

MASSMUTUAL CORPORATE INVESTORS

Form N-Q

May 28, 2010

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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, Springfield, MA 01115

(Address of principal executive offices) (Zip code)

Patricia J. Walsh, 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: 03/31/10

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ITEM 1. SCHEDULE OF INVESTMENTS.

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS
 March 31, 2010
 (Unaudited)

	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
CORPORATE RESTRICTED SECURITIES - 91.53%:(A)		
PRIVATE PLACEMENT INVESTMENTS - 84.12%		
A E COMPANY, INC.		
A designer and manufacturer of machined parts and assembly structures for the commercial and military		
11% Senior Secured Note due 2015	\$ 1,413,462	*
13% Senior Subordinated Note due 2016	\$ 1,413,461	11/10/09
Common Stock (B)	323,077 shs.	11/10/09
Warrant, exercisable until 2019, to purchase common stock at \$.01 per share (B)	161,538 shs.	11/10/09
* 11/10/09 and 11/18/09.		
A H C HOLDING COMPANY, INC.		
A designer and manufacturer of boilers and water heaters for the commercial sector.		
15% Senior Subordinated Note due 2015	\$ 2,497,509	11/21/07
Limited Partnership Interest (B)	23.16% int.	11/21/07
A S A P INDUSTRIES LLC		
A designer and manufacturer of components used on oil and natural gas wells.		
12.5% Senior Subordinated Note due 2015	\$ 850,946	12/31/08
Limited Liability Company Unit Class A-2 (B)	1,276 uts.	12/31/08
Limited Liability Company Unit Class A-3 (B)	1,149 uts.	12/31/08
A S C GROUP, INC.		
A designer and manufacturer of high reliability encryption equipment, communications products, components primarily for the military and aerospace sectors.		
12.75% Senior Subordinated Note due 2016	\$ 2,318,182	10/09/09
Limited Liability Company Unit Class A (B)	2,359 uts.	10/09/09
Limited Liability Company Unit Class B (B)	2,782 uts.	10/09/09
A W X HOLDINGS CORPORATION		
A provider of aerial equipment rental, sales and repair services to non-residential construction operating in the State of Indiana.		
10.5% Senior Secured Term Note due 2014	\$ 735,000	05/15/08
13% Senior Subordinated Note due 2015	\$ 735,000	05/15/08
Common Stock (B)	105,000 shs.	05/15/08
Warrant, exercisable until 2015, to purchase common stock at \$.01 per share (B)	36,923 shs.	05/15/08

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 March 31, 2010
 (Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
ADVANCED TECHNOLOGIES HOLDINGS		
A provider of factory maintenance services to industrial companies.		
15% Senior Subordinated Note due 2013	\$ 2,182,626	12/27/07
Preferred Stock (B)	1,031 shs.	12/27/07
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
ALL CURRENT HOLDING COMPANY		
A specialty re-seller of essential electrical parts and components primarily serving wholesale di		
12% Senior Subordinated Note due 2015	\$ 1,140,317	09/26/08
Common Stock (B)	1,347 shs.	09/26/08
Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	958 shs.	09/26/08
AMERICAN HOSPICE MANAGEMENT HOLDING LLC		
A for-profit hospice care provider in the United States.		
12% Senior Subordinated Note due 2013	\$ 3,187,495	*
Preferred Class A Unit (B)	3,223 uts.	**
Preferred Class B Unit (B)	1,526 uts.	06/09/08
Common Class B Unit (B)	30,420 uts.	01/22/04
Common Class D Unit (B)	6,980 uts.	09/12/06
* 01/22/04 and 06/09/08. ** 01/22/04 and 09/12/06.		
APEX ANALYTIX HOLDING CORPORATION		
A provider of audit recovery and fraud detection services and software to commercial and retail b		
12.5% Senior Subordinated Note due 2016	\$ 1,912,500	04/28/09
Preferred Stock Series B (B)	3,065 shs.	04/28/09
Common Stock (B)	1,366 shs.	04/28/09

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 March 31, 2010
 (Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
ARROW TRU-LINE HOLDINGS, INC.		
A manufacturer of hardware for residential and commercial overhead garage doors in North America.		
14% Senior Subordinated Note due 2012	\$ 1,859,060	05/18/05
Preferred Stock (B)	63 shs.	10/16/09
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
BRAVO SPORTS HOLDING CORPORATION		
A designer and marketer of niche branded consumer products including canopies, trampolines, in-line 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
CDNT, INC.		
A value-added converter and distributor of specialty pressure sensitive adhesives, foams, films,		
10.5% Senior Secured Term Note due 2014	\$ 750,872	08/07/08
12.5% Senior Subordinated Note due 2015	\$ 750,872	08/07/08
Common Stock (B)	73,256 shs.	08/07/08
Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	57,600 shs.	08/07/08
CAPITAL SPECIALTY PLASTICS, INC.		
A producer of desiccant strips used for packaging pharmaceutical products.		
Common Stock (B)	109 shs.	*
* 12/30/97 and 05/29/99.		
CLOUGH, HARBOUR AND ASSOCIATES		
An engineering service firm that is located in Albany, NY.		
12.25% Senior Subordinated Note due 2015	\$ 2,400,000	12/02/08
Preferred Stock (B)	277 shs.	12/02/08

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 March 31, 2010
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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
COEUR, INC.		
A producer of proprietary, disposable power injection syringes.		
12% Senior Subordinated Note due 2016	\$ 1,214,286	10/10/08
Common Stock (B)	607 shs.	10/10/08
Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	934 shs.	10/10/08
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 f		
Preferred Stock Series B-2 (B)	17,152 shs.	07/05/07
Preferred Stock Series C (B)	8,986 shs.	07/05/07
Common Stock (B)	718 shs.	07/05/07
Limited Partnership Interest (B)	12.64% int.	*
*08/12/04 and 01/14/05.		
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
CRANE RENTAL CORPORATION		
A crane rental company.		
13% Senior Subordinated Note due 2015	\$ 2,295,000	08/21/08
Common Stock (B)	255,000 shs.	08/21/08
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	136,070 shs.	08/21/08

