

MASSMUTUAL CORPORATE INVESTORS

Form N-Q

November 29, 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, Secretary and Chief Legal Officer
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: 09/30/10

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CONSOLIDATED SCHEDULE OF INVESTMENTS

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September 30, 2010
(Unaudited)

	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
CORPORATE RESTRICTED SECURITIES - 89.85%:(A)		
PRIVATE PLACEMENT INVESTMENTS - 84.64%		
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	\$ 2,535,741	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 (D)	\$ 735,000	05/15/08
13% Senior Subordinated Note due 2015 (D)	\$ 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)

September 30, 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	\$ 2,215,488	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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2010

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(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.		
12% 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
ASSOCIATED DIVERSIFIED SERVICES		
A provider of routine maintenance and repair services primarily to electric utility companies pre- distribution lines.		
10% Senior Secured Term Note due 2016 (C)	\$ 853,714	09/30/10
13% Senior Subordinated Note due 2017	\$ 853,714	09/30/10
Limited Liability Company Unit Class B (B)	92,571 uts.	09/30/10
Limited Liability Company Unit Class B OID (B)	70,765 uts.	09/30/10
BARCODES GROUP, INC.		
A distributor and reseller of automatic identification and data capture equipment, including mobil point-of-sale systems, labels, and accessories.		
13.5% Senior Subordinated Note due 2016	\$ 1,915,953	07/27/10
Preferred Stock (B)	39 shs.	07/27/10
Common Stock Class A (B)	131 shs.	07/27/10
Warrant, exercisable until 2020, to purchase common stock at \$.01 per share (B)	23 shs.	07/27/10
BRAVO SPORTS HOLDING CORPORATION		
A designer and marketer of niche branded consumer products including canopies, trampolines, in-li 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
C D N T, INC.		
A value-added converter and distributor of specialty pressure sensitive adhesives, foams, films, 10.5% Senior Secured Term Note due 2014		
	\$ 659,946	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

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
September 30, 2010
(Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
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
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.		
10% Senior Subordinated Note due 2014 (D)	\$ 1,456,429	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
Limited Liability Company Unit Class D (B)	1,268,437 uts.	05/03/10
Limited Liability Company Unit Class E (B)	2,081 uts.	05/03/10
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

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 September 30, 2010
 (Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
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
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 (B)	296 shs.	10/27/09
Preferred Stock Series A (B)	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
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.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2010

(Unaudited)

	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
CORPORATE RESTRICTED SECURITIES: (A) (Continued)		
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
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	\$ 2,344,431	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 (B)	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	\$ 2,242,079	10/06/08
Preferred Stock (B)	4,341 shs.	10/06/08
Common Stock (B)	3,069 shs.	10/06/08

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 September 30, 2010
 (Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
F F C HOLDING CORPORATION		
A leading U.S. manufacturer of private label frozen novelty and ice cream products.		
16% Senior Subordinated Note due 2014	\$ 2,487,805	09/27/10
Limited Liability Company Units Preferred (B)	512 uts.	09/27/10
Limited Liability Company Units (B)	512 uts.	09/27/10
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
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	\$ 472,711	12/31/08
8% Series A Convertible Preferred Stock, convertible into fully diluted 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.

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Series A Preferred Units (B)

1.19% int.

07/21/94

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
September 30, 2010
(Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
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.		
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 (D)	\$ 963,687	08/04/00
Limited Partnership Interest of Saw Mill Capital Fund II, L.P. (B)	2.50% int.	08/03/00
JUSTRITE MANUFACTURING ACQUISITION CO.		

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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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
September 30, 2010
(Unaudited)

	Principal Amount Shares, Units or Ownership Percentage	Acquisition Date
CORPORATE RESTRICTED SECURITIES: (A) (Continued)	-----	-----
K H O F HOLDINGS, INC.		
A manufacturer of premium disposable tableware products serving both the foodservice and consumer		
Common Stock (B)	220,673 shs.	10/15/07
K N B HOLDINGS CORPORATION		
A designer, manufacturer and marketer of products for the custom framing market.		
15.5% Senior Subordinated Note due 2013 (D)	\$ 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.		
The largest player in the U.S. non-automotive, non-ferrous die casting segment.		
18% Senior Subordinated Note due 2014 (D)	\$ 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 (D)	\$ 2,938,407	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
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

