#### MASSMUTUAL PARTICIPATION INVESTORS

Form N-Q

November 27, 2006

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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM N-Q

Quarterly Schedule of Portfolio Holdings of Registered Management Investment Company

Investment Company Act file number 811-05531

MassMutual Participation Investors
(Exact name of registrant as specified in charter)
1500 Main Street, Suite 600, Springfield, MA 01115
(Address of principal executive offices) (Zip code)
Rodney J. Dillman, Vice President and Secretary, 1500 Main Street, Suite 2800, Springfield, MA 01115
(Name and address of agent for service)
Registrant's telephone number, including area code: 413-226-1000
Date of fiscal year end: 12/31
Date of reporting period: 09/30/06
Table of Topology Police of Co, Co, Co, Co

CONSOLIDATED SCHEDULE OF INVESTMENTS MASSMUTUAL PARTICIPATION INVESTORS

September 30, 2006 (Unaudited)

CODDODATE DESTRICTED SECURITIES _ 74 21%.(A)		Shares, Units, Warrants, Ownership or	
CORPORATE RESTRICTED SECURITIES - 74.31%: (A)	Pr1:	ncipal Amount	Date
PRIVATE PLACEMENT INVESTMENTS - 69.19%			
A T I ACQUISITION COMPANY A for-profit post-secondary school serving students in Texas, Florida and Arizona.			
12% Senior Subordinated Note due 2012 Warrant, exercisable until 2012, to purchase	\$	1,125,000	04/08/0
common stock at \$.02 per share (B) Warrant, exercisable until 2012, to purchase		1,230 shs.	04/08/0
preferred stock at \$.01 per share (B)		33,505 shs.	03/23/0
ADORN, INC.  A manufacturer of wall panels, cabinets, moldings and countertops for houses and recreational vehicles.			
12.5% Subordinated Note due 2010 Warrant, exercisable until 2010, to purchase	\$	1,125,000	02/29/0
common stock at \$.02 per share (B)		192 shs.	02/29/0
AMERCABLE, INC.  A manufacturer of electric power, instrumentation and control cables, primarily for the mining and oil and gas industries.  12% Senior Subordinated Note due 2013 Limited Partnership Interest (B) Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B)	\$	583,333 0.19% int. 66 shs.	04/08/0 04/07/0 04/08/0
AMERICAN HOSPICE MANAGEMENT HOLDING LLC A for-profit hospice care provider in the United States. 12% Senior Subordinated Note due 2010 Preferred Class A Unit (B) Common Class B Unit Common Class D Unit (B)	\$	1,125,000 1,706 uts. 16,100 uts. 3,690 uts.	01/22/0 01/22/0 09/12/0
ARROW TRU-LINE HOLDINGS, INC.  A manufacturer of hardware for residential and commercial overhead garage doors in North America.  12% Senior Subordinated Note due 2012	\$	861,702	05/18/0
Common Stock (B) Warrant, exercisable until 2012, to purchase		263 shs.	05/18/0
common stock at \$.01 per share (B)		69 shs.	05/18/0

AUGUSTA SPORTSWEAR HOLDING CO.  A manufacturer and distributor of athletic apparel, activewear and team uniforms.  12% Senior Subordinated Note due 2012 Common Stock (B)	\$	893,000 275 shs.	12/31/0
Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)		73 shs.	12/31/0
*01/22/04 and 09/12/06. **12/31/04, 03/31/05 and 05/02/06.			
CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTICIPATION	INV	ESTORS	
September 30, 2006 (Unaudited)			
CORPORATE RESTRICTED SECURITIES(A)(Continued)	01	ares, Units, Warrants, wnership or ncipal Amount	Acquisit Date
BETA BRANDS LTD.  A manufacturer of hard candy and chocolate-coated products sold primarily to the Canadian market.  5% Promissory Note due 2009 (B)	\$	96 <b>,</b> 698	03/31/0
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	Ť	2,421 shs.	
BRAVO SPORTS HOLDING CORPORATION A designer and marketer of niche branded consumer products including canopies, trampolines, in-line skates, skateboards, and urethane wheels.			
12.5% Senior Subordinated Note due 2014 Preferred Stock Class A (B) Common Stock (B)	\$	1,207,902 465 shs. 1 shs.	06/30/0 06/30/0 06/30/0
Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)		164 shs.	06/30/0
C & J SPEC-RENT SERVICES, INC. A provider of coiled tubing and pressure pumping services			
to the oil and gas industry in Texas and Louisiana. 10% Senior Secured Term Note due 2012 14% Senior Subordinated Note due 2013 Common Stock (B)	\$	886,597 656,406 268,657 shs.	08/12/0 08/12/0 08/12/0
Warrant, exercisable until 2013, to purchase		10 552 aba	00/12/0

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

08/12/0

49,552 shs.