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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
CUSTOM ENGINEERED WHEELS, INC.		
A manufacturer of custom engineered, non-pneumatic plastic wheels and plastic tread cap tires used in products and wheelchairs.		
12.5% Senior Subordinated Note due 2016	\$ 2,182,212	10/27/09
Preferred Stock PIK	296 shs.	10/27/09
Preferred Stock Series A	216 shs.	10/27/09
Common Stock (B)	72 shs.	10/27/09
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	53 shs.	10/27/09
DAVIS-STANDARD LLC		
A manufacturer, assembler, and installer of a broad range of capital equipment that is used in the processing of plastic materials.		
12% Senior Subordinated Note due 2014	\$ 1,847,826	10/30/06
Limited Partnership Interest (B)	1.82% int.	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
DIVERSCO, INC./DHI HOLDINGS, INC.		
A contract provider of janitorial and equipment maintenance services and temporary production labor.		
Membership Interests of MM/Lincap Diversco Investments Ltd. LLC (B)	27.20% int.	08/27/98
Preferred Stock (B)	2,586 shs.	12/14/01
Warrants, exercisable until 2011, to purchase common stock of DHI Holdings, Inc. at \$.01 per share (B)	13,352 shs.	*
* 10/24/96 and 08/28/98.		
DUNCAN SYSTEMS, INC.		
A distributor of windshields and side glass for the recreational vehicle market.		
10% Senior Secured Term Note due 2013	\$ 405,000	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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
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
*10/30/03 and 01/02/04.		
E S P Holdco, Inc.		
A manufacturer of power protection technology for commercial office equipment, primarily supplying network.		
14% Senior Subordinated Note due 2015	\$ 2,321,162	01/08/08
Common Stock (B)	660 shs.	01/08/08
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
Eatem Holding Company		
A developer and manufacturer of savory flavor systems for soups, sauces, gravies, and other products for retail and foodservice end products.		
12.5% Senior Subordinated Note due 2018	\$ 2,850,000	02/01/10
Common Stock	150 shs.	02/01/10
Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	358 shs.	02/01/10
F C X Holdings Corporation		
A distributor of specialty/technical valves, actuators, accessories, and process instrumentation high purity, and energy end markets in North America.		
15% Senior Subordinated Note due 2015	\$ 2,208,822	10/06/08
Preferred Stock (B)	4,341 shs.	10/06/08
Common Stock (B)	3,069 shs.	10/06/08
F H S Holdings LLC		
A national provider of customized disease management services to large self-insured employers.		
12% Senior Subordinated Note due 2014 (D)	\$ 2,390,625	06/01/06
Limited Liability Company Units of Linden/FHS Holdings LLC (B)	159 uts.	06/01/06
Common Unit Class B (B)	1,386 uts.	06/01/06

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

March 31, 2010

(Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
FLUTES, INC.		
An independent manufacturer of micro fluted corrugated sheet material for the food and consumer p		
10% Senior Secured Term Note due 2013 (D)	\$ 918,385	04/13/06
14% Senior Subordinated Note due 2014 (D)	\$ 555,059	04/13/06
GOLDEN COUNTY FOODS HOLDING, INC.		
A manufacturer of frozen appetizers and snacks.		
16% Senior Subordinated Note due 2015	\$ 1,912,500	11/01/07
16% PIK Note due 2015	\$ 400,977	12/31/08
8% Series A Convertible Preferred Stock, convertible into fully dilluted common shares (B)	146,658 shs.	11/01/07
H M HOLDING COMPANY		
A designer, manufacturer, and importer of promotional and wood furniture.		
7.5% Senior Subordinated Note due 2013 (D)	\$ 685,100	10/15/09
Preferred Stock (B)	40 shs.	*
Preferred Stock Series B (B)	2,055 shs.	10/15/09
Common Stock (B)	340 shs.	02/10/06
Common Stock Class C (B)	560 shs.	10/15/09
Warrant, exercisable until 2013, to purchase common stock at \$.02 per share (B)	126 shs.	02/10/06
* 09/18/07 and 06/27/08.		
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.	*
* 06/30/04 and 08/19/04.		

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

March 31, 2010

(Unaudited)

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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
HOSPITALITY MINTS HOLDING COMPANY		
A manufacturer of individually-wrapped imprinted promotional mints.		
12% Senior Subordinated Note due 2016	\$ 2,075,581	08/19/08
Common Stock (B)	474 shs.	08/19/08
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	123 shs.	08/19/08
INSURANCE CLAIMS MANAGEMENT, INC.		
A third party administrator providing auto and property claim administration services for insurance		
Common Stock (B)	69 shs.	02/27/07
Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	20 shs.	02/27/07
INTERNATIONAL OFFSHORE SERVICES LLC		
A leading provider of marine transportation services, platform decommissioning, and salvage services in shallow waters of the Gulf of Mexico.		
14.25% Senior Subordinated Secured Note due 2017	\$ 2,550,000	07/07/09
Limited Liability Company Unit (B)	3,112 uts.	07/07/09
JASON, INC.		
A diversified manufacturing company serving various industrial markets.		
13% Senior Subordinated Note due 2010	\$ 963,687	08/04/00
Limited Partnership Interest of Saw Mill Capital Fund II, L.P. (B)	2.50% int.	08/03/00
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	50,870 shs.	08/04/00
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 H O F HOLDINGS, INC.		
A manufacturer of premium disposable tableware products serving both the foodservice and consumer markets		
14% Senior Subordinated Note due 2014	\$ 2,446,554	10/15/07
Common Stock (B)	220,673 shs.	10/15/07

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

March 31, 2010

(Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
K N B HOLDINGS CORPORATION		
A designer, manufacturer and marketer of products for the custom framing market.		
15.5% Senior Subordinated Note due 2013	\$ 3,012,887	05/25/06
Common Stock (B)	134,210 shs.	05/25/06
Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B)	82,357 shs.	05/25/06
K P I HOLDINGS, INC.		
Pace Industries is the largest player in the U.S. non-automotive, non-ferrous die casting segment.		
13% Senior Subordinated Note due 2014	\$ 2,106,522	07/16/08
Convertible Preferred Stock Series C (B)	55 shs.	06/30/09
Convertible Preferred Stock Series D (B)	24 shs.	09/17/09
Common Stock (B)	443 shs.	07/15/08
Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	734 shs.	*
* 07/16/08 and 09/17/09.		
K W P I HOLDINGS CORPORATION		
A manufacturer and distributor of vinyl windows and patio doors throughout the northwestern United States.		
18% Senior Subordinated Note due 2014	\$ 2,811,873	03/14/07
Common Stock (B)	232 shs.	03/13/07
Warrant, exercisable until 2019, to purchase preferred stock at \$.01 per share (B)	134 shs.	07/07/09
Warrant, exercisable until 2017, to purchase common stock at \$.01 per share (B)	167 shs.	03/14/07
K-TEK HOLDING CORPORATION		
A manufacturer of instrumentation for liquid and bulk solids level detection for process and storage.		
14% Senior Subordinated Note due 2015	\$ 2,287,451	12/20/07
Preferred Stock (B)	363,260 shs.	12/20/07
Common Stock (B)	102,616 shs.	12/20/07
L H D EUROPE HOLDING, INC.		
A non-carbonated beverage dispensing company focused on the foodservice industry.		
Common Stock (B)	85 shs.	12/28/09

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

March 31, 2010

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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
MVI HOLDING, INC.		
A manufacturer of large precision machined metal components used in equipment which services a va oil and gas, mining, and defense markets.		
13% Senior Subordinated Note due 2016	\$ 1,233,229	09/12/08
Common Stock (B)	61 shs.	09/12/08
Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	66 shs.	09/12/08
MAIL COMMUNICATIONS GROUP, INC.		
A provider of mail processing and handling services, lettershop services, and commercial printing		
12.5% Senior Subordinated Note due 2014	\$ 975,000	05/04/07
Limited Liability Company Unit (B)	24,109 uts.	*
Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)	3,375 shs.	05/04/07
* 05/04/07 and 01/02/08.		
MANHATTAN BEACHWEAR HOLDING COMPANY		
A designer and distributor of women's swimwear.		
12.5% Senior Subordinated Note due 2018	\$ 2,647,059	01/15/10
Common Stock (B)	353 shs.	01/15/10
Warrant, exercisable until 2019, to purchase common stock at \$.01 per share (B)	312 shs.	01/15/10
MAVERICK ACQUISITION COMPANY		
A manufacturer of capsules that cover the cork and neck of wine bottles.		
6.79% Senior Secured Tranche A Note due 2010 (C)	\$ 236,006	09/03/04
12.5% Senior Secured Tranche B Note due 2011	\$ 313,433	09/03/04
6.75% Senior Secured Revolver due 2011 (C)	\$ 50,933	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
MEDSYSTEMS HOLDINGS LLC		
A manufacturer of enteral feeding products, such as feeding tubes and other products related to a		
13% Senior Subordinated Note due 2015	\$ 1,166,548	08/29/08
Preferred Unit (B)	126 uts.	08/29/08
Common Unit Class A (B)	1,268 uts.	08/29/08
Common Unit Class B (B)	472 uts.	08/29/08

