MASSMUTUAL CORPORATE INVESTORS Form N-30D November 24, 2010

 ${\tt MassMutual} \\ {\tt Corporate Investors} \\$

Report for the Nine Months Ended September 30, 2010

LOGO

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*Member of the MassMutual Financial Group

INVESTMENT OBJECTIVE AND POLICY

MassMutual Corporate Investors (the "Trust") is a closed-end management investment company, first offered to the public in 1971, whose shares are traded on the New York Stock Exchange under the trading symbol "MCI". The Trust's share price can be found in the financial section of most newspapers as "MassCp" or "MassMuInv" under either the New York Stock Exchange listings or Closed-End Fund Listings.

The Trust's investment objective is to maintain a portfolio of securities providing a fixed yield and at the same time offering an opportunity for capital gains. The Trust's principal investments are privately placed, below-investment grade, long-term debt obligations with equity features such as common stock, warrants, conversion rights, or other equity features and, occasionally, preferred stocks. The Trust typically purchases these investments, which are not publicly tradable, directly from their issuers in private placement transactions. These investments are typically mezzanine debt instruments with accompanying private equity securities made to small or middle market companies. In addition, the Trust may temporarily invest, subject to certain limitations, in marketable investment grade debt securities, other marketable debt securities (including high yield securities) and marketable common stocks. Below-investment grade or high yield securities have predominantly speculative characteristics with respect to the capacity of the issuer to pay interest and repay principal.

Babson Capital Management LLC ("Babson Capital") manages the Trust on a total return basis. The Trust distributes substantially all of its net income to shareholders each year. Accordingly, the Trust pays dividends to shareholders in January, May, August, and November. The Trust pays dividends to its shareholders in cash, unless the shareholder elects to participate in the Dividend Reinvestment and Share Purchase Plan.

FORM N-O

The Trust files its complete schedule of portfolio holdings with the U.S. Securities and Exchange Commission ("SEC") for the first and third quarters of each fiscal year on Form N-Q. This information is available (i) on the SEC's website at http://www.sec.gov; and (ii) at the SEC's Public Reference Room in Washington, DC (which information on their operation may be obtained by calling 1-800-SEC-0330). A complete schedule of portfolio holdings as of each quarter-end is available upon request by calling, toll-free, 866-399-1516.

PROXY VOTING POLICIES & PROCEDURES; PROXY VOTING RECORD

The Trustees of the Trust have delegated proxy voting responsibilities relating to the voting of securities held by the Trust to Babson Capital. A description of Babson Capital's proxy voting policies and procedures is available (1) without charge, upon request, by calling, toll-free 866-399-1516; (2) on the

Trust's website: http://www.babsoncapital.com/mci; and (3) on the SEC's website at http://www.sec.gov. Information regarding how the Trust voted proxies relating to portfolio securities during the most recent 12-month period ended June 30 is available (1) on the Trust's website: http://www.babsoncapital.com/mci; and (2) on the SEC's website at http://www.sec.gov.

MCI
LISTED
NYSE
THE NEW YORK STOCK EXCHANGE

MassMutual Corporate Investors

TO OUR SHAREHOLDERS

October 31, 2010

We are pleased to present the September 30, 2010 Quarterly Report of MassMutual Corporate Investors (the "Trust").

The Board of Trustees declared a quarterly dividend of 54 cents per share, payable on November 12, 2010 to shareholders of record on November 1, 2010. The Trust paid a 54 cent per share dividend for the preceding quarter. The Trust earned 56 cents per share of net investment income for the third quarter of 2010, compared to 54 cents per share in the previous quarter.

During the third quarter, the net assets of the Trust increased to \$237,659,696 or \$25.19 per share compared to \$226,229,994 or \$24.03 per share on June 30, 2010. This translates into a 7.2% total return for the quarter, based on the change in the Trust's net assets assuming the reinvestment of all dividends. Longer term, the Trust returned 17.9%, 5.5%, 9.7%, 11.2%, and 13.9% for the 1-, 3-, 5-, 10-, and 25-year time periods, respectively, based on the change in the Trust's net assets assuming the reinvestment of all dividends.

The Trust's share price increased 10.5% during the quarter, from \$26.85 per share as of June 30, 2010 to \$29.66 per share as of September 30, 2010. The Trust's market price of \$29.66 per share equates to a 17.8% premium over the September 30, 2010 net asset value per share of \$25.19. The Trust's average quarter-end premium for the 3, 5 and 10- year periods was 4.0%, 9.5% and 8.7%, respectively. U.S. equity markets, as approximated by the Russell 2000 Index, increased 11.3% for the quarter. U.S. fixed income markets, as approximated by the Barclays Capital U.S. Corporate High Yield Index, increased 6.7% for the quarter.

The Trust closed four new private placement investments and two "follow-on" investments in existing portfolio companies during the third quarter. The four new investments were in Associated Diversified Services, Barcodes Group, Inc., F F C Holding Corporation and MBWS Ultimate Holdco, Inc., while the two follow-on investments were in Northwest Mailing Services, Inc. and Pacific Consolidated Holdings LLC. A brief description of these investments can be found in the Consolidated Schedule of Investments. The total amount invested by the Trust in these six transactions was \$10,727,000.

As evidenced by the increased level of new investment activity, our deal flow during the third quarter was very robust, and has remained so as we moved into the fourth quarter. A variety of factors, including upcoming possible tax law changes, renewed vigor from private equity buyers after 12-18 months of limited activity, and the presence of cash-rich strategic buyers, have contributed to the high level of transaction volume. Of course, without an adequate supply of debt and equity capital, strong deal flow does not translate into new investments. Fortunately, there currently is a plentiful supply of equity capital. The availability of debt capital, particularly senior debt, has continued to improve and is adequate to meet the needs of the market. As a

result, we currently are very busy processing new transactions and expect that our efforts will result in a number of attractive new investments for the Trust in the fourth quarter of 2010. Barring any external shocks, we expect our investment activity to remain strong into 2011. Leverage multiples continued to increase during the quarter, but not to what we would view as excessive levels. Pricing and return expectations for new investments were stable during the quarter, and remain relatively favorable in our view. All in all, conditions are favorable for new investment activity.

The condition of our existing portfolio continued to improve in the third quarter. Sales and earnings for most of our portfolio companies have trended upward so far in 2010, after showing a deteriorating trend for all of 2009. It continues to be particularly refreshing to see some of our companies which had underperformed expectations begin to show improved results. Patience and, in certain cases, additional equity support from the equity sponsor group sometimes coupled with the deferral of interest on our debt obligations, has proven to be the right approach to helping these companies rebound. We had several more instances during the quarter in which companies which had stopped

(Continued)

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paying cash interest on our debt obligations resumed payment due to their improved operating results and liquidity position. Realization activity, which generally correlates highly with improved performance, also remained strong during the quarter. There were three companies in the Trust's portfolio, Diversco, Inc., K-Tek Holding Corporation, and Waggin' Train Holdings LLC, which were successfully sold during the quarter. One additional company, PAS Holdco LLC, was also sold for a nice gain in the first week of October. There continues to be a significant number of portfolio companies that are in various stages of a sale process and we are hopeful that many of these will turn into successful realizations in the upcoming quarters.

Certainly market conditions are constantly changing. As I have stated in prior quarters though, we will not waver in our approach to investing - we will continue to maintain the same discipline and investment philosophy that has served the Trust's shareholders well for so many years. Thank you for your continued interest in and support of MassMutual Corporate Investors.

