

MASSMUTUAL CORPORATE INVESTORS

Form N-Q

November 26, 2007

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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)

Rodney J. Dillman, 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: 09/30/07

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ITEM 1. SCHEDULE OF INVESTMENTS.

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CONSOLIDATED SCHEDULE OF INVESTMENTS
September 30, 2007
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| CORPORATE RESTRICTED SECURITIES - 73.75%:(A) | Shares, Units, Warrants, Ownership or Principal Amount ----- | Acquisition Date ----- |
|---|--|------------------------------|
| PRIVATE PLACEMENT INVESTMENTS - 66.53% | | |
| 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 \$.02 per share (B) | 2,323 shs. | 04/08/04 |
| Warrant, exercisable until 2012, to purchase preferred stock at \$.01 per share | 63,287 shs. | 03/23/06 |
| AERO HOLDINGS, INC. | | |
| A provider of geospatial services to corporate and government clients. | | |
| 10.5% Senior Secured Term Note due 2014 | \$ 1,627,500 | 03/09/07 |
| 14% Senior Subordinated Note due 2015 | \$ 1,260,000 | 03/09/07 |
| Common Stock (B) | 262,500 shs. | 03/09/07 |
| Warrant, exercisable until 2015, to purchase common stock at \$.01 per share (B) | 66,116 shs. | 03/09/07 |
| AMERICAN HOSPICE MANAGEMENT HOLDING LLC | | |
| A for-profit hospice care provider in the United States. | | |
| 12% Senior Subordinated Note due 2010 | \$ 2,125,000 | 01/22/04 |
| Preferred Class A Unit (B) | 3,223 uts. | * |
| Common Class B Unit (B) | 30,420 uts. | 01/22/04 |
| Common Class D Unit (B) | 6,980 uts. | 09/12/06 |
| ARROW TRU-LINE HOLDINGS, INC. | | |
| A manufacturer of hardware for residential and commercial overhead garage doors in North America. | | |
| 12% Senior Subordinated Note due 2012 | \$ 1,627,660 | 05/18/05 |
| Common Stock (B) | 497 shs. | 05/18/05 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 130 shs. | 05/18/05 |
| AUGUSTA SPORTSWEAR HOLDING CO. | | |
| A manufacturer and distributor of athletic apparel, activewear and team uniforms. | | |
| 12% Senior Subordinated Note due 2012 | \$ 1,686,800 | 12/31/04 |
| Common Stock (B) | 520 shs. | ** |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 137 shs. | 12/31/04 |

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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 |

*01/22/04 and 09/12/06.

**12/31/04, 03/31/05, and 05/02/06.

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
September 30, 2007
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

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

BRAVO SPORTS HOLDING CORPORATION

A designer and marketer of niche branded consumer products including canopies, trampolines, in-line skates, skateboards, and urethane wheels.

| | | |
|--|--------------|----------|
| 12.5% Senior Subordinated Note due 2014 | \$ 2,281,593 | 06/30/06 |
| Preferred Stock Class A (B) | 879 shs. | 06/30/06 |
| Common Stock (B) | 1 sh. | 06/30/06 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 309 shs. | 06/30/06 |

CAPESUCCESS 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 pharmaceutical products.

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

COEUR, INC.

A producer of proprietary, disposable power injection syringes.

| | | |
|--|--------------|----------|
| 8.75% Senior Secured Term Note due 2010 | \$ 355,072 | 04/30/03 |
| 11.5% Senior Subordinated Note due 2011 | \$ 424,818 | 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 |

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CONNECTICUT ELECTRIC, INC.

A supplier and distributor of electrical products sold into the retail and wholesale markets.

| | | |
|--|--------------|----------|
| 12% Senior Subordinated Note due 2014 | \$ 2,393,954 | 01/12/07 |
| Limited Liability Company Unit Class A (B) | 156,046 uts. | 01/12/07 |
| Limited Liability Company Unit Class C (B) | 112,873 uts. | 01/12/07 |

CONNOR SPORT COURT INTERNATIONAL, INC.

A designer and manufacturer of outdoor and indoor synthetic sports flooring and other temporary flooring products.

| | | |
|--|--------------|-----|
| 12% Senior Subordinated Note due 2012 (D) | \$ 2,001,121 | ** |
| Limited Partnership Interest (B) | 7.74% int. | *** |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 174 shs. | ** |

CONSOLIDATED FOUNDRIES HOLDINGS

A manufacturer of engineered cast metal components for the global aerospace and defense industries.

| | | |
|--|--------------|----------|
| 12% Senior Subordinated Note due 2013 | \$ 2,185,714 | 06/15/05 |
| Common Stock (B) | 509 shs. | **** |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 103 shs. | 06/15/05 |

*12/30/97 and 05/29/99.
 **08/12/04 and 01/18/05.
 ***08/12/04 and 01/14/05.
 ****06/15/05 and 05/22/06.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
 September 30, 2007
 (Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| | Shares, Units, Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| CORPORATE RESTRICTED SECURITIES: (A) (Continued) | ----- | ----- |
| COREPHARMA LLC | | |
| A manufacturer of oral dose generic pharmaceuticals targeted at niche applications. | | |
| 12% Senior Subordinated Note due 2013 | \$ 2,550,000 | 08/04/05 |
| Warrant, exercisable until 2013, to purchase common stock at \$.001 per share (B) | 20 shs. | 08/04/05 |

DAVIS-STANDARD LLC

A manufacturer, assembler, and installer of a broad range of capital equipment that is used in the extrusion,

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| | | |
|---|--------------|----------|
| conversion, and processing of plastic materials. | | |
| 12% Senior Subordinated Note due 2014 | \$ 1,847,826 | 10/30/06 |
| Limited Partnership Interest (B) | 702,174 uts. | 10/30/06 |
| Warrant, exercisable until 2014, to purchase preferred stock at \$.01 per share (B) | 50 shs. | 10/30/06 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 34 shs. | 10/30/06 |

DIRECTED ELECTRONICS, INC.

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

| | | |
|------------------|--------------|---|
| Common Stock (B) | 368,560 shs. | * |
|------------------|--------------|---|

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. | 08/27/98 |
| 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. | ** |

DUNCAN SYSTEMS, INC.

A distributor of windshields and side glass for the recreational vehicle market.

| | | |
|--|--------------|----------|
| 10% Senior Secured Term Note due 2013 | \$ 540,000 | 11/01/06 |
| 13% Senior Subordinated Note due 2014 | \$ 855,000 | 11/01/06 |
| Common Stock (B) | 180,000 shs. | 11/01/06 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 56,514 shs. | 11/01/06 |

DWYER GROUP, INC.

A franchiser of a variety of home repair services.

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

| | | |
|--|---------|----------|
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 22 shs. | 06/28/04 |
|--|---------|----------|

*12/19/05 and 06/17/06.

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

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

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September 30, 2007

(Unaudited)