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

March 31, 2010

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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
MEGTEC HOLDINGS, INC.		
A supplier of industrial and environmental products and services to a broad array of industries.		
12% Senior Subordinated Note due 2016	\$ 2,161,017	09/24/08
Preferred Stock (B)	107 shs.	09/24/08
Limited Partnership Interest (B)	1.40% int.	09/16/08
Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	35 shs.	09/24/08
MICROGROUP, INC.		
A manufacturer of precision parts and assemblies, and a value-added supplier of metal tubing and		
12% Senior Subordinated Note due 2013 (D)	\$ 2,685,614	*
Common Stock (B)	450 shs.	*
Warrant, exercisable until 2013, to purchase common stock at \$.02 per share (B)	164 shs.	*
* 08/12/05 and 09/11/06.		
MILWAUKEE GEAR COMPANY		
A manufacturer of high-precision custom gears and gear drives used by original equipment manufact		
industries.		
13% Senior Subordinated Note due 2014	\$ 2,353,846	07/21/08
Preferred Stock (B)	263 shs.	07/21/08
Common Stock (B)	18 shs.	07/21/08
Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)	10 shs.	07/21/08
MOMENTUM HOLDING CO.		
A designer and supplier of upholstery fabric to commercial furniture manufacturers and architectu		
Limited Partnership Interest (B)	21.23% int.	08/04/06
Warrant, exercisable until 2014, to purchase common stock at \$.02 per share (B)	1,107 shs.	08/04/06
MONESSEN HOLDING CORPORATION		
A designer and manufacturer of a broad line of gas, wood, and electric hearth products and access		
14% Senior Subordinated Note due 2014 (D)	\$ 2,550,000	07/25/08
14% PIK Note due 2014 (D)	\$ 792,791	07/25/08
Warrant, exercisable until 2014, to purchase common stock at \$.02 per share (B)	152 shs.	03/31/06

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
NABCO, INC.		
A producer of explosive containment vessels in the United States.		
14% Senior Subordinated Note due 2014	\$ 625,000	02/24/06
Limited Liability Company Unit (B)	825 uts.	*
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	129 shs.	02/24/06

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

NAVIS GLOBAL

A designer, manufacturer, seller and servicer of finishing machinery for the knit and woven segments		
12% Senior Secured Term Note Series A due 2010	\$ 29,494	11/14/08
14% Senior Subordinated Note due 2014 (D)	\$ 1,338,613	05/28/04
10.75% Senior Secured Note due 2011 (D)	\$ 609,206	05/28/04

NESCO HOLDINGS CORPORATION

A sales and leasing company that provides equipment to the electric utility, telecommunications, and other industries		
12% Senior Secured 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

NETSHAPE TECHNOLOGIES, INC.

A manufacturer of powder metal and metal injection molded precision components used in industrial machinery		
12% Senior Subordinated Note due 2014	\$ 1,530,000	02/02/07
Limited Partnership Interest of Saw Mill PCG Partners LLC (B)	2.73% int.	02/01/07
Limited Liability Company Unit Class D of Saw Mill PCG Partners LLC (B)	15 uts.	*
Limited Liability Company Unit Class D- 1 of Saw Mill PCG Partners LLC (B)	82 uts.	09/30/09
Preferred Stock Class A (B)	1 sh.	12/18/08
Preferred Stock Class A-1 (B)	7 shs.	09/30/09
Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)	91 shs.	02/02/07

* 12/18/08 and 09/30/09.

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
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(Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
NORTHWEST MAILING SERVICES, INC.		
A producer of promotional materials for companies that use direct mail as part of their customer		
12% Senior Subordinated Note due 2016	\$ 2,281,579	07/09/09
Limited Partnership Interest (B)	2,684 uts.	07/09/09
Warrant, exercisable until 2019, to purchase common stock at \$.01 per share (B)	3,498 shs.	07/09/09
NYLONCRAFT, INC.		
A supplier of engineered plastic components for the automotive industry.		
10% Senior Secured Note due 2012	\$ 812,500	01/28/02
15% Senior Subordinated Note due 2012 (D)	\$ 500,000	01/28/02
Convertible Preferred Stock A (B)	1,000 shs.	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
OAKRIVER TECHNOLOGY, INC.		
Designs, engineers and assembles high precision automated process equipment for the medical device defibrillators and stents.		
10% Senior Secured Note due 2012	\$ 145,713	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 2010 (D)	\$ 1,022,000	08/07/98
12% Senior Subordinated Note due 2010 (D)	\$ 307,071	02/09/00
ONTARIO DRIVE & GEAR LTD.		
A manufacturer of all-wheel drive, off-road amphibious vehicles and related accessories.		
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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
PAS HOLDCO LLC		
An independent provider of maintenance, repair and overhaul services to the aerospace gas turbine		
14% Senior Subordinated Note due 2014	\$ 2,335,864	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 and medical sectors.		
14% Senior Subordinated Note due 2012	\$ 1,331,354	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		
12% Senior Subordinated Note due 2011	\$ 2,125,000	12/19/00
Membership Interests of MM/Lincap PPI Investments, Inc., LLC (B)	2.42% int.	12/21/00
PEARLMAN ENTERPRISES, INC.		
A developer and distributor of tools, equipment, and supplies to the natural and engineered stone		
Preferred Stock Series A (B)	2,334 shs.	05/22/09
Preferred Stock Series B (B)	13,334 shs.	05/22/09
Common Stock (B)	40,540 shs.	05/22/09

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

March 31, 2010

(Unaudited)

Principal Amount

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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Shares, Units or Ownership Percentage -----	Acquisition Date -----
POSTLE ALUMINUM COMPANY LLC		
A manufacturer and distributor of aluminum extruded products.		
3% Senior Subordinated PIK Note due 2014 (D)	\$ 2,198,100	10/02/06
Limited Liability Company Unit Class A	1,384 uts.	10/02/06
Limited Liability Company Unit	143 uts.	05/22/09
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	8,595 shs.	10/02/06
POWER SERVICES HOLDING COMPANY		
A provider of industrial motor repair services, predictive and preventative maintenance, and performing the petrochemical, mining, power generation, metals, and paper industries.		
12% Senior Subordinated Note due 2016	\$ 2,372,093	02/11/08
Limited Partnership Interest (B)	23.70% int.	02/11/08
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	1,322 shs.	02/11/08
PRECISION WIRE HOLDING COMPANY		
A manufacturer of specialty medical wires that are used in non-elective minimally invasive surgical		
14.25% Senior Subordinated Note due 2016	\$ 2,564,895	11/12/09
Warrant, exercisable until 2019, to purchase common stock at \$.01 per share (B)	206 shs.	11/12/09
QUALIS AUTOMOTIVE LLC		
A distributor of aftermarket automotive brake and chassis products.		
13% Senior Subordinated Note due 2012	\$ 1,742,711	05/28/04
Common Stock (B)	354,167 shs.	05/28/04
Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)	377,719 shs.	05/28/04
RAJ MANUFACTURING HOLDINGS LLC		
A designer and manufacturer of women's swimwear sold under a variety of licensed brand names.		
14.5% Senior Subordinated Note due 2014	\$ 2,434,074	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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
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Principal Amount
Shares, Units

