

MASSMUTUAL CORPORATE INVESTORS

Form N-Q

November 24, 2004

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

FORM N-Q

Quarterly Schedule of Portfolio Holdings of
Registered Management Investment Company

Investment Company Act file number 811-02183

MassMutual Corporate Investors

(Exact name of registrant as specified in charter)

1500 Main Street, Suite 600, Springfield, MA 01115

(Address of principal executive offices) (Zip code)

Stephen L. Kuhn, Vice President and Secretary,
1500 Main Street, Suite 2800, Springfield, MA 01115

(Name and address of agent for service)

Registrant's telephone number, including area code: 413-226-1000

Date of fiscal year end: 12/31

Date of reporting period: 09/30/04

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ITEM 1. SCHEDULE OF INVESTMENTS.

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CONSOLIDATED SCHEDULE OF INVESTMENTS

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

| | Shares, Units, Warrants, Ownership or Principal Amount ----- | Acquisition Date ----- |
|---|--|------------------------------|
| CORPORATE RESTRICTED SECURITIES - 82.87%: (A) | | |
| PRIVATE PLACEMENT INVESTMENTS - 72.85% | | |
| A T I ACQUISITION COMPANY | | |
| A for-profit post-secondary school serving students in Texas, Florida and Arizona. | | |
| 12% Senior Subordinated Note due 2012 | \$ 2,125,000 | 04/08/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 2,323 shs. | 04/08/04 |
| A W C HOLDING COMPANY | | |
| A manufacturer and distributor of aluminum and vinyl windows and doors in the Southwest and Southeast regions of the U.S. | | |
| 12% Senior Subordinated Note due 2012 | \$ 2,125,000 | 05/18/04 |
| Limited Partnership Interest (B) | 250 uts. | 05/18/04 |
| 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 | 02/29/00 |
| Warrant, exercisable until 2010, to purchase common stock at \$.02 per share (B) | 364 shs. | 02/29/00 |
| AMERICA'S BODY COMPANY, INC./LCP HOLDING CO. | | |
| A designer and manufacturer of commercial work vehicles. | | |
| 12% Preferred Stock Series C (B) | \$ 395 shs. | 12/16/03 |
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 58 shs. | * |
| AMERICAN HOSPICE MANAGEMENT | | |
| A for-profit hospice care provider in the U.S. | | |
| 12% Senior Subordinated Note due 2010 | \$ 2,125,000 | 01/22/04 |
| Preferred Class A Unit (B) | 2,525 uts. | 01/22/04 |
| Common Class B Unit (B) | 3,042 uts. | 01/22/04 |
| 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 | \$ 115,318 | 04/09/02 |

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| | | |
|---|------------|----------|
| Senior Secured Tranche A Floating Rate Note due 2008 | \$ 899,928 | 04/09/02 |
| 12% Senior Secured Note due 2010 | \$ 721,196 | 04/09/02 |
| Limited Partnership Interest of Riverside Capital Appreciation Fund IV, L.P. (B) | 1.12% int. | 04/09/02 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 1,390 shs. | 04/09/02 |

*11/02/98 and 12/16/03.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (CONTINUED) | Shares, Units, Warrants, Ownership or Principal Amount | Acquisition Date |
|--|---|---------------------|
| BETA BRANDS LTD | | |
| A manufacturer of hard candy and chocolate-coated products sold primarily to the Canadian market. | | |
| 5% Promissory Note due 2009 (B) | \$ 195,498 | 03/31/04 |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 4,895 shs. | 03/31/04 |
| BETTER MINERALS & AGGREGATES | | |
| A producer of high grade industrial and specialty silica sands. | | |
| 14% Redeemable Preferred Stock (B) | 997 shs. | 09/30/99 |
| 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. | 09/30/99 |
| Warrants, exercisable until 2005 and 2010, to purchase common stock at \$.01 per share (B) | 11,399 shs. | * |
| 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 | \$ 996,235 | 09/13/02 |
| 11% Senior Subordinated Note due 2010 | \$ 838,102 | 09/13/02 |
| Common Stock (B) | 316,265 shs. | 09/13/02 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 137,175 shs. | 09/13/02 |
| CAINS FOODS, L.P. | | |
| A producer of mayonnaise and sauce products for both the retail and food service markets. | | |
| Limited Partnership Interest (B) | 117 uts. | 09/29/95 |

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CAPEUCCESS LLC

A provider of diversified staffing services.

| | | |
|------------------------------------|-------------|----------|
| Preferred Membership Interests (B) | 1,882 uts. | 04/29/00 |
| Common Membership Interests (B) | 24,318 uts. | 04/29/00 |

CAPITAL SPECIALTY PLASTICS, INC.

A producer of desiccant strips used for packaging pharmaceuticals products.

| | | |
|------------------|----------|----|
| Common Stock (B) | 109 shs. | ** |
|------------------|----------|----|

CHEMED CORPORATION

An operator in the residential and commercial repairand-maintenance service industry through two wholly owned subsidiaries, Roto-Rooter and Service America.

| | | |
|------------------|-------------|----------|
| Common Stock (B) | 20,000 shs. | 02/24/04 |
|------------------|-------------|----------|

**12/19/96 and 09/30/99.

**12/30/97 and 05/29/99.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

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

COEUR, INC.

A producer of proprietary, disposable power injection syringes.

| | | |
|---|--------------|----------|
| 8.75% Senior Secured Term Note due 2010 | \$ 570,652 | 04/30/03 |
| 11.5% Senior Subordinated Note due 2011 | \$ 424,819 | 04/30/03 |
| Common Stock (B) | 126,812 shs. | 04/30/03 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 87,672 shs. | 04/30/03 |

COINING CORPORATION OF AMERICA LLC

A manufacturer of close tolerance parts and metal stampings.

Senior Secured Floating Rate Revolving Credit

| | | |
|---|--------------|----------|
| Facility due 2006 | \$ 108,025 | 01/07/02 |
| Senior Secured Floating Rate Tranche A Note due 2007 | \$ 1,020,834 | 06/26/01 |
| 13% Senior Secured Tranche B Note due 2006 | \$ 648,148 | 06/26/01 |
| Limited Partnership Interest (B) | 6.38% int. | 06/26/01 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 107,036 shs. | 06/26/01 |

COLIBRI HOLDINGS CORPORATION

A manufacturer and distributor of wild bird feeders and accessories.

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| | | |
|---|--------------|----------|
| 12.5% Senior Subordinated Note due 2008 | \$ 1,593,750 | 09/22/00 |
| 28% Preferred Stock | 71 shs. | 11/02/01 |
| 20% Preferred Stock | 66 shs. | 03/09/04 |
| Common Stock (B) | 1,429 shs. | 09/22/00 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 843 shs. | 09/22/00 |

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) | 324 shs. | * |

DELSTAR HOLDING 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. | 10/05/01 |
| Preferred Stock (B) | 412 shs. | 09/16/04 |

*03/05/99 and 03/24/99.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

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

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 | \$ 461,956 | 07/19/01 |
| Common Stock (B) | 585 shs. | 07/19/01 |
| Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B) | 297 shs. | 07/19/01 |

DIRECTED ELECTRONICS, INC.

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

| | | |
|---|-------------|----------|
| Class B Common Stock (B) | 36,633 shs. | 12/22/99 |
| Limited Partnership Interest (B) | 8.70% int. | 12/22/99 |
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 48,569 shs. | 12/22/99 |

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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 2,784,133 1,392,069 | | |
| Warrants, exercisable until 2011, to purchase common stock of DHI Holdings, Inc. at \$.01 per share (B) | 13,352 shs. | * |

DWYER GROUP, INC.