| CORPORATE RESTRICTED SECURITIES: (A) (Continued) | Shares, Units, Warrants, Ownership or Principal Amount ----- | Acquisition Date ----- |
|--|--|------------------------------|
| | | |
| EAGLE PACK PET FOODS, INC. | | |
| A manufacturer of premium pet food sold through independent pet stores. | | |
| 12% Senior Subordinated Note due 2011 | \$ 1,517,857 | * |
| Warrant, exercisable until 2011, to purchase common stock at \$.02 per share (B) | 4,085 shs. | 09/24/04 |
| | | |
| ELECTRA BICYCLE COMPANY, INC. | | |
| A designer and marketer of branded leisure bicycles. | | |
| 10.5% Senior Secured Term Note A due 2009 | \$ 255,061 | 04/12/07 |
| 10.5% Senior Secured Term Note B due 2012 | \$ 746,052 | 04/12/07 |
| 12% Senior Secured Term Note C due 2012 | \$ 510,121 | 04/12/07 |
| Limited Liability Company Unit Series F | 64,597 uts. | 04/12/07 |
| Limited Liability Company Unit Series G (B) | 4,990 uts. | 04/12/07 |
| | | |
| ENZYMATIC THERAPY, INC. | | |
| A manufacturer and distributor of branded natural medicines and nutritional supplements. | | |
| Limited Partnership Interest (B) | 1.32% int. | 03/30/00 |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 29,117 shs. | 03/30/00 |
| | | |
| Evans Consoles, Inc. | | |
| A designer and manufacturer of consoles and control center systems. | | |
| Common Stock | 90,000 shs. | 05/06/04 |
| | | |
| F H S HOLDINGS LLC | | |
| A national provider of customized disease management services to large self-insured employers. | | |
| 12% Senior Subordinated Note due 2014 | \$ 2,390,625 | 06/01/06 |
| Preferred Unit (B) | 158 uts. | 06/01/06 |
| Common Unit (B) | 1,594 uts. | 06/01/06 |
| Common Unit Class B (B) | 1,386 uts. | 06/01/06 |
| | | |
| FLUTES, INC. | | |
| An independent manufacturer of micro fluted corrugated sheet material for the food and consumer products packaging industries. | | |
| 10% Senior Secured Term Note due 2013 | \$ 918,385 | 04/13/06 |
| 14% Senior Subordinated Note due 2014 | \$ 555,059 | 04/13/06 |
| Common Stock (B) | 109,436 shs. | 04/13/06 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 30,940 shs. | 04/13/06 |

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FOWLER HOLDING, INC.

A provider of site development services to residential homebuilders and developers in the Raleigh/Durham region of North Carolina.

| | | |
|--|--------------|----------|
| 12% Senior Subordinated Note due 2013 | \$ 2,365,217 | 02/03/06 |
| Common Stock (B) | 185 shs. | 02/03/06 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 254 shs. | 02/03/06 |

*09/24/04 and 04/20/06.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
September 30, 2007
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| CORPORATE RESTRICTED SECURITIES: (A) (Continued) | Shares, Units, Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| | ----- | ----- |
| FUEL SYSTEMS HOLDING CORPORATION | | |
| An independent North American supplier of fuel tanks for a wide variety of commercial vehicles. | | |
| 12% Senior Subordinated Note due 2014 | \$ 2,337,500 | 01/31/06 |
| Common Stock (B) | 212,500 shs. | 01/31/06 |
| Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B) | 138,408 shs. | 01/31/06 |
| H M HOLDING COMPANY | | |
| A designer, manufacturer, and importer of promotional and wood furniture. | | |
| 12% Senior Subordinated Note due 2013 | \$ 2,210,000 | 02/10/06 |
| Preferred Stock (B) | 20 shs. | 09/18/07 |
| Common Stock (B) | 340 shs. | 02/10/06 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 126 shs. | 02/10/06 |
| 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 \$.02 per share (B) | 200 shs. | * |

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INSURANCE CLAIMS MANAGEMENT, INC.

A third party administrator providing auto and property claim administration services for insurance companies.

| | | |
|--|---------|----------|
| Common Stock | 69 shs. | 02/27/07 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share | 20 shs. | 02/27/07 |

INTEGRATION TECHNOLOGY SYSTEMS, INC.

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

| | | |
|--------------------------------------|--------------|----------|
| 12% Senior Secured Note due 2008 (D) | \$ 1,644,444 | 03/01/04 |
| Common Stock (B) | 228 shs. | 06/01/00 |

JASON, INC.

A diversified manufacturing company serving various industrial markets.

| | | |
|--|-------------|----------|
| 13% Senior Subordinated Note due 2008 | \$ 963,687 | 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 |

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

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
September 30, 2007
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| CORPORATE RESTRICTED SECURITIES: (A) (Continued) | Shares, Units, Warrants, Ownership or Principal Amount ----- | Acquisition Date ----- |
|--|--|------------------------------|
| JUSTRITE MANUFACTURING ACQUISITION CO. | | |
| A manufacturer of safety products such as storage cabinets and containers. | | |
| 12% Senior Subordinated Note due 2011 | \$ 1,593,750 | 12/15/04 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 1,121 shs. | 12/15/04 |
| K N B HOLDINGS CORPORATION | | |
| A designer, manufacturer and marketer of products for the custom framing market. | | |
| 13.5% Senior Subordinated Note due 2013 | \$ 2,455,910 | 05/25/06 |
| Common Stock (B) | 134,210 shs. | 05/25/06 |
| Warrant, exercisable until 2013, to purchase | | |

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common stock at \$.01 per share (B) 82,357 shs. 05/25/06

K W P I HOLDINGS CORPORATION

A manufacturer and distributor of vinyl windows and patio doors throughout the northwestern United States.

| | | |
|--|--------------|----------|
| 12% Senior Subordinated Note due 2014 | \$ 2,318,000 | 03/14/07 |
| Common Stock (B) | 232 shs. | 03/13/07 |
| Warrant, exercisable until 2017, to purchase common stock at \$.01 per share (B) | 167 shs. | 03/14/07 |

KEEPSAKE QUILTING, INC.

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

| | | |
|--|------------|----------|
| 9.17% Senior Secured Revolving Note due 2008 (C) | \$ 238,503 | 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 |
| Common Stock | 12 shs. | 02/27/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.02 per share | 11 shs. | 02/27/04 |

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 2008 (D) | \$ 3,845,000 | * |
| Common Stock (B) | 5,800 shs. | * |
| Warrant, exercisable until 2008, to purchase common stock at \$.11 per share (B) | 15,572 shs. | * |

*12/23/98 and 01/28/99.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
September 30, 2007
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

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

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MAGNATECH INTERNATIONAL, INC.

A supplier of process equipment and related parts used in the manufacturing of medium and high-pressure reinforced hoses.

| | | |
|--|--------------|----------|
| 12% Senior Subordinated Note due 2014 | \$ 1,168,750 | 04/05/06 |
| 13% Preferred Stock (B) | 565 shs. | 04/05/06 |
| Common Stock (B) | 125 shs. | 04/05/06 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 13 shs. | 04/05/06 |

MAIL COMMUNICATIONS GROUP, INC.

A provider of mail processing and handling services, lettershop services, and commercial printing services.

| | | |
|--|-------------|----------|
| 12.5% Senior Subordinated Note due 2014 | \$ 975,000 | 05/04/07 |
| Limited Liability Company Unit (B) | 23,000 uts. | 05/04/07 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 3,375 shs. | 05/04/07 |

MAVERICK ACQUISITION COMPANY

A manufacturer of capsules that cover the cork and neck of wine bottles.

| | | |
|--|------------|----------|
| 9.86% Senior Secured Tranche A Note due 2010 (C) | \$ 571,644 | 09/03/04 |
| 12% Senior Secured Tranche B Note due 2011 | \$ 313,433 | 09/03/04 |
| Limited Partnership Interest (B) | 7.84% int. | 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 | \$ 1,155,562 | 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 |

MICROGROUP, INC.

A manufacturer of precision parts and assemblies, and a value-added supplier of metal tubing and bars.

| | | |
|--|--------------|---|
| 12% Senior Subordinated Note due 2013 | \$ 2,685,614 | * |
| Common Stock (B) | 450 shs. | * |
| Warrant, exercisable until 2013, to purchase common stock at \$.02 per share (B) | 164 shs. | * |

MOMENTUM HOLDING CO.

A designer and supplier of upholstery fabric to commercial furniture manufacturers and architectural and design firms.

| | | |
|--|--------------|----------|
| 12% Senior Subordinated Note due 2014 | \$ 1,168,847 | 08/04/06 |
| Limited Partnership Interest (B) | 106,153 uts. | 08/04/06 |
| Warrant, exercisable until 2014, to purchase common stock at \$.02 per share (B) | 1,107 shs. | 08/04/06 |

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*08/12/05 and 09/11/06.