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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	or Ownership Percentage -----	Acquisition Date -----
REI DELAWARE HOLDING, INC.		
An engineer and manufacturer of highly complex, close tolerance components, assemblies, tooling and primarily for aerospace, medical and defense/radar markets.		
12% Senior Subordinated Note due 2016	\$ 2,550,000	01/18/08
Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	6 shs.	01/18/08
ROYAL BATHS MANUFACTURING COMPANY		
A manufacturer and distributor of acrylic and cultured marble bathroom products.		
12.5% Senior Subordinated Note 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)	612 shs.	*
Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)	134 shs.	09/10/04
* 09/10/04 and 10/05/07.		
SENCORE HOLDING COMPANY		
A designer, manufacturer, and marketer of decoders, receivers and modulators sold to broadcasters operators for encoding/decoding analog and digital transmission video signals.		
12.5% Senior Subordinated Note due 2014	\$ 1,765,385	01/15/09
Common Stock (B)	131 shs.	01/15/09
Warrant, exercisable until 2019, to purchase common stock at \$.01 per share (B)	282 shs.	01/15/09
SMART SOURCE HOLDINGS LLC		
A short-term computer rental company.		
12% Senior Subordinated Note due 2015	\$ 2,223,076	*
Limited Liability Company Unit (B)	619 uts.	*
Warrant, exercisable until 2015, to purchase common stock at \$.01 per share (B)	157 shs.	*

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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
SPARTAN FOODS HOLDING COMPANY		
A manufacturer of branded pizza crusts and pancakes.		
12.5% Senior Subordinated Note due 2017	\$ 1,912,500	12/15/09
Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	257 shs.	12/15/09
SPECIALTY COMMODITIES, INC.		
A distributor of specialty food ingredients.		
13.25% Senior Subordinated Note due 2016	\$ 2,290,693	10/23/08
Common Stock (B)	30,000 shs.	10/23/08
Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	11,054 shs.	10/23/08
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
SUNDANCE INVESTCO LLC		
A provider of post-production services to producers of movies and television shows.		
Limited Liability Company Unit Class A	6,429 shs.	03/31/10
SYNTERACT HOLDINGS CORPORATION		
A provider of outsourced clinical trial management services to pharmaceutical and biotechnology c		
14% Senior Subordinated Note due 2016	\$ 2,591,006	09/02/08
Redeemable Preferred Stock Series A (B)	1,280 shs.	09/02/08
Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	12,803 shs.	09/02/08
T H I ACQUISITION, INC.		
A machine servicing company providing value-added steel services to long steel products.		
12% Senior Subordinated Note due 2016	\$ 2,550,000	01/14/08
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	9 shs.	01/14/08

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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
TANGENT RAIL CORPORATION		
A manufacturer of rail ties and provider of specialty services to the North American railroad industry.		
13% Senior Subordinated Note due 2015	\$ 2,217,385	10/14/05
Common Stock (B)	2,203 shs.	10/14/05
Warrant, exercisable until 2015, to purchase common stock at \$.01 per share (B)	1,192 shs.	09/30/08
TELECORPS HOLDINGS, INC.		
A provider of equipment and services to producers of television shows and motion pictures.		
12.75% Senior Subordinated Note due 2016	\$ 3,176,506	*
Common Stock (B)	270 shs.	09/02/09
Warrant, exercisable until 2019, to purchase common stock at \$.01 per share (B)	7,906 shs.	*
* 05/20/09 and 09/02/09.		
TERRA RENEWAL LLC		
A provider of wastewater residual management and required environmental reporting, permitting, and record keeping to companies involved in poultry and food processing.		
12% Senior Subordinated Note due 2014	\$ 1,162,110	*
6.79% Term Note due 2012 (C)	\$ 1,367,598	*
8.75% Term Note due 2012 (C)	\$ 1,446	*
Limited Partnership Interest of Saw Mill Capital Fund V, LLC (B)	3.97% int.	**
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	72 shs.	04/28/06
* 04/28/06 and 09/13/06. ** 03/01/05 and 10/10/08.		
TORRENT GROUP HOLDINGS, INC.		
A contractor specializing in the sales and installation of engineered drywells for the retention of nuisance water flow.		
12.5% Senior Subordinated Note due 2013 (D)	\$ 2,239,024	10/26/07
Series A Preferred Stock (B)	414 shs.	10/26/07
TOTAL E&S, 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 (D)	\$ 598,450	03/02/07

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
TRANSPAC HOLDING COMPANY		
A designer, importer and wholesaler of home decor and seasonal gift products.		
12% Senior Subordinated Note due 2015 (D)	\$ 1,773,006	10/31/07
Common Stock (B)	209 shs.	10/31/07
Warrant, exercisable until 2015, to purchase common stock at \$.01 per share (B)	94 shs.	10/31/07
TRANSTAR HOLDING COMPANY		
A distributor of aftermarket automotive transmission parts.		
12% Senior Subordinated Note due 2014	\$ 1,734,000	08/31/05
Common Stock (B)	1,078 shs.	*
Warrant, exercisable until 2013, to purchase common stock at \$.02 per share (B)	86 shs.	08/31/05
* 08/31/05 and 04/30/07.		
TRANZONIC COMPANIES (THE)		
A producer of commercial and industrial supplies, such as safety products, janitorial supplies, w supplies and sanitary care products.		
13% Senior Subordinated Note due 2010	\$ 2,712,000	02/05/98
Common Stock (B)	630 shs.	02/04/98
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	444 shs.	02/05/98
TRUCK BODIES & EQUIPMENT INTERNATIONAL		
A designer and manufacturer of accessories for heavy and medium duty trucks, primarily dump bodie bed bodies, landscape bodies and other accessories.		
16% Senior Subordinated Note due 2010 (D)	\$ 2,309,541	*
Preferred Stock Series B (B)	241 shs.	10/20/08
Common Stock (B)	742 shs.	*
Warrant, exercisable until 2013, to purchase common stock at \$.02 per share (B)	153 shs.	*
Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	1,054 shs.	10/20/08
* 07/19/05 and 12/22/05.		
TRUSTILE DOORS, INC.		
A manufacturer and distributor of interior doors.		
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	5,781 shs.	04/11/03