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
September 30, 2010
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CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
M V I HOLDING, INC.		
A manufacturer of large precision machined metal components used in equipment which services a va the oil and gas, mining, and defense markets.		
13% Senior Subordinated Note due 2016	\$ 1,239,403	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 2011 (C)	\$ 153,259	09/03/04
12.5% Senior Secured Tranche B Note due 2011	\$ 313,433	09/03/04
6.79% Senior Secured Revolver due 2011 (C)	\$ 78,358	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
MBWS ULTIMATE HOLDCO, INC.		
A provider of services throughout North Dakota that address the fluid management and related tran		
12% Senior Subordinated Note due 2016	\$ 2,651,163	09/07/10
Preferred Stock Series A (B)	4,164 shs.	09/07/10
Common Stock (B)	458 shs.	09/07/10
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	1,158 shs.	09/07/10

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 CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 September 30, 2010
 (Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
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	\$ 1,172,388	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
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		
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		

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common stock at \$.02 per share (B)

1,107 shs.

08/04/06

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

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(Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
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
 NABCO, INC.		
A producer of explosive containment vessels in the United States.		
14% Senior Subordinated Note due 2014 (D)	\$ 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 segme		
10.75% Senior Secured Note due 2011 (D)	\$ 695,588	05/28/04
14% Senior Subordinated Note due 2014 (D)	\$ 1,365,385	05/28/04
 NESCO HOLDINGS CORPORATION		
A sales and leasing company that provides equipment to the electric utility, telecommunications,		
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		
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.	*

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Limited Liability Company Unit Class D-1 of Saw Mill PCG Partners LLC (B)	123 uts.	09/30/09
Preferred Stock Class A (B)	1 sh.	12/18/08
Preferred Stock Class A-1 (B)	11 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.

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
September 30, 2010
(Unaudited)

	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
CORPORATE RESTRICTED SECURITIES:(A) (Continued)		
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	\$ 2,818,421	*
Limited Partnership Interest (B)	3,287 uts.	*
Warrant, exercisable until 2019, to purchase common stock at \$.01 per share (B)	4,920 shs.	*
* 07/09/09 and 08/09/10		
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
O E C HOLDING CORPORATION		
A provider of elevator maintenance, repair and modernization services.		
13% Senior Subordinated Note due 2017	\$ 1,333,333	06/04/10
Preferred Stock Series A (B)	1,661 shs.	06/04/10
Preferred Stock Series B (B)	934 shs.	06/04/10
Common Stock (B)	1,032 shs.	06/04/10
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	\$ 80,468	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

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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

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2010

(Unaudited)

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

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

P A S HOLDCO LLC

An independent provider of maintenance, repair and overhaul services to the aerospace gas turbine

14% Senior Subordinated Note due 2014	\$ 2,359,281	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	\$ 1,358,188	04/27/07
5% Senior Subordinated Note due 2012	\$ 79,688	07/21/10
Preferred Shares Series E (B)	79,688 shs.	07/21/10
Limited Liability Company Unit (B)	1,754,707 uts.	04/27/07

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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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 September 30, 2010
 (Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
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
POSTLE ALUMINUM COMPANY LLC		
A manufacturer and distributor of aluminum extruded products.		
15% Senior Subordinated Note due 2013	\$ 1,545,072	06/03/10
3% Senior Subordinated PIK Note due 2014 (D)	\$ 2,283,699	10/02/06
Limited Liability Company Unit Class A (B)	1,384 uts.	10/02/06
Limited Liability Company Unit (B)	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 perf serving 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 surgic		
14.25% Senior Subordinated Note due 2016	\$ 2,584,168	11/12/09
Warrant, exercisable until 2019, to purchase common stock at \$.01 per share (B)	206 shs.	11/12/09

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QUALIS AUTOMOTIVE LLC

A distributor of aftermarket automotive brake and chassis products.

13% Senior Subordinated Note due 2013	\$ 1,742,711	05/28/04
Common Stock (B)	354,167 shs.	05/28/04
Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)	377,719 shs.	05/28/04

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2010

(Unaudited)

	Principal Amount Shares, Units or Ownership Percentage	Acquisition Date
	-----	-----

CORPORATE RESTRICTED SECURITIES: (A) (Continued)

R A J 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	\$ 2,614,243	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

R E I DELAWARE HOLDING, INC.

An engineer and manufacturer of highly complex, close tolerance components, assemblies, tooling and equipment 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 woodworking industry.

Class B Common Stock (B)	1,480 shs.	06/02/99
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SAVAGE SPORTS HOLDING, INC.

A manufacturer of sporting firearms.

12% Senior Subordinated Note due 2012	\$ 1,538,793	09/10/04
Preferred Stock Series A (B)	66,185 shs.	05/28/10

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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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2010
(Unaudited)

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

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.	*

* 08/31/07 and 03/06/08.

