

MASSMUTUAL CORPORATE INVESTORS

Form N-Q

November 27, 2006

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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: 09/30/06

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ITEM 1. SCHEDULE OF INVESTMENTS.

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CONSOLIDATED SCHEDULE OF INVESTMENTS

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

| | Shares, Units, Warrants, Ownership or Principal Amount | Acquisit Date |
|--|---|------------------|
| | | |
| CORPORATE RESTRICTED SECURITIES - 70.17%: (A) | | |
| PRIVATE PLACEMENT INVESTMENTS - 65.12% | | |
| 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 | 04/08/0 |
| Warrant, exercisable until 2012, to purchase common stock at \$.02 per share (B) | 2,323 shs. | 04/08/0 |
| Warrant, exercisable until 2012, to purchase preferred stock at \$.01 per share (B) | 63,287 shs. | 03/23/0 |
| 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 | 02/29/0 |
| Warrant, exercisable until 2010, to purchase common stock at \$.02 per share (B) | 364 shs. | 02/29/0 |
| AMERCABLE, INC. | | |
| A manufacturer of electric power, instrumentation and control cables, primarily for the mining and oil and gas industries. | | |
| 12% Senior Subordinated Note due 2013 | \$ 1,101,852 | 04/08/0 |
| Limited Partnership Interest (B) | 0.36% int. | 04/07/0 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 125 shs. | 04/08/0 |
| AMERICAN HOSPICE MANAGEMENT HOLDING LLC | | |
| A for-profit hospice care provider in the United States. | | |
| 12% Senior Subordinated Note due 2010 | \$ 2,125,000 | 01/22/0 |
| Preferred Class A Unit (B) | 3,223 uts. | |
| Common Class B Unit | 30,420 uts. | 01/22/0 |
| Common Class D Unit (B) | 6,980 uts. | 09/12/0 |
| 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 | 05/18/0 |
| Common Stock (B) | 497 shs. | 05/18/0 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 130 shs. | 05/18/0 |

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AUGUSTA SPORTSWEAR HOLDING CO.

A manufacturer and distributor of athletic apparel, activewear and team uniforms.

| | | | | |
|--|----|-----------|--|---------|
| 12% Senior Subordinated Note due 2012 | \$ | 1,686,800 | | 12/31/0 |
| Common Stock (B) | | | | * |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | | | | 12/31/0 |

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

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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

CORPORATE RESTRICTED SECURITIES (A) (Continued)

| | | Shares, Units, Warrants, Ownership or Principal Amount | | Acquisiti 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 | | 03/31/0 |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | | | | 03/31/0 |

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 | | 06/30/0 |
| Preferred Stock Class A (B) | | 879 shs. | | 06/30/0 |
| Common Stock (B) | | 1 shs. | | 06/30/0 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | | | | 06/30/0 |

C & J SPEC-RENT SERVICES, INC.

A provider of coiled tubing and pressure pumping services to the oil and gas industry in Texas and Louisiana.

| | | | | |
|--|----|--------------|--|---------|
| 10% Senior Secured Term Note due 2012 | \$ | 1,551,492 | | 08/12/0 |
| 14% Senior Subordinated Note due 2013 | \$ | 1,148,710 | | 08/12/0 |
| Common Stock (B) | | 470,150 shs. | | 08/12/0 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | | | | 08/12/0 |

CAINS FOODS, L.P.

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

| | | |
|----------------------------------|-------------|---------|
| Limited Partnership Interest (B) | 3.69 % int. | 09/29/9 |
|----------------------------------|-------------|---------|

CAPESUCCESS LLC

A provider of diversified staffing services.

| | | |
|------------------------------------|-------------|---------|
| Preferred Membership Interests (B) | 1,882 uts. | 04/29/0 |
| Common Membership Interests (B) | 24,318 uts. | 04/29/0 |

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 | \$ 462,862 | 04/30/0 |
| 11.5% Senior Subordinated Note due 2011 | \$ 424,819 | 04/30/0 |
| Common Stock (B) | 126,812 shs. | 04/30/0 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 87,672 shs. | 04/30/0 |

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

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

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

COINING CORPORATION OF AMERICA LLC

A manufacturer of close tolerance parts and metal stampings.

| | | |
|--|--------------|---------|
| 10.74% Senior Secured Revolving Credit Facility due 2007 (C) | \$ 108,025 | 01/07/0 |
| 10.74% Senior Secured Tranche A Note due 2007 (C) | \$ 759,887 | 06/26/0 |
| 13% Senior Secured Tranche B Note due 2008 | \$ 648,148 | 06/26/0 |
| Limited Partnership Interest (B) | 6.38% int. | 06/26/0 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | 107,036 shs. | 06/26/0 |

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. | * |

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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 | | 06/15/0 |
| Common Stock (B) | | 509 shs. | | ** |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | | | 103 shs. | 06/15/0 |

COREPHARMA LLC

A manufacturer of oral dose generic pharmaceuticals
targeted at niche applications.

| | | | | |
|---|----|-----------|---------|---------|
| 12% Senior Subordinated Note due 2013 | \$ | 2,550,000 | | 08/04/0 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | | | 20 shs. | 08/04/0 |

CORVEST GROUP, INC.

A manufacturer and distributor of promotional products.

| | | | | |
|---|----|-------------|----------|-----|
| 12% Senior Subordinated Note due 2009 (D) | \$ | 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. | *** |

*08/12/04 and 01/18/05.

**08/12/04 and 01/14/05.

***06/15/05 and 05/22/06.

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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006

(Unaudited)

CORPORATE RESTRICTED SECURITIES (A) (Continued)

| Shares, Units, Warrants, Ownership or Principal Amount | Acquisit Date |
|---|------------------|
| ----- | ----- |

DEXTER MAGNETICS TECHNOLOGIES, INC.

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

| | | | | |
|---|--|----------|----------|---------|
| Common Stock | | 585 shs. | | 07/19/0 |
| Warrant, exercisable until 2006, to purchase common stock at \$.01 per share | | | 297 shs. | 07/19/0 |

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DIRECTED ELECTRONICS, INC.

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

| | | |
|----------------------------------|--------------|---------|
| Common Stock (B) | 239,547 shs. | 12/19/0 |
| Limited Partnership Interest (B) | 8.70% int. | |

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. | 08/27/9 |
| Preferred Stock (B) | 3,278 shs. | 12/14/0 |
| 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 | 10/30/0 |
| Common Stock (B) | 6,906 shs. | ** |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 2,034 shs. | 10/30/0 |

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. | 06/28/0 |
|--|---------|---------|

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. | 09/24/0 |

*12/22/99 and 09/14/05.