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
<p>UMA ENTERPRISES, INC. An importer and wholesaler of home decor products.</p>		
15% Senior Subordinated Note due 2015	\$ 1,773,283	02/08/08
Convertible Preferred Stock (B)	887 shs.	02/08/08
<p>U-LINE CORPORATION A manufacturer of high-end, built-in, undercounter ice making, wine storage and refrigeration app</p>		
14.5% Senior Subordinated Note due 2012	\$ 1,882,100	04/30/04
14.5% PIK Note due 2012	\$ 262,766	10/06/09
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
<p>VISIONEERING, INC. A designer and manufacturer of tooling and fixtures for the aerospace industry.</p>		
10.5% Senior Secured Term Loan due 2013	\$ 802,941	05/17/07
13% Senior Subordinated Note due 2014	\$ 648,530	05/17/07
18% PIK Convertible Preferred Stock (B)	37,381 shs.	03/13/09
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
<p>VITEX PACKAGING GROUP, INC. A manufacturer of specialty packaging, primarily envelopes and tags used on tea bags.</p>		
10% Senior Subordinated PIK Note due 2011 (D)	\$ 161,137	07/19/04
5% Senior Subordinated PIK Note due 2011 (D)	\$ 850,000	06/30/07
Class B Unit (B)	767,881 uts.	10/29/09
Class C Unit (B)	850,000 uts.	10/29/09
Limited Liability Company Unit Class A (B)	723,465 uts.	*
Limited Liability Company Unit Class B (B)	182,935 uts.	07/19/04
<p>*07/19/04 and 10/29/09.</p>		
<p>WAGGIN' TRAIN HOLDINGS LLC A producer of premium quality meat dog treats.</p>		
14% Senior Subordinated Note due 2014	\$ 2,230,702	11/15/07
Limited Liability Company Unit Class B (B)	423 uts.	11/15/07
Limited Liability Company Unit Class C (B)	423 uts.	11/15/07

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
WALLS INDUSTRIES, INC.		
A provider of branded workwear and sporting goods apparel.		
Limited Partnership Interest (B)	0.40% int.	07/12/04
Common Stock (B)	4,028 shs.	12/21/07
WELLBORN FOREST HOLDING CO.		
A manufacturer of semi-custom kitchen and bath cabinetry.		
14.13% 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 Interest (B)	23.16% int.	05/14/07
Warrant, exercisable until 2015, to purchase common stock at \$.02 per share (B)	88 shs.	05/14/07
XALOY SUPERIOR HOLDINGS, INC.		
A provider of melt processing components and ancillary equipment for both plastic injection molding		
15.5% Senior Subordinated Note due 2015 (D)	\$ 2,322,844	09/08/08
Common Stock (B)	283 shs.	09/08/08

TOTAL PRIVATE PLACEMENT INVESTMENTS (E)

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Interest Rate -----	Due Date -----	Principal Amount -----	Cost -----
RULE 144A SECURITIES - 7.41%:				
BONDS - 7.36%				
ACCO Brands Corporation	10.625%	03/15/15	\$ 100,000	\$ 98,59
Advanced Micro Devices, Inc.	8.125	12/15/17	750,000	714,80
American Tire Distributor (C)	6.501	04/01/12	1,000,000	950,00
Appleton Papers, Inc.	11.250	12/15/15	303,000	300,00

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Avis Budget Car Rental LLC	9.625	03/15/18	85,000	83,83
Cemex Finance LLC	9.500	12/14/16	375,000	392,76
Cenveo Corporation	10.500	08/15/16	100,000	100,00
Clear Channel Worldwide Holdings, Inc.	9.250	12/15/17	750,000	750,00
Coffeyville Resources LLC	9.000	04/01/15	140,000	139,31
Compucom Systems, Inc.	12.500	10/01/15	1,330,000	1,293,84
CONSOL Energy, Inc.	8.250	04/01/20	35,000	35,00
Cricket Communications, Inc.	9.375	11/01/14	750,000	754,90
Crosstex Energy, L.P.	8.875	02/15/18	225,000	220,34
Dae Aviation Holdings, Inc.	11.250	08/01/15	100,000	95,50
Douglas Dynamics LLC	7.750	01/15/12	1,010,000	954,30
Eastman Kodak Co.	9.750	03/01/18	750,000	734,84
Easton-Bell Sports, Inc.	9.750	12/01/16	320,000	328,22
Energy Future Holdings	10.000	01/15/20	100,000	100,00
G F S I, Inc. (C)	10.500	06/01/11	715,000	685,65
Gannett Company, Inc.	9.375	11/15/17	125,000	123,22
Great Atlantic & Pacific Tea Co.	11.375	08/01/15	75,000	73,19
Headwaters, Inc.	11.375	11/01/14	500,000	519,27
International Lease Finance Corporation	8.625	09/15/15	140,000	137,78
JohnsonDiversey, Inc.	8.250	11/15/19	100,000	99,17
L B I Escrow Corporation	8.000	11/01/17	195,000	195,00
Level 3 Financing, Inc.	10.000	02/01/18	750,000	745,49
McClatchy Co.	11.500	02/15/17	275,000	271,76
N F R Energy LLC	9.750	02/15/17	200,000	197,46
New Communications Holdings, Inc.	8.250	04/15/17	750,000	750,00
Packaging Dynamics Corporation of America	10.000	05/01/16	1,200,000	1,194,82
Pinnacle Foods Finance LLC	9.250	04/01/15	75,000	75,00
Reddy Ice Corporation	13.250	11/01/15	100,000	102,50
SandRidge Energy, Inc.	8.000	06/01/18	360,000	363,97
SandRidge Energy, Inc.	8.750	01/15/20	750,000	744,97
Sinclair Television Group, Inc.	9.250	11/01/17	425,000	413,79

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Interest Rate	Due Date	Shares or Principal Amount	Cost
Trimas Corporation	9.750%	12/15/17	\$ 75,000	\$ 73,52
Tunica-Biloxi Gaming Authority	9.000	11/15/15	1,075,000	1,098,68
T W Telecom Holdings, Inc.	8.000	03/01/18	20,000	19,85
Univision Communications, Inc.	12.000	07/01/14	200,000	214,69
ViaSystems, Inc.	12.000	01/15/15	175,000	168,80
West Corporation	11.000	10/15/16	150,000	159,36
TOTAL BONDS				16,474,29
CONVERTIBLE PREFERRED STOCK - 0.00%				
ETEX Corporation (B)			777	71
TOTAL CONVERTIBLE PREFERRED STOCK				71

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PREFERRED STOCK - 0.05%		
General Motors Acceptance Corporation, Inc.	143	45,000
TherOX, Inc. (B)	103	4,130

TOTAL PREFERRED STOCK		49,140

COMMON STOCK - 0.00%		
Touchstone Health Partnership (B)	1,168	4,250

TOTAL COMMON STOCK		4,250

TOTAL RULE 144A SECURITIES		16,528,400

TOTAL CORPORATE RESTRICTED SECURITIES		\$235,894,840

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 March 31, 2010
 (Unaudited)