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
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MASSMUTUAL CORPORATE INVESTORS

| CORPORATE RESTRICTED SECURITIES: (A) (Continued) | Shares, Units, Warrants, Ownership or Principal Amount ----- | Acquisition Date ----- |
|--|--|------------------------------|
| MONESSEN HOLDING CORPORATION | | |
| A designer and manufacturer of a broad line of gas, wood, and electric hearth products and accessories. | | |
| 12% Senior Subordinated Note due 2014 | \$ 2,550,000 | 03/31/06 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 152 shs. | 03/31/06 |
| MORTON INDUSTRIAL GROUP, INC. | | |
| A manufacturer of highly engineered metal fabricated components. | | |
| 12% Senior Subordinated Note due 2014 | \$ 2,440,909 | 08/25/06 |
| Common Stock (B) | 109,091 shs. | 08/25/06 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 173,633 shs. | 08/25/06 |
| MOSS, INC. | | |
| A manufacturer and distributor of large display and exhibit structures. | | |
| Limited Partnership Interest of Riverside Capital Appreciation Fund I, L.P. (B) | 33.59% int. | * |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 214 shs. | 12/21/05 |
| NABCO, INC. | | |
| A producer of explosive containment vessels in the United States. | | |
| 12% Senior Subordinated Note due 2014 | \$ 665,625 | 02/24/06 |
| Limited Liability Company Unit (B) | 825 uts. | ** |
| Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B) | 48 shs. | 02/24/06 |
| NAVIS GLOBAL | | |
| A designer, manufacturer, seller 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 |

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| | | |
|---|--------------|----------|
| 8.75% Senior Secured Note due 2011 | \$ 644,663 | 05/28/04 |
| Common Stock (B) | 674,157 shs. | 05/28/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 203,912 shs. | 05/28/04 |

NESCO HOLDINGS CORPORATION

A sales and leasing company that provides equipment to the electric utility, telecommunications, and various other industries.

| | | |
|---|--------------|----------|
| 12% Senior Subordinated Note due 2015 | \$ 2,125,000 | 08/02/07 |
| Common Stock (B) | 425,000 shs. | 08/02/07 |
| Warrant, exercisable until 2015, to purchase common stock at \$.01 per share (B) | 119,360 shs. | 08/02/07 |

*09/20/00, 05/23/02 and 02/21/07.

**02/24/06 and 06/22/07.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
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| | Shares, Units, Warrants, Ownership or Principal Amount | Acquisition Date |
|--|---|---------------------|
| CORPORATE RESTRICTED SECURITIES: (A) (Continued) | ----- | ----- |

NETSHAPE TECHNOLOGIES, INC.

A manufacturer of powder metal and metal injection molded precision components used in industrial, consumer, and other applications.

| | | |
|---|--------------|----------|
| 12% Senior Subordinated Note due 2014 | \$ 1,530,000 | 02/02/07 |
| Limited Partnership Interest of Saw Mill PCG Partners LLC (B) | 1,020 uts. | 02/01/07 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 91 shs. | 02/02/07 |

NONNI'S FOOD COMPANY

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 (B) | 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 |

NYLONCRAFT, INC.

A supplier of engineered plastic components for the automotive industry.

| | | |
|---------------------------------|------------|----------|
| 9% Senior Secured Note due 2009 | \$ 812,500 | 01/28/02 |
|---------------------------------|------------|----------|

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| | | |
|---|--------------|----------|
| 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 |

O R S NASCO HOLDING, INC.

A wholesale distributor of industrial supplies in North America.

| | | |
|---|--------------|----------|
| 13% Senior Subordinated Note due 2013 | \$ 2,372,732 | 12/20/05 |
| Common Stock (B) | 177,268 shs. | 12/20/05 |
| Warrant, exercisable until 2015, to purchase common stock at \$.01 per share (B) | 99,771 shs. | 12/20/05 |

OAKRIVER TECHNOLOGY, INC.

Designs, engineers and assembles high precision automated process equipment for the medical device industry, with a focus on defibrillators and stents.

| | | |
|---|--------------|----------|
| 10% Senior Secured Note due 2012 | \$ 565,452 | 01/03/06 |
| 13% Senior Subordinated Note due 2013 | \$ 687,241 | 01/03/06 |
| Common Stock (B) | 322,307 shs. | 01/03/06 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 75,378 shs. | 01/03/06 |

OLYMPIC SALES, INC.

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

| | | |
|---|--------------|----------|
| 12% Senior Subordinated Note due 2008 | \$ 1,022,000 | 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. | 20.57% int. | * |
| Warrants, exercisable until 2007 and 2008, to purchase common stock at \$.01 per share (B) | 28,648 shs. | ** |

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

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

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
September 30, 2007
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

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

ONTARIO DRIVE & GEAR LTD.

A manufacturer of all-wheel drive, off-road amphibious vehicles and related accessories.

| | | |
|---------------------------------------|--------------|----------|
| 13% Senior Subordinated Note due 2013 | \$ 1,977,885 | 01/17/06 |
|---------------------------------------|--------------|----------|

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| | | |
|--|----------------|----------|
| Limited Liability Company Unit (B) | 3,667 uts. | 01/17/06 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 619 shs. | 01/17/06 |
| OVERTON'S HOLDING COMPANY | | |
| A marketer of marine and water sports accessories in the United States. | | |
| 12% Senior Subordinated Note due 2014 | \$ 1,817,308 | 04/28/06 |
| Common Stock (B) | 95 shs. | 04/28/06 |
| Warrant, exercisable until 2014, to purchase common stock at \$.02 per share (B) | 94 shs. | 04/28/06 |
| P A S HOLDCO LLC | | |
| An independent provider of maintenance, repair and overhaul services to the aerospace gas turbine engine and airframe markets. | | |
| 14% Senior Subordinated Note due 2014 | \$ 2,211,163 | 07/03/06 |
| Preferred Unit (B) | 382 uts. | 07/03/06 |
| Preferred Unit (B) | 69 uts. | 07/03/06 |
| Common Unit Class I (B) | 148 uts. | 07/03/06 |
| Common Unit Class L (B) | 31 uts. | 07/03/06 |
| P I I HOLDING CORPORATION | | |
| A manufacturer of plastic film and bags for the general industrial, medical, and food industries. | | |
| 12% Senior Subordinated Note due 2013 | \$ 2,295,000 | 03/31/06 |
| Preferred Stock (B) | 36 shs. | 03/31/06 |
| Common Stock (B) | 23 shs. | 03/31/06 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 13 shs. | 03/31/06 |
| PACIFIC CONSOLIDATED HOLDINGS LLC | | |
| A manufacturer of rugged, mobile liquid and gaseous oxygen and nitrogen generating systems used in the global defense, oil & gas, and medical sectors. | | |
| 12% Senior Subordinated Note due 2012 | \$ 1,304,624 | 04/27/07 |
| Limited Liability Company Unit (B) | 1,754,707 uts. | 04/27/07 |
| 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 |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
September 30, 2007
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| CORPORATE RESTRICTED SECURITIES: (A) (Continued) | Shares, Units, Warrants, Ownership or Principal Amount ----- | Acquisition Date ----- |
|---|--|------------------------------|
| | | |
| POSTLE ALUMINUM COMPANY LLC | | |
| A manufacturer and distributor of aluminum extruded products. | | |
| 12% Senior Subordinated Note due 2014 | \$ 2,040,000 | 10/02/06 |
| Limited Liability Company Unit (B) | 1,384 uts. | 10/02/06 |
| Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B) | 344 shs. | 10/02/06 |
| | | |
| 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. | * |
| | | |
| QUALIS AUTOMOTIVE LLC | | |
| A distributor of aftermarket automotive brake and chassis products. | | |
| 12% Senior Subordinated Note due 2012 | \$ 1,770,833 | 05/28/04 |
| Common Stock | 354,166 shs. | 05/28/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share | 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 (D) | \$ 1,893,563 | 07/09/04 |
| Limited Partnership Interest (B) | 9.26% int. | 07/09/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 528 shs. | 07/09/04 |
| | | |
| R A J MANUFACTURING HOLDINGS LLC | | |
| A designer and manufacturer of women's swimwear sold under a variety of licensed brand names. | | |
| 12.5% Senior Subordinated Note due 2014 | \$ 2,267,190 | 12/15/06 |
| Limited Liability Company Unit (B) | 2,828 uts. | 12/15/06 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 3 shs. | 12/15/06 |
| | | |
| RADIAC ABRASIVES, INC. | | |