SPARTAN FOODS HOLDING COMPANY

A manufacturer of branded pizza crusts and pancakes.

12.25% 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	\$ 2,305,033	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

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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 (B) 6,429 shs. 03/31/10

SYNTERACT HOLDINGS CORPORATION

A provider of outsourced clinical trial management services to pharmaceutical and biotechnology c
14.5% Senior Subordinated Note due 2016 \$ 2,609,066 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

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
September 30, 2010
(Unaudited)

	Principal Amount Shares, Units or Ownership Percentage	Acquisition Date
CORPORATE RESTRICTED SECURITIES:(A) (Continued)	-----	-----
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
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, nu
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)	\$ 1,364,712	*
8.75% Term Note due 2012 (C)	\$ 1,453	*
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

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* 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 nuisance water flow.

14.5% Senior Subordinated Note due 2013 (D)	\$ 2,455,561	10/26/07
Series B Preferred Stock (B)	182 shs.	03/31/10
Common Stock (B)	515 shs.	03/31/10

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

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2010

(Unaudited)

	Principal Amount Shares, Units or Ownership Percentage -----	Acquisition Date -----
CORPORATE RESTRICTED SECURITIES:(A) (Continued)		
TRANSPAC HOLDING COMPANY		
A designer, importer and wholesaler of home decor and seasonal gift products.		
14% 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

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TRUCK BODIES & EQUIPMENT INTERNATIONAL

A designer and manufacturer of accessories for heavy and medium duty trucks, primarily dump bodies, landscape bodies and other accessories.

8% Senior Subordinated Note due 2011 (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 2013, to purchase common stock at \$.01 per share (B)	5,781 shs.		04/11/03
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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2010

(Unaudited)

	Principal Amount Shares, Units or Ownership Percentage		Acquisition Date
CORPORATE RESTRICTED SECURITIES: (A) (Continued)	-----		-----
U M A ENTERPRISES, INC.			
An importer and wholesaler of home decor products.			
15% Senior Subordinated Note due 2015	\$ 1,799,982		02/08/08
Convertible Preferred Stock (B)	887 shs.		02/08/08
U-LINE CORPORATION			
A manufacturer of high-end, built-in, undercounter ice making, wine storage and refrigeration appliances.			
14.5% Senior Subordinated Note due 2012	\$ 1,882,100		04/30/04
14.5% PIK Note due 2012	\$ 418,614		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
VISIONEERING, INC.			
A designer and manufacturer of tooling and fixtures for the aerospace industry.			
10.5% Senior Secured Term Loan due 2013	\$ 802,941		05/17/07
13% Senior Subordinated Note due 2014	\$ 648,530		05/17/07
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

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VITEX PACKAGING GROUP, INC.

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

10% Senior Subordinated PIK Note due 2011	\$ 169,294	10/29/09
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

* 07/19/04 and 10/29/09.

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

 CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 September 30, 2010
 (Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage	Acquisition Date
	-----	-----
 WHEATON HOLDING CORPORATION		
A distributor and manufacturer of laboratory supply products and packaging.		
13% Senior Subordinated Note due 2017	\$ 3,000,000	06/08/10
Preferred Stock Series B (B)	2,109 shs.	06/08/10
Common Stock (B)	1,058 shs.	06/08/10
 WORKPLACE MEDIA HOLDING CO.		
A direct marketer specializing in providing advertisers with access to consumers in the workplace		
13% Senior Subordinated Note due 2015 (D)	\$ 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

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Total Private Placement Investments (E)

