14% Cumulative Redeemable Preferred Stock Series A (B) Limited Partnership Interests of | 289 shs. | 8/4/00 |

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| | | |
|--|-------------|--------|
| Saw Mill Capital Fund II, L.P. (B) | 2.52% int. | 8/3/00 |
| Warrants, exercisable until 2008 and 2009, to purchase common stock at \$.01 per share (B) | 50,870 shs. | 8/4/00 |

KEEPSAKE QUILTING, INC.

A seller of quilting fabrics, books, patterns, kits and notions to consumers.

| | | |
|--|--------------|---------|
| Senior Secured Floating Rate Revolving Note Due 2005 | \$ 91,732 | 6/16/00 |
| Senior Secured Floating Rate Tranche A Note due 2007 | \$ 1,031,984 | 6/16/00 |
| 12% Senior Secured Tranche B Note due 2008 | \$ 550,392 | 6/16/00 |
| Limited Partnership Interest of | | |
| Riverside XVI Holding Company, L.P. (B) | 5.29% int. | 6/12/00 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 1,108 shs. | 6/12/00 |

**6/12/96 and 8/3/01.

**6/12/96 and 1/19/00.

13

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.) MASSMUTUAL CORPORATE INVESTORS
March 31, 2003
(Unaudited)

| | Shares, Units Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| CORPORATE RESTRICTED SECURITIES (A) (Continued) | ----- | ----- |
| KENAN-ADVANTAGE TRANSPORT COMPANY | | |
| A transporter of light petroleum, petrochemicals, lubricants and residual fuels. | | |
| 12.5% Senior Subordinated Note due 2009 | \$ 1,817,435 | 4/30/01 |
| Preferred Stock (B) | 307 shs. | 4/30/01 |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 269 shs. | 4/30/01 |
| LANCASTER LABORATORIES, INC. | | |
| One of the largest laboratory testing operations in the United States. | | |
| 12% Senior Subordinated Note due 2007 | \$ 1,669,643 | 9/25/00 |
| Common Stock (B) | 455,357 shs. | 9/25/00 |
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 405,485 shs. | 9/25/00 |
| LIH INVESTORS, L.P. | | |
| A manufacturer and marketer of a broad line of external accessories for new and used sport utility vehicles, trucks and vans. | | |
| 12.5% Senior Subordinated Note due 2006 | \$ 3,845,000 | * |
| Common Stock (B) | 5,800 shs. | * |

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| | | |
|---|-------------|---|
| Warrant, exercisable until 2006, to purchase common stock at \$.11 per share (B) | 15,572 shs. | * |
|---|-------------|---|

MOSS, INC.

A manufacturer and distributor of large display and exhibit structures.

| | | |
|---|--------------|---------|
| Senior Secured Floating Rate Revolving Note due 2005 | \$ 184,910 | 9/21/00 |
| Senior Secured Floating Rate Tranche A Note due 2007 | \$ 1,302,775 | 9/21/00 |
| 12% Senior Secured Tranche B Note due 2008 | \$ 420,250 | 9/21/00 |
| Limited Partnership Interest of Riverside Capital Appreciation Fund I, L.P. (B) | 6.23% int. | ** |
| Warrant, exercisable until 2008, to purchase common stock at \$100 per share (B) | 463 shs. | 9/21/00 |

MUSTANG VENTURES COMPANY

A natural gas gathering and processing operation located in Oklahoma and Texas.

| | | |
|--|--------------|----------|
| 11.5% Subordinated Note due 2011 | \$ 566,667 | 12/11/02 |
| 8.5% Redeemable Preferred Stock | 155,833 shs. | 12/11/02 |
| Warrant, exercisable until 2012, to purchase common stock at \$0.01 per share (B) | 18,425 shs. | 12/11/02 |

**12/23/98 and 1/28/99.

**9/20/00 and 5/23/02.

14

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.) MASSMUTUAL CORPORATE INVESTORS
March 31, 2003
(Unaudited)

| | Shares, Units Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| CORPORATE RESTRICTED SECURITIES (A) (Continued) | | |

NEFF MOTIVATION, INC.

A manufacturer and distributor of customized awards and sportswear to schools.

| | | |
|---|--------------|---------|
| 12.5% Senior Subordinated Note due 2011 | \$ 1,062,500 | 1/31/03 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 212 shs. | 1/31/03 |

NPC, INC.

A manufacturer of flexible connectors and equipment used in the installation of sewers and storm drain pipelines.

| | | |
|--|--------------|---------|
| Senior Secured Floating Rate Revolving Note due 2006 | \$ 363,618 | 6/25/99 |
| Senior Secured Floating Rate Note due 2006 | \$ 2,398,093 | 6/25/99 |
| 12% Senior Secured Tranche B Note due 2007 | \$ 978,814 | 6/25/99 |
| Limited Partnership Interest of Riverside XIII Holding Company L.P. (B) | 3.49% int. | 6/11/99 |

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Warrant, exercisable until 2007, to purchase
common stock at \$.01 per share (B) 201 shs. 6/25/99

NYLONCRAFT, INC.

A supplier of engineered plastic components for the
automotive industry.

9% Senior Secured Note due 2009 \$ 812,500 1/28/02
11.5% Senior Subordinated Note due 2012 \$ 1,500,000 1/28/02
Common Stock (B) 312,500 shs. 1/28/02
Warrant, exercisable until 2012, to purchase
common stock at \$.01 per share (B) 243,223 shs. 1/28/02

OLYMPIC SALES, INC.

An operator of boat dealerships in Washington state,
Wisconsin, Minnesota and British Columbia.

12% Senior Subordinated Note due 2006 \$ 2,774,000 8/7/98
12% Senior Subordinated Note due 2008 \$ 307,071 2/9/00
Limited Partnership Interest of Riverside VIII, VIII-A
and VIII-B Holding Company, L.P. (B) 1,531,251 shs. *
Warrants, exercisable until 2007 and 2008, to purchase
common stock at \$.01 per share (B) 28,648 shs. **

PARADIGM PACKAGING, INC.

A manufacturer of plastic bottles and closures for the nutritional,
pharmaceutical, personal care and food packaging markets.

12% Senior Subordinated Note due 2008 \$ 2,125,000 12/19/00
Membership Interests of MM/Lincap
PPI Investments, Inc., LLC (B) 2.42% int. 12/21/00

**8/7/98, 2/23/99, 12/22/99 and 2/25/03.

**8/7/98 and 2/9/00.

15

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.) MASSMUTUAL CORPORATE INVESTORS
March 31, 2003
(Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (Continued) | Shares, Units Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| ----- | ----- | ----- |
| PGT INDUSTRIES, INC. | | |
| A manufacturer of residential windows and patio doors and a provider of custom patio rooms and porch enclosures. | | |
| 12% Senior Subordinated Notes due 2009 | \$ 1,965,000 | 1/29/01 |
| Common Stock (B) | 115 shs. | 1/29/01 |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 325 shs. | 1/29/01 |

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PHARMACEUTICAL BUYERS, INC.