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A manufacturer of bonded abrasive and super abrasive grinding wheels in the United States.

| | | |
|--|--------------|----------|
| 12% Senior Subordinated Note due 2014 | \$ 2,260,638 | 02/10/06 |
| Common Stock (B) | 289,362 shs. | 02/10/06 |
| Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B) | 131,555 shs. | 02/10/06 |

RIVER RANCH FRESH FOODS LLC

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

| | | |
|--|--------------|----------|
| 13% Senior Subordinated Note due 2011 (D) | \$ 1,841,667 | 09/29/04 |
| Limited Liability Company Unit (B) | 470,176 uts. | ** |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 23,575 shs. | 09/29/04 |

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

**09/29/04, 06/04/07 and 06/14/07.

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
September 30, 2007
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| | Shares, Units, Warrants, Ownership or Principal Amount | Acquisition Date |
|--|---|---------------------|
| CORPORATE RESTRICTED SECURITIES: (A) (Continued) | ----- | ----- |
| 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. | | |
| Class B Common Stock (B) | 1,480 shs. | 06/02/99 |
| SAVAGE SPORTS HOLDING, INC. | | |
| A manufacturer of sporting firearms. | | |
| 12% Senior Subordinated Note due 2012 | \$ 1,538,793 | 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 |
| SMART SOURCE HOLDINGS LLC | | |
| A short-term computer rental company. | | |
| 12% Senior Subordinated Note due 2015 | \$ 1,961,538 | 08/31/07 |

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| | | |
|--|--------------|----------|
| Limited Liability Company Unit (B) | 588 uts. | 08/31/07 |
| Warrant, exercisable until 2015, to purchase common stock at \$.01 per share (B) | 144 shs. | 08/31/07 |
| SPECIALTY FOODS GROUP, INC. | | |
| A manufacturer and distributor of branded meat products. | | |
| Limited Partnership Interest of MHD Holdings LLC | 1.43% int. | 08/29/00 |
| STANTON CARPET HOLDING CO. | | |
| A designer and marketer of high and mid-priced decorative carpets and rugs. | | |
| 12.13% Senior Subordinated Note due 2014 | \$ 2,239,024 | 08/01/06 |
| Common Stock (B) | 311 shs. | 08/01/06 |
| Warrant, exercisable until 2014, to purchase common stock at \$.02 per share (B) | 104 shs. | 08/01/06 |
| STRATEGIC EQUIPMENT & SUPPLY CORPORATION, INC. | | |
| A provider of kitchen and restaurant design, equipment fabrication and installation services. | | |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 106,539 shs. | 01/14/00 |
| SYNVENTIVE EQUITY LLC | | |
| A manufacturer of hot runner systems used in the plastic injection molding process. | | |
| Limited Liability Company Unit (B) | 1.99% int. | 08/20/03 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 86,780 shs. | 08/21/03 |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
September 30, 2007
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| CORPORATE RESTRICTED SECURITIES: (A) (Continued) | Shares, Units, Warrants, Ownership or Principal Amount | Acquisition Date |
|---|---|---------------------|
| | ----- | ----- |
| TANGENT RAIL CORPORATION | | |
| A manufacturer of rail ties and provides specialty services to the North American railroad industry. | | |
| 13% Senior Subordinated Note due 2013 | \$ 2,217,385 | 10/14/05 |
| Common Stock (B) | 2,203 shs. | 10/14/05 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 1,167 shs. | 10/14/05 |

TERRA RENEWAL SERVICES, INC.

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A provider of wastewater residual management and required environmental reporting, permitting, nutrient management planning and record keeping to companies involved in poultry and food processing.

| | | |
|---|--------------|----------|
| 8.61% Senior Secured Tranche B Note due 2012 (C) | \$ 1,450,043 | * |
| 10.5% Senior Secured Tranche B Note due 2012 (C) | \$ 75,342 | * |
| 12% Senior Subordinated Note due 2014 | \$ 1,162,110 | ** |
| Limited Partnership Interest of Saw Mill Capital Fund V, L.P. | 2.30% int. | 03/01/05 |
| Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B) | 72 shs. | 04/28/06 |

TOTAL EQUIPMENT & SERVICE, INC.

A manufacturer of a wide variety of equipment used in the oil and gas industry.

| | | |
|--|--------------|----------|
| 10.5% Senior Secured Term Note due 2013 | \$ 851,351 | 03/02/07 |
| 13% Senior Subordinated Note due 2014 | \$ 598,450 | 03/02/07 |
| Common Stock (B) | 125,199 shs. | 03/02/07 |
| Warrant, exercisable until 2014 to purchase common stock at \$.01 per share (B) | 34,533 shs. | 03/02/07 |

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 2009, to purchase common stock at \$.01 per share (B) | 444 shs. | 02/05/98 |

TRANSTAR HOLDING COMPANY

A distributor of aftermarket automotive transmission parts.

| | | |
|---|--------------|----------|
| 12% Senior Subordinated Note due 2013 | \$ 1,734,000 | 08/31/05 |
| Common Stock (B) | 1,078 shs. | *** |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 86 shs. | 08/31/05 |

*04/28/06 and 12/21/06.

**04/28/06 and 09/13/06.

***08/31/05 and 04/30/07.

CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
September 30, 2007
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

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

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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 | \$ 395,108 | 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 |

TRUCK BODIES & EQUIPMENT INTERNATIONAL

A designer and manufacturer of accessories for heavy and medium duty trucks, primarily dump bodies, hoists, various forms of flat-bed bodies, landscape bodies and other accessories.

| | | |
|--|--------------|---|
| 12% Senior Subordinated Note due 2013 | \$ 2,309,541 | * |
| Common Stock (B) | 742 shs. | * |
| Warrant, exercisable until 2013, to purchase common stock at \$.02 per share (B) | 153 shs. | * |

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 |

U-LINE CORPORATION

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

| | | |
|--|--------------|----------|
| 12.5% Senior Subordinated Note due 2012 | \$ 1,882,100 | 04/30/04 |
| Common Stock (B) | 182 shs. | 04/30/04 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 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 | 0.15% int. | 12/02/96 |
|--------------------------|------------|----------|

VISIONEERING, INC.

A designer and manufacturer of tooling and fixtures for the aerospace industry.

| | | |
|--|--------------|----------|
| 10.5% Senior Secured Term Loan due 2013 | \$ 802,941 | 05/17/07 |
| 13% Senior Subordinated Note due 2014 | \$ 648,530 | 05/17/07 |
| Common Stock (B) | 123,529 shs. | 05/17/07 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 35,006 shs. | 05/17/07 |

*07/19/05 and 12/22/05.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (Cont.)
September 30, 2007
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MASSMUTUAL CORPORATE INVESTORS

| CORPORATE RESTRICTED SECURITIES: (A) (Continued) | Shares, Units, Warrants, Ownership or Principal Amount ----- | Acquisition Date ----- |
|--|--|------------------------------|
| VITALITY FOODSERVICE, INC. | | |
| A non-carbonated beverage dispensing company focused on the foodservice industry. | | |
| 15% Senior Subordinated Note due 2011 | \$ 2,107,669 | 09/24/04 |
| Common Stock (B) | 26,456 shs. | * |
| Warrant, exercisable until 2011, 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. | | |
| 12.5% Senior Subordinated Note due 2012 | \$ 1,700,000 | 07/19/04 |
| Limited Liability Company Unit Class A (B) | 1.75% int. | 07/19/04 |
| Limited Liability Company Unit Class B (B) | 0.77% int. | 07/19/04 |
| WALLS INDUSTRIES, INC. | | |
| A provider of branded workwear and sporting goods apparel. | | |
| Limited Partnership Interest | 0.40% int. | 07/12/04 |
| WELLBORN FOREST HOLDING CO. | | |
| A manufacturer of semi-custom kitchen and bath cabinetry. | | |
| 12.13% Senior Subordinated Note due 2014 | \$ 1,721,250 | 11/30/06 |
| Common Stock (B) | 191 shs. | 11/30/06 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 95 shs. | 11/30/06 |
| WORKPLACE MEDIA HOLDING CO. | | |
| A direct marketer specializing in providing advertisers with access to consumers in the workplace. | | |
| 13% Senior Subordinated Note due 2015 | \$ 1,159,196 | 05/14/07 |
| Limited Partnership Interests (B) | 115,804 uts. | 05/14/07 |
| Warrant, exercisable until 2015, to purchase common stock at \$.01 per share (B) | 88 shs. | 05/14/07 |
| Total Private Placement Investments | | |