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2010

(Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Interest Rate	Due Date	Principal Amount	Cost
	-----	-----	-----	-----
RULE 144A SECURITIES - 5.21%:				
BONDS - 4.91%				
Appleton Papers, Inc.	11.250%	12/15/15	\$ 303,000	\$ 300,00
Cemex Finance LLC	9.500	12/14/16	375,000	391,75
Cenveo Corporation	10.500	08/15/16	100,000	100,00
Coffeyville Resources LLC	9.000	04/01/15	140,000	139,31
CompuCom Systems, Inc.	12.500	10/01/15	1,330,000	1,296,15
Dae Aviation Holdings, Inc.	11.250	08/01/15	200,000	195,16
Energy Future Holdings	10.000	01/15/20	400,000	402,96
Evertec, Inc.	11.000	10/01/18	375,000	375,00
Fidelity National Information	7.625	07/15/17	100,000	100,00
Fidelity National Information	7.875	07/15/20	125,000	125,00
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
Georgia Gulf Corporation	9.000	01/15/17	190,000	194,96
Hertz Corporation	7.500	10/15/18	75,000	75,00
Inergy, L.P.	7.000	10/01/18	200,000	200,00
International Lease Finance Corporation	8.625	09/15/15	140,000	137,93
Landry's Restaurants, Inc.	11.625	12/01/15	125,000	133,88
Libbey Glass, Inc.	10.000	02/15/15	125,000	130,86
LIN Television Corporation	8.375	04/15/18	190,000	192,51
Lyondell Chemical Co.	8.000	11/01/17	195,000	195,00
Magnachip Semiconductor	10.500	04/15/18	180,000	180,62
Michael Foods, Inc.	9.750	07/15/18	75,000	75,00
Nexstar Broadcasting Group, Inc.	8.875	04/15/17	175,000	173,88
Packaging Dynamics Corporation of America	10.000	05/01/16	1,200,000	1,194,67
Pinafore LLC	9.000	10/01/18	330,000	330,00
SandRidge Energy, Inc.	8.000	06/01/18	360,000	363,79
SandRidge Energy, Inc.	8.750	01/15/20	750,000	744,97
Sinclair Television Group, Inc.	9.250	11/01/17	425,000	414,31
Spectrum Brands, Inc.	9.500	06/15/18	125,000	123,29
Trimas Corporation	9.750	12/15/17	75,000	73,58
Tunica-Biloxi Gaming Authority	9.000	11/15/15	1,075,000	1,097,00
Univision Communications, Inc.	12.000	07/01/14	200,000	213,28
Valeant Pharmaceuticals International	6.750	10/01/17	70,000	69,65
Valeant Pharmaceuticals International	7.000	10/01/20	130,000	129,18
ViaSystems, Inc.	12.000	01/15/15	175,000	169,38

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 September 30, 2010
 (Unaudited)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Interest Rate	Due Date	Shares or Principal Amount	Cost
	-----	-----	-----	-----
Visant Corporation	10.000%	10/01/17	\$ 75,000	\$ 75,000
Warner Chilcott Co. LLC	7.750	09/15/18	475,000	484,490
West Corporation	11.000	10/15/16	150,000	158,840

TOTAL BONDS				11,565,400

CONVERTIBLE PREFERRED STOCK - 0.00%				
ETEX Corporation (B)			777	710

TOTAL CONVERTIBLE PREFERRED STOCK				710

PREFERRED STOCK - 0.06%				
General Motors Acceptance Corporation, Inc.			143	45,000
TherOX, Inc. (B)			103	4,130

TOTAL PREFERRED STOCK				49,130

COMMON STOCK - 0.24%				
Newark Group, Inc. (B)			134,520	796,860
Nortek, Inc. (B)			175	1,750
Touchstone Health Partnership (B)			1,168	4,250

TOTAL COMMON STOCK				801,110

TOTAL RULE 144A SECURITIES				12,416,370

TOTAL CORPORATE RESTRICTED SECURITIES				\$235,786,580

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 September 30, 2010
 (Unaudited)

CORPORATE PUBLIC SECURITIES - 15.92%: (A)	Interest Rate	Due Date	Principal Amount	Cost
	-----	-----	-----	-----
BONDS - 15.37%				
A M C Entertainment, Inc.	11.000%	02/01/16	\$ 1,000,000	\$ 1,003,180
ACCO Brands Corporation	10.625	03/15/15	100,000	98,730
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