A franchiser of a variety of home repair services.

| | | |
|--|--------------|----------|
| 14% Senior Subordinated Note due 2011 | \$ 1,859,375 | 10/30/03 |
| Common Stock (B) | 6,906 shs. | ** |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 2,034 shs. | 10/30/03 |

E X C ACQUISITION CORPORATION

A manufacturer of pre-filled syringes and pump systems used for intravenous drug delivery.

| | | |
|--|--------------|----------|
| 15% Senior Subordinated Note due 2012 | \$ 2,125,000 | 06/28/04 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 22 shs. | 06/28/04 |

EAGLE PACK PET FOODS, INC.

A manufacturer of premium pet food sold through independent pet stores.

| | | |
|--|--------------|----------|
| 14% Senior Subordinated Note due 2011 | \$ 1,062,500 | 09/24/04 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 4,085 shs. | 09/24/04 |

*10/24/96 and 08/28/98.

**10/30/03 and 01/02/04.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

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

EAGLE WINDOW & DOOR HOLDING CO.

A manufacturer of wood and aluminum-clad wood windows and doors.

| | | |
|--|--------------|----------|
| 12% Senior Subordinated Note due 2010 | \$ 1,900,000 | 05/06/02 |
| Common Stock (B) | 225 shs. | 05/06/02 |
| Warrant, exercisable until 2010, to purchase | | |

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| | | |
|--|--------------|----------|
| common stock at \$.01 per share (B) | 441 shs. | 05/06/02 |
| EAST RIVER VENTURES I, L.P. | | |
| An acquirer of controlling or substantial interests in other entities. | | |
| Limited Partnership Interest (B) | 0.14% int. | 01/01/01 |
| ENZYMATIC THERAPY, INC. | | |
| A manufacturer and distributor of branded natural medicines and nutritional supplements. | | |
| 13% Senior Subordinated Note due 2005 (B) | \$ 1,593,750 | 09/17/02 |
| Limited Partnership Interest (B) | 1.32% int. | 03/30/00 |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 478 shs. | 03/30/00 |
| EURO-PRO CORPORATION | | |
| A designer, marketer and distributor of floor care, steam cleaning and small kitchen products and appliances. | | |
| 13.25% Senior Subordinated Note due 2011 | \$ 2,125,000 | 09/09/03 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 43,878 shs. | 09/09/03 |
| EVANS CONSOLES, INC. | | |
| A designer and manufacturer of consoles and control center systems. | | |
| 10% Senior Secured Note due 2006 | \$ 602,000 | 05/06/04 |
| Limited Partnership Interest of CM Equity Partners (B) | 2.24% int. | 02/11/98 |
| Common Stock (B) | 90,000 shs. | 05/06/04 |
| 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 | 03/16/99 |
| Limited Partnership Interest (B) | 13.14% int. | 03/02/99 |
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 77,233 shs. | 03/16/99 |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

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

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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 | 03/02/00 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 880 shs. | 03/02/00 |

HAMILTON FUNERAL SERVICES CENTERS, INC.

A privately held owner and operator of funeral homes in the United States.

| | | |
|--|--------------|---|
| 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. | * |

HIGHGATE CAPITAL LLC

An acquirer of controlling or substantial interests in manufacturing and marketing entities.

| | | |
|------------------------------|------------|----------|
| Series A Preferred Units (B) | 1.19% int. | 07/21/94 |
|------------------------------|------------|----------|

HOME DeCOR HOLDING COMPANY

A designer, manufacturer and marketer of framed art and wall decor products.

| | | |
|--|--------------|----|
| 12.5% Senior Subordinated Note due 2012 | \$ 2,043,269 | ** |
| Common Stock (B) | 63 shs. | ** |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 200 shs. | ** |

HUSSEY SEATING CORPORATION

A manufacturer of spectator seating products.

| | | |
|--|--------------|----------|
| Senior Secured Floating Rate Revolving Note due 2006 | \$ 1,343,106 | 06/12/96 |
| Senior Secured Floating Rate Note due 2006 | \$ 433,125 | *** |
| 12% Senior Subordinated Note due 2006 | \$ 1,350,000 | 03/31/03 |
| Common Stock (B) | 4,771 shs. | 03/12/04 |

INTEGRATION TECHNOLOGY SYSTEMS, INC.

A manufacturer of steel protective computer and network systems for the industrial and office environments.

| | | |
|------------------------------------|--------------|----------|
| 16.5% Senior Secured Note due 2006 | \$ 1,603,175 | 03/01/04 |
| Common Stock (B) | 228 shs. | 06/01/00 |

*01/25/99 and 07/16/99.

**06/30/04 and 08/19/04.

***06/12/96 and 08/03/01.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (CONTINUED) | Shares, Units, Warrants, Ownership or Principal Amount ----- | Acquisition Date ----- |
|--|--|------------------------------|
| JASON, INC. | | |
| A diversified manufacturing company serving various industrial markets. | | |
| 13% Senior Subordinated Note due 2008 | \$ 963,687 | 08/04/00 |
| 14% Cumulative Redeemable Preferred Stock Series A (B) | 289 shs. | 08/04/00 |
| Limited Partnership Interest of | | |
| Saw Mill Capital Fund II, L.P. (B) | 2.50% int. | 08/03/00 |
| Warrants, exercisable until 2008 and 2009, to purchase common stock at \$.01 per share (B) | 50,870 shs. | 08/04/00 |
| | | |
| KEEPSAKE QUILTING, INC. | | |
| A seller of quilting fabrics, books, patterns, kits and notions to consumers. | | |
| Senior Secured Floating Rate Revolving Note Due 2005 | \$ 128,425 | 06/16/00 |
| Senior Secured Floating Rate Tranche A Note due 2007 | \$ 729,269 | 06/16/00 |
| 12% Senior Secured Tranche B Note due 2008 | \$ 550,392 | 06/16/00 |
| Limited Partnership Interest of | | |
| Riverside XVI Holding Company, L.P. (B) | 5.29% int. | 06/12/00 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 1,108 shs. | 06/12/00 |
| | | |
| KELE AND ASSOCIATES, INC. | | |
| A distributor of building automation control products. | | |
| 12% Senior Subordinated Note due 2012 | \$ 1,831,548 | 02/27/04 |
| Preferred Stock Class A (B) | 23 shs. | 02/27/04 |
| Common Stock (B) | 12 shs. | 02/27/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 11 shs. | 02/27/04 |
| | | |
| KENAN-ADVANTAGE TRANSPORT COMPANY | | |
| A transporter of light petroleum, petrochemicals, lubricants and residual fuels. | | |
| 12.5% Senior Subordinated Note due 2009 | \$ 1,817,435 | 04/30/01 |
| Preferred Stock (B) | 307 shs. | 04/30/01 |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 269 shs. | 04/30/01 |
| | | |
| LANCASTER LABORATORIES, INC. | | |
| A laboratory testing operation in the United States. | | |
| Common Stock (B) | 455,739 shs. | 09/25/00 |
| | | |
| LIH INVESTORS, L.P. | | |
| A manufacturer and marketer of a broad line of external | | |