*09/24/04 and 12/22/06.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)
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MASSMUTUAL CORPORATE INVESTORS

| CORPORATE RESTRICTED SECURITIES: (A) (Continued) | Interest Rate | Due Date | Shares or Principal Amount | Cost |
|--|------------------|-------------|----------------------------------|---------------|
| RULE 144A SECURITIES - 7.22%: | | | | |
| BONDS - 7.22% | | | | |
| American Tire Distributor (C) | 11.610% | 04/01/12 | \$ 1,000,000 | \$ 950,000 |
| Bombardier, Inc. | 6.300 | 05/01/14 | 1,000,000 | 890,000 |
| Bristow Group, Inc. | 7.500 | 09/15/17 | 150,000 | 150,000 |
| Calpine Corporation | 8.750 | 07/15/13 | 500,000 | 465,000 |
| Chaparral Energy, Inc. | 8.875 | 02/01/17 | 1,500,000 | 1,491,780 |
| Charter Communications Op LLC | 8.000 | 04/30/12 | 250,000 | 249,370 |
| Community Health Systems, Inc. | 8.875 | 07/15/15 | 1,200,000 | 1,168,690 |
| Compucom Systems, Inc. | 12.500 | 10/01/15 | 1,330,000 | 1,295,840 |
| Douglas Dynamics LLC | 7.750 | 01/15/12 | 630,000 | 632,860 |
| Dynegy Holdings, Inc. | 7.500 | 06/01/15 | 500,000 | 445,000 |
| G F S I, Inc. (C) | 11.500 | 06/01/11 | 750,000 | 682,540 |
| H C A, Inc. | 9.250 | 11/15/16 | 975,000 | 991,490 |
| Hawker Beechcraft Acquisition Co. | 9.750 | 04/01/17 | 1,275,000 | 1,287,530 |
| Intergen NV | 9.000 | 06/30/17 | 750,000 | 743,910 |
| Kar Holdings, Inc. | 8.750 | 05/01/14 | 50,000 | 50,000 |
| Packaging Dynamics Corporation of America | 10.000 | 05/01/16 | 1,500,000 | 1,498,980 |
| Pinnacle Foods Finance LLC | 10.625 | 04/01/17 | 2,000,000 | 1,807,500 |
| Quebecor Media, Inc. | 7.750 | 03/15/16 | 175,000 | 164,060 |
| Rite Aid Corporation | 9.500 | 02/01/15 | 1,600,000 | 1,453,320 |
| Steel Dynamics, Inc. | 6.750 | 04/01/15 | 200,000 | 200,000 |
| Tenaska Alabama Partners LP | 7.000 | 06/30/21 | 339,376 | 339,370 |
| Tesoro Petroleum Corporation | 6.500 | 06/01/17 | 500,000 | 500,000 |
| Tunica-Biloxi Gaming Authority | 9.000 | 11/15/15 | 1,075,000 | 1,106,150 |
| TOTAL BONDS | | | | \$ 18,563,450 |
| COMMON STOCK - 0.00% | | | | |
| Jordan Telecom Products (B) | | | 70 | \$ 14,000 |
| TOTAL COMMON STOCK | | | | 14,000 |
| TOTAL RULE 144A SECURITIES | | | | 18,577,450 |
| TOTAL CORPORATE RESTRICTED SECURITIES | | | | \$197,126,310 |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)
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MASSMUTUAL CORPORATE INVESTORS

| CORPORATE PUBLIC SECURITIES - 33.84%: (A) | Interest Rate | Due Date | Principal Amount | Cost |
|---|------------------|-------------|---------------------|-----------|
| | ----- | ----- | ----- | ----- |
| BONDS - 31.01% | | | | |
| A M C Entertainment, Inc. | 11.000% | 02/01/16 | \$ 815,000 | \$ 817,31 |
| Activant Solutions, Inc. | 9.500 | 05/01/16 | 150,000 | 150,00 |
| Affinia Group, Inc. | 9.000 | 11/30/14 | 1,010,000 | 936,07 |
| Alamosa Delaware, Inc. | 8.500 | 01/31/12 | 400,000 | 400,00 |
| ALH Fin LLC / ALH Fin Corporation | 8.500 | 01/15/13 | 1,550,000 | 1,519,53 |
| Allied Waste NA | 7.875 | 04/15/13 | 1,000,000 | 1,020,02 |
| Appleton Papers, Inc. | 8.125 | 06/15/11 | 300,000 | 300,00 |
| Aramark Corporation | 8.500 | 02/01/15 | 200,000 | 200,00 |
| Aramark Corporation | 8.856 | 02/01/15 | 200,000 | 200,00 |
| Atlas Pipeline Partners | 8.125 | 12/15/15 | 200,000 | 200,00 |
| Bally Total Fitness Holdings Corporation | 9.875 | 10/15/07 | 135,000 | 128,92 |
| Basic Energy Services | 7.125 | 04/15/16 | 225,000 | 225,00 |
| Blockbuster, Inc. (C) | 9.000 | 09/01/12 | 475,000 | 475,79 |
| Brigham Exploration Co. | 9.625 | 05/01/14 | 1,200,000 | 1,167,90 |
| CCH I Holdings LLC | 11.125 | 01/15/14 | 1,550,000 | 1,141,93 |
| Cablevision Systems Corporation | 8.000 | 04/15/12 | 1,000,000 | 1,011,99 |
| Cenveo Corporation | 7.875 | 12/01/13 | 1,100,000 | 1,100,00 |
| Cincinnati Bell, Inc. | 8.375 | 01/15/14 | 1,100,000 | 1,007,50 |
| Clayton Williams Energy, Inc. | 7.750 | 08/01/13 | 1,200,000 | 1,179,00 |
| Del Monte Corporation | 8.625 | 12/15/12 | 225,000 | 225,00 |
| Dynegy Holdings, Inc. | 6.875 | 04/01/11 | 500,000 | 422,50 |
| Dynegy Holdings, Inc. | 8.375 | 05/01/16 | 330,000 | 330,00 |
| Edison Mission Energy | 7.750 | 06/15/16 | 55,000 | 55,00 |
| El Paso Corporation | 7.875 | 06/15/12 | 1,000,000 | 1,043,24 |
| Esterline Technologies | 7.750 | 06/15/13 | 200,000 | 200,00 |
| Flextronics International Ltd. | 6.500 | 05/15/13 | 400,000 | 400,00 |
| Ford Motor Credit Co. | 7.375 | 10/28/09 | 1,250,000 | 1,246,87 |
| Ford Motor Credit Co. | 7.450 | 07/16/31 | 1,875,000 | 1,491,56 |
| Ford Motor Credit Co. | 8.000 | 12/15/16 | 300,000 | 294,96 |
| Freeport-McMoran Copper & Gold | 8.375 | 04/01/17 | 385,000 | 385,00 |
| Gencorp, Inc. | 9.500 | 08/15/13 | 259,000 | 259,00 |
| General Motors Acceptance Corporation | 6.875 | 08/28/12 | 1,500,000 | 1,372,50 |
| General Motors Acceptance Corporation | 7.750 | 01/19/10 | 1,250,000 | 1,283,39 |
| General Motors Corporation | 8.375 | 07/15/33 | 1,875,000 | 1,669,68 |
| Goodyear Tire & Rubber Co. | 7.857 | 08/15/11 | 1,400,000 | 1,342,75 |
| Graham Packaging Corporation | 9.875 | 10/15/14 | 1,000,000 | 902,50 |
| Great Lakes Dredge & Dock Corporation | 7.750 | 12/15/13 | 500,000 | 481,25 |
| GulfMark Offshore, Inc. | 7.750 | 07/15/14 | 565,000 | 562,59 |
| Hawaiian Telcom Communication | 12.500 | 05/01/15 | 1,425,000 | 1,562,36 |
| Idearc, Inc. | 8.000 | 11/15/16 | 1,000,000 | 1,002,00 |
| Inergy LP | 8.250 | 03/01/16 | 150,000 | 150,00 |
| Innophos, Inc. | 8.875 | 08/15/14 | 75,000 | 74,25 |
| Intelsat Bermuda Ltd. | 9.250 | 06/15/16 | 1,365,000 | 1,417,89 |
| Interline Brands, Inc. | 8.125 | 06/15/14 | 1,200,000 | 1,191,10 |
| Iron Mountain, Inc. | 8.750 | 07/15/18 | 1,065,000 | 1,098,61 |
| Koppers, Inc. | 9.875 | 10/15/13 | 477,000 | 477,00 |
| Land O'Lakes, Inc. | 9.000 | 12/15/10 | 750,000 | 750,00 |
| Lazard LLC | 7.125 | 05/15/15 | 750,000 | 749,40 |
| Lear Corporation | 8.750 | 12/01/16 | 1,000,000 | 942,50 |
| Leucadia National Corporation | 7.000 | 08/15/13 | 650,000 | 660,00 |
| Liberty Media Corporation | 5.700 | 05/15/13 | 1,000,000 | 951,61 |
| Mac-Gray Corporation | 7.625 | 08/15/15 | 600,000 | 600,00 |