Sincerely,

/s/ Michael L. Klofas

Michael L. Klofas President

PORTFOLIO COMPOSITION AS OF 9/30/10*

[PIE CHART APPEARS HERE]

PRIVATE / 144A HIGH YIELD DEBT 69.4% PUBLIC HIGH YIELD DEBT 14.0%

PRIVATE / RESTRICTED EQUITY

PUBLIC EQUITY

12.2%

0.5%

CASH & SHORT TERM INVESTMENTS

3.9%

Undistributed net investment income

* Based on market value of total investments (including cash) Cautionary Notice: Certain statements contained in this report may be "forward looking" statements. Investors are cautioned not to place undue reliance on forward-looking statements, which speak only as of the date on which they are made and which reflect management's current estimates, projections, expectations or beliefs, and which are subject to risks and uncertainties that may cause actual results to differ materially. These statements are subject to change at any time based upon economic, market or other conditions and may not be relied upon as investment advice or an indication of the Trust's trading intent. References to specific securities are not recommendations of such securities, and may not be representative of the Trust's current or future investments. We undertake no obligation to publicly update forward looking statements, whether as a result of new information, future events, or otherwise. ______ 2 CONSOLIDATED STATEMENT OF ASSETS AND LIABILITIES MassMutual Corporate Investors SEPTEMBER 30, 2010 (UNAUDITED) ASSETS: Investments (See Consolidated Schedule of Investments) Corporate restricted securities at fair value (Cost - \$223,370,201) \$ 201, 158, 838 Corporate restricted securities at market value (Cost - \$12,416,379) 12,377,562 Corporate public securities at market value (Cost - \$39,942,066) 37,832,468 Short-term securities at amortized cost 5,899,845 257, 268, 713 4,354,524 Cash Interest receivable 6,497,650 Receivable for investments sold 1,273,011 Other assets 6,285 TOTAL ASSETS 269,400,183 LIABILITIES: Investment advisory fee payable 742,687 Note payable 30,000,000 202,105 Interest payable 642,488 Accrued taxes payable 119,271 Accrued expenses Other payables 33,936 TOTAL LIABILITIES 31,740,487 TOTAL NET ASSETS \$ 237,659,696 NET ASSETS: Common shares, par value \$1.00 per share; an unlimited number authorized 9,436,429 115,517,047 Additional paid-in capital Retained net realized gain on investments, prior years 127,688,004

7,337,131

Accumulated net realized gain on investments Net unrealized depreciation of investments	2,040,863 (24,359,778)
Total net assets	\$ 237,659,696
Common shares issued and outstanding	9,436,429
Net asset value per share	\$ 25.19
See Notes to Consolidated Financial Statements	
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CONSOLIDATED STATEMENT OF Operations FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2010 (UNAUDITED)	
INVESTMENT INCOME: Interest Dividends Other	\$ 18,731,193 157,828 71,572
TOTAL INVESTMENT INCOME	18,960,593
EXPENSES: Investment advisory fees Interest Trustees' fees and expenses Professional fees Reports to shareholders Custodian fees Transfer agent/registrar's expenses Other	2,139,455 1,188,000 188,200 111,600 90,000 20,000 14,100 21,454
TOTAL EXPENSES	3,772,809
INVESTMENT INCOME - NET	15,187,784
NET REALIZED AND UNREALIZED GAIN ON INVESTMENTS: Net realized gain on investments before taxes Income tax expense	3,556,455 (646,067)
Net realized gain on investments after taxes Net change in unrealized depreciation of investments before taxes Net change in deferred income tax expense	2,910,388 13,392,943 165,290
Net change in unrealized depreciation of investments after taxes	13,558,233
NET GAIN ON INVESTMENTS	16,468,621
NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS	\$ 31,656,405
See Notes to Consolidated Financial Statements	

CONSOLIDATED STATEMENT OF CASH FLOWS FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2010 (UNAUDITED)

MassMutual Corporate Investors

NET DECREASE IN CASH: Cash flows from operating activities:	
Purchases/Proceeds/Maturities from short-term portfolio securities, net Purchases of portfolio securities Proceeds from disposition of portfolio securities Interest, dividends and other income received	\$ (5,887,698) (55,701,849) 51,319,185 14,678,125
Interest expense paid Operating expenses paid Income taxes paid	(1,188,000) (2,530,263) (59,579)
NET CASH PROVIDED BY OPERATING ACTIVITIES	629 , 921
Cash flows from financing activities: Cash dividends paid from net investment income Receipts for shares issued on reinvestment of dividends	(15,214,217) 1,722,041
NET CASH USED FOR FINANCING ACTIVITIES	(13,492,176)
NET DECREASE IN CASH Cash - beginning of year	(12,862,255) 17,216,779
CASH - END OF PERIOD	\$ 4,354,524 =======
RECONCILIATION OF NET INCREASE IN NET ASSETS TO NET CASH PROVIDED BY OPERATING ACTIVITIES:	
NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS	\$ 31,656,405
Increase in investments Increase in interest receivable Increase in receivable for investments sold Increase in other assets Increase in investment advisory fee payable Decrease in accrued expenses Increase in accrued taxes payable Decrease in other payables	(26,709,065) (3,341,582) (1,225,709) (6,285) 72,572 (45,676) 421,198 (191,937)
TOTAL ADJUSTMENTS TO NET ASSETS FROM OPERATIONS	(31,026,484)
NET CASH PROVIDED BY OPERATING ACTIVITIES	\$ 629,921 =======
See Notes to Consolidated Financial Statements	
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CONSOLIDATED STATEMENTS OF CHANGES IN NET ASSETS

For the nine months ended For the 09/30/10 year ended

	(Unaudited)	12/31/09
INCREASE IN NET ASSETS:		
Operations:		
Investment income - net	\$ 15,187,784	\$ 19,170,41
Net realized gain on investments	2,910,388	868,41
Net change in unrealized depreciation of investments	13,558,233	5,285,77
Net increase in net assets resulting from operations	31,656,405	25 , 324 , 60
<pre>Increase from common shares issued on reinvestment of dividends Common shares issued (2010 - 68,813; 2009 - 48,107)</pre>	1,722,041	1,137,71
Dividends to shareholders from: Net investment income (2010 - \$1.08 per share; 2009 -		
\$2.16 per share)	(10,155,704)	(20,168,88
Total increase in net assets	23,222,742	6 , 293 , 43
Net assets, beginning of year	214,436,954	208,143,51
Net assets, end of period/year (including undistributed net		
investment income of \$7,337,131 and \$2,305,051, respectively)	\$ 237,659,696	\$ 214,436,95

See Notes to Consolidated Financial Statements

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CONSOLIDATED SELECTED FINANCIAL HIGHLIGHTS MassMutual Corporate Investors SELECTED DATA FOR EACH SHARE OF BENEFICIAL INTEREST OUTSTANDING:

	mont	the nine ths ended /30/2010			_		
		audited)		2009			2007
Net asset value:		00.00	^	00 22	07.10	^	07.51
Beginning of year	\$ 	22.89			27.19		
Net investment income (a) Net realized and unrealized		1.62					
gain (loss) on investments		1.75					
Total from investment operations		3.37					
Dividends from net investment income to common shareholders		(1.08)		(2.16)	(2.16)		(2.57)
Dividends from net realized gain on investments to common shareholders							
Increase from dividends reinvested		0.01					
Total dividends					(2.15)		

Net asset value: End of period/year	\$ 25.19	\$	22.89	\$ 22.33	\$ 27.19
Per share market value: End of period/year	\$	\$		19.25	\$ 30.20
Total investment return Net asset value (c) Market value	15.14% 23.19%		12.64% 39.89%	(10.34%) (30.44%)	8.72% (8.78%)
<pre>Net assets (in millions): End of period/year</pre>	\$ 237.66	\$	214.44	\$ 208.14	\$ 251.16
Ratio of operating expenses to average net assets	1.55%(d)	1.58%	1.49%	1.55%
Ratio of interest expense to average net assets	0.72%(d)	0.75%	0.67%	0.59%
Ratio of income tax expense to average net assets (e)	0.39%(d)	0.00%	0.00%	0.35%
Ratio of total expenses before custodian fee reduction to average net assets (e)	2.66%(d)	2.33%	2.16%	2.49%
Ratio of net expenses after custodian fee reduction to average net assets (e)	2.66%(d)	2.33%	2.16%	2.49%
Ratio of net investment income to average net assets	9.13%(d)	9.06%	9.01%	9.17%
Portfolio turnover	22%		23%	32%	44%

- (a) Calculated using average shares.
- (b) Amount includes \$0.19 per share in litigation proceeds.
- (c) Net asset value return represents portfolio returns based on change in the Trust's net asset of all dividends and distributions which differs from the total investment return based on the the difference between the Trust's net asset value and the market value of its shares outstan guarantee of future results.
- (d) Annualized
- (e) As additional information, this ratio is included to reflect the taxes paid on retained longare netted against realized capital gains in the Statement of Operations. The taxes paid are and a credit for the taxes paid is passed on to the shareholders.