CORPORATE PUBLIC SECURITIES - 19.35%: (A)	Interest Rate	Due Date	Principal Amount	Cost
	-----	-----	-----	-----
BONDS - 18.34%				
AMC Entertainment, Inc.	11.000%	02/01/16	\$ 1,000,000	\$ 1,003,390
Affinia Group, Inc.	9.000	11/30/14	50,000	48,500
American Axle & Manufacturing Holding, Inc.	7.875	03/01/17	750,000	608,620
American General Finance Corporation	6.500	09/15/17	375,000	322,500
Atlas Pipeline Partners	8.125	12/15/15	750,000	663,750
Bally Total Fitness Holdings Corporation (F)	14.000	10/01/13	104,062	74,050
Berry Plastics Corporation	8.875	09/15/14	750,000	705,000
Berry Plastics Corporation (C)	5.000	02/15/15	500,000	477,770
Bon-Ton Stores, Inc.	10.250	03/15/14	750,000	709,280
Boyd Gaming Corporation	6.750	04/15/14	150,000	137,250
Boyd Gaming Corporation	7.125	02/01/16	700,000	630,500
Brigham Exploration Co.	9.625	05/01/14	1,000,000	970,640
C I T Group, Inc.	7.000	05/01/15	790,000	738,000
Cenveo Corporation	7.875	12/01/13	1,300,000	1,192,500
Chaparral Energy, Inc.	8.875	02/01/17	1,000,000	991,780
Dynegy Holdings, Inc.	7.750	06/01/19	830,000	564,400
Exide Corporation	10.500	03/15/13	375,000	377,390
Ford Motor Credit Co.	7.450	07/16/31	500,000	441,500
Ford Motor Credit Co.	8.000	06/01/14	275,000	231,830
Gencorp, Inc.	9.500	08/15/13	259,000	259,000
Goodyear Tire & Rubber Co.	10.500	05/15/16	100,000	96,210
Great Lakes Dredge & Dock Corporation	7.750	12/15/13	1,000,000	948,750
Harrah's Operating Co.	11.250	06/01/17	325,000	313,500
Hawker Beechcraft Acquisition Co.	9.750	04/01/17	1,000,000	1,007,270
Hertz Corporation	10.500	01/01/16	750,000	775,940
Intelsat Bermuda Ltd.	9.250	06/15/16	1,365,000	1,406,680
Interline Brands, Inc.	8.125	06/15/14	1,000,000	992,540
International Coal Group, Inc.	9.125	04/01/18	175,000	173,770

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International Lease Finance Corporation	5.875	05/01/13	750,000	672,25
Kar Holdings, Inc.	8.750	05/01/14	50,000	50,00
Liberty Media Corporation	5.700	05/15/13	1,000,000	951,61
Manitowoc Company, Inc.	7.125	11/01/13	200,000	200,00
Mariner Energy, Inc.	11.750	06/30/16	160,000	155,73
Markwest Energy Operating Co.	6.875	11/01/14	70,000	55,57
Markwest Energy Operating Co.	8.750	04/15/18	125,000	123,97
Michaels Stores, Inc.	11.375	11/01/16	785,000	814,20
Nebraska Book Company, Inc.	8.625	03/15/12	750,000	676,87

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 March 31, 2010
 (Unaudited)

CORPORATE PUBLIC SECURITIES: (A) (Continued)	Interest Rate	Due Date	Principal Amount	Cost
	-----	-----	-----	-----
Newark Group, Inc.	9.750%	03/15/14	\$ 850,000	\$ 796,86
Nortek, Inc.	11.000	12/01/13	175,778	173,17
North American Energy Partners	8.750	12/01/11	1,165,000	1,170,09
Owens Corning, Inc.	9.000	06/15/19	55,000	54,11
Polypore, Inc.	8.750	05/15/12	1,000,000	965,00
Pregis Corporation	12.375	10/15/13	1,000,000	981,49
Quebecor Media, Inc.	7.750	03/15/16	1,050,000	978,23
Quiksilver, Inc.	6.875	04/15/15	215,000	197,71
RailAmerica, Inc.	9.250	07/01/17	270,000	259,41
Rental Service Corporation	9.500	12/01/14	750,000	728,64
Sabre Holdings Corporation	8.350	03/15/16	500,000	455,00
Sanmina-SCI Corporation	8.125	03/01/16	375,000	374,06
Seneca Gaming Corporation	7.250	05/01/12	500,000	477,50
Sheridan Acquisition Corporation	10.250	08/15/11	375,000	370,00
Speedway Motorsports, Inc.	8.750	06/01/16	70,000	67,89
Sprint Capital Corporation	6.900	05/01/19	625,000	575,53
Stanadyne Corporation	10.000	08/15/14	1,000,000	1,000,00
Stewart & Stevenson LLC	10.000	07/15/14	1,465,000	1,491,48
Stone Energy Corporation	8.625	02/01/17	750,000	740,34
T X U Energy Company LLC	10.250	11/01/15	350,000	356,17
Teck Resources Ltd.	10.750	05/15/19	65,000	61,87
Tekni-Plex, Inc.	8.750	11/15/13	650,000	653,57
Tenneco, Inc.	8.125	11/15/15	1,100,000	540,00
Texas Industries, Inc.	7.250	07/15/13	70,000	70,00
Thermadyne Holdings Corporation	11.500	02/01/14	115,000	115,86
Ticketmaster Entertainment, Inc.	10.750	07/28/16	500,000	500,00
Titan International, Inc.	8.000	01/15/12	1,070,000	1,062,10
Tube City IMS Corporation	9.750	02/01/15	1,000,000	966,19
United Components, Inc.	9.375	06/15/13	1,080,000	1,079,88
United Rentals, Inc.	10.875	06/15/16	125,000	121,47
Verso Paper Holdings LLC	9.125	08/01/14	750,000	730,31
Videotron, Ltd.	9.125	04/15/18	40,000	39,37
Waste Services, Inc.	9.500	04/15/14	1,100,000	1,115,31

TOTAL BONDS				39,831,31

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 March 31, 2010
 (Unaudited)

CORPORATE PUBLIC SECURITIES: (A) (Continued)	Interest Rate	Due Date	Shares or Principal Amount	Cost
	-----	-----	-----	-----
COMMON STOCK - 1.00%				
Chase Packaging Corporation (B)			9,541	\$ --
CKX, Inc. (B)			97,500	784,87
Directed Electronics, Inc. (B)			368,560	1,856,53
El Paso Corporation (B)			65,000	808,36
Intrepid Potash, Inc. (B)			365	11,68
ITC^DeltaCom, Inc. (B)			178,666	1,563,32
Nortek, Inc. (B)			175	
Rue21, Inc. (B)			650	12,35
Supreme Industries, Inc.			125,116	267,31
			-----	-----
TOTAL COMMON STOCK				5,304,44

CONVERTIBLE BONDS - 0.01%				
Citadel Broadcasting Corporation	4.000%	02/15/11	\$ 583,000	452,55

TOTAL CONVERTIBLE BONDS				452,55

TOTAL CORPORATE PUBLIC SECURITIES				\$ 45,588,32

SHORT-TERM SECURITIES:				
	Interest Rate/Yield^	Due Date	Principal Amount	Cost
	-----	-----	-----	-----
COMMERCIAL PAPER - 0.91%				
Ryder System, Inc.	0.233%	04/12/10	\$ 2,000,000	1,999,85

TOTAL SHORT-TERM SECURITIES				\$ 1,999,85

TOTAL INVESTMENTS	111.79%			\$283,483,02
				=====
Other Assets	4.23			
Liabilities	(16.02)			

TOTAL NET ASSETS	100.00%			
	=====			

- (A) In each of the convertible note, warrant, convertible preferred and common stock investments, agreed to provide certain registration rights.
- (B) Non-income producing security.
- (C) Variable rate security; rate indicated is as of 03/31/10.
- (D) Defaulted security; interest not accrued.
- (E) Illiquid securities. As of March 31, 2010, the value of these securities amounted to \$185,692 of net assets.
- (F) Security valued at fair value using methods determined in good faith by or under the direction of Trustees.