A group purchasing organization which specializes in arranging and negotiating contracts for the purchase of pharmaceutical goods and medical equipment.

| | | |
|--|------------|----------|
| 10.5% Senior Secured Note due 2005 | \$ 172,768 | 11/30/95 |
| 10.5% Senior Secured Convertible Note due 2005, convertible into common stock at \$50,000 per share | \$ 195,000 | 11/30/95 |
| Common Stock | 6 shs. | 11/30/95 |

P H I HOLDING COMPANY

A retailer of mid-priced gift items, home and garden decor, accessories and other similar consumer products.

| | | |
|---|--------------|----------|
| 12.5% Senior Subordinated Note due 2010 | \$ 2,125,000 | 10/25/02 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 351 shs. | 10/25/02 |

PLASSEIN PACKAGING CORPORATION

A manufacturer of flexible packaging products.

| | | |
|---|--------------|----------|
| 13% Senior Subordinated Note due 2007 (B) | \$ 763,608 | 8/15/00 |
| 15% Junior Subordinated Note due 2008 (B) | \$ 73,494 | 11/14/01 |
| 12% Junior Subordinated Note due 2008 (B) | \$ 658,905 | 8/15/00 |
| Convertible Preferred Stock, convertible into common stock at \$1 per share (B) | 288,256 shs. | 8/15/00 |
| Common Stock (B) | 446,960 shs. | 8/15/00 |
| Warrants, exercisable until 2007 and 2008, to purchase common stock at \$.01 per share (B) | 482,594 shs. | * |

POLYMER TECHNOLOGIES, INC./POLI-TWINE WESTERN, INC.

A leading manufacturer of polypropylene twine for the hay bailing marketplace.

| | | |
|---|----------------|---------|
| 8% Senior Subordinated Note due 2010 (B) | \$ 743,750 | 9/27/02 |
| Preferred Series A Stock (B) | 1,062 shs. | 9/27/02 |
| Preferred Series B Stock (B) | 239 shs. | 9/27/02 |
| Common Stock (B) | 159,375 shs. | 3/1/00 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 7,375,899 shs. | ** |

**8/15/00 and 11/14/01.

**3/1/00 and 9/27/02.

16

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
March 31, 2003
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

CORPORATE RESTRICTED SECURITIES (A) (Continued)

Shares, Units
Warrants, Ownership
or Principal Amount Acquisition
Date

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PRECISION DYNAMICS, INC.

A manufacturer of custom-designed solenoid valves and controls.

| | | |
|--|--------------|---------|
| Senior Secured Floating Rate Revolving Credit Facility due 2003 | \$ 896,500 | 7/22/96 |
| Senior Secured Floating Rate Term Note due 2003 | \$ 1,450,700 | 7/22/96 |
| 12% Senior Secured Term Note due 2004 | \$ 489,000 | 7/22/96 |
| 8% Preferred Stock (B) | 374 shs. | 7/22/96 |
| Common Stock (B) | 599 shs. | 7/22/96 |
| Warrant, exercisable until 2004, to purchase common stock at \$.01 per share (B) | 322 shs. | 7/22/96 |

PREMIUM FOODS GROUP, INC.

A manufacturer and distributor of branded meat products.

| | | |
|--|------------|---------|
| Limited Partnership Interest of MHD Holdings LLC (B) | 1.29% int. | 8/29/00 |
|--|------------|---------|

PROCESS CHEMICALS LLC

A specialty chemical company that manufactures processed chemicals for the fertilizer, asphalt and concrete industries.

| | | |
|--|------------|---|
| 6% Redeemable Preferred Membership Interests | 2,525 int. | * |
| Common Membership Interests | 9,863 int. | * |

PROGRESSIVE SOFTWARE HOLDING, INC.

A designer and manufacturer of point-of-sale monitors and keyboards used by retailers and restaurants.

| | | |
|------------------|--------------|--------|
| Common Stock (B) | 729,946 shs. | 7/9/02 |
|------------------|--------------|--------|

PROTEIN GENETICS, INC.

A producer of bovine artificial insemination products, related breeding and healthcare products and specialty genetics sold to the dairy and beef industries.

| | | |
|--|------------|---------|
| 9.8% Redeemable Exchangeable Preferred Stock (B) | 1,004 shs. | 8/12/94 |
| Common Stock (B) | 2,600 shs. | ** |

PW EAGLE, INC. - O.T.C.

An extruder of small and medium diameter plastic pipe and tubing in the United States.

| | | |
|--|--------------|---------|
| 14% Senior Subordinated Note due 2007 | \$ 3,538,657 | 9/16/99 |
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 197,040 shs. | 9/16/99 |

**7/31/97 and 1/4/99.

**11/14/01 and 8/12/94.

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| CORPORATE RESTRICTED SECURITIES (A) (Continued) | Shares, Units Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| | ----- | ----- |
| RK POLYMERS LLC | | |
| A producer of styrenic block copolymers and highly engineered synthetic elastomers. | | |
| 13% Senior Subordinated Notes due 2011 | \$ 2,125,000 | 2/28/01 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 212 shs. | 2/28/01 |
| SABEX 2002, INC. | | |
| A Canadian specialty pharmaceutical company which manufactures and distributes generic injectable drugs and eye products. | | |
| 12% Senior Subordinated Note due 2009 | \$ 2,125,000 | 4/19/02 |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 51,088 shs. | 4/19/02 |
| SAFETY SPEED CUT MANUFACTURING COMPANY, INC. | | |
| A manufacturer of vertical panel saws and routers for the wood working industry. | | |
| Senior Secured Floating Rate Tranche A Note due 2007 | \$ 2,096,417 | 6/2/99 |
| 12% Senior Secured Tranche B Note Due 2007 | \$ 1,130,652 | 6/2/99 |
| Class B Common Stock (B) | 1,480 shs. | 6/2/99 |
| SELIG ACQUISITION CORPORATION | | |
| A manufacturer of container sealing materials for bottles used in consumer products. | | |
| 12% Senior Subordinated Note due 2009 | \$ 2,125,000 | 6/13/02 |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 2,011 shs. | 6/13/02 |
| SHELTER ACQUISITION, INC. | | |
| A distributor of roofing supplies and products throughout the Midwest. | | |
| 12.5% Senior Subordinated Note due 2008 | \$ 1,517,857 | 8/1/02 |
| Common Stock (B) | 758,929 shs. | * |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 263,444 shs. | 8/1/02 |
| SNYDER INDUSTRIES, INC. | | |
| A manufacturer of proprietary rotationally molded polyethylene containers. | | |
| 12.25% Senior Subordinated Note due 2007 | \$ 3,125,000 | 12/6/99 |
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 513 shs. | 12/6/99 |

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*8/1/03 and 1/17/03.