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

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

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

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

Shares, Units,
Warrants,
Ownership or Acquisit

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| CORPORATE RESTRICTED SECURITIES (A) (Continued) | Principal Amount ----- | Date ----- |
|--|---------------------------|---------------|
| | | |
| EAST RIVER VENTURES I, L.P. | | |
| An acquirer of controlling or substantial interests in other entities. | | |
| Limited Partnership Interest (B) | 0.14% int. | 01/01/0 |
| | | |
| ENZYMATIC THERAPY, INC. | | |
| A manufacturer and distributor of branded natural medicines and nutritional supplements. | | |
| Limited Partnership Interest (B) | 1.32% int. | 03/30/0 |
| Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B) | 29,117 shs. | 03/30/0 |
| | | |
| 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 | 09/09/0 |
| 16.03% Overdue Interest Secured Note due 2008 (C) | \$ 143,465 | 01/13/0 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 43,878 shs. | 09/09/0 |
| | | |
| EVANS CONSOLES, INC. | | |
| A designer and manufacturer of consoles and control center systems. | | |
| Common Stock (B) | 90,000 shs. | 05/06/0 |
| | | |
| F H S HOLDING LLC | | |
| A national provider of customized disease management services to large, self-insured employers. | | |
| 12% Senior Subordinated Note due 2014 | \$ 2,390,625 | 06/01/0 |
| Preferred Unit (B) | 158 uts. | 06/01/0 |
| Common Unit (B) | 1,594 uts. | 06/01/0 |
| Common Unit Class B (B) | 1,386 uts. | 06/01/0 |
| | | |
| 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 | 04/13/0 |
| 14% Senior Subordinated Note due 2014 | \$ 549,550 | 04/13/0 |
| Common Stock (B) | 109,436 shs. | 04/13/0 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 30,940 shs. | 04/13/0 |
| | | |
| 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 | 02/03/0 |
| Common Stock (B) | 185 shs. | 02/03/0 |

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| | | |
|---|----------|---------|
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 254 shs. | 02/03/0 |
|---|----------|---------|

| | |
|--|--------------------------------|
| CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) | MASSMUTUAL CORPORATE INVESTORS |
|--|--------------------------------|

September 30, 2006
(Unaudited)

| | Shares, Units, Warrants, Ownership or Principal Amount | Acquisit Date |
|---|---|------------------|
| CORPORATE RESTRICTED SECURITIES (A) (Continued) | ----- | ----- |
| 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 | 01/31/0 |
| Common Stock (B) | 212,500 shs. | 01/31/0 |
| Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B) | 138,408 shs. | 01/31/0 |
| | | |
| H M HOLDING COMPANY | | |
| A designer, manufacturer, and importer of promotional and wood furniture. | | |
| 12% Senior Subordinated Note due 2013 | \$ 2,210,000 | 02/10/0 |
| Common Stock (B) | 340 shs. | 02/10/0 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 126 shs. | 02/10/0 |
| | | |
| HIGHGATE CAPITAL LLC | | |
| An acquirer of controlling or substantial interests in manufacturing and marketing entities. | | |
| Series A Preferred Units (B) | 1.19% int. | 07/21/9 |
| | | |
| 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. | |
| | | |
| INTEGRATION TECHNOLOGY SYSTEMS, INC. | | |
| A manufacturer of steel protective computer and network systems for the industrial and office environments. | | |
| 12% Senior Secured Note due 2007 | \$ 1,644,444 | 03/01/0 |
| Common Stock (B) | 228 shs. | 06/01/0 |

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ITC^DELTACOM, INC.

A provider of integrated communications services in the southeastern United States.

| | | |
|---|--------------|---------|
| 13.63% Senior Secured Note due 2009 (C) | \$ 2,227,179 | 07/26/0 |
| 17.13% Senior Secured Note due 2009 (C) | \$ 358,262 | 07/26/0 |
| Warrant, exercisable until 2009, to purchase convertible preferred stock at \$.01 per share (B) | 102,884 shs. | 07/26/0 |

JASON, INC.

A diversified manufacturing company serving various industrial markets.

| | | |
|--|-------------|---------|
| 13% Senior Subordinated Note due 2008 | \$ 963,687 | 08/04/0 |
| 14% Cumulative Redeemable Preferred Stock Series A (B) Limited Partnership Interests of Saw Mill Capital Fund II, L.P. (B) | 289 shs. | 08/04/0 |
| Warrants, exercisable until 2008 and 2009, to purchase common stock at \$.01 per share (B) | 2.50% int. | 08/03/0 |
| | 50,870 shs. | 08/04/0 |

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

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (Continued) | Shares, Units, Warrants, Ownership or Principal Amount | Acquisit 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 | 12/15/0 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 1,121 shs. | 12/15/0 |

K N B HOLDINGS CORPORATION

A designer, manufacturer and marketer of products for the custom framing market.

| | | |
|--|--------------|---------|
| 13.5% Senior Subordinated Note due 2013 | \$ 2,419,414 | 05/25/0 |
| Common Stock (B) | 134,210 shs. | 05/25/0 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 82,357 shs. | 05/25/0 |

KEEPSAKE QUILTING, INC.

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

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| | | | |
|---|----|------------|---------|
| 8.89% Senior Secured Revolving Note due 2007 (C) | \$ | 91,732 | 06/16/0 |
| 8.89% Senior Secured Tranche A Note due 2007 (C) | \$ | 206,397 | 07/19/0 |
| 12% Senior Secured Tranche B Note due 2008 | \$ | 550,392 | 06/16/0 |
| Limited Partnership Interest of Riverside XVI Holding Company, L.P. (B) | | 5.29% int. | 06/12/0 |
| Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) | | 1,108 shs. | 06/12/0 |

KELE AND ASSOCIATES, INC.

A distributor of building automation control products.

| | | | |
|---|----|-----------|---------|
| 12% Senior Subordinated Note due 2012 | \$ | 1,831,548 | 02/27/0 |
| Preferred Stock (B) | | 23 shs. | 11/24/0 |
| Common Stock (B) | | 12 shs. | 02/27/0 |
| Warrant, exercisable until 2012, to purchase common stock at \$.02 per share (B) | | 11 shs. | 02/27/0 |

KEYSTONE NORTH AMERICA, INC.

An operator of funeral homes in North America.

| | | | |
|--------------|--|-------------|---------|
| Common Stock | | 49,216 shs. | 02/08/0 |
|--------------|--|-------------|---------|

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 | \$ | 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 01/28/99.

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

| | | Shares, Units, Warrants, Ownership or Principal Amount | Acquisit Date |
|--|--|---|------------------|
| | | ----- | ----- |

CORPORATE RESTRICTED SECURITIES (A) (Continued)

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 | \$ | 1,275,000 | 04/05/0 |
| 13% Preferred Stock (B) | | 565 shs. | 04/05/0 |
| Common Stock (B) | | 125 shs. | 04/05/0 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | | 13 shs. | 04/05/0 |

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MAVERICK ACQUISITION COMPANY

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

| | | | | |
|--|----|------------|----------|---------|
| 9.98% Senior Secured Tranche A Note due 2010 (C) | \$ | 697,169 | | 09/03/0 |
| 12% Senior Secured Tranche B Note due 2011 | \$ | 313,433 | | 09/03/0 |
| Limited Partnership Interest (B) | | 7.84% int. | | 09/03/0 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | | | 425 shs. | 09/03/0 |

MAXON CORPORATION

A manufacturer of industrial combustion equipment and related shut-off valves and control valves.

| | | | | |
|--|----|-----------|--------------|---------|
| 12% Senior Subordinated Note due 2012 | \$ | 962,215 | | 09/30/0 |
| 8.75% Senior Subordinated Note due 2012 | \$ | 1,155,562 | | 09/30/0 |
| Common Stock (B) | | | 381,672 shs. | 09/30/0 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | | | 153,572 shs. | 09/30/0 |

MEDASSIST, INC.