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Atlas Pipeline Partners	8.125	12/15/15	750,000	663,75
B E Aerospace, Inc.	6.875	10/01/20	100,000	99,10
Berry Plastics Corporation	5.276	02/15/15	500,000	479,63
Berry Plastics Corporation (C)	8.875	09/15/14	750,000	705,00
Boyd Gaming Corporation	7.125	02/01/16	700,000	630,50
Boyd Gaming Corporation	6.750	04/15/14	150,000	137,25
C I T Group, Inc.	7.000	05/01/15	415,000	386,98
Cenveo Corporation	7.875	12/01/13	1,300,000	1,192,50
Chaparral Energy, Inc.	8.875	02/01/17	1,000,000	991,78
Clear Channel Worldwide Holdings, Inc.	9.250	12/15/17	750,000	750,00
Crosstex Energy L.P.	8.875	02/15/18	225,000	220,44
Diversey, Inc.	8.250	11/15/19	100,000	99,17
Easton-Bell Sports, Inc.	9.750	12/01/16	320,000	327,80
Energy Transfer Equity LP	7.500	10/15/20	100,000	100,00
Exide Corporation	10.500	03/15/13	430,000	431,91
Ford Motor Credit Co.	7.450	07/16/31	500,000	441,50
Ford Motor Credit Co.	8.000	06/01/14	125,000	107,23
Gencorp, Inc.	9.500	08/15/13	259,000	259,00
Geoeye, Inc.	9.625	10/01/15	750,000	775,90
Goodyear Tire & Rubber Co.	10.500	05/15/16	100,000	96,43
Gray Television, Inc.	10.500	06/29/15	500,000	476,22
Great Lakes Dredge & Dock Corporation	7.750	12/15/13	1,000,000	948,75
Harrah's Operating Co.	11.250	06/01/17	325,000	314,03
Hawker Beechcraft Acquisition Co.	9.750	04/01/17	1,000,000	1,006,28
Headwaters, Inc.	11.375	11/01/14	500,000	517,52
Intelsat Bermuda Ltd.	9.250	06/15/16	1,365,000	1,404,06
Interline Brands, Inc.	8.125	06/15/14	1,000,000	992,54
International Coal Group, Inc.	9.125	04/01/18	625,000	626,62
International Lease Finance Corporation	5.875	05/01/13	750,000	672,25
J.C. Penney Company, Inc.	7.950	04/01/17	500,000	554,73
Kar Holdings, Inc.	8.750	05/01/14	50,000	50,00
Lamar Media Corporation	7.875	04/15/18	125,000	125,00
Landry's Restaurants, Inc.	11.625	12/01/15	40,000	42,66
Level 3 Financing, Inc.	10.000	02/01/18	750,000	745,64

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
September 30, 2010
(Unaudited)

CORPORATE PUBLIC SECURITIES: (A) (Continued)	Interest Rate	Due Date	Principal Amount	Cost
	-----	-----	-----	-----
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
Markwest Energy Operating Co.	8.750	04/15/18	125,000	123,97
Markwest Energy Operating Co.	6.875	11/01/14	70,000	55,57
McClatchy Co.	11.500	02/15/17	275,000	271,76
Nebraska Book Company, Inc.	8.625	03/15/12	750,000	676,87
Nortek, Inc.	11.000	12/01/13	175,778	173,17
NXP Funding LLC	9.500	10/15/15	750,000	738,75
Omnicare, Inc.	7.750	06/01/20	75,000	75,00
Owens Corning, Inc.	9.000	06/15/19	55,000	54,11
Pinnacle Foods Finance LLC	9.250	04/01/15	300,000	308,00
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

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Quiksilver, Inc.	6.875	04/15/15	315,000	290,46
RailAmerica, Inc.	9.250	07/01/17	240,000	230,58
Reddy Ice Corporation	13.250	11/01/15	150,000	153,89
Rental Service Corporation	9.500	12/01/14	750,000	728,49
Rite Aid Corporation	10.250	10/15/19	175,000	190,07
Sabre Holdings Corporation	8.350	03/15/16	500,000	455,00
Sanmina-SCI Corporation	8.125	03/01/16	375,000	374,06
Sheridan Acquisition Corporation	10.250	08/15/11	375,000	370,00
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
Teck Resources Ltd.	10.750	05/15/19	65,000	61,97
Tekni-Plex, Inc.	8.750	11/15/13	650,000	653,14
Thermadyne Holdings Corporation	10.500	02/01/14	115,000	115,58
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	966,03
United Components, Inc.	9.375	06/15/13	1,080,000	1,079,56
United Rentals, Inc.	10.875	06/15/16	125,000	121,47
Verso Paper Holdings LLC	9.125	08/01/14	350,000	340,37
Verso Paper Holdings LLC	11.375	08/01/16	175,000	170,25
TOTAL BONDS				35,445,97

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
September 30, 2010
(Unaudited)

CORPORATE PUBLIC SECURITIES: (A) (Continued)

	Shares	Cost
COMMON STOCK - 0.55%		
Bally Total Fitness Holding Corporation (B)	29	\$
Chase Packaging Corporation (B)	9,541	--
CKX, Inc. (B)	97,500	784,87
Directed Electronics, Inc. (B)	368,560	1,856,53
Intrepid Potash, Inc. (B)	365	11,68
ITC^DeltaCom, Inc. (B)	178,666	1,563,32
Rue21, Inc. (B)	650	12,35
Supreme Industries, Inc.	125,116	267,31
TOTAL COMMON STOCK		4,496,08
TOTAL CORPORATE PUBLIC SECURITIES		\$ 39,942,06

