MASSMUTUAL PARTICIPATION INVESTORS Form N-30D November 29, 2011

Adviser Babson Capital Management LLC * 1500 Main Street, P.O. Box 15189 Springfield, Massachusetts 01115-5189

Independent Registered Public Accounting Firm KPMG LLP Boston, Massachusetts 02110

Counsel to the Trust Ropes & Gray LLP Boston, Massachusetts 02110

Custodian State Street Bank and Trust Company Boston, MA 02116

Transfer Agent & Registrar Shareholder Financial Services, Inc. * P.O. Box 173673 Denver, Colorado 80217-3673 1-800-647-7374

Internet Website www.babsoncapital.com/mpv

> **MassMutual Participation Investors** c/o Babson Capital Management LLC 1500 Main Street, Suite 2200 Springfield, Massachusetts 01115 (413) 226-1516

* Member of the MassMutual Financial Group

Investment Objective and Policy

MassMutual Participation Investors (the "Trust") is a closed-end management investment company, first offered to the public in 1988, whose shares are traded on the New York Stock Exchange under the trading symbol section of most newspapers as "MassPrt" or "MassMuPrt" under either the New York Stock Exchange listings or Closed-End Fund Listings.

The Trust's investment objective is to maximize total return by providing a high level of current income, the potential for growth of income, and capital appreciation. The Trust's principal investments are privately placed, below-investment grade, long-term debt obligations purchased directly from their issuers, which tend to be smaller companies. At least half of these investments normally include equity features such as common stock, warrants, conversion rights, or other equity features that provide the Trust with the opportunity to realize capital gains. The Trust will also invest in publicly traded debt securities (including high yield securities), again with an emphasis on those with equity features, and in convertible preferred stocks and, subject to certain limitations, readily marketable equity securities. 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. In addition, the Trust may temporarily invest in high quality, readily

Form N-Q

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 "MPV". The Trust's share price can be found in the financiaSEC'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/mpv; 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/mpv; and (2) on the SEC's website at http://www.sec.gov.

marketable securities.

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. All registered shareholders are automatically enrolled in the Dividend Reinvestment and Cash Purchase Plan unless cash distributions are requested.

TO OUR SHAREHOLDERS

MassMutual Participation Investors

October 31, 2011

We are pleased to present the September 30, 2011 Quarterly Report of MassMutual Participation Investors (the "Trust").

The Board of Trustees declared a quarterly dividend of 27 cents per share, payable on November 10, 2011 to shareholders of record on October 31, 2011. The Trust paid a 27 cent per share dividend for the preceding quarter. The Trust earned 28 cents per share of net investment income for the third quarter of 2011, compared to 34 cents per share in the previous quarter. The previous quarter's earnings included approximately 7 cents per share of income due to nonrecurring items.

During the third quarter, the net assets of the Trust decreased to \$126,154,855 or \$12.49 per share compared to \$126,256,640 or \$12.52 per share on June 30, 2011. This translates into a 1.9% 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 13.3%, 9.8%, 8.3%, and 13.5% for the 1-, 3-, 5-, and 10-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 1.2% during the quarter, from \$14.94 per share as of June 30, 2011 to \$15.12 per share as of September 30, 2011. The Trust's market price of \$15.12 per share equates to a 21.1% premium over the September 30, 2011 net asset value per share of \$12.49. The Trust's average quarter-end premium for the 3, 5 and 10-year periods was 6.2%, 7.7% and 8.8%, respectively. U.S. equity markets, as approximated by the Russell 2000 Index, decreased 21.8% for the quarter. U.S. fixed income markets, as approximated by the Barclays Capital U.S. Corporate High Yield Index, decreased 6.1% for the quarter.

The Trust closed four new private placement investments during the third quarter. The four new investments were in LPC Holding Company, Marshall Physician Services LLC, Merex Holding Corporation and Strata/WLA Holding Corporation. A brief description of these investments can be found in the Consolidated Schedule of Investments. The total amount invested by the Trust in these four transactions was \$3,000,000.

Last quarter, I characterized middle market buyout activity as lackluster. Activity in the third quarter and thus far in the fourth quarter presents quite a contrast as our deal flow has been robust. Deal flow often fluctuates from quarter to quarter and it is usually hard to pinpoint the exact reasons why. That is certainly the case today. It does appear, though, that the deal supply/capital availability imbalance that I mentioned in prior quarters has come into better balance. After closing only two new platform investments in the first half of the year, it was a welcome change to close four new attractive platform investments this quarter. Subsequent to quarter-end, we have already closed two additional platform investments, and we have several more transactions in process. It looks like it will be a busy fourth quarter. Be assured, however, that despite the pickup in deal flow, we will continue to maintain the same investment discipline and philosophy that has served us well for many years.

(Continued)

Most of our portfolio companies once again reported improved operating results in the third quarter of 2011. Several more of our companies were also able to resume paying cash interest on their debt obligations due to their improved financial results and liquidity positions. We are pleased with the continued improving quality of the portfolio. Realization activity in the third quarter was limited, with just one portfolio company, Momentum Holding Company, sold. However, one additional company, Nesco Holding Corporation, was sold for a nice gain in the middle of October. We also continue to have a healthy backlog of companies that are in various stages of a sale process, so we expect realization activity to be strong for the next few quarters at least.

Thank you for your continued interest	t in and support of MassMutual	Participation Investors.
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Sincerely,

Michael L. Klofas

President

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.

^{*} Based on market value of total investments (including cash)

MassMutual Participation Investors

CONSOLIDATED STATEMENT OF ASSETS AND LIABILITIES

September 30, 2011 (Unaudited)	
Assets:	
Investments	
(See Consolidated Schedule of Investments)	
Corporate restricted securities at fair value	
(Cost - \$118,584,600)	\$109,976,283
Corporate restricted securities at market value	
(Cost - \$2,640,284)	2,465,561
Corporate public securities at market value	
(Cost - \$13,602,690)	13,872,051
Short-term securities at amortized cost	9,199,612
Total investments (Cost - \$144,027,186)	135,513,507
Cash	2,758,051
Interest receivable	1,232,338
Receivable for investments sold	822
Other assets	329,223
Total assets	139,833,941
Liabilities:	
Note payable	12,000,000
Payable for investments purchased	375,000
Deferred tax liability	627,885
Investment advisory fee payable	283,848
Interest payable	262,933
Accrued expenses	129,420
Total liabilities	13,679,086
Total net assets	\$126,154,855
Net Assets:	
Common shares, par value \$.01 per share	\$100,970
Additional paid-in capital	94,480,979
Retained net realized gain on investments, prior years	33,183,269
Undistributed net investment income	5,604,736
Accumulated net realized gain on investments	1,926,465
Net unrealized depreciation of investments	(9,141,564)
Total net assets	\$126,154,855
Common shares issued and outstanding (14,785,750 authorized)	10,096,975
Net asset value per share	\$12.49
See Notes to Consolidated Financial Statements	
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CONSOLIDATED STATEMENT OF OPERATIONS