A provider of patient eligibility and accounts receivable management services to hospitals and physician practices.

| | | | | |
|--|--|--|-------------|---------|
| 8% Preferred Stock (B) | | | 84 shs. | 10/28/0 |
| Common Stock (B) | | | 26,185 shs. | 10/28/0 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | | | 88,948 shs. | 05/01/0 |

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 \$.01 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 | | 08/04/0 |
| Limited Partnership Interest (B) | | | 106,153 uts. | 08/04/0 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | | | 1,107 shs. | 08/04/0 |

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

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

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| CORPORATE RESTRICTED SECURITIES (A) (Continued) | Shares, Units, Warrants, Ownership or Principal Amount | Acquisit 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 | 03/31/0 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 152 shs. | 03/31/0 |
| MORTON INDUSTRIAL GROUP, INC. | | |
| A manufacturer of highly engineered metal fabricated components. | | |
| 12% Senior Subordinated Note due 2014 | \$ 2,440,909 | 08/25/0 |
| Common Stock (B) | 109,091 shs. | 08/25/0 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 173,633 shs. | 08/25/0 |
| MOSS, INC. | | |
| A manufacturer and distributor of large display and exhibit structures. | | |
| 9.48% Senior Secured Revolving Note due 2010 (C) | \$ 92,647 | 07/03/0 |
| 9.48% Senior Secured Tranche A Note due 2010 (C) | \$ 962,500 | 12/21/0 |
| 12% Senior Secured Tranche B Note due 2010 | \$ 350,000 | 12/21/0 |
| 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. | 12/21/0 |
| NABCO, INC. | | |
| A producer of explosive containment vessels in the United States. | | |
| 12% Senior Subordinated Note due 2014 | \$ 625,000 | 02/24/0 |
| Limited Partnership Interest (B) | 650 uts. | 02/24/0 |
| Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B) | 48 shs. | 02/24/0 |
| NEFF MOTIVATION, INC. | | |
| A manufacturer and distributor of customized awards and sportswear to schools. | | |
| 12.5% Senior Subordinated Note due 2011 | \$ 1,062,500 | 01/31/0 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 212 shs. | 01/31/0 |
| 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 | 03/29/0 |
| 10% Preferred Stock (B) | 255 shs. | 03/29/0 |

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| | | |
|---|------------|---------|
| Common Stock (B) | 6,455 shs. | 03/29/0 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 8,622 shs. | 03/29/0 |

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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

| | Shares, Units, Warrants, Ownership or Principal Amount | Acquisit Date |
|---|---|------------------|
| CORPORATE RESTRICTED SECURITIES (A) (Continued) | ----- | ----- |
| NYLONCRAFT, INC. | | |
| A supplier of engineered plastic components for the automotive industry. | | |
| 9% Senior Secured Note due 2009 | \$ 812,500 | 01/28/0 |
| 11.5% Senior Subordinated Note due 2012 | \$ 1,500,000 | 01/28/0 |
| Common Stock (B) | 312,500 shs. | 01/28/0 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 243,223 shs. | 01/28/0 |
| O R S NASCO HOLDING, INC. | | |
| A wholesale distributor of industrial supplies in North America. | | |
| 13% Senior Subordinated Note due 2013 | \$ 2,372,732 | 12/20/0 |
| Common Stock (B) | 177,268 shs. | 12/20/0 |
| Warrant, exercisable until 2015, to purchase common stock at \$.01 per share (B) | 99,771 shs. | 12/20/0 |
| 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 | 01/03/0 |
| 13% Senior Subordinated Note due 2013 | \$ 687,241 | 01/03/0 |
| Common Stock (B) | 322,307 shs. | 01/03/0 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 72,185 shs. | 01/03/0 |
| OLYMPIC SALES, INC. | | |
| A boat retailer in Washington state, Oregon, California and British Columbia. | | |
| 12% Senior Subordinated Note due 2008 | \$ 2,205,071 | * |
| Limited Partnership Interest of Riverside VIII, VIII-A and VIII-B Holding Company, L.P. (B) | 20.57% int. | |
| Warrants, exercisable until 2007 and 2008, to purchase | | |

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common stock at \$.01 per share (B) 28,648 shs. *

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 | 01/17/0 |
| Limited Partnership Interest (B) | 3,667 uts. | 01/17/0 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 619 shs. | 01/17/0 |

*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, 2006

(Unaudited)

CORPORATE RESTRICTED SECURITIES (A) (Continued)

| Shares, Units, Warrants, Ownership or Principal Amount | Acquisit Date |
|---|------------------|
| ----- | ----- |

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 | 04/28/0 |
| Common Stock (B) | 95 shs. | 04/28/0 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | 94 shs. | 04/28/0 |

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 | \$ 2,167,847 | 07/03/0 |
| Preferred Unit (B) | 382 uts. | 07/03/0 |
| Preferred Unit (B) | 69 uts. | 07/03/0 |
| Common Unit Class I (B) | 148 uts. | 07/03/0 |
| Common Unit Class L (B) | 31 uts. | 07/03/0 |

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 | 03/31/0 |
| Preferred Stock (B) | 36 shs. | 03/31/0 |
| Common Stock (B) | 23 shs. | 03/31/0 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 13 shs. | 03/31/0 |

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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 | 12/19/0 |
| Membership Interests of MM/Lincap PPI Investments, Inc., LLC (B) | | 2.42% int. | 12/21/0 |

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. | 08/12/9 |
| Common Stock (B) | | 2,600 shs. | |

QUALIS AUTOMOTIVE LLC

A distributor of aftermarket automotive brake and chassis products.

| | | | |
|---|----|--------------|---------|
| 12% Senior Subordinated Note due 2012 | \$ | 1,770,834 | 05/28/0 |
| Common Stock | | 354,166 shs. | 05/28/0 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share | | 377,719 shs. | 05/28/0 |

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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

CORPORATE RESTRICTED SECURITIES (A) (Continued)

| Shares, Units, Warrants, Ownership or Principal Amount | Acquisit Date |
|---|------------------|
|---|------------------|

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 | 07/09/0 |
| Limited Partnership Interest (B) | | 9.26% int. | 07/09/0 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | | 528 shs. | 07/09/0 |

RADIAC ABRASIVES, INC.

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

| | | | |
|---------------------------------------|----|--------------|---------|
| 12% Senior Subordinated Note due 2014 | \$ | 2,260,638 | 02/10/0 |
| Common Stock (B) | | 289,362 shs. | 02/10/0 |

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| | | |
|---|--------------|---------|
| Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B) | 131,555 shs. | 02/10/0 |
| | | |
| 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 | 09/29/0 |
| Limited Partnership Interest (B) | 40,610 uts. | 09/29/0 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 23,575 shs. | 09/29/0 |
| | | |
| 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 | 11/14/0 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 140 shs. | 11/14/0 |
| | | |
| SAFETY SPEED CUT MANUFACTURING COMPANY, INC. | | |
| A manufacturer of vertical panel saws and routers for the wood working industry. | | |
| 8.73% Senior Secured Tranche A Note due 2007 (C) | \$ 423,995 | 06/02/9 |
| 12% Senior Secured Tranche B Note Due 2007 | \$ 1,130,652 | 06/02/9 |
| Class B Common Stock (B) | 1,480 shs. | 06/02/9 |
| | | |
| SAVAGE SPORTS HOLDING, INC. | | |
| A manufacturer of sporting firearms. | | |
| 12% Senior Subordinated Note due 2012 | \$ 1,538,793 | 09/10/0 |
| Common Stock (B) | 586 shs. | 09/10/0 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 134 shs. | 09/10/0 |
| | | |
| SPECIALTY FOODS GROUP, INC. | | |
| A manufacturer and distributor of branded meat products. | | |
| Limited Partnership Interest of MHD Holdings LLC | 1.43% int. | 08/29/0 |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

CORPORATE RESTRICTED SECURITIES (A) (Continued)

| Shares, Units, Warrants, Ownership or Principal Amount | Acquisit Date |
|---|------------------|
| ----- | ----- |

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STANTON CARPET HOLDING CO.