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| | | | | |
|-------------------------------|--------|----------|-----------|-----------|
| Majestic Star Casino LLC | 9.500 | 10/15/10 | 500,000 | 500,000 |
| Manitowoc Company, Inc. | 7.125 | 11/01/13 | 200,000 | 200,000 |
| Mariner Energy, Inc. | 8.000 | 05/15/17 | 800,000 | 805,360 |
| Markwest Energy Operating Co. | 6.875 | 11/01/14 | 775,000 | 763,000 |
| Mediacom Broadband LLC | 8.500 | 10/15/15 | 1,500,000 | 1,518,490 |
| Metaldyne Corporation | 11.000 | 06/15/12 | 750,000 | 601,250 |
| Metaldyne Corporation (C) | 10.000 | 11/01/13 | 510,000 | 513,210 |

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)
September 30, 2007
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| CORPORATE PUBLIC SECURITIES (A) (Continued) | Interest Rate | Due Date | Principal Amount | Cost |
|---|---------------|----------|------------------|--------------|
| BONDS, CONTINUED | | | | |
| Michaels Stores, Inc. | 10.000% | 11/01/14 | \$ 1,500,000 | \$ 1,505,530 |
| N R G Energy, Inc. | 7.375 | 02/01/16 | 175,000 | 175,000 |
| N T L Cable PLC | 9.125 | 08/15/16 | 1,380,000 | 1,417,870 |
| Nalco Co. | 7.750 | 11/15/11 | 500,000 | 500,000 |
| Neiman Marcus Group, Inc. | 10.375 | 10/15/15 | 1,250,000 | 1,250,000 |
| Newark Group, Inc. | 9.750 | 03/15/14 | 850,000 | 796,860 |
| North American Energy Partners | 8.750 | 12/01/11 | 1,165,000 | 1,176,430 |
| NOVA Chemicals Corporation (C) | 8.484 | 11/15/13 | 475,000 | 475,000 |
| O E D Corp./Diamond Jo Company Guarantee | 8.750 | 04/15/12 | 1,000,000 | 985,960 |
| Offshore Logistics, Inc. | 6.125 | 06/15/13 | 450,000 | 450,000 |
| Pacific Energy Partners | 7.125 | 06/15/14 | 500,000 | 503,420 |
| Pacific Energy Partners | 6.250 | 09/15/15 | 150,000 | 149,310 |
| Petrohawk Energy Corporation | 9.125 | 07/15/13 | 1,500,000 | 1,524,990 |
| Pliant Corporation | 11.125 | 09/01/09 | 550,000 | 539,000 |
| Pliant Corporation (C) | 11.850 | 06/15/09 | 935,222 | 942,570 |
| Polypore, Inc. | 8.750 | 05/15/12 | 1,960,000 | 1,893,800 |
| Pregis Corporation | 12.375 | 10/15/13 | 1,000,000 | 981,490 |
| Quality Distribution, Inc. | 9.000 | 11/15/10 | 1,030,000 | 1,001,570 |
| Quality Distribution, Inc. (C) | 9.860 | 01/15/12 | 545,000 | 547,500 |
| Quicksilver Resources, Inc. | 7.125 | 04/01/16 | 500,000 | 500,000 |
| RBS Global & Rexnord Corporation | 11.750 | 08/01/16 | 275,000 | 284,770 |
| Rent-A-Center, Inc. | 7.500 | 05/01/10 | 200,000 | 200,000 |
| Rental Service Corporation | 9.500 | 12/01/14 | 1,500,000 | 1,489,950 |
| Rock-Tenn Co. | 8.200 | 08/15/11 | 825,000 | 847,100 |
| Sheridan Acquisition Corporation | 10.250 | 08/15/11 | 375,000 | 370,000 |
| Sierra Pacific Resources | 6.750 | 08/15/17 | 635,000 | 637,990 |
| Stanadyne Corporation | 10.000 | 08/15/14 | 1,500,000 | 1,500,000 |
| Stewart & Stevenson LLC | 10.000 | 07/15/14 | 1,500,000 | 1,538,400 |
| Stratos Global | 9.875 | 02/15/13 | 575,000 | 578,410 |
| Tekni-Plex, Inc. | 12.750 | 06/15/10 | 1,000,000 | 960,120 |
| Tekni-Plex, Inc. | 8.750 | 11/15/13 | 650,000 | 655,420 |
| Tenet Healthcare Corporation | 9.875 | 07/01/14 | 500,000 | 488,370 |
| Tenneco, Inc. | 8.625 | 11/15/14 | 1,000,000 | 1,002,430 |
| Texas Industries, Inc. | 7.250 | 07/15/13 | 70,000 | 70,000 |
| Titan International, Inc. | 8.000 | 01/15/12 | 150,000 | 150,000 |
| Trimas Corporation | 9.875 | 06/15/12 | 823,000 | 764,250 |
| Triton PCS, Inc. | 8.500 | 06/01/13 | 550,000 | 550,000 |
| Tube City IMS Corporation | 9.750 | 02/01/15 | 1,000,000 | 1,010,800 |
| Unisys Corporation | 8.000 | 10/15/12 | 190,000 | 190,000 |
| United Components, Inc. | 9.375 | 06/15/13 | 1,080,000 | 1,081,250 |
| United Rentals, Inc. | 7.750 | 11/15/13 | 625,000 | 625,000 |