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

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

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

| | Shares, Units, Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| CORPORATE RESTRICTED SECURITIES (A) (CONTINUED) | ----- | ----- |
| MAVERICK ACQUISITION COMPANY | | |
| A manufacturer of capsules that cover the cork and neck of wine bottles. | | |
| Senior Secured Floating Rate Revolving Note due 2009 | \$ 13,496 | 09/03/04 |
| Senior Secured Floating Rate Tranche A Note due 2010 | \$ 783,582 | 09/03/04 |
| 12% Senior Secured Tranche B Note due 2011 | \$ 313,433 | 09/03/04 |
| Limited Partnership Interest (B) | 58,769 uts. | 09/03/04 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 425 shs. | 09/03/04 |
| MAXON CORPORATION | | |
| A manufacturer of industrial combustion equipment and related shut-off valves and control valves. | | |
| 12% Senior Subordinated Note due 2012 | \$ 962,215 | 09/30/04 |
| 8.75% Senior Subordinated Note due 2012 | \$ 1,281,112 | 09/30/04 |
| Common Stock (B) | 381,672 shs. | 09/30/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 153,572 shs. | 09/30/04 |
| MEDASSIST, INC. | | |
| A provider of patient eligibility and accounts receivable management services to hospitals and physician practices. | | |
| 12% Senior Subordinated Note due 2011 | \$ 2,125,000 | 05/01/03 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 83,214 shs. | 05/01/03 |
| MOSS, INC. | | |
| A manufacturer and distributor of large display | | |

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and exhibit structures.

| | | |
|---|------------|----------|
| Senior Secured Floating Rate Tranche A Note due 2007 | \$ 951,601 | 09/21/00 |
| 12% Senior Secured Tranche B Note due 2008 | \$ 336,200 | 09/21/00 |
| Limited Partnership Interest of Riverside Capital Appreciation Fund I, L.P. (B) | 7.47% int. | * |
| Warrant, exercisable until 2008, to purchase common stock at \$100 per share (B) | 463 shs. | 09/21/00 |

MUSTANG VENTURES COMPANY

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

| | | |
|---|-------------|----------|
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 16,535 shs. | 12/11/02 |
|---|-------------|----------|

NEFF MOTIVATION, INC.

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

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

* 09/20/00 and 05/23/02.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

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

NONNI'S FOOD COMPANY, INC.

A producer and distributor of premium biscotti and bagel chips in North America.

| | | |
|---|--------------|----------|
| 12.25% Senior Subordinated Note due 2012 | \$ 1,863,462 | 03/29/04 |
| 10% Preferred Stock | 255 shs. | 03/29/04 |
| Common Stock (B) | 6,455 shs. | 03/29/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 8,622 shs. | 03/29/04 |

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 | \$ 414,182 | 06/25/99 |
| Senior Secured Floating Rate Note due 2006 | \$ 2,024,364 | 06/25/99 |
| 12% Senior Secured Tranche B Note due 2007 | \$ 978,814 | 06/25/99 |
| Limited Partnership Interest of Riverside XIII Holding Company L.P. (B) | 3.38% int. | 06/11/99 |
| Warrant, exercisable until 2007, to purchase | | |

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common stock at \$.01 per share (B) 201 shs. 06/25/99

NYLONCRAFT, INC.

A supplier of engineered plastic components for the automotive industry.

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

OLYMPIC SALES, INC.

A boat retailer in Washington state, Oregon, California and British Columbia.

| | | |
|---|----------------|----------|
| 12% Senior Subordinated Note due 2006 | \$ 2,774,000 | 08/07/98 |
| 12% Senior Subordinated Note due 2008 | \$ 307,071 | 02/09/00 |
| Limited Partnership Interest of Riverside VIII, VIII-A and VIII-B Holding Company, L.P. (B) | 1,531,250 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 |

*08/07/98, 02/23/99, 12/22/99 and 02/25/03.

**08/07/98 and 02/09/00.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (CONTINUED) | Shares, Units, Warrants, Ownership or Principal Amount | Acquisition Date |
|--|---|---------------------|
| | ----- | ----- |
| 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 \$.02 per share (B) | 351 shs. | 10/25/02 |

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

A manufacturer of polypropylene twine for the hay bailing marketplace.

| | | |
|--|------------|----------|
| 8% Senior Subordinated Note due 2010 (B) | \$ 499,977 | 09/27/02 |
|--|------------|----------|

PRECISION DYNAMICS, INC.

A manufacturer of custom-designed solenoid valves and controls.

| | | |
|---|------------|----------|
| Senior Secured Floating Rate Revolving Credit Facility due 2004 | \$ 733,500 | 07/22/96 |
|---|------------|----------|

| | | |
|---|------------|----------|
| Senior Secured Floating Rate Term Note due 2004 | \$ 700,900 | 07/22/96 |
|---|------------|----------|

| | | |
|---------------------------------------|------------|----------|
| 12% Senior Secured Term Note due 2004 | \$ 326,000 | 07/22/96 |
|---------------------------------------|------------|----------|

| | | |
|------------------------|----------|----------|
| 8% Preferred Stock (B) | 374 shs. | 07/22/96 |
|------------------------|----------|----------|

| | | |
|------------------|----------|----------|
| Common Stock (B) | 599 shs. | 07/22/96 |
|------------------|----------|----------|

| | | |
|--|----------|----------|
| Warrant, exercisable until 2004, to purchase common stock at \$.01 per share (B) | 322 shs. | 07/22/96 |
|--|----------|----------|

PROCESS CHEMICALS LLC

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

| | | |
|-----------------------------|------------|---|
| Common Membership Interests | 9,863 uts. | * |
|-----------------------------|------------|---|

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. | 08/12/94 |
|--|------------|----------|

| | | |
|------------------|------------|----|
| 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.

| | | |
|---------------------------------------|--------------|----------|
| 18% Senior Subordinated Note due 2007 | \$ 3,639,961 | 09/16/99 |
|---------------------------------------|--------------|----------|

| | | |
|--|--------------|----------|
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 197,040 shs. | 09/16/99 |
|--|--------------|----------|

*07/31/97 and 01/04/99.

**11/14/01 and 08/12/94.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

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

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QUALIS AUTOMOTIVE LLC

A distributor of aftermarket automotive brake and chassis products.

| | | |
|--|--------------|----------|
| 12% Senior Subordinated Note due 2012 | \$ 1,770,834 | 05/28/04 |
| Common Stock (B) | 354,166 shs. | 05/28/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 377,719 shs. | 05/28/04 |

QUALSERV CORPORATION

A provider of foodservice equipment and supplies, to major restaurant chains and their franchisees.

| | | |
|--|--------------|----------|
| 14% Senior Subordinated Note due 2012 | \$ 1,865,854 | 07/09/04 |
| Limited Partnership Interest (B) | 259,146 uts. | 07/09/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 528 shs. | 07/09/04 |

RIVER RANCH FRESH FOODS LLC

A supplier of fresh produce to the retail and foodservice channels.

| | | |
|--|--------------|----------|
| 13% Senior Subordinated Note due 2011 | \$ 1,841,667 | 09/29/04 |
| Limited Partnership Interest (B) | 283,333 uts. | 09/29/04 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 23,715 shs. | 09/29/04 |

ROYAL BATHS MANUFACTURING COMPANY

A manufacturer and distributor of acrylic and cultured marble bathroom products.

| | | |
|--|--------------|----------|
| 12.5% Senior Subordinated Notes due 2011 | \$ 1,062,500 | 11/14/03 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 140 shs. | 11/14/03 |

SAFETY SPEED CUT MANUFACTURING COMPANY, INC.

A manufacturer of vertical panel saws and routers for the wood working industry.

| | | |
|--|--------------|----------|
| Senior Secured Floating Rate Revolving Note due 2006 | \$ 282,663 | 05/01/03 |
| Senior Secured Floating Rate Tranche A Note due 2007 | \$ 1,389,760 | 06/02/99 |
| 12% Senior Secured Tranche B Note Due 2007 | \$ 1,130,652 | 06/02/99 |
| Class B Common Stock (B) | 1,480 shs. | 06/02/99 |

SAVAGE SPORTS HOLDINGS, INC.