Senior borrowings: Total principal amount (in millions)	\$ 30	\$ 30	\$ 30	\$ 30
Asset coverage per \$1,000 of indebtedness	\$ 8,922	\$ 8,148	\$ 7 , 938	\$ 9,372

See Notes to Consolidated Financial Statements

CONSOLIDATED SCHEDULE OF INVESTMENTS September 30, 2010 (Unaudited)

> Principal Amount Shares, Units or Ownership Acquisition Percentage

Date

PRIVATE PLACEMENT INVESTMENTS - 84.64%		
A E COMPANY, INC.		
A designer and manufacturer of machined parts and assembly 11% Senior Secured Note due 2015	structures for the comm \$ 1,413,462	mercial and mil:
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 fo	r the commercial sector	r
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 n	atural 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 components primarily for the military and aerospace sectors		ons products, co
12.75% Senior Subordinated Note due 2016	\$ 2,318,182	10/09/09
Limited Liability Company Unit Class A (B)		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 ser operating in the State of Indiana.	vices to non-residentia	al construction
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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MassMutual Corporate Investors

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

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Principal Amount Shares, Units

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	or Ownership Percentage	Acquisition Date
ADVANCED TECHNOLOGIES HOLDINGS A provider of factory maintenance services to industrial comp	panies.	
15% Senior Subordinated Note due 2013 Preferred Stock (B)	\$ 2,215,488 1,031 shs.	12/27/07 12/27/07
AERO HOLDINGS, INC. A provider of geospatial services to corporate and government	c 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) Warrant, exercisable until 2015, to purchase	262,500 shs.	03/09/07
common stock at \$.01 per share (B)	66,116 shs.	03/09/07
A specialty re-seller of essential electrical parts and composite the seller Subordinated Note due 2015 Common Stock (B) Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	\$ 1,140,317 1,347 shs. 958 shs.	-
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) Preferred Class B Unit (B)	3,223 uts. 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 12.5% Senior Subordinated Note due 2016 Preferred Stock Series B (B) Common Stock (B)	d software to commerc: \$ 1,912,500 3,065 shs. 1,366 shs.	ial and retail b 04/28/09 04/28/09 04/28/09

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

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

ARROW TRU-LINE HOLDINGS, INC. A manufacturer of hardware for residential and commercial 12% Senior Subordinated Note due 2012	overhead garage doors is \$ 1,859,060	n North America 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 prime	marily to electric utili	ty companies pre
distribution lines.		oj component per
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 distibutor and reseller of automatic identification and point-of-sale systems, labels, and accessories. 13.5% Senior Subordinated Note due 2016	data capture equipment, \$ 1,915,953	including mobil
Preferred Stock (B)	39 shs.	07/27/10
Common Stock (B)	131 shs.	07/27/10
Warrant, exercisable until 2020, to purchase	131 3113.	01/21/10
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 urethane wheels.	s including canopies, tra	ampolines, in-la
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 press 10.5% Senior Secured Term Note due 2014 12.5% Senior Subordinated Note due 2015	\$ 659,946 \$ 750,872	08/07/08 08/07/08
Common Stock (B)	73,256 shs.	08/07/08
Warrant, exercisable until 2018, to purchase	E7 (00 -1-	00/07/00
common stock at \$.01 per share (B)	57,600 shs.	08/07/08

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MassMutual Corporate Investors

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 pharmaceutic Common Stock (B)	cal products. 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 Preferred Stock (B)	• •	12/02/08 12/02/08
COEUR, INC. A producer of proprietary, disposable power injection syringes 12% Senior Subordinated Note due 2016 Common Stock (B) Warrant, exercisable until 2018, to purchase		10/10/08
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 10% Senior Subordinated Note due 2014 (D) Limited Liability Company Unit Class A (B) Limited Liability Company Unit Class C (B) Limited Liability Company Unit Class D (B) Limited Liability Company Unit Class E (B)	\$ 1,456,429 156,046 uts. 112,873 uts.	markets. 01/12/07 01/12/07 01/12/07 05/03/10 05/03/10
CONNOR SPORT COURT INTERNATIONAL, INC. A designer and manufacturer of outdoor and indoor synthetic synthetic synthetric State of Stock Series B-2 (B) Preferred Stock Series C (B) Common Stock (B) Limited Partnership Interest (B) *08/12/04 and 01/14/05. COREPHARMA LLC	ports flooring and other 17,152 shs. 8,986 shs. 718 shs. 12.64% int.	temporary : 07/05/07 07/05/07 07/05/07 *
A manufacturer of oral dose generic pharmaceuticals targeted a 12% Senior Subordinated Note due 2013 Warrant, exercisable until 2013, to purchase	at niche applications. \$ 2,550,000	08/04/05
common stock at \$.001 per share (B)	20 shs.	08/04/05

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2010 (Unaudited)

	Principal Amount Shares, Units or Ownership	Acquisition
CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Percentage	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	126 070 -1-	00/01/00
common stock at \$.01 per share (B)	136,070 shs.	08/21/08
CUSTOM ENGINEERED WHEELS, INC. A manufacturer of custom engineered, non-pneumatic plasti	c wheels and plastic tre	ad cap tires use
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	50. 1	10/05/00
common stock at \$.01 per share (B)	53 shs.	10/27/09
DAVIS-STANDARD LLC		
A manufacturer, assembler, and installer of a broad range processing of plastic materials.	of capital equipment th	at is used in th
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 maintenan Membership Interests of MM/Lincap	ce services and temporar	y production lab
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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MassMutual Corporate Investors

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

Principal Amount

	Shares, Units	
	or Ownership	Acquisition
CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Percentage	Date
DUNCAN SYSTEMS, INC.		
A distributor of windshields and side glass for the recreation	al 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	EC E11 aba	11 /01 /06
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 of	ffice equipment, pr	imarily supplyin
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	' ou o droug	3-32
A manufacturer of pre-filled syringes and pump systems used for	r intravenous drug	delivery.
Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)	22 shs.	06/28/04
COMMON SLOCK at 3.01 per Share (b)	22 5115.	00/20/04
EATEM HOLDING COMPANY		
A developer and manufacturer of savory flavor systems for soup	s, sauces, gravies,	and other produ
for retail and foodservice end products.	¢ 2.950.000	02/01/10
12.5% Senior Subordinated Note due 2018	\$ 2,850,000 150 shs.	02/01/10
Common Stock (B) Warrant, exercisable until 2018, to purchase	150 sns.	02/01/10
common stock at \$.01 per share (B)	358 shs.	02/01/10
common beach as 4.01 per share (2,	500 Silo •	02/01/10
F C X HOLDINGS CORPORATION		
A distributor of specialty/technical valves, actuators, access high purity, and energy end markets in North America.	ories, and process	instrumentation
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

September 30, 2010 (Unaudited)

	Principal Amount Shares, Units or Ownership	Acquisition
CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Percentage	Date
F F C HOLDING CORPORATION A leading U.S. manufacturer of private label frozen novelty an 16% Senior Subordinated Note due 2014 Limited Liability Company Units Preferred (B) Limited Liability Company Units (B)		
F H S HOLDINGS LLC A national provider of customized disease management services 12% Senior Subordinated Note due 2014 (D) Limited Liability Company Units of Linden/FHS Holdings LLC (B) Common Unit Class B (B)	\$ 2,390,625	employers. 06/01/06 06/01/06 06/01/06
FLUTES, INC. An independent manufacturer of micro fluted corrugated sheet m 10% Senior Secured Term Note due 2013 (D) 14% Senior Subordinated Note due 2014 (D)	aterial for the food \$ 918,385 \$ 555,059	and consumer p 04/13/06 04/13/06
GOLDEN COUNTY FOODS HOLDING, INC. A manufacturer of frozen appetizers and snacks. 16% Senior Subordinated Note due 2015 16% PIK Note due 2015 8% Series A Convertible Preferred Stock, convertible into fully diluted common shares (B)	\$ 1,912,500 \$ 472,711 146,658 shs.	11/01/07 12/31/08 11/01/07
H M HOLDING COMPANY A designer, manufacturer, and importer of promotional and wood 7.5% Senior Subordinated Note due 2013 (D) Preferred Stock (B) Preferred Stock Series B (B) Common Stock (B) Common Stock Class C (B) Warrant, exercisable until 2013, to purchase common stock at \$.02 per share (B)	furniture. \$ 685,100 40 shs. 2,055 shs. 340 shs. 560 shs.	10/15/09 * 10/15/09 02/10/06 10/15/09 02/10/06
* 09/18/07 and 06/27/08.		
HIGHGATE CAPITAL LLC An acquirer of controlling or substantial interests in manufactories A Preferred Units (B)	turing and marketing 1.19% int.	entities. 07/21/94