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| | | | | |
|--------------------------------|--------|----------|-----------|---------------|
| United Rentals, Inc. | 7.000 | 02/15/14 | 500,000 | 500,000 |
| Universal City Florida (C) | 10.106 | 05/01/10 | 200,000 | 200,000 |
| Universal City Florida | 8.375 | 05/01/10 | 200,000 | 200,000 |
| Valassis Communications, Inc. | 8.250 | 03/01/15 | 790,000 | 771,520 |
| Vought Aircraft Industries | 8.000 | 07/15/11 | 1,000,000 | 999,180 |
| Warner Music Group Corporation | 7.375 | 04/15/14 | 275,000 | 275,000 |
| Waste Services, Inc. | 9.500 | 04/15/14 | 1,100,000 | 1,122,400 |
| Yankee Acquisition Corporation | 8.500 | 02/15/15 | 1,500,000 | 1,430,620 |
| TOTAL BONDS | | | | \$ 81,486,290 |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)
September 30, 2007
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| CORPORATE PUBLIC SECURITIES (A) (Continued) | Interest Rate | Due Date | Shares or Principal Amount | Cost |
|--|---------------|----------|----------------------------|---------------|
| COMMON STOCK - 2.60% | | | | |
| Bally Total Fitness Holdings Corporation (B) | | | 600 | \$ 5,520 |
| EnerNOC, Inc. (B) | | | 46,500 | 1,283,260 |
| ITC^DeltaCom, Inc. | | | 178,666 | 1,563,320 |
| PepsiAmericas, Inc. | | | 92,145 | 2,006,360 |
| Supreme Industries, Inc. | | | 115,721 | 267,320 |
| TOTAL COMMON STOCK | | | | 5,125,790 |
| CONVERTIBLE BONDS - 0.23% | | | | |
| Citadel Broadcasting Corporation | 1.875% | 02/15/11 | \$ 700,000 | \$ 543,370 |
| TOTAL CONVERTIBLE BONDS | | | | 543,370 |
| TOTAL CORPORATE PUBLIC SECURITIES | | | | \$ 87,155,470 |

| SHORT-TERM SECURITIES: | Interest Rate/Yield* | Due Date | Principal Amount | Cost |
|------------------------------|----------------------|----------|------------------|---------------|
| COMMERCIAL PAPER - 1.02% | | | | |
| Burlington Northern Santa Fe | 5.403% | 10/01/07 | \$ 1,000,000 | \$ 999,700 |
| Newell Rubbermaid, Inc. | 5.402 | 10/01/07 | 1,697,000 | 1,696,490 |
| TOTAL SHORT-TERM SECURITIES | | | | \$ 2,696,190 |
| TOTAL INVESTMENTS | 108.61% | | | \$286,977,980 |
| Other Assets | 3.99 | | | |
| Liabilities | (12.60) | | | |
| TOTAL NET ASSETS | 100.00% | | | |

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- (A) In each of the convertible note, warrant, convertible preferred and common stock investments, issuer has agreed to provide certain registration rights.
 (B) Non-income producing security.
 (C) Variable rate security; rate indicated is as of 09/30/07.
 (D) Defaulted security; interest not accrued.
 * Effective yield at purchase

See Notes to Consolidated Financial Statements.

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)
 September 30, 2007
 (Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| INDUSTRY CLASSIFICATION: | Fair Value/ Market Value | |
|---------------------------------------|-----------------------------|-----------------------------|
| | ----- | |
| AEROSPACE - 3.79% | | BUILDINGS & REAL ESTATE - |
| Consolidated Foundries Holdings | \$ 3,808,470 | K W P I Holdings Corporati |
| Esterline Technologies | 203,000 | Texas Industries, Inc. |
| Gencorp, Inc. | 270,008 | TruStile Doors, Inc. |
| P A S Holdco LLC | 3,151,543 | |
| Visioneering, Inc. | 1,550,291 | |
| Vought Aircraft Industries | 977,500 | |
| | ----- | CHEMICAL, PLASTICS & RUBBER |
| | 9,960,812 | Capital Specialty Plastics |
| | ----- | Innophos, Inc. |
| AUTOMOBILE - 10.82% | | Koppers, Inc. |
| American Tire Distributor | 992,500 | Nalco Co. |
| Ford Motor Credit Co. | 2,978,851 | NOVA Chemicals Corporation |
| Fuel Systems Holding Corporation | 2,489,658 | |
| General Motors Acceptance Corporation | 2,646,806 | CONSUMER PRODUCTS - 8.59% |
| General Motors Corporation | 1,642,969 | Aero Holdings, Inc. |
| Goodyear Tire & Rubber Co. | 1,421,000 | ALH Fin LLC/ALH Fin Corpor |
| Jason, Inc. | 2,033,269 | Augusta Sportswear Holding |
| Lear Corporation | 940,000 | Bravo Sports Holding Corpo |
| LIH Investors, L.P. | -- | G F S I, Inc. |
| Metaldyne Corporation | 1,127,625 | Kar Holdings, Inc. |
| Nyloncraft, Inc. | 1,896,875 | K N B Holdings Corporation |
| Ontario Drive & Gear Ltd. | 3,007,271 | Momentum Holding Co. |
| Qualis Automotive LLC | 2,014,869 | R A J Manufacturing Holdin |
| Tenneco, Inc. | 1,007,500 | Royal Baths Manufacturing |
| Titan International, Inc. | 149,625 | The Tranzonic Companies |
| Transtar Holding Company | 3,001,138 | Walls Industries, Inc. |
| United Components, Inc. | 1,096,200 | |
| | ----- | |
| | 28,446,156 | |
| | ----- | |
| BEVERAGE, DRUG & FOOD - 5.07% | | CONTAINERS, PACKAGING |
| Aramark Corporation | 406,000 | |

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| | | |
|--------------------------------------|------------|----------------------------|
| Beta Brands Ltd. | -- | & GLASS - 5.96% |
| Del Monte Corporation | 228,375 | Flutes, Inc. |
| Eagle Pack Pet Foods, Inc. | 1,657,793 | Graham Packaging Corporati |
| Land O'Lakes, Inc. | 778,125 | Maverick Acquisition Compa |
| Nonni's Food Company | 2,544,591 | P I I Holding Corporation |
| PepsiAmericas, Inc. | 2,989,184 | Packaging Dynamics Corpora |
| Rite Aid Corporation | 1,496,000 | Paradigm Packaging, Inc. |
| River Ranch Fresh Foods LLC | 920,834 | Pliant Corporation |
| Specialty Foods Group, Inc. | -- | Pregis Corporation |
| Vitality Foodservice, Inc. | 2,298,846 | Tekni-Plex, Inc. |
| | ----- | Vitex Packaging Group, Inc |
| | 13,319,748 | |
| | ----- | |
| BROADCASTING & ENTERTAINMENT - 3.02% | | DISTRIBUTION - 3.81% |
| CCH I Holdings LLC | 1,410,500 | Affina Group, Inc. |
| Cablevision Systems Corporation | 970,000 | Duncan Systems, Inc. |
| Cenveo Corporation | 1,001,000 | Kele and Associates, Inc. |
| Charter Communications Op LLC | 248,750 | Magnatech International, I |
| Citadel Broadcasting Corporation | 600,250 | O R S Nasco Holding, Inc. |
| Liberty Media Corporation | 934,229 | QualServ Corporation |
| Mediacom Broadband LLC | 1,503,750 | Strategic Equipment & Supp |
| Workplace Media Holding Co. | 1,268,110 | |
| | ----- | |
| | 7,936,589 | |
| | ----- | |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)
September 30, 2007
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

| INDUSTRY CLASSIFICATION: (Cont.) | Fair Value/ Market Value | |
|--|-----------------------------|---|
| | ----- | |
| DIVERSIFIED/CONGLOMERATE, MANUFACTURING - 6.24% | | HEALTHCARE, EDUCATION & CHILDCARE - 3.81% |
| Activant Solutions, Inc. | \$ 132,000 | A T I Acquisition Company |
| Arrow Tru-Line Holdings, Inc. | 1,817,591 | American Hospice Managemen |
| Bombardier, Inc. | 980,000 | Community Health Systems |
| Douglas Dynamics LLC | 567,000 | F H S Holdings LLC |
| Evans Consoles, Inc. | -- | H C A, Inc. |
| Great Lakes Dredge & Dock Corporation | 480,000 | Tenet Healthcare Corporati |
| Polypore, Inc. | 1,891,400 | |
| Postle Aluminum Company LLC | 2,670,377 | HOME & OFFICE FURNISHINGS, HOUSEWARES, AND DURABLE |
| Radiac Abrasives, Inc. | 2,805,019 | CONSUMER PRODUCTS - 6.22 |
| RBS Global & Rexnord Corp. | 292,875 | Connor Sport Court Interna |
| Trimas Corporation | 839,460 | H M Holding Company |
| Truck Bodies & Equipment International | 3,918,532 | Home Decor Holding Company |
| | ----- | Justrite Manufacturing Acq |
| | 16,394,254 | Monessen Holding Corporati |
| | ----- | Stanton Carpet Holding Co. |
| DIVERSIFIED/CONGLOMERATE, SERVICE - 3.60% | | U-Line Corporation |
| Allied Waste NA | 1,032,500 | Wellborn Forest Holding Co |
| CapeSuccess LLC | 5,862 | |
| Diversco, Inc./DHI Holdings, Inc. | -- | |
| Dwyer Group, Inc. | 1,212,913 | |