A designer and marketer of high and mid-priced decorative carpets and rugs.

| | | | | |
|--|----|-----------|----------|---------|
| 12.125% Senior Subordinated Note due 2014 | \$ | 2,239,024 | | 08/01/0 |
| Common Stock (B) | | 311 shs. | | 08/01/0 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | | | 104 shs. | 08/01/0 |

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. | 01/14/0 |
|--|--|--|--------------|---------|

SYNVENTIVE EQUITY LLC

A manufacturer of hot runner systems used in the plastic injection molding process.

| | | | | |
|--|--|------------|-------------|---------|
| Limited Partnership Interest (B) | | 1.99% int. | | 08/20/0 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | | | 86,780 shs. | 08/21/0 |

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 | | 10/14/0 |
| Preferred Stock (B) | | 3,304 shs. | | 10/14/0 |
| Common Stock (B) | | 2,203 shs. | | 10/14/0 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | | | 1,167 shs. | 10/14/0 |

TERRA RENEWAL SERVICES, INC.

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.

| | | | | |
|--|----|-----------|------------|---------|
| 8.68% Senior Secured Tranche A Note due 2011 (C) | \$ | 278,906 | | 04/28/0 |
| 8.75% Senior Secured Tranche A Note due 2011 (C) | \$ | 213,281 | | 04/28/0 |
| 8.93% Senior Secured Tranche B Note due 2012 (C) | \$ | 314,795 | | 04/28/0 |
| 8.65% Senior Secured Tranche B Note due 2012 (C) | \$ | 423,487 | | 04/28/0 |
| 8.64% Senior Secured Tranche B Note due 2012 (C) | \$ | 366,680 | | 09/11/0 |
| 12% Senior Subordinated Note due 2014 | \$ | 1,162,110 | | 04/28/0 |
| Limited Partnership Interest of Saw Mill Capital Fund V, L.P. | | | 2.30% int. | 03/01/0 |
| Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B) | | | 72 shs. | 04/28/0 |

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006

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(Unaudited)

| | Shares, Units, Warrants, Ownership or Principal Amount ----- | Acquisit Date ----- |
|---|--|---------------------------|
| CORPORATE RESTRICTED SECURITIES (A) (Continued) | | |
| | | |
| 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 | 02/05/9 |
| Common Stock (B) | 630 shs. | 02/04/9 |
| Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B) | 444 shs. | 02/05/9 |
| | | |
| TRANSTAR HOLDING COMPANY | | |
| A distributor of aftermarket automotive transmission parts. | | |
| 12% Senior Subordinated Note due 2013 | \$ 1,734,000 | 08/31/0 |
| Common Stock (B) | 816 shs. | 08/31/0 |
| Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) | 86 shs. | 08/31/0 |
| | | |
| 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 | \$ 789,836 | 01/20/0 |
| 12% Senior Subordinated Note due 2010 | \$ 1,326,500 | 01/20/0 |
| Common Stock (B) | 227,400 shs. | 01/20/0 |
| Warrant, exercisable until 2010, to purchase common stock at \$1 per share (B) | 260,563 shs. | 01/20/0 |
| | | |
| 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 \$.01 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 | 04/11/0 |
| Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) | 5,781 shs. | 04/11/0 |
| | | |
| TUBULAR TEXTILE MACHINERY | | |
| A designer, manufacturer, seller and servicer of finishing | | |

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machinery for the knit and woven segments of the global textile industry.

| | | |
|--|--------------|---------|
| 12% Senior Subordinated Note due 2014 | \$ 1,234,551 | 05/28/0 |
| 8.75% Senior Secured Note due 2011 | \$ 716,292 | 05/28/0 |
| Common Stock (B) | 674,157 shs. | 05/28/0 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 203,912 shs. | 05/28/0 |

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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

| | Shares, Units, Warrants, Ownership or Principal Amount | Acquisit Date |
|---|---|------------------|
| CORPORATE RESTRICTED SECURITIES (A) (Continued) | ----- | ----- |
| U S S HOLDINGS, INC. | | |
| A producer of high grade industrial and specialty silica sands. | | |
| 14% Redeemable Preferred Stock (B) | 997 shs. | 09/30/9 |
| Convertible Preferred Stock Series A and B, convertible into common stock at \$9.26 per share (B) | 145,446 shs. | 12/19/9 |
| Common Stock (B) | 20,027 shs. | 09/30/9 |
| Warrants, exercisable until 2010 to purchase common stock at \$.01 per share (B) | 4,918 shs. | |
| 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 | 04/30/0 |
| Common Stock (B) | 182 shs. | 04/30/0 |
| Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B) | 230 shs. | 04/30/0 |
| VICTORY VENTURES LLC | | |
| An acquirer of controlling or substantial interests in other entities. | | |
| Series A Preferred Units (B) | 0.15% int. | 12/02/9 |
| VITALITY FOODSERVICE, INC. | | |
| A non-carbonated beverage dispensing company focused on the foodservice industry. | | |
| 13% Senior Subordinated Note due 2011 | \$ 1,887,288 | 09/24/0 |
| Common Stock (B) | 23,771 shs. | 09/24/0 |
| Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B) | 23,787 shs. | 09/24/0 |

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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 | | 07/19/0 |
| Limited Partnership Interest Class A (B) | | 1.75% int. | | 07/19/0 |
| Limited Partnership Interest Class B (B) | | 0.77% int. | | 07/19/0 |

WALLS INDUSTRIES, INC.

A provider of branded workwear and sporting goods apparel.

| | | | | |
|--|----|------------|--|---------|
| 10% Senior Subordinated Lien Note due 2009 | \$ | 838,816 | | 07/12/0 |
| 14% Senior Subordinated Note due 2012 | \$ | 1,085,380 | | 07/12/0 |
| Limited Partnership Interest (B) | | 0.40% int. | | 07/12/0 |
| Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) | | 4,029 shs. | | 07/12/0 |