18

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.) MASSMUTUAL CORPORATE INVESTORS
 March 31, 2003
 (Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (Continued) | Shares, Units Warrants, Ownership or Principal Amount | Acquisition Date |
|--|---|---------------------|
| STAR INTERNATIONAL, INC. | | |
| A manufacturer of commercial cooking appliances. | | |
| 11% Senior Secured Note due 2004 | \$ 2,282,975 | 1/25/00 |
| 9.65% Senior Secured Note due 2004 | \$ 469,254 | 5/27/94 |
| 10.5% Subordinated Note due 2004 | \$ 716,418 | 5/27/94 |
| Common Stock (B) | 4,310 shs. | 5/27/94 |
| Warrant, exercisable until 2004, to purchase common stock at \$.01 per share (B) | 4,621 shs. | * |
| STRATEGIC EQUIPMENT & SUPPLY CORP., INC. | | |
| A provider of kitchen and restaurant design, equipment fabrication and installation services. | | |
| 12% Senior Subordinated Note due 2008 | \$ 3,875,000 | 1/14/00 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 106,539 shs. | 1/14/00 |
| THE TRANZONIC COMPANIES | | |
| A producer of commercial and industrial supplies, such as safety products, janitorial supplies, work apparel, washroom and restroom supplies and sanitary care products. | | |
| 12.5% Senior Subordinated Note due 2007 | \$ 2,712,000 | 2/5/98 |
| Common Stock (B) | 630 shs. | 2/4/98 |
| Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B) | 444 shs. | 2/5/98 |
| THERMA-TRU CORPORATION | | |
| A manufacturer of residential exterior entry door systems. | | |
| Limited Partnership Interest of KT Holding Company, L.P. (B) | 0.52% int. | 5/5/00 |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 739 shs. | 5/9/00 |
| TIDEWATER HOLDINGS, INC. | | |
| An operator of a barge transportation line on the Columbia/Snake River system. | | |
| 17% Preferred Stock (B) | 560 shs. | 12/23/02 |
| Convertible Preferred Stock, convertible into | | |

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| | | |
|---|------------|---------|
| common stock at \$1,000 per share (B) | 1,120 shs. | 7/25/96 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 474 shs. | 7/25/96 |

TINNERMAN-PALNUT ENGINEERED COMPONENTS

A manufacturer of precision engineered metal and plastic fasteners and assembly components.

| | | |
|--|--------------|---------|
| 12.75% Senior Subordinated Note due 2008 | \$ 1,875,000 | 12/6/01 |
| Membership Interests (B) | 250,000 int. | 12/6/01 |

19

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.) MASSMUTUAL CORPORATE INVESTORS
March 31, 2003
(Unaudited)

| | Shares, Units Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| CORPORATE RESTRICTED SECURITIES (A) (Continued) | ----- | ----- |

TRONAIR, INC.

A designer, engineer and manufacturer of ground support equipment for the business, commuter and commercial aviation markets.

| | | |
|---|--------------|---------|
| 10.5% Senior Secured Term Note due 2008 | \$ 1,974,022 | 1/20/00 |
| 12% Senior Subordinated Note due 2010 | \$ 1,326,500 | 1/20/00 |
| Common Stock (B) | 227,400 shs. | 1/20/00 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 260,563 shs. | 1/20/00 |

TRUSEAL TECHNOLOGIES, INC.

A manufacturer of sealant systems for the North American window and door market.

| | | |
|---|--------------|---------|
| 12.25% Senior Subordinated Note due 2006 | \$ 2,675,000 | 6/23/97 |
| Limited Partnership Interest (B) | 10.04% int. | 6/17/97 |
| Warrant, exercisable until 2006, to purchase limited partnership interests at \$.01 per unit (B) | 1,258 uts. | 6/23/97 |

TVI, INC.

A retailer of used clothing in the United States, Canada and Australia.

| | | |
|---|--------------|--------|
| 15.971% Senior Subordinated Note due 2008 | \$ 2,038,509 | 5/2/00 |
| Common Stock (B) | 354,167 shs. | 5/2/00 |

USFLOW CORPORATION

A distributor of industrial pipes, valves and fittings.

| | | |
|---|--------------|----------|
| 12.5% Senior Subordinated Note due 2007 (B) | \$ 3,463,000 | 12/14/99 |
|---|--------------|----------|

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| | | |
|---|----------|----------|
| Class B Common Stock (B) | 664 shs. | 12/14/99 |
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 565 shs. | 12/14/99 |

VICTORY VENTURES LLC

An acquirer of controlling or substantial interests in other entities.

| | | |
|------------------------------|------------|---------|
| Series A Preferred Units (B) | 0.15% int. | 12/2/96 |
|------------------------------|------------|---------|

VITEX PACKAGING, INC.

A manufacturer of specialty packaging, primarily envelopes and tags used on tea bags.

| | | |
|---|--------------|----------|
| 12% Senior Subordinated Note due 2008 | \$ 2,045,265 | 12/18/00 |
| Limited Partnership Interest of Riverside VI Holding Company, L.P. (B) | 4.80% int. | * |
| Limited Partnership Interest of Riverside Capital Appreciation Fund II L.P. (B) | 0.75% int. | 12/18/00 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 308 shs. | ** |

**12/30/97 and 9/9/99.

**1/12/98 and 12/18/00.

20

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.) MASSMUTUAL CORPORATE INVESTORS
March 31, 2003
(Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (Continued) | Shares, Units Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| | ----- | ----- |

WASHINGTON INVENTORY SERVICES, INC.

A provider of physical inventory taking and other related services to retailers.

| | | |
|---|--------------|---------|
| 12.5% Senior Subordinated Note due 2008 | \$ 1,646,881 | 11/3/00 |
| Senior Preferred Stock (B) | 4,692 shs. | 11/1/00 |
| Class B Common Stock (B) | 8,959 shs. | 11/1/00 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 3,979 shs. | 11/3/00 |

WEASLER HOLDINGS LLC

A manufacturer of mechanical power transmission components for the agricultural, lawn and turf industries.

| | | |
|---|--------------|--------|
| 13.25% Senior Subordinated Note due 2010 | \$ 2,023,810 | 2/4/03 |
| Limited Partnership Interest (B) | 101,190 int. | 2/3/03 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 256 shs. | 2/4/03 |

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WICOR AMERICAS, INC.

A manufacturer of cellulose based insulation products, systems and services for electrical transformer equipment manufacturers.

20% Senior Subordinated Secured Note due 2009 \$ 2,272,932 11/9/01

TOTAL PRIVATE PLACEMENT INVESTMENTS

21

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.) MASSMUTUAL CORPORATE INVESTORS
MARCH 31, 2003
(Unaudited)