SHORT-TERM SECURITIES:	Interest Rate/Yield^	Due Date	Principal Amount	Cost
COMMERCIAL PAPER - 2.48%				
Citigroup Funding, Inc.	0.330%	10/05/10	\$ 2,400,000	\$ 2,399,91
Wisconsin Electric Power Co.	0.230	10/04/10	3,500,000	3,499,93
TOTAL SHORT-TERM SECURITIES				\$ 5,899,84

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TOTAL INVESTMENTS	108.25%	\$281,628,49
Other Assets	5.10	
Liabilities	(13.35)	
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 09/30/10.
 (D) Defaulted security; interest not accrued.
 (E) Illiquid securities. As of September 30, 2010, the value of these securities amounted to \$201,84.64% of net assets.
 ^ Effective yield at purchase
 PIK - Payment-in-kind

 CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 September 30, 2010
 (Unaudited)

INDUSTRY CLASSIFICATION:	Fair Value/ Market Value	

AEROSPACE - 4.44%		BROADCASTING & ENTERTAINMENT
A E Company, Inc.	\$ 3,232,209	CKX, Inc.
B E Aerospace, Inc.	102,000	Clear Channel Worldwide Ho
Dae Aviation Holdings, Inc.	201,520	Geoye, Inc.
Gencorp, Inc.	263,533	Gray Television, Inc.
Hawker Beechcraft Acquisition Co.	592,500	Lamar Media Corporation
P A S Holdco LLC	4,721,850	Liberty Media Corporation
Visioneering, Inc.	1,437,588	LIN Television Corporation
	-----	Nexstar Broadcasting Group
	10,551,200	Sinclair Television Group,
	-----	Univision Communications,
AUTOMOBILE - 5.16%		Workplace Media Holding Co
American Axle & Manufacturing Holding, Inc.	743,438	
Exide Corporation	439,675	BUILDINGS & REAL ESTATE -
Goodyear Tire & Rubber Co.	113,250	K W P I Holdings Corporati
Jason, Inc.	48,184	Owens Corning, Inc.
Nyloncraft, Inc.	1,693,004	TruStile Doors, Inc.
Ontario Drive & Gear Ltd.	793,403	
Qualis Automotive LLC	2,743,854	CHEMICAL, PLASTICS & RUBBE
Titan International, Inc.	1,150,250	Capital Specialty Plastics
Transtar Holding Company	3,444,388	
United Components, Inc.	1,098,900	CONSUMER PRODUCTS - 10.28%
	-----	Aero Holdings, Inc.
	12,268,346	Bravo Sports Holding Corpo
	-----	Custom Engineered Wheels,
BEVERAGE, DRUG & FOOD - 6.43%		Diversey, Inc.
Eatem Holding Company	3,069,067	
F F C Holding Corporation	2,970,300	
Golden County Foods Holding, Inc.	2,280,223	
Hospitality Mints Holding Company	2,114,060	

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Landry's Restaurants, Inc.	174,075	Easton-Bell Sports, Inc.
L H D Europe Holding, Inc.	24,225	G F S I, Inc.
Michael Foods, Inc.	80,250	K N B Holdings Corporation
Spartan Foods Holding Company	1,930,594	Kar Holdings, Inc.
Specialty Commodities, Inc.	2,643,370	Lyondell Chemical Co.
	-----	Manhattan Beachwear Holding
	15,286,164	Momentum Holding Co.
	-----	R A J Manufacturing Holding
		Reddy Ice Corporation
		Royal Baths Manufacturing
		The Tranzonic Companies
		Visant Corporation

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2010

(Unaudited)

INDUSTRY CLASSIFICATION:	Fair Value/ Market Value	

CONTAINERS, PACKAGING & GLASS - 4.94%		DIVERSIFIED/CONGLOMERATE,
Berry Plastics Corporation	\$ 1,200,625	A S C Group, Inc.
Chase Packaging Corporation	668	A W X Holdings Corporation
Flutes, Inc.	459,193	ACCO Brands Corporation
Maverick Acquisition Company	581,158	Advanced Technologies Hold
P I I Holding Corporation	3,110,560	Affinia Group, Inc.
Packaging Dynamics Corporation of America	1,134,000	Apex Analytix Holding Corp
Paradigm Packaging, Inc.	2,388,942	Associated Diversified Ser
Pregis Corporation	1,005,000	Clough, Harbour, and Assoc
Tekni-Plex, Inc.	510,250	Crane Rental Corporation
Vitex Packaging Group, Inc.	1,361,485	Diversco, Inc./DHI Holding
	-----	Dwyer Group, Inc.
	11,751,881	Insurance Claims Managemen
	-----	Interline Brands, Inc.
DISTRIBUTION - 1.68%		Mail Communications Group,
Duncan Systems, Inc.	1,475,181	Nesco Holdings Corporation
F C X Holdings Corporation	2,527,244	Northwest Mailing Services
	-----	Pearlman Enterprises, Inc.
	4,002,425	Sabre Holdings Corporation