TOTAL PRIVATE PLACEMENT INVESTMENTS

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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

| CORPORATE RESTRICTED SECURITIES (A) (CONTINUED) | Interest Rate | Due Date | Shares or Principal Amount | Cost |
|---|------------------|-------------|----------------------------------|------------|
| | | | | |
| RULE 144A SECURITIES - 5.05%: | | | | |
| BONDS - 5.05% | | | | |
| A E S Corporation | 9.000% | 05/15/15 | \$ 200,000 | \$ 200,000 |
| Activant Solutions, Inc. (C) | 9.500 | 05/01/16 | 150,000 | 150,000 |
| American Tire Distributor (C) | 11.758 | 04/01/12 | 1,000,000 | 950,000 |
| Basic Energy Services | 7.125 | 04/15/16 | 225,000 | 225,000 |
| Bombardier, Inc. | 6.300 | 05/01/14 | 1,000,000 | 890,000 |
| Brigham Exploration Co. | 9.625 | 05/01/14 | 700,000 | 690,400 |
| Calpine Corporation | 8.750 | 07/15/13 | 500,000 | 465,000 |
| Charter Communications Op LLC | 8.000 | 04/30/12 | 250,000 | 249,370 |
| Douglas Dynamics LLC | 7.750 | 01/15/12 | 630,000 | 633,400 |
| Edison Mission Energy | 7.750 | 06/15/16 | 500,000 | 500,000 |
| G F S I, Inc. | 11.000 | 06/01/11 | 750,000 | 682,540 |
| Interactive Health LLC | 7.250 | 04/01/11 | 872,000 | 747,930 |
| Packaging Dynamics Corporation of America | 10.000 | 05/01/16 | 700,000 | 700,000 |
| Petrohawk Energy Corporation | 9.125 | 07/15/13 | 1,000,000 | 998,020 |
| Pregis Corporation | 12.375 | 10/15/13 | 1,000,000 | 981,490 |
| Service Corporation International (C) | 8.000 | 06/15/17 | 1,000,000 | 990,030 |
| Stewart & Stevenson LLC | 10.000 | 07/15/14 | 1,200,000 | 1,225,610 |
| Tekni-Plex, Inc. (C) | 9.750 | 11/15/13 | 650,000 | 655,900 |
| Tenaska Alabama Partners LP | 7.000 | 06/30/21 | 351,805 | 351,800 |
| Tunica-Biloxi Gaming Authority | 9.000 | 11/15/15 | 1,000,000 | 1,032,770 |

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| | | |
|---------------------------------------|-----|--------------|
| TOTAL BONDS | | 13,319,29 |
| <hr/> | | |
| COMMON STOCK - 0.00% | | |
| Jordan Telecom Products | 70 | \$ 14,00 |
| <hr/> | | |
| TOTAL COMMON STOCK | | 14,00 |
| <hr/> | | |
| WARRANTS - 0.00% | | |
| Winsloew Furniture, Inc. (B) | 900 | \$ |
| <hr/> | | |
| TOTAL WARRANTS | | |
| <hr/> | | |
| TOTAL RULE 144A SECURITIES | | 13,333,30 |
| <hr/> | | |
| TOTAL CORPORATE RESTRICTED SECURITIES | | \$185,334,62 |
| <hr/> | | |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

| | Interest Rate | Due Date | Principal Amount | Cost |
|---|------------------|-------------|---------------------|-----------|
| CORPORATE PUBLIC SECURITIES - 30.06%: (A) | ----- | ----- | ----- | ----- |
| BONDS - 27.93% | | | | |
| A M C Entertainment, Inc. | 11.000% | 02/01/16 | \$ 815,000 | \$ 817,37 |
| Abitibi-Consolidated, Inc. | 7.750 | 06/15/11 | 1,000,000 | 1,028,29 |
| Affinia Group, Inc. | 9.000 | 11/30/14 | 910,000 | 834,62 |
| Alamosa Delaware, Inc. | 11.000 | 07/31/10 | 325,000 | 328,95 |
| Alamosa Delaware, Inc. | 8.500 | 01/31/12 | 400,000 | 400,00 |
| ALH Fin LLC/ALH Fin Corporation | 8.500 | 01/15/13 | 950,000 | 918,81 |
| Allied Waste NA | 7.875 | 04/15/13 | 1,000,000 | 1,022,84 |
| Appleton Papers, Inc. | 8.125 | 06/15/11 | 300,000 | 300,00 |
| Argo Tech Corporation | 9.250 | 06/01/11 | 850,000 | 850,00 |
| Atlas Pipeline Partners | 8.125 | 12/15/15 | 200,000 | 200,00 |
| Bally Total Fitness Holding Corporation | 9.875 | 10/15/07 | 135,000 | 128,92 |
| BCP Crystal US Holdings Corporation | 9.625 | 06/15/14 | 485,000 | 485,00 |
| Blockbuster, Inc. (C) | 9.000 | 09/01/12 | 475,000 | 476,00 |
| CCH I Holdings LLC | 11.000 | 10/01/15 | 1,000,000 | 890,00 |
| CCH I Holdings LLC | 11.125 | 01/15/14 | 1,000,000 | 640,43 |
| Cablevision Systems Corporation | 8.000 | 04/15/12 | 1,000,000 | 1,014,07 |
| Cadmus Communications Corporation | 8.375 | 06/15/14 | 1,000,000 | 995,62 |
| Cenveo Corporation | 7.875 | 12/01/13 | 1,100,000 | 1,100,00 |
| Chemed Corporation | 8.750 | 02/24/11 | 1,125,000 | 1,125,00 |
| Chesapeake Energy Corporation | 7.000 | 08/15/14 | 1,075,000 | 1,111,86 |
| Cincinnati Bell, Inc. | 8.375 | 01/15/14 | 1,100,000 | 1,007,50 |
| Clayton Williams Energy, Inc. | 7.750 | 08/01/13 | 800,000 | 800,00 |
| Consolidated Container Corporation (E) | 0.000 | 06/15/09 | 750,000 | 719,53 |
| Del Monte Corporation | 8.625 | 12/15/12 | 225,000 | 225,00 |
| Dollar Financial Group | 9.750 | 11/15/11 | 444,000 | 444,00 |
| Dominos Pizza, Inc. | 8.250 | 07/01/11 | 292,000 | 289,89 |
| Dynegy Holdings, Inc. | 6.875 | 04/01/11 | 500,000 | 422,50 |
| Dynegy Holdings, Inc. | 8.375 | 05/01/16 | 330,000 | 330,00 |
| El Paso Corporation | 7.875 | 06/15/12 | 1,050,000 | 1,061,83 |
| Esterline Technologies | 7.750 | 06/15/13 | 200,000 | 200,00 |
| Flextronics International Ltd. | 6.500 | 05/15/13 | 400,000 | 400,00 |

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| | | | | |
|--|--------|----------|-----------|----------|
| Ford Motor Credit Co. | 7.375 | 10/28/09 | 1,250,000 | 1,246,87 |
| Gencorp, Inc. | 9.500 | 08/15/13 | 259,000 | 259,00 |
| General Motors Acceptance Corporation | 7.750 | 01/19/10 | 1,250,000 | 1,296,46 |
| Geo Sub Corporation | 11.000 | 05/15/12 | 600,000 | 595,50 |
| Goodyear Tire & Rubber Co. | 7.857 | 08/15/11 | 1,400,000 | 1,342,75 |
| Great Lakes Dredge & Dock Corporation | 7.750 | 12/15/13 | 1,015,000 | 926,31 |
| GulfMark Offshore, Inc. | 7.750 | 07/15/14 | 565,000 | 562,59 |
| Houghton Mifflin Co. | 9.875 | 02/01/13 | 1,000,000 | 1,046,57 |
| Imax Corporation | 9.625 | 12/01/10 | 1,000,000 | 1,028,67 |
| Inergy LP | 8.250 | 03/01/16 | 150,000 | 150,00 |
| Insurance Auto Auctions, Inc. | 11.000 | 04/01/13 | 1,000,000 | 1,009,29 |
| Intelsat Subsidiary Holding Company Ltd. (C) | 9.614 | 01/15/12 | 1,000,000 | 1,009,72 |
| Interline Brands, Inc. | 8.125 | 06/15/14 | 325,000 | 322,67 |
| Iron Mountain, Inc. | 8.750 | 07/15/18 | 1,065,000 | 1,100,31 |
| 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 |
| Leucadia National Corporation | 7.000 | 08/15/13 | 650,000 | 661,35 |
| Liberty Media Corporation | 5.700 | 05/15/13 | 1,000,000 | 951,61 |
| Lodgenet Entertainment Corporation | 9.500 | 06/15/13 | 425,000 | 425,00 |
| Lyondell Chemical Co. | 9.500 | 12/15/08 | 530,000 | 516,36 |