| CORPORATE RESTRICTED SECURITIES:(A) continued | Interest Rate | Due Date | Shares or Principal Amount |
|---|---------------|----------|----------------------------|
| RULE 144A SECURITIES - 3.29%: (A) | | | |
| BONDS - 1.07% | | | |
| American Media Operation, Inc. | 8.875% | 01/15/11 | \$ 200,000 |
| Canwest Media, Inc. | 7.625 | 04/15/13 | 200,000 |
| Cuddy International Corporation (B) | 10.750 | 12/01/07 | 229,062 |
| Del Monte Corporation | 8.625 | 12/15/12 | 225,000 |
| Direct Holdings Finance | 8.375 | 03/15/13 | 550,000 |
| Dole Food Company, Inc. | 8.875 | 03/15/11 | 100,000 |
| Hexcel Corporation | 9.875 | 10/01/08 | 75,000 |
| Northwest Pipelines Corporation | 8.125 | 03/01/10 | 250,000 |
| Remington Arms Company | 10.500 | 02/01/11 | 200,000 |
| TOTAL BONDS | | | \$ 2,029,062 |
| COMMON STOCK - 0.00% | | | |
| Jordan Telecom Products (B) | | | 70 |
| TOTAL COMMON STOCK | | | |
| CONVERTIBLE BONDS - 1.99% | | | |
| Advanced Micro Devices, Inc. | 4.750% | 02/01/22 | \$ 500,000 |
| Computer Associates Int'l., Inc. | 1.625 | 12/15/09 | 150,000 |
| Cymer, Inc. | 3.500 | 02/15/09 | 850,000 |
| Echostar Communications, Inc. | 4.875 | 01/01/07 | 400,000 |
| F E I Company | 5.500 | 08/15/08 | 375,000 |
| General Semiconductor, Inc. | 5.750 | 12/15/06 | 65,000 |
| Hyperion Solutions Corporation | 4.500 | 03/15/05 | 200,000 |
| Invitrogen Corporation | 2.250 | 12/15/06 | 425,000 |
| Sanmina-SCI Corporation (B) | 0.000 | 09/12/20 | 1,090,000 |
| Triquint Semiconductor, Inc. | 4.000 | 03/01/07 | 225,000 |
| Tyco International Group | 2.750 | 01/15/18 | 200,000 |
| Viropharma, Inc. | 6.000 | 03/01/07 | 215,000 |
| TOTAL CONVERTIBLE BONDS | | | \$ 4,695,000 |

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CONVERTIBLE PREFERRED STOCK - 0.23%
 Chesapeake Energy Corporation 7,800

TOTAL CONVERTIBLE PREFERRED STOCK

WARRANTS - 0.00%
 Winsloew Escrow Corporation (B) 900

TOTAL WARRANTS

TOTAL RULE 144A SECURITIES

TOTAL CORPORATE RESTRICTED SECURITIES

 22

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.) MASSMUTUAL CORPORATE INVESTORS
 MARCH 31, 2003
 (Unaudited)

| CORPORATE PUBLIC SECURITIES - 9.62%:(A) | Interest Rate ----- | Due Date ----- | Shares or Principal Amount ----- |
|---|---------------------------|----------------------|--|
| BONDS - 2.51% | | | |
| G F S I, Inc. | 9.625% | 03/01/07 | \$ 145,000 |
| Isle of Capri Casinos, Inc. | 9.000 | 03/15/12 | 450,000 |
| Neff Corporation | 10.250 | 06/01/08 | 170,000 |
| Numatics, Inc. | 9.625 | 04/01/08 | 550,000 |
| Remington Products Co. | 11.000 | 05/15/06 | 600,000 |
| S P X Corporation | 7.500 | 01/01/13 | 500,000 |
| Sports Club Co. | 11.375 | 03/15/06 | 600,000 |
| Telex Communications, Inc. (B) | 0.000 | 11/15/06 | 373,182 |
| United Refining Co. | 10.750 | 06/15/07 | 1,365,000 |
| Winsloew Escrow Corporation | 12.750 | 08/15/07 | 900,000 |
| | | | ----- |
| TOTAL BONDS | | | \$ 5,653,182 ===== |

| | | |
|---------------------------------------|--|---------|
| COMMON STOCK - 3.53% | | |
| Chesapeake Energy Corporation | | 163,900 |
| Computer Horizons Corporation (B) | | 32,068 |
| D T Industries, Inc. (B) | | 178,876 |
| EOS International, Inc. (B) | | 100,000 |
| Florist Transworld Delivery, Inc. (B) | | 29,374 |
| H C I Direct, Inc. (B) 1,000 - 10 | | |
| PepsiAmericas, Inc. (B) | | 92,145 |
| Proton Energy Systems, Inc. (B) | | 26,000 |
| Rent-Way, Inc. (B) | | 92,866 |
| Supreme Industries, Inc. (B) | | 105,202 |
| Surebeam Corporation (B) | | 40,555 |
| T G C Industries (B) | | 6,361 |
| Titan Corporation (B) | | 58,052 |
| Transmontaigne, Inc. (B) | | 333,326 |
| Vina Technologies, Inc. (B) | | 572 |
| W E C Company, Inc. (B) | | 5,938 |

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TOTAL COMMON STOCK

CONVERTIBLE BONDS - 2.88%

| | | | |
|-------------------------------------|--------|----------|------------|
| Charter Communications, Inc. | 4.750% | 06/01/06 | \$ 660,000 |
| Commscope, Inc. | 4.000 | 12/15/06 | 185,000 |
| Corning Inc. (B) | 0.000 | 11/08/15 | 795,000 |
| Cypress Semiconductor Corporation | 4.000 | 02/01/05 | 210,000 |
| Echostar Communications | 4.875 | 01/01/07 | 1,000,000 |
| F E I Company | 5.500 | 08/15/08 | 1,160,000 |
| Hyperion Solutions Corporation | 4.500 | 03/15/05 | 50,000 |
| Mediacom Communications Corporation | 5.250 | 07/01/06 | 1,045,000 |
| S C I Systems, Inc. | 3.000 | 03/15/07 | 800,000 |
| Sanmina-SCI Corporation (B) | 0.000 | 09/12/20 | 1,190,000 |

TOTAL CONVERTIBLE BONDS

\$ 7,095,000
=====

23

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
MARCH 31, 2003
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| | Shares or Principal Amount |
|--|----------------------------------|
| ----- | |
| CORPORATE PUBLIC SECURITIES: (A) (Continued) | |
| ----- | |
| CONVERTIBLE PREFERRED STOCK - 0.69% | |
| Lucent Technologies Capital Trust I | 2,200 |
| TOTAL CONVERTIBLE PREFERRED STOCK | |
| PREFERRED STOCK - 0.01% | |
| Telex Communications, Inc. | 17,707 |
| TOTAL PREFERRED STOCK | |
| WARRANTS - 0.00% | |
| Telex Communications, Inc. | 698 |
| TOTAL WARRANTS | |
| TOTAL CORPORATE PUBLIC SECURITIES | |

| | Interest Rate/Yield | Due Date | Principal Amount |
|--|------------------------|-------------|---------------------|
| ----- | | | |
| SHORT-TERM SECURITIES: | | | |
| ----- | | | |
| COMMERCIAL PAPER - 7.74% | | | |
| C I T Group, Inc. | 1.300% | 04/02/03 | \$ 1,720,000 |
| Caterpillar Financial Services Corporation | 1.260 | 04/14/03 | 2,220,000 |

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| | | | |
|---|-------|----------|---------------|
| General Electric Capital Corporation | 1.230 | 04/10/03 | 1,625,000 |
| Praxair, Inc. | 1.330 | 04/01/03 | 2,050,000 |
| Schering-Plough Corporation | 1.260 | 04/04/03 | 2,840,000 |
| Washington Mutual Financial Corporation | 1.300 | 04/03/03 | 3,500,000 |
| Total Short-Term Securities | | | \$ 13,955,000 |

| | |
|-------------------|---------|
| Total Investments | 108.61% |
| Other Assets | 3.23 |
| Liabilities | (11.84) |
| ----- | |
| Total Net Assets | 100.00% |
| ===== | |

(A) In each of the convertible note, warrant, convertible preferred and common stock investments, the issuer has agreed to provide certain registration rights.