For the nine months ended September 30, 2011 (Unaudited)

investment income.	
Interest	\$10,954,443
Dividends	224,867
Other	52,934
Total investment income	11,232,244
Expenses:	
Investment advisory fees	846,876
Interest	522,000
Trustees' fees and expenses	170,225
Professional fees	146,900
Reports to shareholders	62,993
Custodian fees	22,000
Other	25,254
Total expenses	1,796,248
Investment income - net	9,435,996
Net realized and unrealized gain on investments:	
Net realized gain on investments before taxes	843,303
Income tax expense	(52,393)
Net realized gain on investments after taxes	790,910
Net change in unrealized depreciation of investments before taxes	1,542,155
Net change in deferred income tax expense	(363,420)
Net change in unrealized depreciation of investments after taxes	1,178,735
Net gain on investments	1,969,645
Net increase in net assets resulting from operations	\$11,405,641

See Notes to Consolidated Financial Statements

CONSOLIDATED STATEMENT OF CASH FLOWS MassMutual Participation Investors

For the nine months ended September 30, 2011 (Unaudited)

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Cash flows from operating activities:	
Purchases/Proceeds/Maturities from short-term portfolio securities, net	\$867,753
Purchases of portfolio securities	(18,869,007)
Proceeds from disposition of portfolio securities	18,674,946
Interest, dividends and other income received	8,242,228
Interest expense paid	(348,000)
Operating expenses paid	(1,322,036)
Income taxes paid	(515,718)
Net cash provided by operating activities	6,730,166
Cash flows from financing activities:	
Cash dividends paid from net investment income	(7,952,096)
Receipts for shares issued on reinvestment of dividends	648,507
Net cash used for financing activities	(7,303,589)
Net decrease in cash	(573,423)
Cash - beginning of year	3,331,474
Cash - end of period	\$2,758,051
Reconciliation of net increase in net assets to net	
cash provided by operating activities:	
Net increase in net assets resulting from operations	\$11,405,641
Increase in investments	(4,844,229)
Decrease in interest receivable	97,492
Increase in receivable for investments sold	(822)
Increase in other assets	(329,223)
Increase in payable for investments purchased	375,000
Increase in deferred tax liability	363,420
Increase in investment advisory fee payable	15,256
Increase in interest payable	174,000
Decrease in accrued expenses	(45,916)
Decrease in accrued taxes payable	(463,325)
Decrease in other payables	(17,128)
Total adjustments to net assets from operations	(4,675,475)
Net cash provided by operating activities	\$6,730,166

See Notes to Consolidated Financial Statements

CONSOLIDATED STATEMENTS OF CHANGES IN NET ASSETS

		the nine	Foi	the:
	09/30/11		yea	r ended
	(Unaudited)			31/10
Increase in net assets:				
Operations:				
Investment income - net	\$	9,435,996	\$	10,266,428
Net realized gain on investments after taxes		790,910		1,179,654
Net change in unrealized depreciation of investments after taxes		1,178,735		8,365,960
Net increase in net assets resulting from operations		11,405,641		19,812,042
Increase from common shares issued on reinvestment of dividends				
Common shares issued (2011 - 46,704; 2010 - 67,032)		648,507		828,922
Dividends to shareholders from:				
Net investment income (2011 - \$0.54 per share; 2010 - \$1.00 per share)		(5,439,528)	(10,026,104)
Total increase in net assets		6,614,620		10,614,860
Net assets, beginning of year		119,540,235		108,925,375
Net assets, end of period/year (including undistributed net investment				
income of \$5,604,737 and \$1,608,268, respectively)	\$	126,154,855	\$	119,540,235

See Notes to Consolidated Financial Statements

CONSOLIDATED SELECTED FINANCIAL HIGHLIGHTS Selected data for each share of beneficial interest outstanding:

MassMutual Participation Investors

	For the nine months ended 09/30/201 (Unaudited		For the year	ears	ended Dec 2009	cembe	er 31, 2008		2007		2006	
Net asset value:	(Chaaane	α,	2010		2007		2000		2007		2000	
Beginning of year	\$11.89		\$10.91		\$11.10		\$12.84		\$12.90		\$12.21	
Net investment income (a)	0.94		1.02		0.94		1.08		1.23		1.10	
Net realized and	0.71		1.02		0.71		1.00		1.23		1.10	
unrealized												
gain (loss) on investments	0.20		0.95		(0.13)	(1.82)	(0.05)	0.77	
Total from investment					(,	() -	,	(,		
operations	1.14		1.97		0.81		(0.74)	1.18		1.87	
Dividends from net							`	,				
investment												
income to common												
shareholders	(0.54)	(1.00))	(1.00))	(1.00))	(1.23)	(1.18)
Dividends from net												
realized gain												
on investments to												
common shareholders	-		-		-		-		(0.02))	(0.01)
Increase from dividends												
reinvested	0.00	(b)	0.01		0.00	(b)	0.00	(b)	0.01		0.01	
Total dividends	(0.54)	(0.99))	(1.00))	(1.00))	(1.24)	(1.18)
Net asset value: End of												
period/year	\$12.49		\$11.89		\$10.91		\$11.10		\$12.84		\$12.90	
Per share market value:	*		* . *		* . * * * *		*		* . *		* = 0	
End of period/year	\$15.12		\$13.88		\$12.20		\$9.05		\$13.18		\$14.70	
Total investment return	0.71	01	10.71	OH.	7.60	C4	(6.01	O()	0.05	04	10.64	64
Net asset value (c)	9.71	%	18.71	%	7.60	%	(6.01	%)	9.95	%	18.64	%
Market value (c)	13.18	%	22.94	%	40.86	%	(25.36	%)	(1.30	%)	16.81	%
Net assets (in millions):	¢ 107 15		Φ110 <i>5</i> 4		Ф 100 02		ф110 10		Φ10C C2		¢ 106 50	
End of period/year	\$126.15		\$119.54		\$108.93		\$110.18		\$126.63		\$126.52	
Ratio of operating												
expenses	1.38	0/-(2)	1 46	%	1.41	%	1.33	%	1.36	%	1.17	%
to average net assets	1.38	%(e)	1.46	%	1.41	%	1.33	%	1.30	%	1.1/	%
Ratio of interest expense to average net assets	0.56	0/2(2)	0.61	%	0.63	%	0.58	%	0.56	%	0.57	%
Ratio of income tax	0.50	%(e)	0.01	70	0.03	70	0.56	70	0.50	70	0.57	70
expense												
to average net assets (d)	0.06	%(e)	0.46	%	0.00	%	0.00	%	0.48	%	2.68	%
Ratio of total expenses	0.00	/U(U)	0.70	70	0.00	,0	0.00	,0	0. 10	70	2.00	70
before custodian fee												
STOIC CASCOCIAN 100	2.00	%(e)	2.53	%	2.04	%	1.91	%	2.40	%	4.46	%
		, 5 (5)		,0		,,,	/-	,,,		,0	0	,0