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^ Effective yield at purchase
 PIK - Payment-in-kind

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 March 31, 2010
 (Unaudited)

INDUSTRY CLASSIFICATION:	Fair Value/ Market Value	

AEROSPACE - 4.02%		BROADCASTING & ENTERTAINME
A E Company, Inc.	\$ 3,140,731	Citadel Broadcasting Corpo
Dae Aviation Holdings, Inc.	93,500	CKX, Inc.
Gencorp, Inc.	263,209	Clear Channel Worldwide Ho
P A S Holdco LLC	3,915,197	Liberty Media Corporation
Visioneering, Inc.	1,466,174	Sinclair Television Group,
	-----	Speedway Motorsports, Inc.
	8,878,811	Univision Communications,
	-----	Workplace Media Holding Co
AUTOMOBILE - 5.59%		
American Tire Distributor	901,250	
American Axle & Manufacturing Holding, Inc.	699,375	BUILDINGS & REAL ESTATE -
Exide Corporation	380,625	K W P I Holdings Corporati
Goodyear Tire & Rubber Co.	108,000	Owens Corning, Inc.
Jason, Inc.	48,184	Texas Industries, Inc.
Nyloncraft, Inc.	609,375	TruStile Doors, Inc.
Ontario Drive & Gear Ltd.	542,376	
Qualis Automotive LLC	2,574,205	
Tenneco, Inc.	1,124,750	
Titan International, Inc.	1,070,000	
Transtar Holding Company	3,199,650	CHEMICAL, PLASTICS & RUBBE
United Components, Inc.	1,085,400	Capital Specialty Plastics

	12,343,190	

BEVERAGE, DRUG & FOOD - 6.74%		CONSUMER PRODUCTS - 9.94%
Eatem Holding Company	2,977,185	Aero Holdings, Inc.
Golden County Foods Holding, Inc.	2,082,129	Bravo Sports Holding Corpo
Hospitality Mints Holding Company	2,095,672	Custom Engineered Wheels,
L H D Europe Holding, Inc.	24,225	Eastman Kodak Co.
Spartan Foods Holding Company	1,915,316	Easton-Bell Sports, Inc.
Specialty Commodities, Inc.	2,608,190	G F S I, Inc.
Waggin' Train Holdings LLC	3,177,979	JohnsonDiversey, Inc.
	-----	K N B Holdings Corporation
	14,880,696	Kar Holdings, Inc.
	-----	Manhattan Beachwear Holdin
		Momentum Holding Co.
		R A J Manufacturing Holdin
		Reddy Ice Corporation
		Royal Baths Manufacturing
		The Tranzonic Companies
		Walls Industries, Inc.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

March 31, 2010

(Unaudited)

INDUSTRY CLASSIFICATION:	Fair Value/ Market Value	

CONTAINERS, PACKAGING & GLASS - 5.01%		DIVERSIFIED/CONGLOMERATE,
Berry Plastics Corporation	\$ 1,209,688	A S C Group, Inc.
Chase Packaging Corporation	954	A W X Holdings Corporation
Flutes, Inc.	229,596	ACCO Brands Corporation
Maverick Acquisition Company	616,817	Advanced Technologies Hold
P I I Holding Corporation	3,001,272	Affinia Group, Inc.
Packaging Dynamics Corporation of America	895,500	Apex Analytix Holding Corp
Paradigm Packaging, Inc.	2,404,870	Clough, Harbour, and Assoc
Pregis Corporation	1,015,000	Crane Rental Corporation
Tekni-Plex, Inc.	520,000	Diversco, Inc./DHI Holding
Vitex Packaging Group, Inc.	1,157,158	Dwyer Group, Inc.
	-----	Insurance Claims Managemen
	11,050,855	Interline Brands, Inc.
	-----	Mail Communications Group,
DISTRIBUTION - 1.78%		Nesco Holdings Corporation
Duncan Systems, Inc.	1,499,241	Northwest Mailing Services
F C X Holdings Corporation	2,432,491	Pearlman Enterprises, Inc.
	-----	Sabre Holdings Corporation
	3,931,732	Videotron, Ltd.

DIVERSIFIED/CONGLOMERATE, MANUFACTURING-		
7.80%		
A H C Holding Company, Inc.	2,832,704	ELECTRONICS - 0.68%
Arrow Tru-Line Holdings, Inc.	1,518,628	Connecticut Electric, Inc.
C D N T, Inc.	1,358,324	Directed Electronics, Inc.
Douglas Dynamics LLC	1,020,100	Sanmina-SCI Corporation
Great Lakes Dredge & Dock Corporation	1,008,750	
Headwaters, Inc.	521,875	
K P I Holdings, Inc.	1,579,892	
MEGTEC Holdings, Inc.	2,065,000	FINANCIAL SERVICES - 1.86%
Milwaukee Gear Company	2,118,461	American General Finance C
Nortek, Inc.	195,522	C I T Group, Inc.
Polypore, Inc.	1,001,250	Cemex Finance LLC
Postle Aluminum Company LLC	67,828	Ford Motor Credit Co.
Thermadyne Holdings Corporation	115,288	General Motors Acceptance
Trimas Corporation	77,625	Hawker Beechcraft Acquisit
Truck Bodies & Equipment International	577,385	Highgate Capital LLC
Xaloy Superior Holdings, Inc.	1,161,418	International Lease Financ
	-----	L B I Escrow Corporation
	17,220,050	

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

March 31, 2010

(Unaudited)

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INDUSTRY CLASSIFICATION:	Fair Value/ Market Value	

HEALTHCARE, EDUCATION & CHILDCARE - 3.28%		MACHINERY - 9.38%
American Hospice Management Holding LLC	\$ 3,996,315	A S A P Industries LLC
F H S Holdings LLC	597,656	Davis-Standard LLC
Syneract Holdings Corporation	2,637,218	E S P Holdco, Inc.
Touchstone Health Partnership	--	K-Tek Holdings Corporation
	-----	M V I Holding, Inc.
	7,231,189	Manitowoc Company, Inc.
	-----	Navis Global
HOME & OFFICE FURNISHINGS, HOUSEWARES, AND DURABLE CONSUMER PRODUCTS - 9.38%		NetShape Technologies, Inc.
Connor Sport Court International, Inc.	2,614,058	Pacific Consolidated Holdi
H M Holding Company	342,550	Power Services Holding Com
Home Decor Holding Company	2,365,196	R E I Delaware Holding, In
Justrite Manufacturing Acquisition Co.	1,757,306	Safety Speed Cut Manufactu
K H O F Holdings, Inc.	2,705,685	Stanadyne Corporation
Monessen Holding Corporation	1,671,395	Stewart & Stevenson LLC
Quiksilver, Inc.	198,875	Supreme Industries, Inc.
Stanton Carpet Holding Co.	2,145,283	
Transpac Holding Company	1,595,705	MEDICAL DEVICES/BIOTECH -
U M A Enterprises, Inc.	2,003,834	Coeur, Inc.
U-Line Corporation	1,823,136	E X C Acquisition Corporat
Wellborn Forest Holding Co.	1,475,913	ETEX Corporation
	-----	MedSystems Holdings LLC
	20,698,936	MicroGroup, Inc.
	-----	OakRiver Technology, Inc.
LEISURE, AMUSEMENT, ENTERTAINMENT - 3.18%		Precision Wire Holding Com
A M C Entertainment, Inc.	1,073,750	TherOX, Inc.
Bally Total Fitness Holding Corporation	10	
Boyd Gaming Corporation	715,375	MINING, STEEL, IRON & NON-
Harrah's Operating Escrow LLC	350,188	METALS - 1.41%
Savage Sports Holding, Inc.	2,807,763	T H I Acquisition, Inc.
Seneca Gaming Corporation	493,750	Teck Resources Ltd.
Ticketmaster Entertainment, Inc.	557,500	Tube City IMS Corporation
Tunica-Biloxi Gaming Authority	1,021,250	