(B) Non-income producing security.

See Notes to Consolidated Financial Statements.

24

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL CORPORATE INVESTORS
 March 31, 2003
 (Unaudited)

INDUSTRY CLASSIFICATION

| CORPORATE RESTRICTED SECURITIES: | Fair Value |
|---|------------|
| | ----- |
| AEROSPACE - 0.04% | |
| Hexcel Corporation | \$ 78,000 |
| ----- | |
| AUTOMOBILE - 5.71% | |
| America's Body Co., Inc. | 2,800,001 |
| LIH Investors, L.P. | 4,832,476 |
| Nyloncraft, Inc. | 2,660,054 |
| | ----- |
| | 10,292,531 |
| ----- | |
| BEVERAGE, FOOD & TOBACCO - 1.10% | |
| Beta Brands, Inc. | 732,559 |
| Cains Foods, L.P. | 113,611 |
| Del Monte Corporation | 234,000 |
| Dole Food Company, Inc. | 104,000 |
| Premium Foods Group, Inc. | 804,000 |
| | ----- |
| | 1,988,170 |
| ----- | |
| BROADCASTING & ENTERTAINMENT - 0.22% | |
| Echostar Communications, Inc. | 387,500 |
| ----- | |
| BUILDINGS & REAL ESTATE - 9.66% | |
| Adorn, Inc. | 2,357,081 |
| Eagle Window & Door Holdings Co. | 2,189,356 |

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| | |
|---|------------|
| PGT Industries, Inc. | 2,692,618 |
| Shelter Acquisition, Inc. | 2,227,757 |
| Strategic Equipment & Supply Corp., Inc. | 3,682,449 |
| Therma-Tru Corporation | 768,953 |
| Truseal Technologies, Inc. | 3,486,997 |
| | ----- |
| | 17,405,211 |
| | ----- |
| CARGO TRANSPORT - 2.21% | |
| Kenan-Advantage Transport Company | 2,166,435 |
| Tidewater Holdings, Inc. | 1,807,008 |
| | ----- |
| | 3,973,443 |
| | ----- |
| CHEMICAL, PLASTICS & RUBBER - 2.81% | |
| Delstar Holdings Corporation | 342 |
| Process Chemicals LLC | 2,847,255 |
| RK Polymers LLC | 2,205,939 |
| | ----- |
| | 5,053,536 |
| | ----- |
| CONSUMER PRODUCTS - 12.74% | |
| Alpha Shirt Company | 7,080,758 |
| Colibri Holdings Corporation | 2,139,216 |
| Consumer Product Enterprises, Inc. | 550,115 |
| Corvest Group, Inc. | 3,948,717 |
| Dexter Magnetic Technologies, Inc. | 1,608,079 |
| G C-Sun Holdings, L.P. | 1,293,759 |
| Keepsake Quilting, Inc. | 1,978,867 |
| Neff Motivation, Inc. | 1,072,117 |
| The Tranzonic Companies | 3,279,004 |
| | ----- |
| | 22,950,632 |
| | ----- |
| CONTAINERS, PACKAGING & GLASS - 5.76% | |
| C & K Financing Company LLC | 6,764 |
| Capitol Specialty Plastics, Inc. | 403 |
| Paradigm Packaging, Inc. | 2,400,692 |
| Plassein Packaging Corporation | 76,361 |
| Selig Acquisition Corporation | 2,178,115 |
| Snyder Industries, Inc. | 3,187,505 |
| Vitex Packaging, Inc. | 2,531,449 |
| | ----- |
| | 10,381,289 |
| | ----- |
| DIVERSIFIED/CONGLOMERATE, MANUFACTURING - 13.66% | |
| D T Industries, Inc. | 300,000 |
| Evans Consoles, Inc. | 2,625,878 |
| Highgate Capital LLC | 150,000 |
| Hussey Seating Corporation | 2,819,941 |
| Jackson Products, Inc. | 1,257 |
| Jason, Inc. | 1,901,929 |
| NPC, Inc. | 3,852,964 |
| PW Eagle, Inc. | 4,672,520 |
| Safety Speed Cut Manufacturing Company, Inc. | 3,733,383 |
| Tinnerman-Palnut Engineered Components | 2,124,141 |
| Tyco International Group | 185,564 |
| Wicor Americas, Inc. | 2,252,230 |
| | ----- |
| | 24,619,807 |

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| | |
|--|------------|
| ----- | |
| DIVERSIFIED/CONGLOMERATE, SERVICE - 6.50% | |
| Diversco, Inc./DHI Holdings, Inc. | 1,113,655 |
| Examination Management Services, Inc. | 2,944,231 |
| Hamilton Funeral Services Centers, Inc. | 380,271 |
| Lancaster Laboratories, Inc. | 2,083,519 |
| Pharmaceutical Buyers, Inc. | 897,241 |
| Sabex 2002, Inc. | 2,207,427 |
| Washington Inventory Services, Inc. | 2,085,856 |
| | ----- |
| | 11,712,200 |
| | ----- |

| | |
|--------------------------------------|------------|
| ELECTRONICS - 6.66% | |
| Advanced Micro Devices, Inc. | 335,625 |
| Computer Associates Int'l., Inc. | 156,912 |
| Coining Corporation of America LLC | 2,219,460 |
| Directed Electronics, Inc. | 4,236,424 |
| Evolve Software, Inc. | -- |
| Fairmarket, Inc. | 312 |
| Hyperion Solutions Corporation | 197,750 |
| Integration Technology Systems, Inc. | 1,622,286 |
| Precision Dynamics, Inc. | 2,552,580 |
| Progressive Software Holding, Inc. | 13,139 |
| Sanmina-SCI Corporation | 487,775 |
| Triquint Semiconductor, Inc. | 184,781 |
| | ----- |
| | 12,007,044 |
| | ----- |

25

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL CORPORATE INVESTORS
 March 31, 2003
 (Unaudited)

INDUSTRY CLASSIFICATION (Continued)

| | |
|--|------------|
| CORPORATE RESTRICTED SECURITIES: (Cont.) | Fair Value |
| | ----- |
| FARMING & AGRICULTURE - 0.50% | |
| Cuddy International Corporation | \$ 22,906 |
| Polymer Technologies, Inc./ | |
| Poli-Twine Western, Inc. | 855,762 |
| Protein Genetics, Inc. | 25,088 |
| | ----- |
| | 903,756 |
| | ----- |

| | |
|--|-----------|
| HEALTHCARE, EDUCATION & CHILDCARE - 2.94% | |
| Beacon Medical Products, Inc. | 2,048,239 |
| DHD Healthcare, Inc. | 1,966,793 |
| Enzymatic Therapy, Inc. | 1,168,755 |
| Viropharma, Inc. | 105,350 |
| | ----- |
| | 5,289,137 |
| | ----- |