CAINS FOODS, L.P. A producer of mayonnaise and sauce products for both the retail and food service markets. 1.81% int. 09/29/9 Limited Partnership Interest (B) CAPESUCCESS LLC A provider of diversified staffing services. 806 uts. 04/29/0 Preferred Membership Interests (B) Common Membership Interests (B) 10,421 uts. 04/29/0 CAPITAL SPECIALTY PLASTICS, INC. A producer of desiccant strips used for packaging pharmaceutical products. 55 shs. Common Stock (B) \*12/30/97 and 05/29/99. 8 CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTICIPATION INVESTORS September 30, 2006 (Unaudited) Shares, Units, Warrants, Ownership or Acquisit CORPORATE RESTRICTED SECURITIES (A) (Continued) Principal Amount Date \_\_\_\_\_ COEUR, INC. A producer of proprietary, disposable power injection syringes. \$ 264,493 04/30/0 8.75% Senior Secured Term Note due 2010 242,754 11.5% Senior Subordinated Note due 2011 04/30/0 72,463 shs. 04/30/0 Common Stock (B) Warrant, exercisable until 2010, to purchase 50,099 shs. 04/30/0 common stock at \$.01 per share (B) COINING CORPORATION OF AMERICA LLC A manufacturer of close tolerance parts and metal stampings. 10.74% Senior Secured Revolving Credit Facility due 2007 (C) 61,728 01/07/0 10.74% Senior Secured Tranche A Note due 2007 (C) 434,222 06/26/0 13% Senior Secured Tranche B Note due 2008 \$ 370,370 06/26/0 Limited Partnership Interest (B) 3.65% int. 06/26/0

CONNOR SPORT COURT INTERNATIONAL, INC.
A designer and manufacturer of outdoor and indoor synthetic sports flooring and other temporary

Warrant, exercisable until 2008, to purchase

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

61,163 shs. 06/26/0

flooring products.