MassMutual Corporate Investors

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

	Principal Amount Shares, Units or Ownership	Acquisition
CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Percentage	Date
HOME DECOR HOLDING COMPANY A designer, manufacturer and marketer of framed art and wall decompany	_	
12.5% Senior Subordinated Note due 2012 Common Stock (B) Warrant, exercisable until 2012, to purchase	\$ 2,043,269 63 shs.	*
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 m		00/10/00
12% Senior Subordinated Note due 2016 Common Stock (B)	\$ 2,075,581 474 shs.	08/19/08 08/19/08
Warrant, exercisable until 2016, to purchase	171 0110 •	00/19/00
common stock at \$.01 per share (B)	123 shs.	08/19/08
<pre>INSURANCE CLAIMS MANAGEMENT, INC. A third party administrator providing auto and property claim formon Stock (B) Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)</pre>	administration service 69 shs. 20 shs.	s for insuran 02/27/07 02/27/07
INTERNATIONAL OFFSHORE SERVICES LLC A leading provider of marine transportation services, platform	decommissioning, and	salvage servi
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 13% Senior Subordinated Note due 2010 (D) Limited Partnership Interest of Saw Mill Capital Fund II, L.P. (B)	markets. \$ 963,687 2.50% int.	08/04/00 08/03/00
JUSTRITE MANUFACTURING ACQUISITION CO. A manufacturer of safety products such as storage cabinets and 12% Senior Subordinated Note due 2011 Warrant, exercisable until 2011, to purchase	containers. \$ 1,593,750	12/15/04
common stock at \$.01 per share (B)	1,121 shs.	12/15/04

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

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage	Acquisition Date
K H O F HOLDINGS, INC. A manufacturer of premium disposable tableware products servin Common Stock (B)	g both the foodservio	e and consumer
K N B HOLDINGS CORPORATION A designer, manufacturer and marketer of products for the cust 15.5% Senior Subordinated Note due 2013 (D) Common Stock (B) Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B)	om framing market. \$ 3,012,887 134,210 shs. 82,357 shs.	05/25/06 05/25/06 05/25/06
K P I HOLDINGS, INC. The largest player in the U.S. non-automotive, non-ferrous die 18% Senior Subordinated Note due 2014 (D) Convertible Preferred Stock Series C (B) Convertible Preferred Stock Series D (B) Common Stock (B) Warrant, exercisable until 2018, to purchase	casting segment. \$ 2,106,522 55 shs. 24 shs. 443 shs.	07/16/08 06/30/09 09/17/09 07/15/08
common stock at \$.01 per share (B) * 07/16/08 and 09/17/09.	734 shs.	*
<pre>K W P I HOLDINGS CORPORATION A manufacturer and distributor of vinyl windows and patio door 18% Senior Subordinated Note due 2014 (D) Common Stock (B) Warrant, exercisable until 2019, to purchase preferred stock at \$.01 per share (B) Warrant, exercisable until 2017, to purchase common stock at \$.01 per share (B)</pre>	s throughout the nort \$ 2,938,407 232 shs. 134 shs. 167 shs.	03/14/07 03/13/07 03/13/07 07/07/09 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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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2010 (Unaudited)

	Principal Amount Shares, Units or Ownership	Acquisition
CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Percentage	Date
M V I HOLDING, INC. A manufacturer of large precision machined metal components the oil and gas, mining, and defense markets.	used in equipment whi	ch services a va
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, lettersh	oon goryigog and gom	morgial 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	21,100 acs.	
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 wi	ine 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 t	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

Principal Amount

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

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage	Acquisition Date
controlled (ii) (concernaca)		
MEDCYCTEMO HOLDINGS II.C		
MEDSYSTEMS HOLDINGS LLC A manufacturer of enteral feeding products, such as fee	eding tubes and other product	s related to a
13% Senior Subordinated Note due 2015	\$ 1,172,388	
Preferred Unit (B)	126 uts.	
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	_	
12% Senior Subordinated Note due 2016 Preferred Stock (B)	\$ 2,161,017 107 shs.	09/24/08 09/24/08
, ,	107 sns. 1.40% int.	09/24/08
Limited Partnership Interest (B) Warrant, exercisable until 2018, to purchase	1.40% INC.	09/16/08
common stock at \$.01 per share (B)	35 shs.	09/24/08
common scock at v.or per share (b)	33 3113.	07/24/00
MICROGROUP, INC.		
A manufacturer of precision parts and assemblies, and a	a value-added supplier of met	al 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 equi	nment manufact
industries.	arrives asea by originar equi	ipmerre marrarace
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.	sial formaltura manufactura	
A designer and supplier of upholstery fabric to commerce	21.23% int.	08/04/06
Limited Partnership Interest (B) Warrant, exercisable until 2014, to purchase	Z1.Z3% INC.	08/04/06
common stock at \$.02 per share (B)	1,107 shs.	08/04/06
common beook at 4.02 per share (b)	1,107 3113.	00/04/00

MassMutual Corporate Investors

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

Warrant, exercisable until 2014, to purchase

common stock at \$.01 per share (B)

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	_	
14% Senior Subordinated Note due 2014 (D)	\$ 2,550,000	07/25/08
14% PIK Note due 2014 (D) Warrant, exercisable until 2014, to purchase	\$ 792 , 791	07/25/08
common stock at \$.02 per share (B)	152 shs.	03/31/06
Common Scock at 4.02 per share (b)	102 5110.	03/31/00
NABCO, INC.		
A producer of explosive containment vessels in the United Stat		00/01/05
14% Senior Subordinated Note due 2014 (D)	\$ 625,000	02/24/06
Limited Liability Company Unit (B) Warrant, exercisable until 2016, to purchase	825 uts.	^
common stock at \$.01 per share (B)	129 shs.	02/24/06
-	129 5115.	02/24/00
* 02/24/06 and 06/22/07.		
NAVIS GLOBAL		
A designer, manufacturer, seller and servicer of finishing mac	hinery for the knit	and woven seame
10.75% Senior Secured Note due 2011 (D)	\$ 695,588	05/28/04
14% Senior Subordinated Note due 2014 (D)	\$ 1,365,385	
	, ,	
NESCO HOLDINGS CORPORATION		
A sales and leasing company that provides equipment to the ele	=	communications,
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	110 060 1	00/00/07
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 prec	ision components use	ed 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.	*
Limited Liability Company Unit Class D-1 of	100	00/00/00
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

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	Acquisition
CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Percentage	Date
NORTHWEST MAILING SERVICES, INC. A producer of promotional materials for companies that use 12% Senior Subordinated Note due 2016 Limited Partnership Interest (B) Warrant, exercisable until 2019, to purchase common stock at \$.01 per share (B)	direct mail as part of \$ 2,818,421 3,287 uts. 4,920 shs.	their customer * * *
* 07/09/09 and 08/09/10		
NYLONCRAFT, INC. A supplier of engineered plastic components for the automot 10% Senior Secured Note due 2012 15% Senior Subordinated Note due 2012 (D) Convertible Preferred Stock A (B) Common Stock (B) Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)	\$ 812,500 \$ 500,000 1,000 shs. 312,500 shs. 243,223 shs.	01/28/02 01/28/02 01/28/02 01/28/02
O E C HOLDING CORPORATION A provider of elevator maintenance, repair and modernization 13% Senior Subordinated Note due 2017 Preferred Stock Series A (B) Preferred Stock Series B (B) Common Stock (B)	on services. \$ 1,333,333 1,661 shs. 934 shs. 1,032 shs.	06/04/10 06/04/10 06/04/10 06/04/10
OAKRIVER TECHNOLOGY, INC. Designs, engineers and assembles high precision automated p	\$ 80,468 \$ 687,241 322,307 shs. 75,378 shs.	he medical devi 01/03/06 01/03/06 01/03/06 01/03/06
OLYMPIC SALES, INC. A boat retailer in Washington state, Oregon, California and 12% Senior Subordinated Note due 2010 (D) 12% Senior Subordinated Note due 2010 (D)	British Columbia. \$ 1,022,000 \$ 307,071	08/07/98 02/09/00

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A manufacturer of plastic bottles and closures for the nutritional, pharmaceutical, personal care

PARADIGM PACKAGING, INC.