HOME & OFFICE FURNISHINGS,
 HOUSEWARES, AND DURABLE
 CONSUMER PRODUCTS - 7.24%

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| | |
|--|------------|
| Fasteners for Retail, Inc. | 6,155,159 |
| Moss, Inc. | 1,491,291 |
| Star International, Inc. | 5,402,251 |
| | ----- |
| | 13,048,701 |
| | ----- |
| LEISURE, AMUSEMENT, ENTERTAINMENT - 1.94% | |
| Adventure Entertainment Corporation | 10,353 |
| Grand Expeditions, Inc | 227,824 |
| Olympic Sales, Inc. | 3,264,074 |
| | ----- |
| | 3,502,251 |
| | ----- |
| MACHINERY - 4.07% | |
| Ames True Temper Group | 2,112,834 |
| C & M Conveyor, Inc. | 2,320,515 |
| Cymer, Inc. | 769,250 |
| Weasler Holdings LLC | 2,134,097 |
| | ----- |
| | 7,336,696 |
| | ----- |
| MINING, STEEL, IRON & NON PRECIOUS METALS - 0.06% | |
| Better Minerals & Aggregates | 108,991 |
| | ----- |
| MISCELLANEOUS - 1.13% | |
| CapeSuccess LLC | 5,862 |
| Direct Holdings Finance | 607,063 |
| East River Ventures I, L.P. | 39,814 |
| General Semiconductor, Inc. | 61,100 |
| Invitrogen Corporation | 370,281 |
| Northwest Pipelines Corporation | 264,055 |
| USFlow Corporation | 692,600 |
| Victory Ventures LLC | 2 |
| Winslow Escrow Corporation | 9 |
| | ----- |
| | 2,040,786 |
| | ----- |
| OIL AND GAS - 1.39% | |
| Chaparral Resources, Inc. | 148 |
| Chesapeake Energy Corporation | 416,325 |
| Mustang Ventures Company | 2,093,370 |
| | ----- |
| | 2,509,843 |
| | ----- |
| PERSONAL TRANSPORTATION - 1.86% | |
| Tronair, Inc. | 3,354,018 |
| | ----- |
| PUBLISHING/PRINTING - 0.12% | |
| American Media Operation, Inc. | 215,500 |
| | ----- |
| RETAIL STORES - 2.63% | |
| P H I Holdings Company | 2,231,254 |
| Remington Arms Company | 213,500 |
| TVI, Inc. | 2,289,965 |
| | ----- |
| | 4,734,719 |
| | ----- |
| TECHNOLOGY - 0.19% | |
| F E I Company | 340,781 |
| | ----- |

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| | |
|---|------------------------|
| TELECOMMUNICATIONS - 0.11% | |
| Canwest Media, Inc. | 200,000 |
| Jordan Telecom Products | -- |
| | ----- |
| | 200,000 |
| | ----- |
| TOTAL CORPORATE RESTRICTED SECURITIES - 91.25% | \$164,434,542 ===== |

26

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS MASSMUTUAL CORPORATE INVESTORS
(Unaudited)

1. HISTORY

MassMutual Corporate Investors (the "Trust") commenced operations in 1971 as a Delaware corporation. Pursuant to an Agreement and Plan of Reorganization dated November 14, 1985, approved by shareholders, the Trust was organized as a Massachusetts business trust under the laws of the Commonwealth of Massachusetts, effective November 28, 1985.

The Trust is a non-diversified closed-end management investment company. David L. Babson & Company Inc. ("Babson"), a majority owned subsidiary of Massachusetts Mutual Life Insurance Company, ("MassMutual"), acts as its investment adviser. The Trust's investment objective is to maintain a portfolio of securities providing a fixed yield and at the same time offering an opportunity for capital gains.

On January 27, 1998, the Board of Trustees authorized the formation of a wholly-owned subsidiary ("MMCI Subsidiary Trust") for the purpose of holding certain investments. The MMCI Subsidiary Trust's results of operations have been included in the accompanying consolidated financial statements.

2. SIGNIFICANT ACCOUNTING POLICIES

The following is a summary of significant accounting policies followed consistently by the Trust in the preparation of the consolidated financial statements in conformity with accounting principles generally accepted in the United States of America.

A. VALUATION OF INVESTMENTS:

Valuation of a security in the Trust's portfolio is made on the basis of market price whenever market quotations are readily available and all securities of the same class held by the Trust can be readily sold in such market.

Nearly all securities which are acquired by the Trust directly from the issuers and shares into which such securities may be converted or which may be purchased on the exercise of warrants attached to such securities will be subject to legal or contractual delays in or restrictions on resale and will therefore be "restricted securities". Generally speaking, as contrasted with open-market sales of unrestricted securities which may be effected immediately if the market is adequate, restricted securities can be sold only in a directly negotiated transaction to a limited number of purchasers or in a public offering for which a registration statement is in effect under the Securities Act of 1933.

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The value of restricted securities, and of any other assets for which there are no reliable market quotations, is the fair value as determined in good faith by the Board of Trustees of the Trust (the "Trustees"). Each restricted security is valued by the Trustees at the time of the acquisition thereof and at least quarterly thereafter. The Trustees have established guidelines to aid in the valuation of each security. Generally, restricted securities are initially valued at cost or less at the time of acquisition by the Trust. Values greater or less than cost are used thereafter for restricted securities in appropriate circumstances. Among the factors ordinarily considered are the existence of restrictions upon the sale of the security by the Trust; an estimate of the existence and extent of a market for the security; the extent of any discount at which the security was acquired; the estimated period of time during which the security will not be freely marketable; the estimated expenses of registering or otherwise qualifying the security for public sale; estimated underwriting commissions if underwriting would be required to effect a sale; in the case of a convertible security, whether or not it would trade on the basis of its stock equivalent; in the case of a debt obligation which would trade independently of any equity equivalent, the current yields on comparable securities; the estimated amount of the floating supply of such securities available; the proportion of the issue held by the Trust; changes in the financial condition and prospects of the issuer; the existence of merger proposals or tender offers affecting the issuer; and any other factors affecting fair value, all in accordance with the Investment Company Act of 1940. In making valuations, opinions of counsel may be relied upon as to whether or not securities are restricted securities and as to the legal requirements for public sale.

27

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(Continued)

MASSMUTUAL CORPORATE INVESTORS

When market quotations are readily available for unrestricted securities of an issuer, restricted securities of the same class are generally valued at a discount from the market price of such unrestricted securities. The Trustees, however, consider all factors in fixing any discount, including the filing of a registration statement for such securities under the Securities Act of 1933 and any other developments which are likely to increase the probability that the securities may be publicly sold by the Trust without restriction.

The Board of Trustees of the Trust meets at least once in each quarter to value the Trust's portfolio securities as of the close of business on the last business day of the preceding quarter. This valuation requires the approval of a majority of the Trustees of the Trust, including a majority of the Trustees who are not interested persons of the Trust (otherwise than as Trustees) or of Babson. In making valuations, the Trustees will consider reports by Babson analyzing each portfolio security in accordance with the relevant factors referred to above. Babson has agreed to provide such reports to the Trust at least quarterly.

The financial statements include restricted securities valued at \$164,434,542 (91.25% of net assets) as of March 31, 2003 (\$166,387,779 at March 31, 2002) whose values have been estimated by the Board of Trustees in the absence of readily ascertainable market values. Due to the inherent uncertainty of valuation, those estimated values may differ significantly from the values that would have been used had a ready market for the securities existed, and the differences could be material.