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

| CORPORATE PUBLIC SECURITIES (A) (Continued) | Interest Rate | Due Date | Principal Amount | Cost |
|---|------------------|-------------|---------------------|-----------|
| BONDS, CONTINUED | | | | |
| M G M Mirage, Inc. | 6.000% | 10/01/09 | \$ 375,000 | \$ 378,56 |
| Mac-Gray Corporation | 7.625 | 08/15/15 | 600,000 | 600,00 |
| 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 |
| Markwest Energy Operating Co. | 6.875 | 11/01/14 | 475,000 | 475,00 |
| Mediacom LLC | 9.500 | 01/15/13 | 1,000,000 | 1,002,12 |
| Metaldyne Corporation | 11.000 | 06/15/12 | 750,000 | 601,25 |
| Metaldyne Corporation (C) | 10.000 | 11/01/13 | 510,000 | 513,58 |
| Mrs. Fields Brands | 11.500 | 03/15/11 | 750,000 | 713,71 |
| N R G Energy, Inc. | 7.375 | 02/01/16 | 175,000 | 175,00 |
| Nalco Co. | 7.750 | 11/15/11 | 500,000 | 500,00 |
| National Wine & Spirits, Inc. | 10.125 | 01/15/09 | 1,260,000 | 1,252,42 |
| Neiman Marcus Group, Inc. | 10.375 | 10/15/15 | 1,250,000 | 1,250,00 |
| Newark Group, Inc. | 9.750 | 03/15/14 | 850,000 | 796,86 |
| North American Energy Partners | 8.750 | 12/01/11 | 400,000 | 400,00 |
| Nova Chemicals Corporation (C) | 8.405 | 11/15/13 | 475,000 | 475,00 |
| NTL Cable PLC | 9.125 | 08/15/16 | 980,000 | 1,003,22 |
| O E D Corp/Diamond Jo Company Guarantee | 8.750 | 04/15/12 | 1,000,000 | 985,96 |
| Offshore Logistics, Inc. | 6.125 | 06/15/13 | 450,000 | 450,00 |
| P Q Corporation | 7.500 | 02/15/13 | 1,100,000 | 1,088,75 |
| Pacific Energy Partners | 7.125 | 06/15/14 | 500,000 | 503,81 |
| Pacific Energy Partners | 6.250 | 09/15/15 | 150,000 | 149,31 |
| Pinnacle Foods Group | 8.250 | 12/01/13 | 450,000 | 450,00 |
| Pliant Corporation (C) | 11.850 | 06/15/09 | 833,687 | 832,98 |
| Primedia, Inc. | 8.000 | 05/15/13 | 1,000,000 | 1,023,35 |
| Quality Distribution LLC | 9.000 | 11/15/10 | 300,000 | 288,00 |
| Quality Distribution LLC (C) | 10.007 | 01/15/12 | 325,000 | 323,37 |

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| | | | | |
|----------------------------------|--------|----------|-----------|-----------|
| Quicksilver Resources, Inc | 7.125 | 04/01/16 | 500,000 | 500,000 |
| Rent-A-Center, Inc. | 7.500 | 05/01/10 | 400,000 | 400,000 |
| Rent-Way, Inc. | 11.875 | 06/15/10 | 800,000 | 832,750 |
| Rock-Tenn Co. | 8.200 | 08/15/11 | 1,000,000 | 1,006,790 |
| Rogers Wireless, Inc. | 7.250 | 12/15/12 | 165,000 | 165,000 |
| Rogers Wireless, Inc. | 7.500 | 03/15/15 | 870,000 | 929,180 |
| Rogers Wireless, Inc. | 8.000 | 12/15/12 | 165,000 | 165,000 |
| Samsonite Corporation | 8.875 | 06/01/11 | 1,000,000 | 1,038,330 |
| Sbarro, Inc. | 11.000 | 09/15/09 | 1,000,000 | 1,013,150 |
| Sheridan Acquisition Corporation | 10.250 | 08/15/11 | 375,000 | 370,000 |
| Sierra Pacific Resources | 6.750 | 08/15/17 | 635,000 | 638,200 |
| Stanadyne Corporation | 10.000 | 08/15/14 | 1,500,000 | 1,500,000 |
| Sungard Data Systems | 9.125 | 08/15/13 | 175,000 | 175,000 |
| 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 |
| Tenet Healthcare Corporation | 9.875 | 07/01/14 | 500,000 | 488,370 |
| Tenneco, Inc. | 8.625 | 11/15/14 | 1,000,000 | 1,002,500 |
| Texas Industries, Inc. | 7.250 | 07/15/13 | 70,000 | 70,000 |
| Trimas Corporation | 9.875 | 06/15/12 | 625,000 | 566,250 |
| Triton P C S, Inc. | 8.500 | 06/01/13 | 550,000 | 550,000 |
| Unisys Corporation | 8.000 | 10/15/12 | 190,000 | 190,000 |
| United Components, Inc. | 9.375 | 06/15/13 | 1,080,000 | 1,081,710 |
| United Rentals, Inc. | 7.750 | 11/15/13 | 625,000 | 625,000 |
| United Rentals, Inc. | 7.000 | 02/15/14 | 500,000 | 500,000 |
| Universal City Florida | 8.375 | 05/01/10 | 200,000 | 200,000 |

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
(Unaudited)

| CORPORATE PUBLIC SECURITIES (A) (Continued) | Interest Rate | Due Date | Shares or Principal Amount | Cost |
|---|---------------|----------|----------------------------|------------|
| BONDS, CONTINUED | | | | |
| Universal City Florida (C) | 10.239% | 05/01/10 | \$ 200,000 | \$ 200,000 |
| Vertis, Inc. | 10.875 | 06/15/09 | 280,000 | 275,400 |
| Vought Aircraft Industries | 8.000 | 07/15/11 | 1,000,000 | 999,890 |
| Warner Music Group | 7.375 | 04/15/14 | 275,000 | 275,000 |
| Waste Services, Inc. | 9.500 | 04/15/14 | 1,100,000 | 1,124,730 |
| Wornick Co. | 10.875 | 07/15/11 | 750,000 | 750,000 |
| TOTAL BONDS | | | | 73,020,340 |
| COMMON STOCK - 1.04% | | | | |
| Bally Total Fitness Holding Corporation (B) | | | 600 | \$ 5,520 |
| Bare Escentuals, Inc (B) | | | 400 | 8,800 |
| PepsiAmericas, Inc. | | | 92,145 | 2,006,360 |
| Supreme Industries, Inc. | | | 115,722 | 267,320 |
| TOTAL COMMON STOCK | | | | 2,288,010 |
| CONVERTIBLE BONDS - 1.09% | | | | |
| Citadel Broadcasting Corporation | 1.875% | 02/15/11 | \$ 700,000 | \$ 543,370 |
| Graftech International | 1.625 | 01/15/24 | 1,500,000 | 1,083,750 |
| ICOS Corporation | 2.000 | 07/01/23 | 750,000 | 596,250 |