12% Senior Subordinated Note due 2011

Membership Interests of MM/Lincap

\$ 2,125,000 12/19/00

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
contonall habitatelle sacontillas. (A) (continued)		
PEARLMAN ENTERPRISES, INC. A developer and distributor of tools, equipment, and suppli Preferred Stock Series A (B) Preferred Stock Series B (B) Common Stock (B)	2,334 shs. 13,334 shs. 40,540 shs.	engineered stone 05/22/09 05/22/09 05/22/09
POSTLE ALUMINUM COMPANY LLC		
A manufacturer and distributor of aluminum extruded product	S.	
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 serving the petrochemical, mining, power generation, metals 12% Senior Subordinated Note due 2016 Limited Partnership Interest (B) Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	=	_
PRECISION WIRE HOLDING COMPANY A manufacturer of specialty medical wires that are used in 14.25% Senior Subordinated Note due 2016	non-elective minimally \$ 2,584,168	invasive surgic
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 p	products.	
13% Senior Subordinated Note due 2013	\$ 1,742,711	05/28/04
Common Stock (B)	354,167 shs.	05/28/04
Warrant evercicable until 2014 to nurchase		

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)

CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Principal Amount Shares, Units or Ownership Percentage	Acquisition Date
R A J MANUFACTURING HOLDINGS LLC A designer and manufacturer of women's swimwear sold under		
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 toler equipment primarily for aerospace, medical and defense/rada 12% Senior Subordinated Note due 2016	_	olies, tooling
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 marb 12.5% Senior Subordinated Note due 2011 Warrant, exercisable until 2011, to purchase	le bathroom products. \$ 1,062,500	11/14/03
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 w Class B Common Stock (B)	oodworking industry. 1,480 shs.	06/02/99
SAVAGE SPORTS HOLDING, INC. A manufacturer of sporting firearms. 12% Senior Subordinated Note due 2012 Preferred Stock Series A (B) Common Stock (B) Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)	\$ 1,538,793 66,185 shs. 612 shs.	09/10/04 05/28/10 *

* 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

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

	Principal Amount	
	Shares, Units or Ownership	Acquisition
CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Percentage	Date
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	157 shs.	*
common stock at \$.01 per share (B)	13/ 8118.	
* 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
Common Scock at 4.01 per share (b)	231 3113.	14/15/05
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, excercisable until 2018, to purchase common stock at \$.01 per share (B)	11,054 shs.	10/23/08
Common Stock at 4.01 per share (2)	11,001 0110.	10,20,00
STANTON CARPET HOLDING CO.		
A designer and marketer of high and mid-priced decorative carr	pets 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
Common Stock at 9.02 per Share (b)	104 5115.	00/01/00

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 of 14.5% Senior Subordinated Note due 2016
Redeemable Preferred Stock Series A (B)
Warrant, exercisable until 2018, to purchase \$ 2,609,066 09/02/08 1,280 shs. 09/02/08 common stock at \$.01 per share (B) 12,803 shs. 09/02/08 ______ 24 MassMutual Corporate Investors CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED) September 30, 2010 (Unaudited) Principal Amount Shares, Units or Ownership Acquisition CORPORATE RESTRICTED SECURITIES: (A) (Continued) Percentage Date -----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 Warrant, exercisable until 2016, to purchase 9 shs. 01/14/08 common stock at \$.01 per share (B) TELECORPS HOLDINGS, INC. A provider of equipment and services to producers of television shows and motion pictures. 12.75% Senior Subordinated Note due 2016 \$ 3,176,506 270 shs. 09/02/09 Common Stock (B) 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 72 shs. 04/28/06 common stock at \$.01 per share (B)

* 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) Common Stock (B)	182 shs. 515 shs.	03/31/10 03/31/10
TOTAL E & S, INC. A manufacturer of a wide variety of equipment used in the oil 10.5% Senior Secured Term Note due 2013 13% Senior Subordinated Note due 2014 (D)	and gas industry. \$ 851,351 \$ 598,450	03/02/07 03/02/07
CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED) September 30, 2010 (Unaudited)		
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 14% Senior Subordinated Note due 2015 (D) Common Stock (B) Warrant, exercisable until 2015, to purchase common stock at \$.01 per share (B)	gift products. \$ 1,773,006 209 shs. 94 shs.	10/31/07 10/31/07 10/31/07
TRANSTAR HOLDING COMPANY A distributor of aftermarket automotive transmission parts. 12% Senior Subordinated Note due 2014 Common Stock (B) Warrant, exercisable until 2013, to purchase common stock at \$.02 per share (B)	\$ 1,734,000 1,078 shs. 86 shs.	08/31/05 * 08/31/05
* 08/31/05 and 04/30/07.		
TRANZONIC COMPANIES (THE) A producer of commercial and industrial supplies, such as safe supplies and sanitary care products. 13% Senior Subordinated Note due 2010 Common Stock (B) Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	\$ 2,712,000 630 shs. 444 shs.	al supplies, w 02/05/98 02/04/98 02/05/98
TRUCK BODIES & EQUIPMENT INTERNATIONAL A designer and manufacturer of accessories for heavy and medium bodies, landscape bodies and other accessories. 8% Senior Subordinated Note due 2011 (D) Preferred Stock Series B (B) Common Stock (B)	n duty trucks, primar \$ 2,309,541 241 shs. 742 shs.	ily dump bodie * 10/20/08 *

Warrant, exercisable until 2013, to purchase common stock at \$.02 per share (B) Warrant, exercisable until 2018, to purchase common stock at \$.01 per share (B)	153 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
26		
MassMut CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED) September 30, 2010 (Unaudited)	ual Corporate Investors	
	Principal Amount Shares, Units or Ownership	Acquisition
CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Percentage	Date
U M A ENTERPRISES, INC. An importer and wholesaler of home decor products. 15% Senior Subordinated Note due 2015 Convertible Preferred Stock (B)	\$ 1,799,982 887 shs.	02/08/08 02/08/08
U-LINE CORPORATION A manufacturer of high-end, built-in, undercounter ice m. 14.5% Senior Subordinated Note due 2012 14.5% PIK Note due 2012 Common Stock (B) Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)	aking, wine storage and ref \$ 1,882,100 \$ 418,614 182 shs. 230 shs.	rigeration app 04/30/04 10/06/09 04/30/04 04/30/04
VISIONEERING, INC. A designer and manufacturer of tooling and fixtures for 10.5% Senior Secured Term Loan due 2013 13% Senior Subordinated Note due 2014 18% PIK Convertible Preferred Stock (B) Common Stock (B) Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)	the aerospace industry. \$ 802,941 \$ 648,530 37,381 shs. 123,529 shs. 35,006 shs.	05/17/07 05/17/07 03/13/09 05/17/07
VITEX PACKAGING GROUP, INC. A manufacturer of specialty packaging, primarily enveloped 10% Senior Subordinated PIK Note due 2011 5% Senior Subordinated PIK Note due 2011 (D) Class B Unit (B)	es and tags used on tea bag \$ 169,294 \$ 850,000 767,881 uts.	s. 10/29/09 06/30/07 10/29/09

Lagar rilling. W// 100 W/0 TO/ 12 OOT W OT W/TE 1144 E0 TO TO	5 1 OHH 14 00B	
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.	
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)		
	Principal Amount	
	Shares, Units	
CORRESPONDE PROMPTOMER ORIGINATING (A) (Correliance)	or Ownership	Acquisition
CORPORATE RESTRICTED SECURITIES: (A) (Continued)	Percentage	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 i	n 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 equipm	ment for both plastic	injection moldi
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)		

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%:				
NOBE 144A SECONTILES J.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

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

			Shares or	
	Interest	Due	Principal	
CORPORATE RESTRICTED SECURITIES (A) (Continued)	Rate	Date	Amount	Cost