A manufacturer of sporting firearms.

| | | |
|--|--------------|----------|
| 12% Senior Subordinated Note due 2012 | \$ 1,583,793 | 09/10/04 |
| Common Stock (B) | 586 shs. | 09/10/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 134 shs. | 09/10/04 |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (CONTINUED) | Shares, Units, Warrants, Ownership or Principal Amount ----- | Acquisition Date ----- |
|--|--|------------------------------|
| SELIG ACQUISITION CORPORATION | | |
| A manufacturer of container sealing materials for bottles used in consumer products. | | |
| 12% Senior Subordinated Note due 2009 | \$ 2,125,000 | 06/13/02 |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 2,011 shs. | 06/13/02 |
| | | |
| SHELTER ACQUISITION, INC. | | |
| A distributor of roofing supplies and products throughout the Midwest. | | |
| 12.5% Senior Subordinated Note due 2008 | \$ 1,517,857 | 08/01/02 |
| Common Stock (B) | 758,929 shs. | * |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 263,444 shs. | 08/01/02 |
| | | |
| SNYDER INDUSTRIES, INC. | | |
| A manufacturer of proprietary rotationally molded polyethylene containers. | | |
| 12.25% Senior Subordinated Note due 2007 | \$ 3,125,000 | 12/06/99 |
| Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B) | 513 shs. | 12/06/99 |
| | | |
| SPECIALTY FOODS GROUP, INC. | | |
| A manufacturer and distributor of branded meat products. | | |
| Limited Partnership Interest of MHD Holdings LLC (B) | 1.43% int. | 08/29/00 |
| | | |
| SPORT COURT INTERNATIONAL, INC. | | |
| A designer and manufacturer of synthetic indoor and outdoor sports flooring and other temporary flooring products. | | |
| Senior Secured Floating Rate Revolving Note due 2009 | \$ 185,750 | 08/12/04 |
| Senior Secured Floating Rate Note due 2009 | \$ 527,171 | 08/12/04 |
| 12% Senior Secured Note due 2012 | \$ 254,282 | 08/12/04 |
| Limited Partnership Interest (B) | 65,830 uts. | 08/12/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 33 shs. | 08/12/04 |
| | | |
| STRATEGIC EQUIPMENT & SUPPLY CORPORATION, INC. | | |
| A provider of kitchen and restaurant design, equipment fabrication and installation services. | | |
| 12% Senior Subordinated Note due 2008 | \$ 3,875,000 | 01/14/00 |

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Warrant, exercisable until 2008, to purchase
common stock at \$.01 per share (B) 106,539 shs. 01/14/00

* 08/01/02 and 01/17/03

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (CONTINUED) | Shares, Units, Warrants, Ownership or Principal Amount | Acquisition Date |
|--|---|---------------------|
| | ----- | ----- |
| SYNVENTIVE EQUITY LLC | | |
| A manufacturer of hot runner systems used in the plastic injection molding process. | | |
| 12% Senior Subordinated Note due 2007 | \$ 1,841,667 | 08/21/03 |
| Limited Partnership Interest (B) | 0.61% int. | 08/20/03 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 86,780 shs. | 08/21/03 |
| 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. | | |
| 13% Senior Subordinated Note due 2009 | \$ 2,712,000 | 02/05/98 |
| Common Stock (B) | 630 shs. | 02/04/98 |
| Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B) | 444 shs. | 02/05/98 |
| 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 common stock at \$1,000 per share (B) | 1,120 shs. | 07/25/96 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 474 shs. | 07/25/96 |
| TINNERMAN-PALNUT ENGINEERED COMPONENTS | | |
| A manufacturer of precision engineered metal and plastic fasteners and assembly components. | | |
| 12.75% Senior Subordinated Note due 2008 | \$ 1,125,000 | 12/06/01 |
| Class B Unit (B) | 100,000 uts. | 12/06/01 |
| Class C Unit (B) | 174,125 uts. | 12/06/01 |

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TOMAH HOLDINGS, INC.

A manufacturer of specialty chemicals.

| | | |
|---------------------------------------|--------------|----------|
| 16% Senior Subordinated Note due 2011 | \$ 1,416,667 | 12/08/03 |
| 16% Preferred Stock Series A (B) | 37 shs. | 12/08/03 |
| Common Stock (B) | 5,269 shs. | 12/08/03 |

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 | \$ 1,579,293 | 01/20/00 |
| 12% Senior Subordinated Note due 2010 | \$ 1,326,500 | 01/20/00 |
| Common Stock (B) | 227,400 shs. | 01/20/00 |
| Warrant, exercisable until 2010, to purchase common stock at \$1 per share (B) | 260,563 shs. | 01/20/00 |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (CONTINUED) | Shares, Units, Warrants, Ownership or Principal Amount | Acquisition Date |
|--|---|---------------------|
| | ----- | ----- |
| TRUSTILE DOORS, INC. | | |
| A manufacturer and distributor of interior doors. | | |
| 12.5% Senior Subordinated Note due 2010 | \$ 1,062,500 | 04/11/03 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 5,781 shs. | 04/11/03 |
| TUBULAR TEXTILE MACHINERY | | |
| A designer, manufacturer, sale and servicer of finishing machinery for the knit and woven segments of the global textile industry. | | |
| 12% Senior Subordinated Note due 2014 | \$ 1,234,551 | 05/28/04 |
| 8.75% Senior Secured Note due 2011 | \$ 716,292 | 05/28/04 |
| Common Stock (B) | 674,157 shs. | 05/28/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$1 per share (B) | 203,912 shs. | 05/28/04 |
| TVI, INC. | | |
| A retailer of used clothing in the United States, Canada and Australia. | | |
| Common Stock (B) | 354,167 shs. | 05/02/00 |

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U S M HOLDINGS CORP.

A provider of facility maintenance services to retail and corporate clients with multiple locations.

| | | |
|--|--------------|----------|
| 12% Senior Subordinated Note due 2011 | \$ 1,789,474 | 08/06/03 |
| Preferred Stock (B) | 3,345 shs. | 08/06/03 |
| Common Stock (B) | 1,032 shs. | 08/06/03 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 949 shs. | 08/06/03 |

U-LINE CORPORATION

A manufacturer of high-end, built-in, undercounter icemaking, wine storage and refrigeration appliances.

| | | |
|--|--------------|----------|
| 12.5% Senior Subordinated Note due 2012 | \$ 1,882,100 | 04/30/04 |
| 10% Jr Subordinated Note due 2012 | \$ 60,700 | 04/30/04 |
| Common Stock (B) | 182 shs. | 04/30/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$1 per share (B) | 230 shs. | 04/30/04 |

VICTORY VENTURES LLC

An acquirer of controlling or substantial interests in other entities.

| | | |
|------------------------------|------------|----------|
| Series A Preferred Units (B) | 0.13% int. | 12/02/96 |
|------------------------------|------------|----------|

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

| | Shares, Units, Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| CORPORATE RESTRICTED SECURITIES (A) (CONTINUED) | ----- | ----- |
| | | |
| VITALITY FOODSERVICE, INC. | | |
| A non-carbonated beverage dispensing company focused on the foodservice industry. | | |
| 13% Senior Subordinated Note due 2011 | \$ 1,887,288 | 09/24/04 |
| Common Stock (B) | 23,771 shs. | 09/24/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 23,787 shs. | 09/24/04 |
| | | |
| VITEX PACKAGING GROUP, INC. | | |
| A manufacturer of specialty packaging, primarily envelopes and tags used on tea bags and medical and food products. | | |
| 12.5% Senior Subordinated Note due 2012 | \$ 1,700,000 | 07/19/04 |
| Limited Partnership Interest Class A (B) | 414,375 uts. | 07/19/04 |
| Limited Partnership Interest Class B (B) | 182,935 uts. | 07/19/04 |

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WALLS INDUSTRIES, INC.