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| | | | | |
|-----------------------------------|---------------------|----------|------------------|--------------|
| Q L T, Inc. | 3.000 | 09/15/23 | 600,000 | 546,25 |
| TOTAL CONVERTIBLE BONDS | | | | 2,769,63 |
| TOTAL CORPORATE PUBLIC SECURITIES | | | | \$ 78,077,98 |
| SHORT-TERM SECURITIES: | | | | |
| | Interest Rate/Yield | Due Date | Principal Amount | Cost |
| COMMERCIAL PAPER - 2.30% | | | | |
| Detroit Edison Co. | 5.300% | 10/02/06 | \$ 3,777,000 | \$ 3,775,88 |
| Kraft Foods, Inc. | 5.310 | 10/03/06 | 789,000 | 788,65 |
| Kraft Foods, Inc. | 5.330 | 10/04/06 | 1,475,000 | 1,474,12 |
| TOTAL SHORT-TERM SECURITIES | | | | \$ 6,038,66 |
| TOTAL INVESTMENTS | | 102.53% | \$269,451,27 | |
| Other Assets | 5.93 | | | |
| Liabilities | (8.46) | | | |
| TOTAL NET ASSETS | | 100.00% | ===== | |

- (A) In each of the convertible note, warrant, convertible preferred and common stock investments, has agreed to provide certain registration rights.
 (B) Non-income producing security.
 (C) Variable rate security; rate indicated is as of 09/30/06.
 (D) Defaulted Security; interest not accrued.
 (E) Step Bond: Coupon rate is zero or below market for an initial period and then increases to a coupon rate at a specified date.

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
 (Unaudited)

| INDUSTRY CLASSIFICATION: | Fair Value/ Market Value | |
|---------------------------------------|-----------------------------|-----------------------------|
| AEROSPACE - 2.86% | | BUILDINGS & REAL ESTATE - |
| Argo Tech Corporation | \$ 884,000 | Adorn, Inc. |
| Consolidated Foundries Holdings | 2,659,446 | Texas Industries, Inc. |
| Esterline Technologies | 202,000 | TruStile Doors, Inc. |
| Gencorp, Inc. | 269,360 | |
| P A S Holdco LLC | 2,591,219 | |
| Vought Aircraft Industries | 917,500 | |
| | ----- | CHEMICAL, PLASTICS & RUBBER |
| | 7,523,525 | BCP Crystal US Holding Cor |
| | ----- | Capital Specialty Plastics |
| AUTOMOBILE - 10.40% | | Koppers, Inc. |
| American Tire Distributor | 911,250 | Lyondell Chemical Co. |
| Ford Motor Credit Co. | 1,214,755 | Nalco Co. |
| Fuel Systems Holding Corporation | 2,537,992 | Nova Chemicals Corporation |
| General Motors Acceptance Corporation | 1,280,805 | P Q Corporation |
| Goodyear Tire & Rubber Co. | 1,361,500 | |

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| | |
|---|------------|
| Jason, Inc. | 1,988,171 |
| LIH Investors, L.P. | 4,073,775 |
| Metaldyne Corporation | 1,190,100 |
| Nyloncraft, Inc. | 2,491,054 |
| Ontario Drive & Gear Ltd. | 2,499,910 |
| Qualis Automotive LLC | 3,171,667 |
| Tenneco, Inc. | 987,500 |
| Transtar Holding Company | 2,558,127 |
| United Components, Inc. | 1,069,200 |
| | ----- |
| | 27,335,806 |
| | ----- |
| BEVERAGE, DRUG & FOOD - 5.83% | |
| Beta Brands Ltd. | -- |
| Cains Foods, L.P. | 143,302 |
| Del Monte Corporation | 235,969 |
| Dominos, Inc. | 306,600 |
| Eagle Pack Pet Foods, Inc. | 1,597,339 |
| Land O'Lakes, Inc. | 795,000 |
| Mrs. Fields Brands | 630,000 |
| National Wine & Spirits, Inc. | 1,272,600 |
| Nonni's Food Company | 2,224,709 |
| PepsiAmericas, Inc. | 1,966,374 |
| Pinnacle Foods Group | 450,563 |
| River Ranch Fresh Foods LLC | 1,473,334 |
| Sbarro, Inc. | 1,017,500 |
| Specialty Foods Group, Inc. | -- |
| Vitality Foodservice, Inc. | 2,457,669 |
| Wornick Co. | 746,250 |
| | ----- |
| | 15,317,209 |
| | ----- |
| BROADCASTING & ENTERTAINMENT - 2.63% | |
| CCH I Holdings LLC | 1,612,500 |
| Cablevision Systems Corporation | 1,012,500 |
| Cenveo Corporation | 1,042,250 |
| Charter Communications Op LLC | 251,875 |
| Citadel Broadcasting Corporation | 569,625 |
| Liberty Media Corporation | 943,621 |
| Lodgenet Entertainment Corporation | 454,750 |
| Mediacom LLC | 1,022,500 |
| | ----- |
| | 6,909,621 |
| | ----- |

CONSUMER PRODUCTS - 7.63%
 ALH Fin LLC/ALH Fin Corpor
 Augusta Sportswear Holding
 Bravo Sports Holding Corpo
 Euro-Pro Corporation
 G F S I, Inc.
 K N B Holdings Corporation
 Momentum Holding Co.
 Neff Motivation, Inc.
 Royal Baths Manufacturing
 The Tranzonic Companies
 Walls Industries, Inc.
 Winslow Furniture, Inc.

CONTAINERS, PACKAGING
 & GLASS - 5.58%
 Consolidated Container Cor
 Flutes, Inc.
 Maverick Acquisition Compa
 P I I Holding Corporation
 Packaging Dynamics Corpora
 Paradigm Packaging, Inc.
 Pliant Corporation
 Pregis Corporation
 Tekni-Plex, Inc.
 Vitex Packaging, Inc.

DISTRIBUTION - 3.51%
 Affina Group, Inc.
 Corvest Group, Inc.
 Kele and Associates, Inc.
 Magnatech International, I
 O R S Nasco Holding, Inc.
 Qualserv Corporation
 Strategic Equipment & Supp

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.)

MASSMUTUAL CORPORATE INVESTORS

September 30, 2006
 (Unaudited)

INDUSTRY CLASSIFICATION: (Cont.)

Fair Value/
 Market Value

DIVERSIFIED/CONGLOMERATE,
 MANUFACTURING - 6.97%
 Activant Solutions, Inc.