Visant Corporation	10.0009	10/01/17	\$ 75,000	\$	75,00
Warner Chilcott Co. LLC		09/15/18			
West Corporation	11.000	10/15/16	150,000		158,84
TOTAL BONDS					11,565,40
CONVERTIBLE PREFERRED STOCK - 0.00%					
ETEX Corporation (B)			777		71
TOTAL CONVERTIBLE PREFERRED STOCK				_	 71
PREFERRED STOCK - 0.06%					
General Motors Acceptance Corporation, I	inc.				45,00
TherOX, Inc. (B)			103	_	4,13
TOTAL PREFERRED STOCK					49,14
COMMON STOCK - 0.24%				-	
Newark Group, Inc. (B)			134,520		796 , 86
Nortek, Inc. (B)			175		,
Touchstone Health Partnership (B)			1,168		4,25
TOTAL COMMON STOCK				-	 801 , 11
TOTAL COMMON STOCK					
TOTAL DIVID 1443 CHOUDTEIN					10 416 05
TOTAL RULE 144A SECURITIES				_	12,416,37
					005 506 50
TOTAL CORPORATE RESTRICTED SECURITIES				\$:	235 , 786 , 58

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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
DONING 15 270				
BONDS - 15.37%	11.000%	02/01/16	\$ 1.000.000	ė 1 000 10
A M C Entertainment, Inc.				\$ 1,003,18
ACCO Brands Corporation	10.625	03/15/15	100,000	98 , 73
Affinia Group, Inc.	9.000	11/30/14	50,000	48,50
American Axle & Manufacturing Holding, Inc.	7.875	03/01/17	750,000	608,62
American General Finance Corporation	6.500	09/15/17	375 , 000	322,50
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
				T T

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		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
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

Shares

Cost

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

CORPORATE PUBLIC SECURITIES: (A) (Continued

			2.0	Ċ	
			•		•
					11,68
			178,666		1,563,32
					12,35
			125,116		267,31
					4,496,08
				\$	39,942,06
			_		Cost
0.330%	10/05/10	\$	2,400,000	\$	2,399,91
				\$	5,899,84
108.25%					81,628,49
				==	
5.10					
5.10 (13.35)					
	Rate/Yield^ 0.330% 0.230	Rate/Yield^ Date 0.330% 10/05/10 0.230 10/04/10	Rate/Yield^ Date	9,541 97,500 368,560 365 178,666 650 125,116 Interest Due Principal Rate/Yield^ Date Amount 	178,666 650 125,116 Interest Due Principal Rate/Yield^ Date Amount

- (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 & ENTERTAINME
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	Geoeye, 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
	10,551,200	Nexstar Broadcasting Group Sinclair Television Group, Univision Communications,
AUTOMOBILE - 5.16%		Workplace Media Holding Co
American Axle & Manufacturing Holding, Inc.	743,438	
Exide Corporation	439,675	
Goodyear Tire & Rubber Co.	113,250	
Jason, Inc.	48,184	BUILDINGS & REAL ESTATE -
Nyloncraft, Inc.	1,693,004	K W P I Holdings Corporati
Ontario Drive & Gear Ltd.	793,403	Owens Corning, Inc.
Qualis Automotive LLC	2,743,854	TruStile Doors, Inc.
Titan International, Inc.	1,150,250	
Transtar Holding Company	3,444,388	
United Components, Inc.	1,098,900	
	12,268,346	CHEMICAL, PLASTICS & RUBBE Capital Specialty Plastics
BEVERAGE, DRUG & FOOD - 6.43%		CONSUMER PRODUCTS - 10.28%
Eatem Holding Company	3,069,067	Aero Holdings, Inc.
F F C Holding Corporation	2,970,300	Bravo Sports Holding Corpo
Golden County Foods Holding, Inc.	2,280,223	Custom Engineered Wheels,
Hospitality Mints Holding Company	2,114,060	Diversey, Inc.
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.
	15,286,164	Manhattan Beachwear Holdin Momentum Holding Co.

R A J Manufacturing Holdin 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
1 C K nordings corporation		Pearlman Enterprises, Inc.
	4,002,425	Sabre Holdings Corporation
DIVERSIETED /CONCLOMED ATE		
DIVERSIFIED/CONGLOMERATE, MANUFACTURING - 10.23%		
	2 060 E24	ELECTRONICS - 1.57%
A H C Holding Company, Inc. Arrow Tru-Line Holdings, Inc.	2,960,524	
	1,611,581	Barcodes Group, Inc.
C D N T, Inc.	1,372,079	Connecticut Electric, Inc. Directed Electronics, Inc.
Great Lakes Dredge & Dock Corporation	1,005,000	
Headwaters, Inc.	532,500	Sanmina-SCI Corporation
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.
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
	24 202 000	D' 6 TTG

24,302,088

Pinafore LLC

----- Ryder System, Inc. Societe Generale NA

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

INDUSTRY CLASSIFICATION:	Mark	r Value/ et Value 	
HEALTHCARE, EDUCATION & CHILDCARE - 4.10% American Hospice Management			MACHINERY - 7.43% A S A P Industries LLC
Holding LLC	\$	4,065,355	Davis-Standard LLC
F H S Holdings LLC			E S P Holdco, Inc.
Synteract Holdings Corporation		2,635,429	M V I Holding, Inc.
Touchstone Health Partnership Wheaton Holding Corporation		3,050,577	Manitowoc Company, Inc. Navis Global
wheaton holding corporation			Navis Global NetShape Technologies, Inc
		9,751,361	Pacific Consolidated Holdi
			Power Services Holding Com
HOME & OFFICE FURNISHINGS, HOUSEWARES			R E I Delaware Holding, In
& DURABLE CONSUMER PRODUCTS - 8.50%			Safety Speed Cut Manufactu
Connor Sport Court International, Inc.		2,614,320	Stanadyne Corporation
H M Holding Company		513,825	Supreme Industries, Inc.
Home Decor Holding Company		2,459,630	
Justrite Manufacturing Acquisition Co.		1,804,003	
K H O F Holdings, Inc.		187,965	
Libbey Glass, Inc.		134,375	MEDICAL DEVICES/BIOTECH -
Monessen Holding Corporation		1,671,395	Coeur, Inc.
Quiksilver, Inc.		298,463	E X C Acquisition Corporat
Spectrum Brands, Inc.		135,625	ETEX Corporation
Stanton Carpet Holding Co.		2,314,840	MedSystems Holdings LLC
Transpac Holding Company		1,701,455	MicroGroup, Inc.
U M A Enterprises, Inc.		2,323,976	OakRiver Technology, Inc.
U-Line Corporation		2,313,157	Omnicare, Inc.
Wellborn Forest Holding Co.		1,722,139	Precision Wire Holding Com TherOX, Inc.
		0,195,168	
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 	
		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% Appleton Papers, Inc.	\$ 227,250	RETAIL STORES - 1.22% 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%		
Atlas Pipeline Partners	757,500	TECHNOLOGY - 2.97%
Coffeyville Resources LLC	147,700	Compucom Systems, Inc.
Chaparral Energy, Inc.	972 , 500	Fidelity National Informat
Energy Transfer Equity LP	105,250	Magnachip Semiconductor
International Offshore Services LLC	2,569,633	NXP Funding LLC
MBWS Ultimate Holdco, Inc.	3,079,260	Sencore Holding Company
Total E & S, Inc.	1,108,008	Smart Source Holdings LLC ViaSystems, Inc.
	8,739,851	
PHARMACEUTICALS - 1.47%		
CorePharma LLC	2,790,935	TELECOMMUNICATIONS - 3.03%
Valeant Pharmaceuticals International	204,500	All Current Holding Compan
Warner Chilcott Co. LLC	488,063	Intelsat Bermuda Ltd.
	3,483,498	ITC^DeltaCom, Inc. Level 3 Financing, Inc.
		Sprint Capital Corporation
PUBLISHING/PRINTING - 1.03%		Sundance Investco LLC
Gannett Company, Inc.	136,875	Telecorps Holdings, Inc.
McClatchy Co.	292,531	West Corporation
Newark Group, Inc.	571,627	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Quebecor Media, Inc.	1,082,813	
Sheridan Acquisition Corporation	371,719	
		TRANSPORTATION - 0.14%
	2,455,565	Hertz Corporation
		NABCO, Inc.
		RailAmerica, Inc.