reduction to average net												
assets (d)												
Ratio of net expenses after												
custodian fee												
reduction to average net												
assets (d)	2.00	%(e)	2.53	%	2.04	%	1.91	%	2.40	%	4.42	%
Ratio of net investment												
income												
to average net assets	10.20	%(e)	8.96	%	8.55	%	8.74	%	9.32	%	8.43	%
Portfolio turnover	15	%	27	%	23	%	32	%	33	%	34	%

(a) Calculated using average shares.

(b) Rounds to less than \$0.01 per share.

- (c) Net asset value return represents portfolio returns based on change in the Trust's net asset value assuming the reinvestment of all dividends and distributions which differs from the total investment return based on the Trust's market value due to the difference between the Trust's net asset value and the market value of its shares outstanding; past performance is no guarantee of future results.
- (d) As additional information, this ratio is included to reflect the taxes paid on retained long-term gains. These taxes paid are netted against realized capital gains in the Statement of Operations. The taxes paid are treated as deemed distributions and a credit for the taxes paid is passed on to shareholders.

(e) Annualized

Senior borrowings:

Total principal amount (in						
millions)	\$12	\$12	\$12	\$12	\$12	\$12
Asset coverage per \$1,000						
of indebtedness	\$11,513	\$10,962	\$10,077	\$10,181	\$11,552	\$11,543

See Notes to Consolidated Financial Statements

CONSOLIDATED SCHEDULE OF INVESTMENTS
September 30, 2011
(Unaudited)

Limited Liability Company Unit Class A (B)

		cipal Amount,			
	Shar				
Corporate Restricted Securities -		s or Ownership	Acquisition	G	T . T . 1
89.13%: (A)	Perce	entage	Date	Cost	Fair Value
Private Placement Investments - 87.18%					
A E Company, Inc.					
A designer and manufacturer of machindustries.	ined parts	and assembly struc	ctures for the comm	nercial and milita	ry aerospace
11% Senior Secured Note due					
2015	\$	715,384	*	\$ 704,586	\$ 737,696
13% Senior Subordinated Note					
due 2016	\$	807,693	11/10/09	737,874	830,512
Common Stock (B)	184,0	515 shs.	11/10/09	184,615	102,129
Warrant, exercisable until 2019,					
to purchase					
common stock at \$.01 per share	00.0	20.1	4440400	60 T 66	#4.06#
(B)	92,30	08 shs.	11/10/09	68,566	51,065
* 11/10/09 and 11/18/09.				1,695,641	1,721,402
A H C Holding Company, Inc.					
A designer and manufacturer of boiler	s and wat	er heaters for the			
commercial sector.					
15% Senior Subordinated Note					
due 2015	\$	1,383,751	11/21/07	1,365,715	1,383,751
Limited Partnership Interest (B)	12.20	5% int.	11/21/07	119,009	175,683
				1,484,724	1,559,434
A S A P Industries LLC					
A designer and manufacturer of comp	onents us	ed on oil and			
natural gas wells.					
12.5% Senior Subordinated Note					
due 2015	\$	450,500	12/31/08	407,442	455,005
Limited Liability Company Unit					
Class A-2 (B)	676 ı	ıts.	12/31/08	74,333	280,749
Limited Liability Company Unit					
Class A-3 (B)	608 ı	its.	12/31/08	66,899	252,677
				548,674	988,431
A S C Group, Inc.					
A designer and manufacturer of high r	eliability	encryption equipm	ent, communicatio	ns products, com	outing systems
and electronic components primarily f		litary and aerospace	e sectors.		
12.75% Senior Subordinated Note due		\$ 1,	227,273 10/09/		
Limited Liebility Company Unit Class	. A (D)	2 106	to.	* 214.702	200 207

2,186 uts.

288,287

214,793

Limited Liability Company Unit Class B (B) * 10/09/09 and 10/27/10.	1,47	73 uts.	10/09/09	144,716 1,443,198	194,257 1,734,362
A W X Holdings Corporation					
A provider of aerial equipment rental, sales and repair ser	vices	to non-reside	ntial construct	ion and mainte	enance
contractors operating in the State of Indiana.					
10.5% Senior Secured Term Note due 2014 (D)	\$	420,000	05/15/08	413,944	378,000
13% Senior Subordinated Note due 2015 (D)	\$	420,000	05/15/08	384,627	-
Common Stock (B)	60,0	000 shs.	05/15/08	60,000	-
Warrant, exercisable until 2015, to purchase					
common stock at \$.01 per share (B)	21,0	099 shs.	05/15/08	35,654	-
•				894,225	378,000

 $\begin{tabular}{l} \textbf{CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)} \\ \textbf{September 30, 2011} \\ \end{tabular}$

MassMutual Participation Investors

(Unaudited)