	7,019,586	

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

March 31, 2010

(Unaudited)

INDUSTRY CLASSIFICATION:	Fair Value/ Market Value	

NATURAL RESOURCES - 1.65%		RETAIL STORES - 1.60%
Appleton Papers, Inc.	\$ 278,760	Bon-Ton Stores, Inc.
Cenveo Corporation	1,346,625	Great Atlantic & Pacific T
CONSOL Energy, Inc.	35,963	Michaels Stores, Inc.
International Coal Group, Inc.	178,938	Nebraska Book Company, Inc.
Intrepid Potash, Inc.	11,070	Olympic Sales, Inc.
SandRidge Energy, Inc.	1,073,250	Pinnacle Foods Finance LLC
Verso Paper Holdings LLC	727,500	Rental Service Corporation

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	-----	Rue21, Inc.
	3,652,106	United Rentals, Inc.

OIL & GAS - 3.96%		
Atlas Pipeline Partners	723,750	
Brigham Exploration Co.	1,020,000	TECHNOLOGY - 3.02%
Coffeyville Resources LLC	142,450	Advanced Micro Devices, In
Chaparral Energy, Inc.	915,000	Compucom Systems, Inc.
International Offshore Services LLC	2,551,163	Sencore Holding Company
Mariner Energy, Inc.	179,600	Smart Source Holdings LLC
N F R Energy LLC	199,500	ViaSystems, Inc.
North American Energy Partners	1,165,000	
Stone Energy Corporation	738,750	
Total E & S, Inc.	1,108,008	

	8,743,221	TELECOMMUNICATIONS - 4.07%
	-----	All Current Holding Compan
PHARMACEUTICALS - 1.25%		Cricket Communications, In
CorePharma LLC	2,756,157	Intelsat Bermuda Ltd.
	-----	ITC^DeltaCom, Inc.
PUBLISHING/PRINTING - 1.06%		Level 3 Financing, Inc.
Gannett Company, Inc.	133,750	New Communications Holding
McClatchy Co.	281,188	Sprint Capital Corporation
Newark Group, Inc.	484,500	Sundance Investco LLC
Quebecor Media, Inc.	1,063,125	T W Telecom Holdings, Inc.
Sheridan Acquisition Corporation	372,188	Telecorps Holdings, Inc.
	-----	West Corporation
	2,334,751	

See Notes to Consolidated Financial Statements

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
March 31, 2010
(Unaudited)

INDUSTRY CLASSIFICATION:	Fair Value/ Market Value

TRANSPORTATION - 3.51%	
Avis Budget Car Rental LLC	\$ 88,825
Hertz Corporation	805,313
NABCO, Inc.	312,500
RailAmerica, Inc.	287,888
Ryder System, Inc.	1,999,859
Tangent Rail Corporation	4,254,069

	7,748,454

UTILITIES - 0.95%	
Crosstex Energy, L.P.	232,031
Dynegy Holdings, Inc.	626,650
El Paso Corporation	704,600
Energy Future Holdings	104,000
Markwest Energy Operating Co.	196,881
T X U Energy Company LLC	243,250

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	----- 2,107,412 -----
WASTE MANAGEMENT / POLLUTION - 1.51%	
Terra Renewal LLC	2,208,834
Torrent Group Holdings, Inc.	--
Waste Services, Inc.	1,133,000
	----- 3,341,834 -----
TOTAL INVESTMENTS - 111.79%	\$ 246,768,616 -----

See Notes to Consolidated Financial Statements

INCOME TAX INFORMATION

The aggregate cost of investments is substantially the same for financial reporting and federal income tax purposes as of March 31, 2010. The net unrealized depreciation of investments for financial reporting and federal tax purposes as of March 31, 2010 is \$36,714,404 and consists of \$19,603,824 appreciation and \$56,318,228 depreciation.

FAIR VALUE MEASUREMENTS

In accordance with the authoritative guidance on fair value measurements and disclosures under accounting principles generally accepted in the United States of America ("U.S. GAAP"), the Trust discloses the fair value of its investments in a hierarchy that prioritizes the inputs to valuation techniques used to measure the fair value. The hierarchy gives the highest priority to valuations based upon unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurement) and the lowest priority to valuations based upon unobservable inputs that are significant to the valuation (level 3 measurements). The guidance establishes three levels of the fair value hierarchy as follows:

- Level 1: quoted prices in active markets for identical securities
- Level 2: other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.)
- Level 3: significant unobservable inputs (including the Trust's own assumptions in determining the fair value of investments)

The inputs and methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

The following is a summary of the inputs used to value the Trust's net assets as of March 31, 2010:

ASSETS:	TOTAL	LEVEL 1	LEVEL 2	LEVEL 3

Restricted Securities				
Bonds	\$172,475,637	\$ --	\$16,250,433	\$156,225,204
Common Stock	14,979,242	--	--	14,979,242

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Preferred Stock	7,281,180	--	109,002	7,172,178
Partnerships and LLCs	7,315,757	--	--	7,315,757
Public Securities				
Bonds	40,516,042	--	40,516,032	10
Common Stock	2,200,899	2,193,899	7,000	--
Short-term Securities	1,999,859	--	1,999,859	--

TOTAL	\$246,768,616	\$2,193,899	\$58,882,324	\$185,692,391

Following is a reconciliation of Level 3 assets for which significant unobservable inputs were used to determine fair value:

Assets:	Beginning balance at 12/31/2009	Total gains or losses (realized/ unrealized)	Purchases, sales, issuances & settlements (net)	Transfers in and/or out of Level 3

Restricted Securities				
Bonds	\$152,772,751	\$ (1,041,323)	\$5,443,176	\$ (949,400)
Common Stock	14,693,318	(822,055)	1,107,979	--
Preferred Stock	6,638,626	531,187	2,365	--
Partnerships and LLCs	6,678,496	610,002	27,259	--
Public Securities Bonds	10	--	--	--

	\$180,783,201	\$ (722,189)	\$6,580,779	\$ (949,400)

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

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By (Signature and Title)* /s/ Michael L. Klofas

Michael L. Klofas, President

Date May 28, 2010

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/ Michael L. Klofas

Michael L. Klofas, President

Date May 28, 2010

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

James M. Roy, Vice President and
Chief Financial Officer

Date May 28, 2010

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