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

INDUSTRY CLASSIFICATION:	Fair Value/ Market Value
UTILITIES - 0.44% Crosstex Energy, L.P. Energy Future Holdings Inergy, L.P. Markwest Energy Operating Co.	\$ 235,688 401,000 205,000 205,788
WASTE MANAGEMENT/POLLUTION - 0.94%	1,047,476
Terra Renewal LLC Torrent Group Holdings, Inc.	2,228,370
	2,228,370
Total Investments - 108.25%	\$ 257,268,713 ========

See Notes to Consolidated Financial Statements

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MassMutual Corporate Investors

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

1. HISTORY

MassMutual Corporate Investors (the "Trust") commenced operations in 1971 as a Delaware corporation. Pursuant to an Agreement and Plan of Reorganization dated November 14, 1985, approved by shareholders, the Trust was reorganized as a Massachusetts business trust under the laws of the Commonwealth of Massachusetts, effective November 28, 1985.

The Trust is a diversified closed-end management investment company. Babson Capital Management LLC ("Babson Capital"), a wholly-owned indirect subsidiary of Massachusetts Mutual Life Insurance Company ("MassMutual"), acts as its investment adviser. The Trust's investment objective is to maintain a portfolio of securities providing a fixed yield and at the same time offering an opportunity for capital gains. The Trust's principal investments are privately placed, below-investment grade, long-term debt obligations with equity features such as common stock, warrants, conversion rights, or other equity features and, occasionally, preferred stocks. The Trust typically

purchases these investments, which are not publicly tradable, directly from their issuers in private placement transactions. These investments are typically mezzanine debt instruments with accompanying private equity securities made to small or middle market companies. In addition, the Trust may temporarily invest, subject to certain limitations, in marketable investment grade debt securities, other marketable debt securities (including high yield securities) and marketable common stocks. Below-investment grade or high yield securities have predominantly speculative characteristics with respect to the capacity of the issuer to pay interest and repay capital.

On January 27, 1998, the Board of Trustees authorized the formation of a wholly-owned subsidiary of the Trust ("MMCI Subsidiary Trust") for the purpose of holding certain investments. The results of MMCI Subsidiary Trust are consolidated in the accompanying financial statements. Footnote 2.D below discusses the federal tax consequences of the MMCI Subsidiary Trust.

2. SIGNIFICANT ACCOUNTING POLICIES

The following is a summary of significant accounting policies followed consistently by the Trust in the preparation of its consolidated financial statements in conformity with accounting principles generally accepted in the United States of America.

A. VALUATION OF INVESTMENTS:

Valuation of a security in the Trust's portfolio is made on the basis of market price whenever market quotations are readily available and all securities of the same class held by the Trust can be readily sold in such market.

Nearly all securities which are acquired by the Trust directly from the issuers and shares into which such securities may be converted or which may be purchased on the exercise of warrants attached to such securities will be subject to legal or contractual delays in, or restrictions on, resale and will therefore be "restricted securities." Generally speaking, as contrasted with open-market sales of unrestricted securities which may be effected immediately if the market is adequate, restricted securities can be sold only in a public offering for which a registration statement is in effect under the Securities Act of 1933, as amended (the "1933 Act"), or pursuant to a transaction that is exempt from registration under the 1933 Act.

The value of restricted securities, and of any other assets for which there are no reliable market quotations, is the fair value as determined in good faith by the Trust's Board of Trustees (the "Trustees"). Each restricted security is valued by the Trustees at the time of its acquisition and at least quarterly thereafter. The Trustees have established guidelines to aid in the valuation of each security. Generally, restricted securities are initially valued at cost or less at the time of acquisition by the Trust. Values greater or less than cost are used thereafter for restricted securities in appropriate circumstances. Among the factors ordinarily considered are the existence of restrictions upon the sale of a security held by the Trust; an estimate of the existence and the extent of a market for the security; the extent of any discount at which the security was acquired; the estimated period of time during which the security will not be freely marketable; the estimated expenses of registering or otherwise qualifying the security for public sale; estimated underwriting commissions if underwriting would be required to effect a sale; in the case of a convertible security, whether or not it would trade on the basis of its stock equivalent; in the case of a debt obligation which would trade independently of any equity equivalent, the current yields on comparable securities; the estimated amount of the floating supply of such securities available for purchase; the proportion of the issue held by the Trust; changes in the financial condition and prospects of the issuer; the existence of merger proposals or tender offers affecting the issuer; and any other factors affecting fair value, all

in accordance with the Investment Company Act of 1940, as amended (the "1940 Act"). In making valuations, opinions of counsel may be relied upon as to whether or not securities are restricted securities and as to the legal requirements for public sale.

When market quotations are readily available for unrestricted securities of an issuer, restricted securities of the same class are generally valued at a discount from the market price of such unrestricted securities. The Trustees, however, consider all factors in fixing any discount, including the filing of a registration statement for such securities under the 1933 Act and any other developments which are likely to increase the probability that the securities may be publicly sold by the Trust without restriction.

The Trustees meet at least once each quarter to approve the value of the Trust's portfolio securities as of the close of business on the last business day of the preceding quarter. This valuation requires the approval of a majority of the Trustees of the Trust, including a majority of the Trustees who are not interested persons of the Trust or of Babson Capital. In making valuations, the Trustees will consider reports by Babson Capital analyzing

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NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (CONTINUED) (Unaudited)

each portfolio security in accordance with the relevant factors referred to above. Babson Capital has agreed to provide such reports to the Trust at least quarterly.

The consolidated financial statements include private placement restricted securities valued at \$201,158,838 (84.64% of net assets) as of September 30, 2010 whose values have been estimated by the Trustees in the absence of readily ascertainable market values. Due to the inherent uncertainty of valuation, those estimated values may differ significantly from the values that would have been used had a ready market for the securities existed, and the differences could be material.

The values for Rule 144A restricted securities and corporate public securities are stated at the last reported sales price or at prices based upon quotations obtained from brokers and dealers as of September 30, 2010, subject to discount where appropriate, and are approved by the Trustees.

Short-term securities with more than sixty days to maturity are valued at fair value and short-term securities having a maturity of sixty days or less are valued at amortized cost, which approximates market value.

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 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
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	
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:

		TOTAL GAINS	PURCHASES,		
	BEGINNING	OR LOSSES	SALES, ISSUANCES	TRANSFERS IN	
	BALANCE	(REALIZED/	& SETTLEMENTS	AND/OR	BA
ASSETS:	AT 12/31/2009	UNREALIZED)	(NET)	OUT OF LEVEL 3	09
Restricted Securities					
Corporate Bonds	\$152,772,751	\$6,884,600	\$10,336,900	\$	\$16
Common Stock - U.S.	14,693,318	1,647,206	263,806		1
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)		
	\$180,783,201	\$13,665,435	\$7,281,829	\$	\$20

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MassMutual Corporate Investors

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (CONTINUED)

(Unaudited)

B. ACCOUNTING FOR INVESTMENTS:

Investment transactions are accounted for on the trade date. Dividend income is recorded on the ex-dividend date. Interest income is recorded on the accrual basis, including the amortization of premiums and accretion of discounts on bonds held using the yield-to-maturity method. The Trust does not accrue income when payment is delinquent and when management believes payment is questionable.

Realized gains and losses on investment transactions and unrealized

appreciation and depreciation of investments are reported for financial statement and Federal income tax purposes on the identified cost method.

C. USE OF ESTIMATES:

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

D. FEDERAL INCOME TAXES:

The Trust has elected to be taxed as a "regulated investment company" under the Internal Revenue Code, and intends to maintain this qualification and to distribute substantially all of its net taxable income to its shareholders. In any year when net long-term capital gains are realized by the Trust, management, after evaluating the prevailing economic conditions, will recommend that the Trustees either designate the net realized long-term gains as undistributed and pay the Federal capital gains taxes thereon or distribute all or a portion of such net gains.

The Trust is taxed as a regulated investment company and is therefore limited as to the amount of non-qualified income that it may receive as the result of operating a trade or business, e.g. the Trust's pro rata share of income allocable to the Trust by a partnership operating company. The Trust's violation of this limitation could result in the loss of its status as a regulated investment company, thereby subjecting all of its net income and capital gains to corporate taxes prior to distribution to its shareholders. The Trust, from time-to-time, identifies investment opportunities in the securities of entities that could cause such trade or business income to be allocable to the Trust. The MMCI Subsidiary Trust (described in Footnote 1 above) was formed in order to allow investment in such securities without adversely affecting the Trust's status as a regulated investment company.