\$ 138,750

HEALTHCARE, EDUCATION &
 CHILDCARE - 3.90%
 A T I Acquisition Company

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| | | |
|--|------------|-----------------------------|
| AmerCable, Inc. | 1,519,203 | American Hospice Management |
| Arrow Tru-Line Holdings, Inc. | 2,381,335 | F H S Holding LLC |
| Bombardier, Inc. | 897,500 | ICOS Corporation |
| Coining Corporation of America LLC | 2,250,938 | Interactive Health LLC |
| Dexter Magnetics Technologies, Inc. | 1,213,807 | MedAssist, Inc. |
| Douglas Dynamics LLC | 595,350 | Q L T, Inc. |
| Evans Consoles, Inc. | -- | Tenet Healthcare Corporati |
| Geo Sub Corporation | 618,000 | |
| Graftech International | 1,078,125 | |
| Great Lakes Dredge & Dock Corporation | 943,950 | |
| Radiac Abrasives, Inc. | 2,507,255 | HOME & OFFICE FURNISHINGS, |
| Trimas Corporation | 578,125 | HOUSEWARES, AND DURABLE |
| Truck Bodies & Equipment International | 3,603,089 | CONSUMER PRODUCTS - 6.45 |
| | ----- | Connor Sport Court Interna |
| | 18,325,427 | H M Holding Company |
| | ----- | Home Decor Holding Company |
| DIVERSIFIED/CONGLOMERATE, | | Justrite Manufacturing Acq |
| SERVICE - 5.69% | | Monessen Holding Corporati |
| Allied Waste NA | 1,022,500 | Samsonite Corporation |
| Bare Escentuals, Inc. | 10,860 | Stanton Carpet Holding Co. |
| CapeSuccess LLC | 5,862 | U-Line Corporation |
| Chemed Corporation | 1,167,188 | |
| Diversco, Inc./DHI Holdings, Inc. | 2,505,724 | |
| Dwyer Group, Inc. | 2,826,280 | |
| Fowler Holding, Inc. | 2,548,083 | LEISURE, AMUSEMENT, |
| Interline Brands, Inc. | 329,062 | ENTERTAINMENT - 4.09% |
| Iron Mountain, Inc. | 1,104,938 | A M C Entertainment, Inc. |
| Keystone North America, Inc. | 289,071 | Bally Total Fitness Holdin |
| Mac-Gray Corporation | 612,000 | IMAX Corporation |
| Moss, Inc. | 1,565,974 | Keepsake Quilting, Inc. |
| Service Corporation International | 957,500 | M G M Mirage, Inc. |
| | ----- | Majestic Star Casino LLC |
| | 14,945,042 | O E D Corp/Diamond Jo Comp |
| | ----- | Overton's Holding Company |
| ELECTRONICS - 1.91% | | Savage Sports Holding, Inc |
| A E S Corporation | 215,500 | Tunica-Biloxi Gaming Autho |
| Calpine Corporation | 503,750 | Universal City Florida |
| Directed Electronics, Inc. | 3,908,557 | Warner Music Group |
| Flextronics International Ltd. | 396,000 | |
| | ----- | |
| | 5,023,807 | |
| | ----- | |
| FARMING & AGRICULTURE - 0.00% | | MACHINERY - 7.16% |
| Protein Genetics, Inc. | -- | Integration Technology Sys |
| | ----- | Manitowoc Company, Inc. |
| FINANCIAL SERVICES - 0.73% | | Maxon Corporation |
| Dollar Financial Group | 484,377 | Morton Industrial Group, I |
| East River Ventures I, L.P. | 8,104 | Safety Speed Cut Manufactu |
| Highgate Capital LLC | 2,947 | Stanadyne Corporation |
| Lazard LLC | 781,478 | Stewart & Stevenson LLC |
| Leucadia National Corporation | 656,500 | Supreme Industries, Inc. |
| Victory Ventures LLC | 2 | Synventive Equity LLC |
| | ----- | Tronair, Inc. |
| | 1,933,408 | Tubular Textile Machinery |
| | ----- | |

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September 30, 2006
(Unaudited)

| INDUSTRY CLASSIFICATION: (Cont.) | Fair Value/ Market Value | |
|-----------------------------------|-----------------------------|--|
| | ----- | |
| MEDICAL DEVICES/BIOTECH - 2.31% | | TECHNOLOGY - 1.85% |
| Coeur, Inc. | \$ 1,263,233 | C & J Spec-Rent Services, |
| E X C Acquisition Corporation | 129,824 | Sungard Data Systems |
| MicroGroup, Inc. | 3,137,493 | Unisys Corporation |
| OakRiver Technology, Inc. | 1,536,220 | |
| | ----- | |
| | 6,066,770 | |
| | ----- | TELECOMMUNICATIONS - 3.43% |
| MINING, STEEL, IRON & | | Alamosa Delaware |
| NON PRECIOUS METALS - 0.04% | | Cincinnati Bell, Inc. |
| U S S Holdings, Inc. | 108,991 | Intelsat Subsidiary Holding |
| | ----- | ITC^DeltaCom, Inc. |
| NATURAL RESOURCES - 0.86% | | Jordan Telecom Products |
| Abitibi-Consolidated, Inc. | 915,000 | NTL Cable PLC |
| Appleton Papers, Inc. | 300,000 | Rogers Wireless, Inc. |
| Rock-Tenn Co. | 1,040,000 | Telex Communications, Inc. |
| | ----- | Triton P C S, Inc. |
| | 2,255,000 | |
| | ----- | |
| OIL AND GAS - 1.73% | | TRANSPORTATION - 1.70% |
| Basic Energy Services | 217,125 | NABCO, Inc. |
| Brigham Exploration Co. | 682,500 | Quality Distribution LLC |
| Chesapeake Energy Corporation | 1,062,906 | Tangent Rail Corporation |
| Clayton Williams Energy, Inc. | 720,000 | |
| GulfMark Offshore, Inc. | 567,825 | |
| North American Energy Partners | 399,000 | UTILITIES - 2.30% |
| Offshore Logistics, Inc. | 421,875 | Atlas Pipeline Partners |
| Quicksilver Resources, Inc. | 473,750 | Dynegy Holdings, Inc. |
| | ----- | Edison Mission Energy |
| | 4,544,981 | El Paso Corporation |
| | ----- | Inergy LP |
| PHARMACEUTICALS - 1.00% | | Markwest Energy Operating |
| CorePharma LLC | 2,532,288 | N R G Energy, Inc. |
| Enzymatic Therapy, Inc. | 106,250 | Pacific Energy Partners |
| | ----- | Petrohawk Energy Corporati |
| | 2,638,538 | Sierra Pacific Resources |
| | ----- | Tenaska Alabama Partners L |
| PUBLISHING/PRINTING - 1.68% | | |
| Cadmus Communications Corporation | 967,500 | WASTE MANAGEMENT/ POLLUTION - 1.55% |
| Houghton Mifflin Co. | 1,057,500 | Terra Renewal Services, In |
| Newark Group, Inc. | 824,500 | Waste Services, Inc. |
| Primedia, Inc. | 907,500 | |
| Sheridan Acquisition Corporation | 379,688 | |
| Vertis, Inc. | 281,400 | |
| | ----- | |
| | 4,418,088 | |
| | ----- | |
| RETAIL STORES - 3.53% | | Total Corporate Restricted |
| Blockbuster, Inc. | 435,813 | Public Securities - 100.23 |
| Insurance Auto Auctions, Inc. | 995,000 | |
| Neiman Marcus Group, Inc. | 1,350,000 | |
| Olympic Sales, Inc. | 4,070,490 | |
| Rent-A-Center, Inc. | 402,000 | |
| Rent-Way, Inc. | 928,000 | |

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| | |
|----------------------|-----------|
| United Rentals, Inc. | 1,085,625 |
| | ----- |
| | 9,266,928 |
| | ----- |

INCOME TAX INFORMATION

The aggregate cost of investments was substantially the same for financial reporting and federal 30, 2006. The net unrealized depreciation of investments for financial reporting and federal tax is \$14,855 and consists of \$22,811,678 appreciation and \$22,826,533 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 27, 2006

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

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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

Date November 27, 2006

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

James M. Roy, Vice President and
Chief Financial Officer

Date November 27, 2006

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