The values for corporate public securities are stated at the last reported

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sales price or at prices based upon quotations obtained from brokers and dealers as of March 31, 2003, subject to discount where appropriate, and are approved by the Trustees.

Short-term securities with more than sixty days to maturity are valued at fair value and short-term securities having a maturity of sixty days or less are valued at amortized cost which approximates market value.

B. ACCOUNTING FOR INVESTMENTS:

Investment transactions are accounted for on the trade date. Dividend income is recorded on the ex-dividend date. Interest income is recorded on the accrual basis. The Trust has elected to accrue, for financial reporting purposes, certain premiums and discounts which are required to be accrued for federal income tax purposes. Realized gains and losses on investment transactions and unrealized appreciation and depreciation of investments are reported for financial statement and federal income tax purposes on the identified cost method.

The Trust does not accrue income when payment is delinquent and when management believes payment is questionable.

C. USE OF ESTIMATES:

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

28

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(CONTINUED)

MASSMUTUAL CORPORATE INVESTORS

D. FEDERAL INCOME TAXES:

No provision for federal taxes on net investment income and short-term capital gains is considered necessary because the Trust has elected to be taxed as a "regulated investment company" under the Internal Revenue Code, and intends to maintain this qualification and to distribute substantially all of its net taxable income to its shareholders. In any year when net long-term capital gains are realized by the Trust, management, after evaluating the prevailing economic conditions, will recommend to the Trustees either to designate the net realized long-term gains as undistributed and to pay the federal capital gains taxes thereon or to distribute all or a portion of such net gains.

3. INVESTMENT SERVICES FEE

Under an Investment Services Contract with the Trust, Babson has agreed to use its best efforts to present to the Trust a continuing and suitable investment program consistent with the investment objective and policies of the Trust. Babson has further agreed that it will request each issuer of securities which MassMutual is prepared to purchase in a private placement, and which would be consistent with the investment policies of the Trust, to offer such securities also to the Trust and that it will use its best efforts to insure that such request is acceded to. MassMutual has agreed that,

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subject to such orders of the Securities and Exchange Commission as may apply, it will invest concurrently with the Trust in any such investment. Babson will also represent the Trust in any negotiations with issuers, investment banking firms, securities brokers or dealers and other institutions or investors relating to the Trust's investments. Under the contract, Babson is obligated to provide administration of the day-to-day operations of the Trust and to provide the Trust with office space and office equipment, accounting and bookkeeping services, and necessary executive, clerical and secretarial personnel for the performance of the foregoing services.

Under the investment services contract, as amended July 1, 1988, the Trust pays Babson a quarterly base rate (the "Base Fee Rate") of 5/16 of 1% of the value of the Trust's net assets as of the end of each fiscal quarter, approximately equivalent to 1.25% of the net asset value of the Trust on an annual basis, plus or minus a quarterly performance adjustment (the "Performance Adjustment") of up to 1/16 of 1% approximately equivalent to .25% on an annual basis.

The Performance Adjustment is based on the Trust's performance as compared to a benchmark rate of return (the "Target Rate") equal to 5.0 percentage points plus an unweighted, arithmetic average of the rates of return on the Standard & Poor's Industrial Stock Price Index and the Lehman Brothers Intermediate Credit Bond Index (formerly called the Lehman Brothers Intermediate Corporate Bond Index) over a rolling three-year period (the "Measurement Period") comprising the twelve quarters ending on the last day of each quarter (the "Valuation Date"). The Performance Adjustment is equal to 5% of the difference between the Trust's actual rate of return over the Measurement Period and the Target Rate. If the Trust's actual rate of return exceeds the Target Rate, the Base Fee Rate is increased by an amount equal to the Performance Adjustment; if the Trust's actual rate of return is less than the Target Rate, the Base Fee Rate is reduced by the Performance Adjustment. The advisory fee payable by the Trust is equal to the Base Fee Rate (as adjusted by the Performance Adjustment) times the net asset value of the Trust as of the Valuation Date. The Performance Adjustment for the quarter ended March 31, 2003 was:

| | PERFORMANCE ADJUSTMENT | AMOUNT |
|----------------|---------------------------|-----------|
| | ----- | ----- |
| March 31, 2003 | 0.0625% | \$113,048 |

29

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(CONTINUED)

MASSMUTUAL CORPORATE INVESTORS

4. SENIOR SECURED INDEBTEDNESS

A. NOTE PAYABLE

MassMutual holds the Trust's \$20,000,000 Senior Fixed Rate Convertible Note (the "Note") issued by the Trust in 1995. The Note, as amended, is due November 15, 2007 and accrues at 7.39% per annum. MassMutual, at its option, can convert the principal amount of the Note into common shares. The dollar amount of principal would be converted into an equivalent dollar amount of common shares based upon the average price of the common shares for ten business days prior to the notice of conversion. For each of the periods ended March 31, 2003 and 2002, the Trust incurred total interest expense on the Note of \$369,500.

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The Trust may redeem the Note, in whole or in part, at the principal amount proposed to be redeemed together with the accrued and unpaid interest thereon through the redemption date plus the Make Whole Premium. The Make Whole Premium equals the excess of (i) the present value of the scheduled payments of principal and interest which the Trust would have paid but for the proposed redemption, discounted at the rate of interest of U.S. Treasury obligations whose maturity approximates that of the Note plus 0.50% over (ii) the principal of the Notes proposed to be redeemed.

B. REVOLVING CREDIT AGREEMENT

The Trust entered into a Revolving Credit Agreement with Fleet National Bank as of June 29, 2000, in the principal amount of \$25,000,000, maturing on May 31, 2005. The interest rate on the outstanding revolving loan is determined for periods of one, three or six months (as selected by the Trust) and is set at an annual rate equal to LIBOR (London Interbank Offered Rate) plus 0.37%. The Trust also agreed to pay an up-front fee equal to 0.10% on the total commitment. The facility fee is 0.15% per annum of the total commitment.

As of March 31, 2003 and 2002, there were no outstanding loans drawn against the revolving credit facility. For each of the periods ended March 31, 2003 and 2002, the Trust incurred \$9,246 and \$8,836, respectively, in expense related to the undrawn portion.

5. PURCHASES AND SALES OF INVESTMENTS

| | FOR THE THREE MONTHS ENDED 3/31/2003 | FOR THE THREE MONTHS ENDED 3/31/2002 |
|---------------------------------|--|--|
| | ----- | |
| | COST OF INVESTMENTS ACQUIRED | |
| | ----- | |
| Corporate restricted securities | \$ 15,639,034 | \$ 14,918,080 |
| Corporate public securities | 2,082,306 | 8,508,228 |
| Short-term securities | 148,356,274 | 114,258,936 |
| | ----- | |
| | PROCEEDS FROM SALES OR MATURITIES | |
| | ----- | |
| Corporate restricted securities | \$ 19,127,532 | \$ 16,414,862 |
| Corporate public securities | 1,568,693 | 9,404,675 |
| Short-term securities | 145,260,000 | 123,560,732 |

The aggregate cost of investments was the same for financial reporting and federal income tax purposes as of March 31, 2003. The net unrealized depreciation of investments for financial reporting and federal tax purposes as of March 31, 2003 is \$34,686,504 and consists of \$17,372,252 appreciation and \$52,058,756 depreciation.