DIVERSIFIED/CONGLOMERATE,		
MANUFACTURING - 10.23%		ELECTRONICS - 1.57%
A H C Holding Company, Inc.	2,960,524	Barcodes Group, Inc.
Arrow Tru-Line Holdings, Inc.	1,611,581	Connecticut Electric, Inc.
C D N T, Inc.	1,372,079	Directed Electronics, Inc.
Great Lakes Dredge & Dock Corporation	1,005,000	Sanmina-SCI Corporation
Headwaters, Inc.	532,500	
K P I Holdings, Inc.	2,001,196	
MEGTEC Holdings, Inc.	2,134,105	
Milwaukee Gear Company	2,118,461	
Nortek, Inc.	193,598	FINANCIAL SERVICES - 3.95%
Polypore, Inc.	1,002,500	American General Finance C
O E C Holding Corporation	1,519,637	C I T Group, Inc.

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Postle Aluminum Company LLC	3,718,007	Cemex Finance LLC
Thermadyne Holdings Corporation	116,725	Evertec, Inc.
Trimas Corporation	79,313	Ford Motor Credit Co.
Truck Bodies & Equipment International	2,078,587	General Motors Acceptance
Xaloy Superior Holdings, Inc.	1,858,275	Highgate Capital LLC
	-----	International Lease Financ
	24,302,088	Pinafore LLC
	-----	Ryder System, Inc.
		Societe Generale NA

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
September 30, 2010
(Unaudited)

	Fair Value/ Market Value	
INDUSTRY CLASSIFICATION:	-----	
HEALTHCARE, EDUCATION & CHILDCARE - 4.10%		
American Hospice Management Holding LLC	\$ 4,065,355	MACHINERY - 7.43%
F H S Holdings LLC	--	A S A P Industries LLC
Synteract Holdings Corporation	2,635,429	Davis-Standard LLC
Touchstone Health Partnership	--	E S P Holdco, Inc.
Wheaton Holding Corporation	3,050,577	M V I Holding, Inc.
	-----	Manitowoc Company, Inc.
	9,751,361	Navis Global
	-----	NetShape Technologies, Inc
HOME & OFFICE FURNISHINGS, HOUSEWARES & DURABLE CONSUMER PRODUCTS - 8.50%		
Connor Sport Court International, Inc.	2,614,320	Pacific Consolidated Holdi
H M Holding Company	513,825	Power Services Holding Com
Home Decor Holding Company	2,459,630	R E I Delaware Holding, In
Justrite Manufacturing Acquisition Co.	1,804,003	Safety Speed Cut Manufactu
K H O F Holdings, Inc.	187,965	Stanadyne Corporation
Libbey Glass, Inc.	134,375	Supreme Industries, Inc.
Monessen Holding Corporation	1,671,395	
Quiksilver, Inc.	298,463	MEDICAL DEVICES/BIOTECH -
Spectrum Brands, Inc.	135,625	Coeur, Inc.
Stanton Carpet Holding Co.	2,314,840	E X C Acquisition Corporat
Transpac Holding Company	1,701,455	ETEX Corporation
U M A Enterprises, Inc.	2,323,976	MedSystems Holdings LLC
U-Line Corporation	2,313,157	MicroGroup, Inc.
Wellborn Forest Holding Co.	1,722,139	OakRiver Technology, Inc.
	-----	Omnicare, Inc.
	20,195,168	Precision Wire Holding Com
	-----	TherOX, Inc.
LEISURE, AMUSEMENT & ENTERTAINMENT - 2.64%		
A M C Entertainment, Inc.	1,067,500	MINING, STEEL, IRON & NON-
Bally Total Fitness Holding Corporation	--	METALS - 1.32%
Boyd Gaming Corporation	718,875	T H I Acquisition, Inc.
Harrah's Operating Co.	355,875	Teck Resources Ltd.
Savage Sports Holding, Inc.	2,609,897	Tube City IMS Corporation
Ticketmaster Entertainment, Inc.	547,500	
Tunica-Biloxi Gaming Authority	971,531	

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6,271,178

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
September 30, 2010
(Unaudited)