Corporate Restricted Securities: (A) (Continued)	(ipal Amount, Shares, Units or Ownership Percentage	Acquisition Date	Cost	Fair Value
Advanced Technologies Holdings A provider of factory maintenance services to industrial companies. 15% Senior Subordinated					
Note due 2013	\$	1,208,491	12/27/07	\$ 1,197,693	\$ 1,208,490
Preferred Stock (B)	546 s		12/27/07	270,000	518,337
Preferred Stock Series B (B)	28 sh		01/04/11	21,600 1,489,293	26,400 1,753,227
Aero Holdings, Inc.					
A provider of geospatial serv	ices to corpor	rate and			
government clients.					
10.5% Senior Secured Term					
Note due 2014	\$	697,500	03/09/07	692,947	714,719
14% Senior Subordinated					
Note due 2015	\$	720,000	03/09/07	674,128	720,000
Common Stock (B)	150,000 shs	•	03/09/07	150,000	248,786
Warrant, exercisable until					
2015, to purchase					
common stock at \$.01 per	27.70	0 1	02/00/07	62.720	(2.661
share (B)	37,78	0 shs.	03/09/07	63,730	62,661
All C				1,580,805	1,746,166
All Current Holding					
Company A specialty re-seller of assent	tial alastriasl	nerte and compa	nanta neimaeily aaeyin	a wholosolo distril	hutoro
A specialty re-seller of essent 12% Senior Subordinated	nai electricai	parts and compo	ments primarity serving	g wholesale distri	outors.
Note due 2015	\$	603,697	09/26/08	565,665	603,697
Common Stock (B)	э 713 s		09/26/08	71,303	54,564
Warrant, exercisable until	/13 8	115.	09/20/08	71,303	34,304
2018, to purchase					
common stock at \$.01 per					
share (B)	507 s	hs.	09/26/08	46,584	38,799
American Hospice				683,552	697,060
Management Holding LLC					
A for-profit hospice care					
provider in the United States.					
provider in the Office States.	\$	1,687,503	*	1,649,773	1,687,503
	Ψ	1,007,505		1,077,773	1,007,505

12% Senior Subordinated

Note	due	<u> </u>	113
TIOLC	uu	<i>-</i> 40	113

Preferred Class A Unit (B)	1,706 uts.	**	170,600	310,094
Preferred Class B Unit (B)	808 uts.	06/09/08	80,789	137,390
Common Class B Unit (B)	16,100 uts.	01/22/04	1	98,288
Common Class D Unit (B)	3,690 uts.	09/12/06	-	22,527
* 01/22/04 and 06/09/08. **				
01/22/04 and 09/12/06.			1,901,163	2,255,802

Apex Analytix Holding Corporation

A provider of audit recovery and fraud detection services and software to commercial and retail businesses in the U.S. and Europe.

12.5% Senior Subordinated Note due 2014	\$ 1,012,500	04/28/09	896,746	1,012,500
Preferred Stock Series B (B)	1,623 shs.	04/28/09	162,269	214,455
Common Stock (B)	723 shs.	04/28/09	723	95,579
			1,059,738	1,322,534

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2011

(Unaudited)

	Principal Amount, Shares, Units or			
Corporate Restricted Securities: (A) (Continued)	Ownership Percentage	Acquisition Date	Cost	Fair Value
Arrow Tru-Line Holdings, Inc. A manufacturer of hardware for residual 12% Senior Subordinated Note	dential and commercial o	verhead garage doo	rs in North America.	
due 2012 (D)	\$ 1,054,025	05/18/05	\$ 964,526	\$ 632,415
Preferred Stock (B)	33 shs.	10/16/09	33,224	-
Common Stock (B)	263 shs.	05/18/05	263,298	_
Warrant, exercisable until 2012,		33, 33, 33	,	
to purchase				
common stock at \$.01 per share				
(B)	69 shs.	05/18/05	59,362	-
			1,320,410	632,415
Associated Diversified Services				
A provider of routine maintenance and electric power distribution lines. 10% Senior Secured Term Note	nd repair services primar	ily to electric utility	companies predomin	antly on
due 2016 (C) 13% Senior Subordinated Note	\$ 292,000	09/30/10	285,627	297,005
due 2017 Limited Liability Company Unit	\$ 332,000	09/30/10	299,288	335,320
Class B (B) Limited Liability Company Unit	36,000 uts.	09/30/10	36,000	30,985
Class B OID (B)	27,520 uts.	09/30/10	27,520	23,686
	,,=,	0.7.2.07.2.0	648,435	686,996
			,	,
Barcodes Group, Inc. A distributor and reseller of automat	ic identification and data	capture equipment,	including mobile con	nputers,
scanners, point-of-sale systems, labe 13.5% Senior Subordinated Note	ls, and accessories.			
due 2016	\$ 645,151	07/27/10	617,397	658,054
Preferred Stock (B)	13 shs.	07/27/10	131,496	131,500
Common Stock Class A (B) Warrant, exercisable until 2020, to purchase	44 shs.	07/27/10	437	49,903
common stock at \$.01 per share	0.1	07/07/10	76	0.660
(B)	8 shs.	07/27/10	76	8,660
Bravo Sports Holding Corporation			749,406	848,117

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

12.5% Senior Subordinated Note				
due 2014	\$ 1,207,902	06/30/06	1,173,691	1,169,786
Preferred Stock Class A (B)	465 shs.	06/30/06	141,946	32,045
Common Stock (B)	1 sh.	06/30/06	152	-
Warrant, exercisable until 2014, to				
purchase				
common stock at \$.01 per share				
(B)	164 shs.	06/30/06	48,760	11,262
			1,364,549	1,213,093

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED) MassMutual Participation Investors September 30, 2011 (Unaudited)

Corporate Restricted Securities: (A) (C	Continued)		Principal Amount, Shares, Units or Ownership Percentage	Acquisiti Date	on	Cost]	Fair Value
C D N T, Inc.								
A value-added converter and distribute foams, films, and foils.	or of specia	alty pressure	sensitive adhe	esives,				
10.5% Senior Secured Term Note due 2014	\$	294,986		08/07/08	\$	291,727	\$	294,986
12.5% Senior Subordinated	Ψ.	274,700		00/07/00	Ψ	271,727	Ψ	271,700
Note due 2015		429,070		08/07/08		401,290		429,070
Common Stock (B)	41,860 s	hs.		08/07/08		41,860		36,560
Warrant, exercisable until 2018, to purchase								
common stock at \$.01 per share								
(B)	32,914 s	hs.		08/07/08		32,965		28,747
Capital Specialty Plastics, Inc. A producer of desiccant strips used for pharmaceutical products.	packaging	3				767,842		789,363
Common Stock (B) *12/30/97 and 05/29/99.	55 shs.			*		252		585,849
Clough, Harbour and Associates An engineering service firm that is located in Albany, NY. 12.25% Senior Subordinated								
Note due 2015		1,270,588		12/02/08		1,205,244		1,283,294
Preferred Stock (B)	147 shs.			12/02/08		146,594		169,444
CHG Alternative Education Holding C A leading provider of publicly-funded, therapeutic day schools and "at risk" y 13.5% Senior Subordinated Note due	for profit				spe	1,351,838	nild	1,452,738 ren at
2018	\$	720,067		01/1			5	739,452
Common Stock (B) Warrant, exercisable until 2021, to purchase	37	5 shs.		01/1	9/11	37,500		35,625
common stock at \$.01 per share (B)	29	5 shs.		01/1	9/11	29,250		3
Coeur, Inc.						746,505	5	775,080