A provider of branded workwear and sporting goods apparel.

| | | |
|---|--------------|----------|
| 10% Senior Subordinated Lien Note due 2009 | \$ 1,043,860 | 07/12/04 |
| 14% Senior Subordinated Note due 2012 | \$ 1,043,859 | 07/12/04 |
| Limited Partnership Interest (B) | 37,281 uts. | 07/12/04 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 4,029 shs. | 07/12/04 |

WASHINGTON INVENTORY SERVICES, INC.

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

| | | |
|---|--------------|----------|
| 12.5% Senior Subordinated Note due 2011 | \$ 1,075,768 | 11/03/00 |
| Senior Preferred Stock (B) | 4,692 shs. | 11/01/00 |
| Class B Common Stock (B) | 8,959 shs. | 11/01/00 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 3,979 shs. | 11/03/00 |

WEASLER HOLDINGS LLC

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

| | | |
|---|------------|----------|
| Limited Partnership Interest (B) | 1.55% int. | 02/03/03 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 256 shs. | 02/04/03 |

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 | \$ 2,520,040 | 11/09/01 |
|---|--------------|----------|

TOTAL PRIVATE PLACEMENT INVESTMENTS

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

| | Interest Rate | Due Date | Shares or Principal Amount | Cost |
|---|------------------|-------------|----------------------------------|-------------|
| CORPORATE RESTRICTED SECURITIES (A) (CONTINUED) | ---- | ---- | ----- | ---- |
| RULE 144A SECURITIES - 10.02%: (A) | | | | |
| BONDS - 9.63% | | | | |
| A E S Corporation | 8.750% | 05/15/13 | \$ 1,025,000 | \$ 1,131,59 |
| A E S Corporation | 9.000 | 05/15/15 | 200,000 | 200,00 |
| Appleton Papers Inc. | 8.125 | 06/15/11 | 300,000 | 300,00 |

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| | | | | |
|---|--------|----------|---------------|--------------|
| Argo Tech Corporation | 9.250 | 06/01/11 | 850,000 | 850,000 |
| BCP Caylux Holding Lux SCA | 9.625 | 06/15/14 | 750,000 | 752,45 |
| Blockbuster, Inc. | 9.000 | 09/01/12 | 350,000 | 350,00 |
| Bombardier Capital, Inc. | 6.300 | 05/01/14 | 1,000,000 | 890,00 |
| Cablevision Systems Corporation | 5.670 | 04/01/09 | 1,000,000 | 1,000,00 |
| Cadmus Communications Corporation | 8.375 | 06/15/14 | 750,000 | 750,00 |
| Calpine Corporation | 8.750 | 07/15/13 | 500,000 | 465,00 |
| Charter Communications Op LLC | 8.000 | 04/30/12 | 250,000 | 249,37 |
| Chesapeake Energy Corporation | 7.000 | 08/15/14 | 325,000 | 325,00 |
| Collins & Aikman Products Co. | 12.875 | 08/24/12 | 300,000 | 289,32 |
| Dana Credit Corporation | 8.375 | 08/15/07 | 500,000 | 500,00 |
| GulfMark Offshore, Inc. | 7.750 | 07/15/14 | 565,000 | 562,59 |
| Imax Corporation | 9.625 | 12/01/10 | 500,000 | 500,00 |
| Interactive Health LLC | 7.250 | 04/01/11 | 900,000 | 732,62 |
| Jostens I H Corporation | 7.625 | 10/01/12 | 1,250,000 | 1,250,00 |
| K 2, Inc. | 7.375 | 07/01/14 | 325,000 | 325,00 |
| Land O'Lakes, Inc. | 9.000 | 12/15/10 | 750,000 | 750,00 |
| M G M Mirage, Inc. | 6.000 | 10/01/09 | 375,000 | 380,59 |
| Metaldyne Corporation | 10.000 | 11/01/13 | 510,000 | 514,06 |
| N R G Energy, Inc. | 8.000 | 12/15/13 | 700,000 | 700,00 |
| North American Energy Partners | 8.750 | 12/01/11 | 400,000 | 400,00 |
| O E D Corp/Diamond Jo Company Guarantee | 8.750 | 04/15/12 | 1,000,000 | 985,96 |
| Pacific Energy Partners | 7.125 | 06/15/14 | 500,000 | 491,27 |
| Pinnacle Foods Holding | 8.250 | 12/01/13 | 450,000 | 450,00 |
| Sheridan Acquisition Corporation | 10.250 | 08/15/11 | 375,000 | 370,00 |
| Siebe PLC | 6.500 | 01/15/10 | 650,000 | 572,00 |
| Stanadyne Corporation | 10.000 | 08/15/14 | 1,500,000 | 1,500,00 |
| Tenet Healthcare Corporation | 9.875 | 07/01/14 | 500,000 | 488,37 |
| Warner Music Group | 7.375 | 04/15/14 | 275,000 | 275,00 |
| Wornick Co. | 10.875 | 07/15/11 | 750,000 | 750,00 |
| | | | ----- | ----- |
| TOTAL BONDS | | | \$ 20,375,000 | 20,050,23 |
| | | | ===== | ----- |
| COMMON STOCK - 0.00% | | | | |
| Jordan Telecom Products (B) | | | 70 | \$ 14,00 |
| | | | | ----- |
| TOTAL COMMON STOCK | | | | 14,00 |
| | | | | ----- |
| CONVERTIBLE BONDS - 0.39% | | | | |
| Cymer, Inc. | 3.500% | 02/15/09 | \$ 850,000 | \$ 850,00 |
| | | | ----- | ----- |
| TOTAL CONVERTIBLE BONDS | | | \$ 850,000 | 850,00 |
| | | | ===== | ----- |
| CONVERTIBLE PREFERRED STOCK - 0.00% | | | | |
| D T Industries, Inc. (B) | | | 20,000 | \$ 1,000,00 |
| | | | | ----- |
| TOTAL CONVERTIBLE PREFERRED | | | | 1,000,00 |
| | | | | ----- |
| WARRANTS - 0.00% | | | | |
| Winsloew Furniture, Inc. (B) | | | 900 | \$ |
| | | | | ----- |
| TOTAL WARRANTS | | | | |
| | | | | ----- |
| TOTAL RULE 144A SECURITIES | | | | 21,914,24 |
| | | | | ----- |
| TOTAL CORPORATE RESTRICTED SECURITIES | | | | \$192,545,06 |
| | | | | ----- |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