The aggregate cost of investments was the same for financial reporting and federal income tax purposes as of March 31, 2002. The net unrealized depreciation of investments for financial reporting and federal tax purposes as of March 31, 2002 is \$36,885,623 and consists of \$10,747,414 appreciation and \$47,633,037 depreciation.

30

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6. SUBSEQUENT EVENT

The Annual Meeting of Shareholders was held on Friday, April 11, 2003. The Shareholders were asked to vote (a) to elect Robert E. Joyal as a trustee for a one year term and to re-elect Stuart H. Reese and Martin T. Hart as trustees for a three-year term; (b) to ratify the selection of Deloitte & Touche LLP as auditors for the fiscal year ending December 31, 2003; and (c) to approve the continuance of the Trust's current Investment Services Contract with Babson. The Shareholders approved all of the proposals. The Trust's other trustees (Donald E. Benson, Donald Glickman, Steven A. Kandarian, Jack A. Laughery and Corine T. Norgaard) continue to serve their respective terms following the April 11, 2003 Annual Shareholders Meeting. The results of the Shareholder votes are set forth below.

The results of the votes are as follows:

a. ELECTION OF TRUSTEES:

| TRUSTEE: ----- | SHARES: | | | TOTAL ----- | % OF SHARES VOTED FOR ----- |
|-------------------|------------|-------------------|--|----------------|-----------------------------------|
| | FOR --- | WITHHELD ----- | | | |
| Robert E. Joyal | 6,913,650 | 55,124 | | 6,968,774 | 99.21% |
| Stuart H. Reese | 6,911,340 | 57,434 | | 6,968,774 | 99.18% |
| Martin T. Hart | 6,890,607 | 78,167 | | 6,968,774 | 98.88% |

b. RATIFICATION OF THE SELECTION OF DELOITTE & TOUCHE LLP AS AUDITORS FOR THE FISCAL YEAR ENDING DECEMBER 31, 2003.

| SHARES: | | | TOTAL ----- | % OF SHARES VOTED FOR ----- |
|------------|------------------|--------------------|----------------|-----------------------------------|
| FOR --- | AGAINST ----- | ABSTAINED ----- | | |
| 6,895,124 | 37,086 | 36,564 | 6,968,774 | 98.94% |

c. APPROVAL OF THE CONTINUANCE OF THE TRUST'S INVESTMENT SERVICES CONTRACT WITH DAVID L. BABSON AND COMPANY, INC., DATED JULY 1, 1988.

| SHARES: | | | TOTAL ----- | % OF SHARES VOTED FOR ----- |
|------------|------------------|--------------------|----------------|-----------------------------------|
| FOR --- | AGAINST ----- | ABSTAINED ----- | | |
| 6,730,058 | 167,246 | 71,470 | 6,968,774 | 96.57% |

7. CONTINGENCIES

The Trust, together with other investors including MassMutual, is a plaintiff in two lawsuits in connection with private placement investments made by the Trust in Sharp International Corporation ("Sharp"). Three managing shareholders of Sharp, which is currently being liquidated in Chapter 7 liquidation proceedings, have pleaded guilty to criminal fraud charges. Two separate civil lawsuits were brought in New York state court in an attempt to recover damages for lost investment funds from Sharp's working capital lender and auditors. The lawsuit involving Sharp's working capital lender has been dismissed prior to trial. An appeal of this dismissal is pending. The lawsuit against Sharp's auditor is in its preliminary stages. The Trust is unable to estimate any potential recovery from these lawsuits.

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| | | |
|---------------------|------------------------|--|
| DONALD E. BENSON* | STUART H. REESE | CHAIRMAN |
| DONALD GLICKMAN | ROGER W. CRANDALL | PRESIDENT |
| MARTIN T. HART* | CHARLES C. MCCOBB, JR. | VICE PRESIDENT & CHIEF FINANCIAL OFFICER |
| ROBERT E. JOYAL | | |
| STEVEN A. KANDARIAN | STEPHEN L. KUHN VICE | PRESIDENT & SECRETARY |
| JACK A. LAUGHERY | | |
| CORINE T. NORGAARD* | MICHAEL P. HERMSEN | VICE PRESIDENT |
| STUART H. REESE | MARY WILSON KIBBE | VICE PRESIDENT |
| | MICHAEL L. KLOFAS | VICE PRESIDENT |
| | RICHARD C. MORRISON | VICE PRESIDENT |
| | CLIFFORD M. NOREEN | VICE PRESIDENT |
| | RICHARD E. SPENCER, II | VICE PRESIDENT |
| | MARK B. ACKERMAN | TREASURER |
| | JOHN T. DAVITT, JR. | COMPROLLER |

*MEMBER OF THE AUDIT COMMITTEE

DIVIDEND REINVESTMENT AND SHARE PURCHASE PLAN

MassMutual Corporate Investors offers a Dividend Reinvestment and Share Purchase Plan. The Plan provides a simple way for shareholders to add to their holdings in the Trust through the receipt of dividend shares issued by the Trust or through the reinvestment of cash dividends in Trust shares purchased in the open market. A shareholder may join the Plan by filling out and mailing an authorization card to Shareholder Financial Services, Inc., the Transfer Agent. Participating shareholders will continue to participate until they notify the Transfer Agent, in writing, of their desire to terminate participation. Unless a shareholder elects to participate in the Plan, he or she will, in effect, have elected to receive dividends and distributions in cash.

Participating shareholders may also make additional contributions to the Plan from their own funds. Such contributions may be made by personal check or other means in an amount not less than \$10 nor more than \$5,000 per quarter.

Whenever the Trust declares a dividend payable in cash or shares, the Transfer Agent, acting on behalf of each participating shareholder, will take the dividend in shares only if the net asset value is lower than the market price plus an estimated brokerage commission as of the close of business on the valuation day. The valuation day is the last day preceding the day of dividend payment. When the dividend is to be taken in shares, the number of shares to be received is determined by dividing the cash dividend by the net asset value as of the close of business on the valuation date or, if greater than net asset value, 95% of the closing share price. If the net asset value of the shares is higher than the market value plus an estimated commission, the Transfer Agent, consistent with obtaining the best price and execution, will buy shares on the open market at current prices promptly after the dividend payment date.

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The reinvestment of dividends does not, in any way, relieve participating shareholders of any federal, state or local tax. For federal income tax purposes, the amount reportable in respect of a dividend received in newly-issued shares of the Trust will be the fair market value of the shares received, which will be reportable as ordinary income and/or capital gains.

As compensation for its services, the Transfer Agent receives a fee of 5% of any dividend and cash contribution (in no event in excess of \$2.50 per distribution per shareholder.)

Any questions regarding the Plan should be addressed to Shareholder Financial Services, Inc., Agent for MassMutual Corporate Investors' Dividend Reinvestment and Share Purchase Plan, P.O. Box 173673, Denver CO 80217-3673.