A producer of proprietary, disposable					
power injection syringes.					
12% Senior Subordinated Note due	ф	(42.057	10/10/00	507.204	C 40, 205
2016	\$	642,857	10/10/08	597,204	649,285
Common Stock (B)	321	shs.	10/10/08	32,143	11,806
Warrant, exercisable until 2018, to					
purchase					
common stock at \$.01 per share (B)	495	shs.	10/10/08	48,214	18,163
				677,561	679,254
Connecticut Electric, Inc.					
A supplier and distributor of electrical produ	cts sol	ld into the retail and wholesale	e markets.		
10% Senior Subordinated Note due					
2014 (D)	\$	771,051	01/12/07	719,299	578,288
Limited Liability Company Unit Class					
A (B)	82,6	13 uts.	01/12/07	82,613	-
Limited Liability Company Unit Class					
C (B)	59,7	56 uts.	01/12/07	59,756	-
Limited Liability Company Unit Class					
D (B)	671,	525 uts.	05/03/10	-	-
Limited Liability Company Unit Class					
E (B)	1,10	2 uts.	05/03/10	-	-
				861,668	578,288

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2011

(Unaudited)

		Principal Amount, Shares,					
		Units or					
Corporate Restricted Securities: (A) (Cor	ntinued)	Ownership Percentage	Acquis Date	ition	Cost		Fair Value
Connor Sport Court International,							
Inc. A designer and manufacturer of outdoor	and indoor synthetic	sports floori	no and				
other temporary flooring products.	and maddi symmetre	sports froom	ing und				
Preferred Stock Series B-2 (B)	9,081 shs.		07/05/07		370,796	\$	907,093
Preferred Stock Series C (B)	4,757 shs.		07/05/07		158,912		475,195
Common Stock (B) Limited Partnership Interest (B)	380 shs. 6.88% int.		07/05/07		4 103,135		_
*08/12/04 and 01/14/05.	0.00 % III.				632,847		1,382,288
CorePharma LLC							
A manufacturer of oral dose generic							
pharmaceuticals targeted at niche applications.							
14.5% Senior Subordinated Note due							
2016	\$ 1,382,089		08/04/05		1,382,090		1,382,089
Warrant, exercisable until 2013, to purchase							
common stock at \$.001 per share (B)	10 shs.		08/04/05		72,617 1,454,707		294,758 1,676,847
Crane Rental Corporation							
A crane rental company.							
13% Senior Subordinated Note due 2015	\$ 1,215,000		08/21/08		1,128,225		1,191,268
Common Stock (B)	135,000 shs.		08/21/08		135,000		-
Warrant, exercisable until 2016, to	,				,		
purchase			00.124.100		100 110		
common stock at \$.01 per share (B)	72,037 shs.		08/21/08		103,143 1,366,368		- 1,191,268
					1,000,000		1,171,200
Custom Engineered Wheels, Inc.							
A manufacturer of custom engineered, no lawn and garden products and wheelchair		wheels and p	olastic trea	d cap	tires used pi	ima	rily for
12.5% Senior Subordinated Note	18.						
due 2016 \$	1,155,288	10/27/09		1,02	9,503		1,154,001
Preferred Stock PIK (B)	156 shs.	10/27/09		156,			106,454
Preferred Stock Series A (B)	114 shs.	10/27/09		104,			77,777
Common Stock (B)	38 shs.	10/27/09		38,2	44		-

Warrant, exercisable until 2016, to purchase common stock at \$.01 per share

(B)	28 shs.	10/27/09	25,735	-
			1,354,324	1,338,232

Davis-Standard LLC

A manufacturer, assembler, and installer of a broad range of capital equipment that is used in the extrusion, conversion, and processing of plastic materials.

12% Senior Subordinated Note due 2014	\$ 489,131	10/30/06	472,794	489,131
Limited Partnership Interest (B)	0.97% int.	10/30/06	371,739	882,274
Warrant, exercisable until 2014, to purchase				
preferred stock at \$.01 per share (B)	26 shs.	10/30/06	26,380	42,027
Warrant, exercisable until 2014, to purchase				
common stock at \$.01 per share (B)	18 shs.	10/30/06	18,000	77,272
			888,913	1,490,704

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED) MassMutual Participation Investors September 30, 2011 (Unaudited)

(Chaudicu)								
Community Destricts of Security (A) (Conti	1)	Aı l O	incipal mount, Shares, Units or wnership	Acquisition		1 4	ī	7. '. W.L.
Corporate Restricted Securities: (A) (Contin	nued)	Pe	ercentage	Date	C	Cost	ı	Fair Value
Duncan Systems, Inc. A distributor of windshields and side glass market.	for the recrea	tional ve	ehicle					
10% Senior Secured Term Note due 2013		\$ 2	231,429	11/01/06	\$ 2	230,130	\$	234,818
13% Senior Subordinated Note due 2014			488,572	11/01/06		459,681	Ψ	488,572
Common Stock (B)	102.8	857 shs.	100,372	11/01/06		102,857		47,900
Warrant, exercisable until 2014, to purchase		337 3113.		11/01/00		102,037		17,500
common stock at \$.01 per share (B)		32,294	shs.	11/01/06		44,663 837,331		15,039 786,329
E S P Holdco, Inc. A manufacturer of power protection technology equipment dealer network. 14% Senior Subordinated Note due	logy for comi	mercial	office equi	pment, prima	rily s	supplying	the	office
2015	\$ 1,266	,179		01/08/0	8	1,250,000	3	1,266,179
Common Stock (B)	349 shs.			01/08/0	8	174,701 1,424,704	4	119,095 1,385,274
E X C Acquisition Corporation A manufacturer of pre-filled syringes and p delivery. Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)	ump systems 11 shs.	used for	r intraveno	us drug 06/28/0	4	40,875		55,861
Eatem Holding Company A developer and manufacturer of savory fla food manufacturers for retail and foodservice			s, sauces, g	gravies, and o	other	products p	orod	luced by
12.5% Senior Subordinated Note due 2018	1		950,000	02/01/10		839,261		925,729
Common Stock (B)		50 sh		02/01/10		50,000		42,633
Warrant, exercisable until 2018, to purchase	e					•		ŕ
common stock at \$.01 per share (B)		119 s	hs.	02/01/10		107,100 996,361		101,655 1,070,017
F C X Holdings Corporation A distributor of specialty/technical valves, a				ess instrumen	tatio	n supplyin	g a	number of
industrial, high purity, and energy end mark	xets in North 2		n. 222,995	10/06/0	8	1,207,792	2	1,247,455