| CORPORATE PUBLIC SECURITIES - 23.15%: (A) | Interest Rate ---- | Due Date ---- | Principal Amount ----- | Cost ---- |
|---|--------------------------|---------------------|------------------------------|--------------|
| BONDS - 20.28% | | | | |
| A E P Industries, Inc. | 9.875% | 11/15/07 | \$ 350,000 | \$ 333,37 |
| Activant Solutions Inc | 10.500 | 06/15/11 | 700,000 | 703,73 |
| Aearo Co. | 8.250 | 04/15/12 | 450,000 | 450,00 |
| Alamosa Delaware, Inc. | 11.000 | 07/31/10 | 325,000 | 330,47 |
| Alamosa Delaware, Inc. | 8.500 | 01/31/12 | 400,000 | 400,00 |
| Allied Waste NA | 7.375 | 04/15/14 | 1,000,000 | 975,00 |
| American Media Operation, Inc. | 8.875 | 01/15/11 | 900,000 | 901,71 |
| Bally Total Fitness Holding Corporation | 9.875 | 10/15/07 | 135,000 | 128,92 |
| C S C Holdings, Inc. | 7.625 | 04/01/11 | 500,000 | 502,24 |
| Cenveo Corporation | 7.875 | 12/01/13 | 1,100,000 | 1,100,00 |
| Charter Comm Holdings LLC | 10.000 | 04/01/09 | 1,000,000 | 815,00 |
| Chemed Corporation | 8.750 | 02/24/11 | 1,125,000 | 1,125,00 |
| Cincinnati Bell, Inc. | 8.375 | 01/15/14 | 1,100,000 | 1,007,50 |
| Collins & Aikman Products Co. | 10.750 | 12/31/11 | 700,000 | 722,07 |
| Dana Corporation | 9.000 | 08/15/11 | 500,000 | 526,97 |
| Del Monte Corporation | 8.625 | 12/15/12 | 225,000 | 225,00 |
| Dollar Financial Group | 9.750 | 11/15/11 | 600,000 | 600,00 |
| Dominos, Inc. | 8.250 | 07/01/11 | 292,000 | 289,89 |
| Dynegy Holdings, Inc. | 6.875 | 04/01/11 | 500,000 | 422,50 |
| Esterline Technologies | 7.750 | 06/15/13 | 200,000 | 200,00 |
| Flextronics Intl Ltd | 6.500 | 05/15/13 | 400,000 | 400,00 |
| G F S I, Inc. | 9.625 | 03/01/07 | 750,000 | 673,41 |
| Gencorp, Inc. | 9.500 | 08/15/13 | 400,000 | 400,00 |
| General Nutrition Center | 8.500 | 12/01/10 | 800,000 | 820,53 |
| Goodyear Tire & Rubber Co. | 7.857 | 08/15/11 | 650,000 | 607,75 |
| Great Lakes Dredge & Dock Corporation | 7.750 | 12/15/13 | 750,000 | 679,25 |
| Houghton Mifflin Co. | 9.875 | 02/01/13 | 1,000,000 | 1,056,67 |
| Huntsman LLC | 11.625 | 10/15/10 | 500,000 | 494,07 |
| Intrawest Corporation | 7.500 | 10/15/13 | 500,000 | 500,00 |
| Koppers Inc. | 9.875 | 10/15/13 | 700,000 | 700,00 |
| Leucadia National Corporation | 7.000 | 08/15/13 | 650,000 | 663,80 |
| Lodgenet Entertainment Corp. | 9.500 | 06/15/13 | 425,000 | 425,00 |
| Lyondell Chemical Co. | 9.500 | 12/15/08 | 900,000 | 923,53 |
| M C I, Inc. | 7.735 | 05/01/14 | 1,000,000 | 905,00 |
| M S X International, Inc. | 11.000 | 10/15/07 | 350,000 | 347,00 |
| Majestic Star Casino LLC | 9.500 | 10/15/10 | 500,000 | 500,00 |
| Manitowoc Company, Inc. | 7.125 | 11/01/13 | 200,000 | 200,00 |
| Mediacom LLC/Mediacom Capital | 9.500 | 01/15/13 | 1,150,000 | 1,136,00 |
| Metaldyne Corporation | 11.000 | 06/15/12 | 750,000 | 601,25 |
| Mrs Fields Brands/Finance | 11.500 | 03/15/11 | 750,000 | 713,71 |
| Nalco Company | 7.750 | 11/15/11 | 500,000 | 500,00 |
| National Wine & Spirits, Inc. | 10.125 | 01/15/09 | 500,000 | 485,25 |
| Neff Corporation | 10.250 | 06/01/08 | 170,000 | 168,06 |
| Nextel Communications Corporation | 7.375 | 08/01/15 | 700,000 | 714,23 |
| Numatics, Inc. | 9.625 | 04/01/08 | 550,000 | 539,70 |
| O M Group, Inc. | 9.250 | 12/15/11 | 750,000 | 777,88 |
| Offshore Logistics, Inc. | 6.125 | 06/15/13 | 450,000 | 450,00 |
| Pliant Corporation | 0.000 | 06/15/09 | 875,000 | 743,97 |
| Pliant Corporation | 13.000 | 06/01/10 | 1,000,000 | 936,87 |
| Quintiles Transnational Corporation | 10.000 | 10/01/13 | 500,000 | 500,00 |

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| | | | | |
|----------------------------|--------|----------|---------|---------|
| Rayovac Corporation | 8.500 | 10/01/13 | 200,000 | 200,000 |
| Rent-A-Center, Inc. | 7.500 | 05/01/10 | 400,000 | 400,000 |
| Rent-Way, Inc. | 11.875 | 06/15/10 | 800,000 | 848,340 |
| Rhodia SA | 10.250 | 06/01/10 | 800,000 | 830,160 |
| Rhodia SA | 8.875 | 06/01/11 | 500,000 | 499,660 |
| S P X Corporation | 6.250 | 06/15/11 | 400,000 | 400,000 |
| Sea Containers Ltd. | 10.500 | 05/15/12 | 785,000 | 765,060 |
| Service Corp International | 6.000 | 12/15/05 | 41,000 | 41,230 |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

| CORPORATE PUBLIC SECURITIES: (A) (CONTINUED) | Interest Rate ---- | Due Date ---- | Shares or Principal Amount ----- | Cost ---- |
|--|--------------------------|---------------------|---|--------------|
| Ship Finance Intl Ltd | 8.500% | 12/15/13 | \$ 750,000 | \$ 750,000 |
| Sports Club Co. | 11.375 | 03/15/06 | 150,000 | 145,500 |
| Tekni-Plex, Inc. | 12.750 | 06/15/10 | 1,000,000 | 960,120 |
| Telex Communications, Inc. | 11.500 | 10/15/08 | 500,000 | 500,000 |
| Telex Communications, Inc. | 0.000 | 01/15/09 | 471,915 | 206,820 |
| Tenet Healthcare Corporation | 6.375 | 12/01/11 | 500,000 | 482,500 |
| Tenneco Automotive, Inc. | 10.250 | 07/15/13 | 400,000 | 400,000 |
| Thermadyne LLC | 9.250 | 02/01/14 | 750,000 | 738,750 |
| Triton P C S, Inc. | 8.500 | 06/01/13 | 550,000 | 550,000 |
| United Rentals, Inc. | 7.750 | 11/15/13 | 625,000 | 625,000 |
| United Rentals, Inc. | 7.000 | 02/15/14 | 500,000 | 500,000 |
| Vicorp Restaurants Inc | 10.500 | 04/15/11 | 600,000 | 592,740 |
| Von Hoffman Press, Inc. | 10.250 | 03/15/09 | 200,000 | 209,790 |
| Vought Aircraft Industries | 8.000 | 07/15/11 | 1,000,000 | 1,001,160 |
| Williams Scotsman, Inc. | 9.875 | 06/01/07 | 500,000 | 492,500 |
| Winsloew Furniture, Inc. | 12.750 | 08/15/07 | 455,000 | 444,620 |
| TOTAL BONDS | | | \$ 44,099,915 | 42,906,410 |
| COMMON STOCK - 2.37% | | | | |
| D T Industries, Inc. (B) | | | 178,876 | \$ 1,168,090 |
| E O S International, Inc. (B) | | | 100,000 | 300,000 |
| H C I Direct, Inc. (B) | | | 1,000 | -- |
| PepsiAmericas, Inc. | | | 92,145 | 2,006,360 |
| Rent-Way, Inc. (B) | | | 92,866 | 916,260 |
| Supreme Industries, Inc. | | | 115,722 | 267,320 |
| T G C Industries, Inc. (B) | | | 6,361 | 9,490 |
| Transmontaigne, Inc. (B) | | | 333,326 | 1,109,170 |
| TOTAL COMMON STOCK | | | | 5,776,710 |
| CONVERTIBLE BONDS - 0.50% | | | | |
| Leucadia National Corporation | 3.750% | 04/15/14 | \$ 1,000,000 | \$ 1,000,000 |
| TOTAL CONVERTIBLE BONDS | | | \$ 1,000,000 | 1,000,000 |
| PREFERRED STOCK - 0.00% | | | | |
| Telex Communications, Inc. | | | 17,707 | \$ |