The MMCI Subsidiary Trust is not taxed as a regulated investment company. Accordingly, prior to the Trust receiving any distributions from the MMCI Subsidiary Trust, all of the MMCI Subsidiary Trust's taxable income and realized gains, including non-qualified income and realized gains, is subject to taxation at prevailing corporate tax rates. For the nine months ended September 30, 2010, the MMCI Subsidiary Trust has accrued income tax expense of \$646,067.

Beginning with the 2009 annual financial statements, the Trust recognizes a tax benefit from an uncertain position only if it is more likely than not that the position is sustainable, based solely on its technical merits and consideration of the relevant taxing authority's widely understood administrative practices and precedents. If this threshold is met, the Trust measures the tax benefit as the largest amount of benefit that is greater than fifty percent likely of being realized upon ultimate settlement. The Trust has evaluated and determined that the tax positions did not have a material effect on the Trust's financial position and results of operations for the nine months ended September 30, 2010.

E. DISTRIBUTIONS TO SHAREHOLDERS:

The Trust records distributions to shareholders from net investment income and net realized gains, if any, on the exdividend date. The Trust's net investment income dividend is declared four times per year, in April, July, October, and December. The Trust's net realized capital gain distribution, if any, is declared in December.

F. EXPENSE REDUCTION:

Citibank, N.A. ("Citibank") serves as custodian to the Trust. Pursuant to the custodian agreement, Citibank receives a fee reduced by credits on cash balances the Trust maintains with Citibank. All credit balances, if any, used to reduce the Trust's custodian fees are reported as fees paid indirectly on the Statement of Operations. For the nine months ended September 30, 2010, there were no credit balances used to reduce custodian fees.

3. INVESTMENT SERVICES CONTRACT

A. SERVICES:

Under an Investment Services Contract (the "Contract") with the Trust, Babson Capital agrees to use its best efforts to present to the Trust a continuing and suitable investment program consistent with the investment objectives and policies of the Trust. Babson Capital represents the Trust in any negotiations with issuers, investment banking firms, securities brokers or dealers and other institutions or investors relating to the Trust's investments. Under the Contract, Babson Capital also provides administration of the day-to-day operations of the Trust and provides the Trust with office space and office equipment, accounting and bookkeeping services, and necessary executive, clerical and secretarial personnel for the performance of the foregoing services.

B. FEE:

For its services under the Contract, Babson Capital is paid a quarterly investment advisory fee of 0.3125% of the net asset value of the Trust as of the last business day of each fiscal quarter, which is approximately equal to 1.25% annually. A majority of the Trustees, including a majority of the Trustees who are not

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NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (CONTINUED) (Unaudited)

interested persons of the Trust or of Babson Capital, approve the valuation of the Trust's net assets as of such day.

4. SENIOR SECURED INDEBTEDNESS

MassMutual holds the Trust's \$30,000,000 Senior Fixed Rate Convertible Note (the "Note") issued by the Trust on November 15, 2007. The Note is due November 15, 2017 and accrues interest at 5.28% per annum. MassMutual, at its option, can convert the principal amount of the Note into common shares. The dollar amount of principal would be converted into an equivalent dollar amount of common shares based upon the average price of the common shares for ten business days prior to the notice of conversion. For the nine months ended September 30, 2010, the Trust incurred total interest expense on the Note of \$1,188,000.

The Trust may redeem the Note, in whole or in part, at the principal amount proposed to be redeemed together with the accrued and unpaid interest thereon through the redemption date plus a Make Whole Premium. The Make Whole Premium equals the excess of (i) the present value of the scheduled payments of principal and interest which the Trust would have paid but for the proposed redemption, discounted at the rate of interest of U.S. Treasury obligations whose maturity approximates that of the Note plus 0.50% over (ii) the principal of the Note proposed to be redeemed.

5. PURCHASES AND SALES OF INVESTMENTS

FOR THE NINE MONTHS ENDED 09/30/2010

		PROCEEDS	
	COST OF	FROM	
	INVESTMENTS	SALES OR	
	ACQUIRED	MATURITIES	
Corporate restricted securities	\$36,879,149	\$31,964,467	
Corporate public securities	18,822,701	20,580,427	

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.

6. QUARTERLY RESULTS OF INVESTMENT OPERATIONS

	MARCH 31,			
Investment income	\$6,096,825			
Net investment income	4,871,657	\$ 0.52		
Net realized and unrealized gain on investments (net of taxes)	850 , 850	0.09		
	·			
	JUNE 30,			
	AMOUNT	PER SHARE		
Investment income	\$6,319,951			
Net investment income Net realized and unrealized	5,070,723	\$ 0.54		
gain on investments (net of taxes)	4,922,366	0.52		
	SEPTEMBER 30, 2010			
	AMOUNT	PER SHARE		
Investment income	\$6,543,817			
Net investment income	5,245,404	\$ 0.56		
Net realized and unrealized gain on investments (net of taxes)	10,695,405	1.14		
	. ,			

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MassMutual Corporate Investors

MassMutual Corporate Investors THIS PAGE IS INTENTIONALLY LEFT BLANK MassMutual Corporate Investors MEMBERS OF THE BOARD OF TRUSTEES Donald Glickman Robert E. Joyal William J. Barrett Michael H. Brown* Donald E. Benson*

Dr. Corine T. Norgaard*

Clifford M. Noreen

Martin T. Hart

Maleyne M. Syracuse

*Member of the Audit Committee

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Michael P. Hermsen Vice President

Mary Wilson Kibbe Vice President

Richard E. Spencer, II Vice President

Daniel J. Florence Treasurer

John T. Davitt, Jr. Comptroller

Melissa M. LaGrant Chief Compliance Officer

DIVIDEND REINVESTMENT AND SHARE PURCHASE PLAN

MassMutual Corporate Investors offers a Dividend Reinvestment and Share Purchase Plan (the "Plan"). The Plan provides a simple way for shareholders to add to their holdings in the Trust through the receipt of dividend shares issued by the Trust or through the investment of cash dividends in Trust shares purchased in the open market. A shareholder may join the Plan by filling out and mailing an authorization card to Shareholder Financial Services, Inc., the Transfer Agent.

Participating shareholders will continue to participate until they notify the Transfer Agent, in writing, of their desire to terminate participation. Unless a shareholder elects to participate in the Plan, he or she will, in effect, have elected to receive dividends and distributions in cash. Participating shareholders may also make additional contributions to the Plan from their own funds. Such contributions may be made by personal check or other means in an amount not less than \$10 nor more than \$5,000 per quarter. Cash contributions must be received by the Transfer Agent at least five days (but no more then 30 days) before the payment date of a dividend or distributions.

Whenever the Trust declares a dividend payable in cash or shares, the Transfer Agent, acting on behalf of each participating shareholder, will take the dividend in shares only if the net asset value is lower than the market price plus an estimated brokerage commission as of the close of business on the valuation day. The valuation day is the last day preceding the day of dividend payment.

When the dividend is to be taken in shares, the number of shares to be received is determined by dividing the cash dividend by the net asset value as of the close of business on the valuation date or, if greater than net asset value, 95% of the closing share price. If the net asset value of the shares is higher than the market value plus an estimated commission, the Transfer Agent, consistent with obtaining the best price and execution, will buy shares on the open market at current prices promptly after the dividend payment date.

The reinvestment of dividends does not, in anyway, relieve participating shareholders of any Federal, state or local tax. For Federal income tax purposes, the amount reportable in respect of a dividend received in newly-issued shares of the Trust will be the fair market value of the shares received, which will be reportable as ordinary income and/or capital gains.

As compensation for its services, the Transfer Agent receives a fee of 5% of any dividend and cash contribution (in no event in excess of \$2.50 per distribution per shareholder.)

Any questions regarding the Plan should be addressed to Shareholder Financial Services, Inc., Transfer Agent for MassMutual Corporate Investors' Dividend Reinvestment and Share Purchase Plan, P.O. Box 173673, Denver, CO 80217-3673.

MASSMUTUAL CORPORATE INVESTORS