15% Senior Subordinated Note due					
2015					
Preferred Stock Series A (B)	232 sh	S.	12/30/10	23,200	22,040
Preferred Stock Series B (B)	2,298	shs.	10/06/08	229,804	275,898
Common Stock (B)	1,625	shs.	10/06/08	1,625	-
				1,462,421	1,545,393
F F C Holding Corporation A leading U.S. manufacturer of private label 1	Frazan naval	ty and ice aream			
products.	iiozeii iiovei	ty and ice cream			
16% Senior Subordinated Note due					
2017	\$	859,007	09/27/10	843,759	876,187
Limited Liability Company Units					
Preferred (B)	171 ut	s.	09/27/10	153,659	163,277
Limited Liability Company Units (B)	171 ut	s.	09/27/10	17,073 1,014,491	8,412 1,047,876

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2011

Golden County Foods Holding, Inc.

(Unaudited)

Corporate Restricted Securities: (A) (Co	ntinued)		Principal Amount, Shares, Units or Ownership Percentage	Acquisition Date	Cost	Fair Value
F G I Equity LLC						
A manufacturer of a broad range of filter healthcare, gas turbine, nuclear, laborato		_			-	
14.25% Senior Subordinated Note due 2016	\$ 440,34	10	12/15/1	0 \$	428,951	\$453,550
Limited Liability Company Unit	,				·	•
Class B-1 (B) Limited Liability Company Unit	65,789 uts.		12/15/1	0	65,789	62,500
Class B-2 (B)	8,248 uts.		12/15/1	0	8,248 502,988	82 516,132
F H Equity LLC A designer and manufacturer of a full lir passenger vehicles. 14% Senior Subordinated Note due	ne of automa	tic transn	nission filters a	nd filtration s	ystems for	
2017	\$ 507,93	80	12/20/1	0	488,484	528,776
Limited Liability Company Unit Class C (B)	1,575 uts.		12/20/1	0	16,009 504,493	16 528,792
Flutes, Inc. An independent manufacturer of micro findustries.	luted corrug	ated shee	t material for t	he food and co	onsumer produ	ucts packaging
10% Senior Secured Term Note due 201	3 (D)		\$524,791	04/13/06	519,050	498,551
14% Senior Subordinated Note due 2014	4 (D)		\$317,177	04/13/06	290,908 809,958	- 498,551
G C Holdings A leading manufacturer of gaming ticket medical charts and supplies. 12.5% Senior Subordinated Note due	ts, industrial	recording	g charts, securi	ty-enabled po	int-of sale rec	eipts, and
2017 Warrant, exercisable until 2018, to	\$		1,000,000	10/19/10	938,844	1,030,000
purchase common stock at \$.01 per share (B)	1	98 shs.		10/19/10	46,958 985,802	2 1,030,002

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A manufacturer of frozen appetizers ar	ıd				
snacks.					
16% Senior Subordinated PIK Note du	e				
2015 (D)	\$	1,012,500	11/01/07	938,215	-
16% PIK Note due 2015 (D)	\$	250,259	12/31/08	217,699	-
8% Series A Convertible Preferred					
Stock, convertible into					
common shares (B)	151,643 shs.		11/01/07	77,643	-
				1,233,557	-
H M Holding Company					
A designer, manufacturer, and importe	r of promotional and	d wood furniture.			
7.5% Senior Subordinated Note due					
2013 (D)	\$	362,700	10/15/09	271,181	181,350
Preferred Stock (B)	21 shs.		*	21,428	-
Preferred Stock Series B (B)	1,088 s	hs.	10/15/09	813,544	-
Common Stock (B)	180 shs	S.	02/10/06	180,000	-
Common Stock Class C (B)	296 shs	S.	10/15/09	-	-
Warrant, exercisable until 2013, to					
purchase					
r					
common stock at \$.02 per share (B)	67 shs.		02/10/06	61,875	-

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED) MassMutual Participation Investors September 30, 2011 (Unaudited)

(Chaddited)						
Corporate Restricted Securities: (A) (Continued)		Principal Amount, Shares, Units or Ownership Percentage	Acquisition Date	Cost	Fair Value
W D/ WIE G		C.			11 17	
Home Décor Holding CompanyA des 12.5% Senior Subordinated Note due Common Stock (B)	2013	facturer and	\$1,081,731 33 shs.	ramed art and war	\$1,044,024 33,216	\$1,081,731 56,977
Warrant, exercisable until 2012, to pu	rcnase		106 -1	Ψ	105 (10	101 152
common stock at \$.02 per share (B) * 06/30/04 and 08/19/04.			106 shs.	*	105,618 1,182,858	181,153 1,319,861
Hospitality Mints Holding Company A manufacturer of individually-wrapp promotional mints. 12% Senior Subordinated Note	ped imprinted	d				
due 2016	\$ 1,4	15,237	08/1	9/08	1,346,617	1,394,214
Common Stock (B)	251 shs.	,	08/1		251,163	17,400
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share					,	ŕ
(B)	65 shs.		08/1	9/08	60,233 1,658,013	4,498 1,416,112
Insurance Claims Management, Inc. A third party administrator providing	auto and pro	perty claim	ı administration	n services for i		-,,
companies.	47 alaa		02/2	7.07	1 424	206 720
Common Stock (B)	47 shs.		02/2	1/07	1,424	206,730
International Offshore Services LLC A leading provider of marine transpor producers in the shallow waters of the 14.25% Senior Subordinated Secured Note due 2017			n decomissioni 1,350,000	ng, and salvag 07/07/09	te services to c	oil and gas 1,012,500
Limited Liability Company Unit (B)		1,647 uts.		07/07/09	98,833	-
, 1 , v		,			1,338,091	1,012,500
J A C Holding Enterprises, Inc.						
A supplier of luggage racks and access manufacturers.	sories to the	original eq	uipment			
12.5% Senior Subordinated Note due		ф	000 000	10/00/40	710.072	5 04 555
2017 Profound Stock A (P)		\$ 165 aha	833,333	12/20/10	718,972	784,277
Preferred Stock A (B)		165 shs.		12/20/10	165,000	82,500