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| | | | | |
|-----------------------------------|--|--|-----|--------------|
| TOTAL PREFERRED STOCK | | | | |
| WARRANTS - 0.00% | | | | |
| Telex Communications, Inc. | | | 698 | \$ |
| TOTAL WARRANTS | | | | |
| TOTAL CORPORATE PUBLIC SECURITIES | | | | \$ 49,683,14 |

| SHORT-TERM SECURITIES: | Interest Rate/Yield | Due Date | Principal Amount | Cost |
|-------------------------------|------------------------|-------------|---------------------|--------------|
| | ----- | ---- | ----- | ---- |
| COMMERCIAL PAPER - 2.25% | | | | |
| Textron Financial Corporation | 1.800% | 10/06/04 | \$ 3,205,000 | \$ 3,204,19 |
| Wisconsin Electric Power Co. | 1.760 | 10/04/04 | 1,590,000 | 1,589,76 |
| TOTAL SHORT-TERM SECURITIES | | | \$ 4,795,000 | \$ 4,793,96 |
| | | | ===== | ----- |
| TOTAL INVESTMENTS | 108.27% | | | \$247,022,17 |
| | | | | ===== |
| Other Assets | 5.32 | | | |
| Liabilities | (13.59) | | | |
| | ----- | | | |
| TOTAL NET ASSETS | 100.00% | | | |
| | ===== | | | |

(A) In each of the convertible note, warrant, convertible preferred and common stock investments, agreed to provide certain registration rights.
(B) Non-income producing security.

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| INDUSTRY CLASSIFICATION: | Fair Value/ Market Value | INDUSTRY CLASSIFICATION:(C |
|----------------------------------|-----------------------------|----------------------------|
| | ----- | |
| AEROSPACE - 1.97% | | BUILDINGS & REAL ESTATE - |
| Argo Tech Corporation | \$ 911,625 | A W C Holding Company |
| Esterline Technologies | 214,000 | Adorn, Inc. |
| Qualis Automotive LLC | 2,123,226 | Eagle Window & Door Holdin |
| Vought Aircraft Industries | 960,000 | Shelter Acquisition, Inc. |
| | ----- | TruStile Doors, Inc. |
| | 4,208,851 | |
| | ----- | |
| AUTOMOBILE - 7.77% | | CARGO TRANSPORT - 2.43% |
| America's Body Company, Inc./LCP | | Kenan-Advantage Transport |
| Holding Co. | 2,625,002 | Ship Finance International |
| Collins & Aikman Products Co. | 976,750 | Tidewater Holdings, Inc. |

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| | | |
|-------------------------------------|------------|-----------------------------|
| Dana Corporation | 603,750 | |
| Gencorp, Inc. | 428,000 | |
| Goodyear Tire & Rubber Co. | 612,625 | |
| Jason, Inc. | 1,573,293 | CHEMICAL, PLASTICS & RUBBER |
| LIH Investors, L.P. | 5,140,331 | Capital Specialty Plastics |
| Metaldyne Corporation | 1,070,550 | Huntsman LLC |
| Nyloncraft, Inc. | 3,095,350 | Koppers Inc. |
| Tenneco Automotive, Inc. | 456,000 | Lyondell Chemical Co. |
| | ----- | O M Group, Inc. |
| | 16,581,651 | Process Chemicals LLC |
| | ----- | Rhodia SA |
| BEVERAGE, DRUG & FOOD - 6.18% | | Tomah Holdings, Inc. |
| Beta Brands Ltd | -- | |
| Cains Foods, L.P. | 194,418 | |
| Del Monte Corporation | 250,312 | |
| Dominos, Inc. | 316,090 | CONSUMER PRODUCTS - 8.07% |
| Eagle Pack Pet Foods, Inc. | 1,059,296 | Appleton Papers, Inc. |
| Land O' Lakes, Inc. | 780,937 | Colibri Holdings Corporati |
| National Wine & Spirit Inc. | 480,000 | Euro-Pro Corporation |
| Nonni's Food Company, Inc. | 2,190,616 | G F S I, Inc. |
| PepsiAmericas, Inc. | 1,759,969 | H C I Direct, Inc. |
| Pinnacle Foods Holdings | 424,125 | K 2, Inc. |
| River Ranch Fresh Foods LLC | 2,114,103 | Maverick Acquisition Compa |
| Specialty Foods Group, Inc. | 93,180 | Neff Motivation, Inc. |
| Vicorp Restaurants, Inc. | 597,000 | Rayovac Corporation |
| Vitality Foodservice, Inc. | 2,118,157 | Royal Baths Manufacturing |
| Wornick Co. | 802,500 | Savage Sports Holdings, In |
| | ----- | The Tranzonic Companies |
| | 13,180,703 | Walls Industries, Inc. |
| | ----- | Winslow Furniture, Inc. |
| BROADCASTING | | |
| & ENTERTAINMENT - 2.47% | | |
| C S C Holdings, Inc. | 526,875 | |
| Cablevision Systems Corporation | 1,040,000 | CONTAINERS, PACKAGING & GL |
| Cenveo Corporation | 1,072,500 | A E P Industries, Inc. |
| Charter Communications Holdings LLC | 810,000 | Paradigm Packaging, Inc. |
| Charter Communications Op LLC | 249,375 | Pliant Corporation |
| Lodgenet Entertainment Corporation | 463,250 | Sea Containers Ltd. |
| Mediacom Communications Corporation | 1,106,875 | Selig Acquisition Corporat |
| | ----- | Snyder Industries, Inc. |
| | 5,268,875 | Tekni-Plex, Inc. |
| | ----- | Vitex Packaging, Inc. |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004
(Unaudited)

INDUSTRY CLASSIFICATION: (CONT.)

Fair Value/
Market Value

INDUSTRY CLASSIFICATION: (C

DISTRIBUTION - 6.27%

Corvest Group, Inc. \$ 3,712,360
G C-Sun Holdings LP 1,293,750

FARMING & AGRICULTURE - 0.
Polymer Technologies, Inc.
Western, Inc.