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| | | |
|--|--------------------------------|-----------------------------|
| Fowler Holding, Inc. | 2,442,104 | |
| Insurance Claims Management, Inc. | -- | |
| Interline Brands, Inc. | 1,185,000 | LEISURE, AMUSEMENT, |
| Iron Mountain, Inc. | 1,107,600 | ENTERTAINMENT - 4.53% |
| Mac-Gray Corporation | 600,000 | A M C Entertainment, Inc. |
| Mail Communications Group, Inc. | 1,253,191 | Bally Total Fitness Holding |
| Moss, Inc. | 637,793 | Electra Bicycle Company, I |
| | ----- | Keepsake Quilting, Inc. |
| | 9,476,963 | Majestic Star Casino LLC |
| | ----- | O E D Corp/Diamond Jo Comp |
| ELECTRONICS - 1.90% | | Overton's Holding Company |
| Calpine Corporation | 545,000 | Savage Sports Holding, Inc |
| Connecticut Electric, Inc. | 2,597,791 | Tunica-Biloxi Gaming Autho |
| Directed Electronics, Inc. | 1,470,554 | Universal City Florida |
| Flextronics International Ltd. | 382,000 | Warner Music Group Corpora |
| | ----- | |
| | 4,995,345 | |
| | ----- | |
| FARMING & AGRICULTURE - 0.00% | | MACHINERY - 9.79% |
| Protein Genetics, Inc. | -- | Davis-Standard LLC |
| | ----- | Integration Technology Sys |
| FINANCIAL SERVICES - 3.24% | | Manitowoc Company, Inc. |
| Hawker Beechcraft Acquisition Co. | 1,303,688 | Maxon Corporation |
| Highgate Capital LLC | -- | Morton Industrial Group, I |
| Lazard LLC | 757,500 | Navis Global |
| Leucadia National Corporation | 624,000 | NetShape Technologies, Inc |
| Nesco Holdings Corp. | 2,509,910 | Pacific Consolidated Holdi |
| Pinnacle Foods Finance LLC | 1,875,000 | Safety Speed Cut Manufactu |
| Victory Ventures LLC | -- | Stanadyne Corporation |
| Yankee Acquisition Corporation | 1,455,000 | Stewart & Stevenson LLC |
| | ----- | Supreme Industries, Inc. |
| | 8,525,098 | Synventive Equity LLC |
| | ----- | Tronair, Inc. |
| | | |
| ----- | | |
| CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) | MASSMUTUAL CORPORATE INVESTORS | |
| September 30, 2007 | | |
| (Unaudited) | | |
| | Fair Value/ Market Value | |
| INDUSTRY CLASSIFICATION: (Cont.) | ----- | |
| MEDICAL DEVICES/BIOTECH - 2.44% | | TECHNOLOGY - 2.18% |
| Coeur, Inc. | \$ 1,512,458 | Compucom Systems, Inc. |
| E X C Acquisition Corporation | 171,101 | EnerNOC, Inc. |
| MicroGroup, Inc. | 3,081,462 | Smart Source Holdings LLC |
| OakRiver Technology, Inc. | 1,646,595 | Unisys Corporation |
| | ----- | |
| | 6,411,616 | |
| | ----- | |
| MINING, STEEL, IRON & NON PRECIOUS METALS - 0.61% | | TELECOMMUNICATIONS - 3.17% |
| Freeport-McMoran Copper & Gold | 420,613 | Alamosa Delaware, Inc. |
| Steel Dynamics, Inc. | 193,196 | Cincinnati Bell, Inc. |
| Tube City IMS Corporation | 977,500 | Hawaiian Telecom Communica |
| | | Intelsat Bermuda Ltd. |

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| | | |
|----------------------------------|-----------|----------------------------|
| | ----- | ITC^DeltaCom, Inc. |
| | 1,591,309 | Jordan Telecom Products |
| | ----- | N T L Cable PLC |
| NATURAL RESOURCES - 0.44% | | Stratos Global |
| Appleton Papers, Inc. | 296,250 | Triton P C S, Inc. |
| Rock-Tenn Co. | 852,844 | |
| | ----- | |
| | 1,149,094 | TRANSPORTATION - 2.30% |
| | ----- | NABCO, Inc. |
| OIL AND GAS - 3.71% | | Quality Distribution, Inc. |
| Atlas Pipeline Partners | 197,000 | Tangent Rail Corporation |
| Basic Energy Services | 218,813 | |
| Brigham Exploration Co. | 1,131,000 | UTILITIES - 2.83% |
| Bristow Group, Inc. | 153,000 | Dynegy Holdings, Inc. |
| Chaparral Energy, Inc. | 1,406,250 | Edison Mission Energy |
| Clayton Williams Energy, Inc. | 1,128,000 | El Paso Corporation |
| GulfMark Offshore, Inc. | 567,825 | Inergy LP |
| Mariner Energy, Inc. | 782,000 | Intergen NV |
| North American Energy Partners | 1,176,650 | Markwest Energy Operating |
| Offshore Logistics, Inc. | 436,500 | N R G Energy, Inc. |
| Quicksilver Resources, Inc. | 492,500 | Pacific Energy Partners |
| Tesoro Petroleum Corporation | 496,250 | Petrohawk Energy Corporati |
| Total Equipment & Service, Inc. | 1,563,241 | Sierra Pacific Resources |
| | ----- | Tenaska Alabama Partners L |
| | 9,749,029 | |
| | ----- | |
| PHARMACEUTICALS - 1.04% | | WASTE MANAGEMENT / POLLUTI |
| CorePharma LLC | 2,631,682 | Terra Renewal Services, In |
| Enzymatic Therapy, Inc. | 106,250 | Waste Services, Inc. |
| | ----- | |
| | 2,737,932 | Total Corporate Restricted |
| | ----- | Public Securities - 107.59 |
| PUBLISHING/PRINTING - 1.16% | | |
| Idearc, Inc. | 997,500 | |
| Newark Group, Inc. | 816,000 | |
| Quebecor Media, Inc. | 167,125 | |
| Sheridan Acquisition Corporation | 378,281 | |
| Valassis Communications, Inc. | 687,300 | |
| | ----- | |
| | 3,046,206 | |
| | ----- | |
| RETAIL STORES - 3.43% | | |
| Blockbuster, Inc. | 427,500 | |
| Michaels Stores, Inc. | 1,537,500 | |
| Neiman Marcus Group, Inc. | 1,362,500 | |
| Olympic Sales, Inc. | 2,924,020 | |
| Rent-A-Center, Inc. | 190,000 | |
| Rental Service Corporation | 1,432,500 | |
| United Rentals, Inc. | 1,153,750 | |
| | ----- | |
| | 9,027,770 | |
| | ----- | |

See Notes to Consolidated Financial Statements.

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The aggregate cost of investments is substantially the same for financial reporting and federal income tax purposes as of September 30, 2007. The net unrealized depreciation of investments for financial reporting and federal tax purposes as of September 30, 2007 is \$1,416,899 and consists of \$27,221,597 appreciation and \$28,638,496 depreciation.

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 that evaluation have concluded that such disclosure controls and procedures are effective to provide reasonable assurance that material 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 were no changes 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 have materially affected, or are 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 (17 CFR 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/ Clifford M. Noreen

Clifford M. Noreen, President

Date November 26, 2007

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/ Clifford M. Noreen

Clifford M. Noreen, President

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Date November 26, 2007

By (Signature and Title)* /s/ James M. Roy

James M. Roy, Vice President and
Chief Financial Officer

Date November 26, 2007

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