Preferred Stock B (B)	0.06 shs.	12/20/10	-	-
Common Stock (B)	33 shs.	12/20/10	1,667	833
Warrant, exercisable until 2020, to				
purchase				
common stock at \$.01 per share (B)	12 shs.	12/20/10	105,643	-
			991,282	867,610
Jason Partners Holdings LLC				
A diversified manufacturing company serving var	ious industrial markets.			
Limited Liability Company Unit (B)	48 uts.	09/21/10	449,086	25,511

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2011

(Unaudited)

Comparate Postricted Sequeities	(A) (Continue	·4)	Principal Amount, Shares, Units or Ownership Percentage	Acquisi	tion	Cost	,	Fair Value
Corporate Restricted Securities: (A) (Continue	cu)	reiceiliage	Date		Cost	j	ran value
K H O F Holdings, Inc. A manufacturer of premium disponential consumer channels.		•					¢	146,600
Common Stock (B)	116,827	sns.	10/15/	07	\$	71,515	\$	146,698
K N B Holdings Corporation A designer, manufacturer and market. 15% Senior Subordinated PIK Note due 2017 Common Stock (B) Warrant, exercisable until 2013, to purchase	_	153,168	04/12/ 05/25/			1,970,325 71,053		2,153,168 29,966
common stock at \$.01 per share								
(B)	43,600	shs.	05/25/	′06		37,871 2,079,249		18,388 2,201,522
K P H I Holdings, Inc. A manufactuer of highly enginee medical, consumer and industrial 15% Senior Subordinated Note due 2017 Common Stock (B)	_	_	12/	erse range 10/10 10/10	of e	870,853 232,826		896,459 221,185
						1,103,67	9	1,117,644
K P I Holdings, Inc. The largest player in the U.S. nor die casting segment. 12.75% Senior Subordinated								
Note due 2015 (D)	\$	1,301,869	07/	16/08		1,222,12	5	1,301,870
Convertible Preferred Stock Series C (B) Convertible Preferred Stock	29 shs		06/	30/09		29,348		58,000
Series D (B)	13 shs	•	09/	17/09		12,958		38,880
Common Stock (B)	235 sh			15/08		234,783		1,837
Warrant, exercisable until 2018,						, -		•
to purchase	51 shs		07/	16/08		50,836		398
	J1 8H8	•	077	10/08		50,030		J70

common stock at \$.01 per share				
(B) Warrant, exercisable until 2018,				
to purchase				
common stock at \$.01 per share				
(B)	67 shs.	09/17/09		527
(B)	O7 Sils.	09/1//09	1,550,050	1,401,512
			1,330,030	1,401,312
K W P I Holdings Corporation				
A manufacturer and distributor of viny	1 windows and patio doors through	shout the northwester	n United	
States.	i windows and patro doors anoug	Shout the horal wester	n emea	
12% Senior Subordinated Note				
due 2015 (D)	\$ 1,674,246	03/14/07	1,523,455	1,339,397
Preferred Stock PIK (B)	793 shs.	02/07/11	306,750	230,000
Common Stock (B)	123 shs.	03/13/07	123,000	-
Warrant, exercisable until 2019,			,	
to purchase				
preferred stock at \$.01 per share				
(B)	71 shs.	07/07/09	_	_
Warrant, exercisable until 2017,				
to purchase				
common stock at \$.01 per share				
(B)	89 shs.	03/14/07	85,890	-
			2,039,095	1,569,397
			, , -	

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED) MassMutual Participation Investors September 30, 2011 (Unaudited)

(Situativa)					
Corporate Restricted Securities: (A) (Cor	ntinued)	Principal Amount, Shares, Units or Ownership Percentage	Acquisition Date	Cost	Fair Value
. / .	,	Č			
LPC Holding Company A designer and manufacturer of precision automotive end markets. 13.5% Senior Subordinated PIK Note du Common Stock (B)		e rubber componer \$ 907,434 94 shs.	08/15/11 08/15/11	\$889,565 94,340	\$926,407 89,623
				983,905	1,016,030
M V I Holding, Inc. A manufacturer of large precision machinindustries, including the oil and gas, min 13% Senior Subordinated Note due	ing, and defense	markets.	_		
2016	\$ 662,740	09/12		626,565	622,499
Common Stock (B) Warrant, exercisable until 2018, to purchase	32 shs.	09/12	2/08	32,143	16,649
common stock at \$.01 per share (B)	35 shs.	09/12	2/08	34,714 693,422	17,981 657,129
Mail Communications Group, Inc. A provider of mail processing and handli services. 12.5% Senior Subordinated Note due					
2014	\$ 516,177	05/04		500,157	516,177
Limited Liability Company Unit (B) Warrant, exercisable until 2014, to purchase	12,764 uts.		*	166,481	213,662
common stock at \$.01 per share (B) * 05/04/07 and 01/02/08.	1,787 shs.	05/04	1/07	22,781 689,419	29,915 759,754
Manhattan Beachwear Holding Company A designer and distributor of women's swimwear. 12.5% Senior Subordinated Note due					
201815% Senior Subordinated Note due	\$ 882,353	01/15	5/10	784,264	882,353
2018	\$ 219,041	10/05		215,242	219,041
Common Stock (B)	35 shs.	10/05	5/10	35,400	97,725

Common Stock Class B (B)	118 shs.	01/15/10	117,647	324,783
Warrant, exercisable until 2019, to				
purchase				
common stock at \$.01 per share (B)	104 shs.	01/15/10	94,579	287,433
			1,247,132	1,811,335

Marshall Physicians Services LLC

A provider of emergency department and hospital medicine services to hospitals located in the state of Kentucky. The Company was founded in 1999 and is owned by seven practicing physicians.