12% Senior Subordinated Note due 2012 (D) Limited Partnership Interest (B) Warrant, exercisable until 2012, to purchase	\$	1,059,417 4.43% int.	<b>*</b>
common stock at \$.01 per share (B)		92 shs.	
CONSOLIDATED FOUNDRIES HOLDINGS			
A manufacturer of engineered cast metal components for the global aerospace and defense industries.			
12% Senior Subordinated Note due 2013 Common Stock (B)	\$	1,157,143 269 shs.	06/15/0
Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B)		54 shs.	06/15/0
COREPHARMA LLC			
A manufacturer of oral dose generic pharmaceuticals targeted at niche applications.			
12% Senior Subordinated Note due 2013	\$	1,350,000	08/04/0
Warrant, exercisable until 2013, to purchase			00/04//
common stock at \$.01 per share (B)		10 shs.	08/04/0
*08/12/04 and 01/18/05.  **08/12/04 and 01/14/05.  ***06/15/05 and 05/22/06.			
CONSOLIDATED SCHEDULE OF INVESTMENTS(CONT.) MASSMUTUAL PARTICIPOSEPTEMBER 30, 2006 (Unaudited)	ATION INVE	STORS	
September 30, 2006		ESTORS ares, Units, Warrants,	
September 30, 2006	Sha Ow Prin	ares, Units,	Acquisit Date
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES (A) (Continued)	Sha Ow Prin	ares, Units, Warrants, Mership or Acipal Amount	Date
September 30, 2006 (Unaudited)	Sha Ow Prin	ares, Units, Warrants, Mership or Acipal Amount	Date
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES (A) (Continued)  CORVEST GROUP, INC. A manufacturer and distributor of promotional products. 12% Senior Subordinated Note due 2009 (D)	Sha Ow Prin	ares, Units, Warrants, mership or acipal Amount	Date
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES (A) (Continued)  CORVEST GROUP, INC. A manufacturer and distributor of promotional products. 12% Senior Subordinated Note due 2009 (D) Common Stock (B)	Sha Ow Prin 	eres, Units, Warrants, Inership or Icipal Amount	Date
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES (A) (Continued)  CORVEST GROUP, INC. A manufacturer and distributor of promotional products. 12% Senior Subordinated Note due 2009 (D) Common Stock (B) Limited Partnership Interest (B) Warrant, exercisable until 2007, to purchase	Sha Ow Prin 	warrants, warran	Date
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES (A) (Continued)  CORVEST GROUP, INC. A manufacturer and distributor of promotional products. 12% Senior Subordinated Note due 2009 (D) Common Stock (B) Limited Partnership Interest (B)	Sha Ow Prin 	warrants, warrants, mership or acipal Amount 2,045,455 30 shs.	Date
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES (A) (Continued)  CORVEST GROUP, INC. A manufacturer and distributor of promotional products. 12% Senior Subordinated Note due 2009 (D) Common Stock (B) Limited Partnership Interest (B) Warrant, exercisable until 2007, to purchase	Sha Ow Prin 	warrants, warran	Date
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES (A) (Continued)  CORVEST GROUP, INC. A manufacturer and distributor of promotional products.  12% Senior Subordinated Note due 2009 (D)  Common Stock (B)  Limited Partnership Interest (B)  Warrant, exercisable until 2007, to purchase  common stock at \$.01 per share (B)  DEXTER MAGNETICS TECHNOLOGIES, INC. A designer, fabricator, assembler and distributor of	Sha Ow Prin 	warrants, warran	Date
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES(A) (Continued)  CORVEST GROUP, INC.  A manufacturer and distributor of promotional products.  12% Senior Subordinated Note due 2009 (D)  Common Stock (B)  Limited Partnership Interest (B)  Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)  DEXTER MAGNETICS TECHNOLOGIES, INC.  A designer, fabricator, assembler and distributor of industrial magnets and subassemblies in North America	Sha Ow Prin 	warrants, warran	Date
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES (A) (Continued)  CORVEST GROUP, INC. A manufacturer and distributor of promotional products.  12% Senior Subordinated Note due 2009 (D)  Common Stock (B)  Limited Partnership Interest (B)  Warrant, exercisable until 2007, to purchase  common stock at \$.01 per share (B)  DEXTER MAGNETICS TECHNOLOGIES, INC. A designer, fabricator, assembler and distributor of	Sha Ow Prin 	warrants, warran	Date

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common stock at \$.01 per share	157 shs.	07/19/0
DIRECTED ELECTRONICS, INC.		
A designer and distributor of brand name automotive security systems, audio products and		
installation accessories.		
Common Stock (B)	126,817 shs.	12/19/0
Limited Partnership Interest (B)	4.61% int.	*
DIVERSCO, INC./DHI HOLDINGS, INC.		
A contract provider of janitorial and equipment		
maintenance services and temporary production labor to		
industrial customers.  Membership Interests of MM/Lincap		
Diversco Investments Ltd. LLC (B)	13.57% int.	08/27/9
Preferred Stock (B)	1,639 shs.	
Warrants, exercisable until 2011, to purchase		
common stock of DHI Holdings, Inc. at \$.01 per share (B)	6,676 shs.	* *
at v.or per share (b)	0,070 3113.	
DWYER GROUP, INC.		
A franchiser of a variety of home repair services.		10/00/0
14% Senior Subordinated Note due 2011 Common Stock (B)	\$ 984,375 3,656 shs.	10/30/0
Warrant, exercisable until 2011, to purchase	3,030 3113.	
common stock at \$.01 per share (B)	1,077 shs.	10/30/0
*03/05/99 and 03/24/99.		
**12/22/99 and 09/14/05.		
***10/24/96 and 08/28/98.		
****10/30/03 and 01/02/04.		
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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTI- September 30, 2006	CIPATION INVESTORS	
(Unaudited)		
	Shares, Units,	
	Warrants,	
CORPORATE RESTRICTED SECURITIES(A) (Continued)	Ownership or Principal Amount	Acquisit Date
E X C ACQUISITION CORPORATION		
A manufacturer of pre-filled syringes and pump systems		
used for intravenous drug delivery. Warrant, exercisable until 2014, to purchase		
common stock at \$.01 per share (B)	11 shs.	06/28/0
EAGLE PACK PET FOODS, INC.		