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| | | |
|--|------------|-----------------------------|
| Kele and Associates, Inc. | 2,321,133 | Protein Genetics, Inc. |
| QualServ Corporation | 2,137,532 | |
| Strategic Equip & Supply Corporation, Inc. | 3,913,750 | |
| | ----- | |
| | 13,378,525 | FINANCIAL SERVICES - 2.33% |
| | ----- | BCP Caylux Holding Lux SCA |
| DIVERSIFIED/CONGLOMERATE, | | Dana Credit Corporation |
| MANUFACTURING - 4.21% | | Dollar Financial Group |
| Activant Solutions Inc | 721,000 | East River Ventures I, L.P |
| Coining of America LLC | 1,937,802 | Highgate Capital LLC |
| Dexter Magnetics Technologies, Inc. | 989,209 | Leucadia National Corporat |
| Evans Consoles, Inc. | 602,000 | Mrs. Fields Brands / Finan |
| Great Lakes Dredge & Dock Corporation | 648,750 | Victory Ventures LLC |
| S P X Corporation | 390,000 | Williams Scotsman, Inc. |
| Tinnerman-Palnut Engineered Components | 1,317,658 | |
| Wicor Americas, Inc. | 2,385,303 | |
| | ----- | |
| | 8,991,722 | HEALTHCARE, EDUCATION |
| | ----- | & CHILDCARE - 4.25% |
| DIVERSIFIED/CONGLOMERATE, | | A T I Acquisition Company |
| SERVICE - 6.85% | | American Hospice Management |
| Allied Waste NA | 962,500 | Interactive Health LLC |
| Bombardier Capital, Inc. | 863,638 | MedAssist, Inc. |
| CapeSuccess LLC | 5,862 | Quintiles Transnational Co |
| Chemed Corporation | 2,273,552 | Tenet Healthcare Corporati |
| Diversco, Inc./DHI Holdings, Inc. | 1,392,069 | |
| Dwyer Group, Inc. | 2,440,293 | |
| Examination Management Services, Inc. | -- | |
| Hamilton Funeral Services Centers, Inc. | 380,271 | HOME & OFFICE FURNISHINGS, |
| Lancaster Laboratories, Inc. | 821,243 | HOUSEWARES, AND DURABLE |
| Moss, Inc. | 1,521,406 | CONSUMER PRODUCTS - 4.04 |
| M S X International, Inc. | 346,500 | Home Decor Holding Company |
| Service Corp International | 42,128 | Hussey Seating Corporation |
| U S M Holdings Corporation | 2,129,057 | Sport Court Int'l, Inc. |
| Washington Inventory Services, Inc. | 1,434,935 | U-Line Corporation |
| | ----- | |
| | 14,613,454 | |
| | ----- | |
| ELECTRONICS - 3.59% | | LEISURE, AMUSEMENT, |
| A E S Corporation | 1,381,187 | ENTERTAINMENT - 2.33% |
| Calpine Corporation | 377,500 | Bally Total Fitness Holdin |
| Directed Electronics, Inc. | 2,143,423 | IMAX Corporation |
| Flextronics International Ltd. | 409,000 | Intrawest Corporation |
| N R G Energy, Inc. | 749,875 | Keepsake Quilting, Inc. |
| Precision Dynamics, Inc. | 2,021,345 | M G M Mirage, Inc. |
| Siebe PLC | 588,250 | Majestic Star Casino LLC |
| | ----- | O E D Corp/Diamond Jo Comp |
| | 7,670,580 | Warner Music Group |
| | ----- | |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2004

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(Unaudited)

| INDUSTRY CLASSIFICATION: (CONT.) | Fair Value/ Market Value ----- | INDUSTRY CLASSIFICATION: (C |
|--|--------------------------------------|-----------------------------|
| MACHINERY - 12.20% | | PUBLISHING/PRINTING - 2.19% |
| Aearo Co. | \$ 459,000 | American Media Operation, |
| C & M Conveyor, Inc. | 2,113,836 | Cadmus Communications Corp |
| D T Industries, Inc. | 537 | Houghton Mifflin Co. |
| Integration Technology Systems, Inc. | 1,666,474 | Jostens I H Corporation |
| Manitowoc Company, Inc. | 211,500 | Sheridan Acquisition Corpo |
| Maxon Corporation | 2,575,894 | Von Hoffman Press, Inc. |
| N P C, Inc. | 3,590,182 | |
| Numatics, Inc. | 495,000 | |
| P W Eagle, Inc. | 1,453,736 | |
| Safety Speed Cut Manufacturing Company, Inc. | 3,271,305 | RETAIL STORES - 5.12% |
| Stanadyne Corporation | 1,560,000 | Blockbuster, Inc. |
| Synventive Equity LLC | 2,162,701 | E O S International, Inc. |
| Thermadyne LLC | 729,375 | General Nutrition Center |
| Tronair, Inc. | 3,060,832 | Neff Corporation |
| Tubular Textile Machinery | 2,600,922 | Olympic Sales, Inc. |
| Weasler Holdings LLC | 97,145 | P H I Holding Company |
| | ----- | Rent-A-Center, Inc. |
| | 26,048,439 | Rent-Way, Inc. |
| | ----- | Sports Club Co. |
| MEDICAL DEVICES/BIOTECH - 2.47% | | TVI, Inc. |
| Bausch & Lomb, Inc. | -- | United Rentals, Inc. |
| Beacon Medical Products, Inc. | 1,975,446 | |
| Coeur, Inc. | 1,134,870 | |
| D H D Healthcare, Inc. | -- | TECHNOLOGY - 0.60% |
| E X C Acquisition Corporation | 2,151,457 | Cymer, Inc. |
| Invitrogen Corporation | -- | Delstar Holding Corporatio |
| | ----- | |
| | 5,261,773 | |
| | ----- | |
| MINING, STEEL, IRON & NON PRECIOUS METALS - 0.05% | | TELECOMMUNICATIONS - 2.24% |
| Better Minerals & Aggregates | 108,991 | Alamosa Delaware, Inc. |
| | ----- | Cincinnati Bell, Inc. |
| OIL AND GAS - 2.99% | | Jordan Telecom Products |
| Centerpoint Energy, Inc. | -- | MCI, Inc. |
| Chesapeake Energy Corporation | 343,688 | Nextel Communications Corp |
| Dynegy Holdings, Inc. | 476,250 | Telex Communications, Inc. |
| GulfMark Offshore, Inc. | 572,063 | Triton P C S, Inc. |
| Mustang Ventures Company | 938,300 | |
| North American Energy Partners | 390,000 | |
| Offshore Logistics, Inc. | 456,750 | |
| Pacific Energy Partners | 541,250 | UTILITIES - 0.25% |
| Supreme Industries, Inc. | 698,961 | Nalco Co. |
| T G C Industries, Inc. | 14,630 | |
| Transmontaigne, Inc. | 1,939,957 | |
| | ----- | Total Investments - 106.02 |
| | 6,371,849 | |
| | ----- | |
| PHARMACEUTICALS - 0.45% | | |
| Enzymatic Therapy, Inc. | 961,568 | |
| | ----- | |

ITEM 2. CONTROLS AND PROCEDURES.

(a) The principal executive officer and principal financial officer of the registrant evaluated the effectiveness of the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940 (the "Act")) as of a date within 90 days of the filing date of this report and based on this evaluation have concluded that such disclosure controls and procedures are effective to provide reasonable assurance that information required to be disclosed by the registrant on Form N-Q is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms.

(b) There has been no change in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the Act) that occurred during the registrant's last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

ITEM 3. EXHIBITS.

Certifications pursuant to Rule 30a-2(a) under the Investment Company Act of 1940 (17CFR 270.30a-2(a)) are attached hereto as an exhibit.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) MassMutual Corporate Investors

By (Signature and Title)* /s/ Roger W. Crandall

Roger W. Crandall, President

Date November 24, 2004

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By (Signature and Title)* /s/ Roger W. Crandall

Roger W. Crandall, President

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Date November 24, 2004

By (Signature and Title)* /s/ Charles C. McCobb, Jr.

Charles C. McCobb, Jr., Vice President and
Chief Financial Officer

Date November 24, 2004

* PRINT THE NAME AND TITLE OF EACH SIGNING OFFICER UNDER HIS OR HER SIGNATURE.