INDUSTRY CLASSIFICATION:	Fair Value/ Market Value	

NATURAL RESOURCES - 1.71%		RETAIL STORES - 1.22%
Appleton Papers, Inc.	\$ 227,250	J.C. Penney Company, Inc.
Cenveo Corporation	1,356,750	Nebraska Book Company, Inc.
Georgia Culf Corporation	199,025	Olympic Sales, Inc.
International Coal Group, Inc.	662,500	Pinnacle Foods Finance LLC
Intrepid Potash, Inc.	9,516	Rental Service Corporation
SandRidge Energy, Inc.	1,093,500	Rite Aid Corporation
Verso Paper Holdings LLC	508,148	Rue21, Inc.
	-----	United Rentals, Inc.
	4,056,689	

OIL & GAS - 3.68%		TECHNOLOGY - 2.97%
Atlas Pipeline Partners	757,500	Compucom Systems, Inc.
Coffeyville Resources LLC	147,700	Fidelity National Informat
Chaparral Energy, Inc.	972,500	Magnachip Semiconductor
Energy Transfer Equity LP	105,250	NXP Funding LLC
International Offshore Services LLC	2,569,633	Sencore Holding Company
MBWS Ultimate Holdco, Inc.	3,079,260	Smart Source Holdings LLC
Total E & S, Inc.	1,108,008	ViaSystems, Inc.

	8,739,851	

PHARMACEUTICALS - 1.47%		TELECOMMUNICATIONS - 3.03%
CorePharma LLC	2,790,935	All Current Holding Compan
Valeant Pharmaceuticals International	204,500	Intelsat Bermuda Ltd.
Warner Chilcott Co. LLC	488,063	ITC^DeltaCom, Inc.
	-----	Level 3 Financing, Inc.
	3,483,498	Sprint Capital Corporation
	-----	Sundance Investco LLC
PUBLISHING/PRINTING - 1.03%		Telecorps Holdings, Inc.
Gannett Company, Inc.	136,875	West Corporation
McClatchy Co.	292,531	
Newark Group, Inc.	571,627	
Quebecor Media, Inc.	1,082,813	
Sheridan Acquisition Corporation	371,719	
	-----	TRANSPORTATION - 0.14%
	2,455,565	Hertz Corporation
	-----	NABCO, Inc.
		RailAmerica, Inc.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)
 September 30, 2010
 (Unaudited)

INDUSTRY CLASSIFICATION:	Fair Value/ Market Value

UTILITIES - 0.44%	
Crosstex Energy, L.P.	\$ 235,688
Energy Future Holdings	401,000
Inergy, L.P.	205,000
Markwest Energy Operating Co.	205,788

	1,047,476

WASTE MANAGEMENT/POLLUTION - 0.94%	
Terra Renewal LLC	2,228,370
Torrent Group Holdings, Inc.	--

	2,228,370

Total Investments - 108.25%	\$ 257,268,713
	=====

See Notes to Consolidated Financial Statements

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INCOME TAX INFORMATION

The aggregate cost of investments is substantially the same for financial reporting and Federal income tax purposes as of September 30, 2010. The net unrealized depreciation of investments for financial reporting and Federal tax purposes as of September 30, 2010 is \$24,359,778 and consists of \$22,289,105 appreciation and \$46,648,883 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

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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 September 30, 2010:

Assets:	Total	Level 1	Level 2	Level 3
<hr/>				
Restricted Securities				
Corporate Bonds	\$181,662,149	\$ --	\$ 11,667,898	\$169,994,251
Common Stock - U.S.	16,611,164	--	6,834	16,604,330
Preferred Stock	7,139,367	--	131,203	7,008,164
Partnerships and LLCs	8,123,720	--	--	8,123,720
Public Securities				
Corporate Bonds	36,525,769	--	36,525,769	--
Common Stock - U.S.	1,306,699	1,306,699	--	--
Preferred Stock	--	--	--	--
Short-term Securities	5,899,845	--	5,899,845	--
<hr/>				
Total	\$257,268,713	\$ 1,306,699	\$ 54,231,549	\$201,730,465

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
<hr/>				
Restricted Securities				
Corporate Bonds	\$ 152,772,751	\$ 6,884,600	\$ 10,336,900	\$ --
Common Stock - U.S.	14,693,318	1,647,206	263,806	--
Preferred Stock	6,638,626	2,381,932	(2,012,394)	--
Partnerships and LLCs	6,678,496	2,751,705	(1,306,481)	--
Public Securities				
Corporate Bonds	10	(8)	(2)	--
<hr/>				
	\$ 180,783,201	\$ 13,665,435	\$ 7,281,829	\$ --

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/ Michael L. Klofas

Michael L. Klofas, President

Date November 29, 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 November 29, 2010

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

James M. Roy, Vice President and
Chief Financial Officer

Date November 29, 2010

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