13% Senior Subordinated Note due 2016	\$ 440,000	09/20/11	431,223	445,858
Limited Liability Company Unit Class A (B)	2,900 uts.	09/20/11	60,000	57,000
Limited Liability Company Unit Class D (B)	291 uts.	09/20/11	-	1
			491,223	502,859

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED)

September 30, 2011 (Unaudited)

Corporate Restricted Securities: (A) (Continued)	Principal Amount, Shares, Units or Ownership Percentage	Acquisition Date	Cost	Fair Value
-	,				
MBWS Ultimate Holdco, Inc. A provider of services throughout No an oil well. 12% Senior Subordinated Note	orth Dakota that address	the fluid mana	gement and r	elated transpor	taion needs of
due 2016	\$ 1,117,495		*	1,020,877	\$1,139,845
Preferred Stock Series A (B)	1,388 shs.	09/07	7/10	138,797	387,010
Common Stock (B)	162 shs.	03/01	1/11	16,226	45,170
Common Stock (B)	153 shs.	09/07	7/10	15,282	42,660
Warrant, exercisable until 2020, to purchase common stock at \$.01 per share					
(B)	103 shs.	03/01	1/11	10,325	28,719
Warrant, exercisable until 2016,					
to purchase					
common stock at \$.01 per share	207.1	00.05	7/10	20.622	107.607
(B) * 09/07/10 and 03/01/11.	386 shs.	09/07	//10	38,623 1,240,130	107,627 1,751,031
09/07/10 and 03/01/11.				1,240,130	1,731,031
MedSystems Holdings LLC A manufacturer of enteral feeding profeeding. 13% Senior Subordinated Note	oducts, such as feeding t	tubes and other	products rela	ted to assisted	
due 2015	\$ 626,907	08/29	9/08	573,210	626,907
Preferred Unit (B)	66 uts.	08/29	9/08	66,451	83,188
Common Unit Class A (B)	671 uts.	08/29	9/08	671	18,386
Common Unit Class B (B)	250 uts.	08/29	9/08	63,564 703,896	6,841 735,322
MEGTEC Holdings, Inc. A supplier of industrial and environm array of industries. 12% Senior Subordinated Note	ental products and serv	ices to a broad			
due 2016	\$ 1,144,068	09/24	1/08	1,073,530	1,144,068
Preferred Stock (B)	56 shs.	09/24	1/08	54,040	71,007
Limited Partnership Interest (B) Warrant, exercisable until 2018, to purchase	0.74% int.	09/16	6/08	205,932	284,239

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

(B)	18 shs.		09/24/08	18,237 1,351,739	34,331 1,533,645				
Merex Holding Corporation A provider of after-market spare parts and components, as well as Maintenance, Repair and Overhaul ("MRO") services for "out of production" or "legacy" aerospace and defense systems that are no longer effectively supported by the OEMs. 14% Senior Subordinated Note due 2018 \$ 367,924 09/22/11 360,583 371,199									
Limited Liability Company Unit	Ψ	307,724	0)/22/11	300,303	371,177				
Series B (B)	132,076 ι	its.	09/22/11	132,076 492,659	125,472 496,671				
MicroGroup, Inc. A manufacturer of precision parts and tubing and bars. 12% Senior Subordinated Note due 2013 (D) Common Stock (B) Warrant, exercisable until 2013, to	\$	es, and a value-add 1,421,795 shs.	ded supplier of metal * *	1,364,411 238,000	853,077 -				
purchase common stock at \$.02 per share (B) *08/12/05 and 09/11/06.	87 s	hs.	*	86,281 1,688,692	- 853,077				

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED) MassMutual Participation Investors September 30, 2011 (Unaudited)

Corporate Restricted Securities: (A) (Con	ntinued)		Principal Amount, Shares, Units or Ownership Percentage	Acquisition Date	Cost	Fair Value
Milwaukee Gear Company						
A manufacturer of high-precision custom	n gears ar	nd gear driv	es used by orig	ginal equipmen	t manufacture	rs operating in
a number of industries.						
13% Senior Subordinated Note						* . = = .
due 2014	\$	1,246,154		07/21/08	\$1,202,721	\$1,246,154
Preferred Stock (B)	139 shs	S.		07/21/08	138,374	175,474
Common Stock (B)	9 shs.			07/21/08	10,000	73,871
Warrant, exercisable until 2014,						
to purchase common stock at \$.01 per share						
(B)	6 shs.			07/21/08	5,510	49,248
(B)	0 3113.			07721700	1,356,605	1,544,747
Monessen Holding Corporation A designer and manufacturer of a broad land accessories. 15% Senior Subordinated PIK	line of ga	as, wood, an	d electric heart	th products		
Note due 2015 (D)	\$	823,794		06/28/11	547,745	_
7% Senior Subordinated Note	т	,			2,.	
due 2014 (D)	\$	1,350,000		06/28/11	1,281,479	337,500
Warrant, exercisable until 2014,						
to purchase						
common stock at \$.02 per share						
(B)	81 shs.			03/31/06	73,125	-
					1,902,349	337,500
Motion Controls Holdings A manufacturer of high performance med and linkage products. 14.25% Senior Subordinated	chanical	motion cont	rol			
Note due 2017	\$	919,758		11/30/10	903,574	947,351
Limited Liability Company Unit	Ψ	919,730		11/30/10	905,574	947,331
Class B-1 (B)	Company Unit 93,750 uts.			11/30/10	_	89,063
Limited Liability Company Unit	75,750			11,50,10		02,003
Class B-2 (B)	8,501 uts.			11/30/10	- 903,574	85 1,036,499

A producer of explosive						
containment vessels in the United						
States.						
14% Senior Subordinated Note						
due 2014 (D)	\$	330,882		02/24/06	306,091	82,720
Limited Liability Company Unit						
(B)	437 uts.			*	436,984	-
Warrant, exercisable until 2016,						
to purchase						
common stock at \$.01 per share						
(B)	68 shs.			02/24/06	19,687	-
* 02/24/06 and 06/22/07.					762,762	82,720
Nesco Holdings Corporation						
A sales and leasing company that provid	es equipn	nent to the ele	ectric utility, t	elecommunica	tions, and var	ious other
industries.						
12% Senior Secured Subordinated Note	due 2015	\$	1,125,000	08/02/07	1,047,660	1,125,000
Common Stock (B)		225,000 shs.		08/02/07	225,000	577,125
Warrant, exercisable until 2015, to purch	nase					
common stock at \$.01 per share (B)		63,	63,191 shs.		102,842	162,084
-					1,375,502	1,864,209

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONTINUED) September 30, 2011 (Unaudited)

Corporate Restricted Securities: (A) (Continued)