A manufacturer of premium pet food sold through independent pet stores.  12% Senior Subordinated Note due 2011  Warrant, exercisable until 2011, to purchase common stock at \$.02 per share	\$	803,572 2,163 shs.	09/24/0
EAST RIVER VENTURES I, L.P.  An acquirer of controlling or substantial interests in other entities.  Limited Partnership Interest (B)		0.03% int.	01/01/0
ENZYMATIC THERAPY, INC.  A manufacturer and distributor of branded natural medicines and nutritional supplements.  Limited Partnership Interest (B)  Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)		0.70% int. 15,415 shs.	03/30/0 03/30/0
EURO-PRO CORPORATION  A designer, marketer and distributor of floor care, steam cleaning and small kitchen products and appliances.  13.25% Senior Subordinated Note due 2011  16.03% Overdue Interest Secured Note due 2008 (C)  Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	\$ \$	1,125,000 75,952 23,229 shs.	09/09/0 01/13/0 09/09/0
EVANS CONSOLES, INC. A designer and manufacturer of consoles and control center systems. Common Stock (B)		45,000 shs.	05/06/0
F H S HOLDINGS LLC A national provider of customized disease management services to large, self-insured employers.  12% Senior Subordinated Note due 2014 Preferred Unit (B) Common Unit (B) Common Unit Class B (B)	\$	1,265,625 84 uts. 844 uts. 734 shs.	06/01/0 06/01/0 06/01/0 06/01/0
*09/24/04 and 4/20/06.			

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTICIPATION INVESTORS

September 30, 2006 (Unaudited)

> Shares, Units, Warrants, Ownership or Acquisit
> Principal Amount Date

CORPORATE RESTRICTED SECURITIES (A) (Continued)

FLUTES, INC.		
An independent manufacturer of micro fluted corrugated sheet material for the food and consumer products		
packaging industries.		
10% Senior Secured Term Note due 2013	\$ 524,791	04/13/0
14% Senior Subordinated Note due 2014 Common Stock (B)	\$ 314,029 62,535 shs.	04/13/0 04/13/0
Warrant, exercisable until 2014, to purchase	02,000 0110.	01/15/0
common stock at \$.01 per share (B)	17,680 shs.	04/13/0
FOWLER HOLDING, INC.		
A provider of site development services to residential homebuilders and developers in the Raleigh/Durham region of North Carolina.		
12% Senior Subordinated Note due 2013	\$ 1,252,174	02/03/0
Common Stock (B)	98 shs.	02/03/0
Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B)	135 shs.	02/03/0
common secon de 4101 per suare (5)	100 0.10	02, 00, 0
FUEL SYSTEMS HOLDING CORPORATION An independent North American supplier of fuel tanks for		
a wide variety of commercial vehicles.	1 007 500	01/01/0
12% Senior Subordinated Note due 2014 Common Stock (B)	\$ 1,237,500 112,500 shs.	01/31/0 01/31/0
Warrant, exercisable until 2016, to purchase		
common stock at \$.01 per share (B)	73,275 shs.	01/31/0
H M HOLDING COMPANY		
A designer, manufacturer, and importer of promotional and wood furniture.		
12% Senior Subordinated Note due 2013	\$ 1,170,000	02/10/0
Common Stock (B) Warrant, exercisable until 2013, to purchase	180 shs.	02/10/0
common stock at \$.01 per share (B)	67 shs.	02/10/0
HIGHGATE CAPITAL LLC		
An acquirer of controlling or substantial interests in		
manufacturing and marketing entities. Series A Preferred Units (B)	0.30% int.	07/21/9
HOME DECOR HOLDING COMPANY		
A designer, manufacturer and marketer of framed art and		
wall decor products. 12.5% Senior Subordinated Note due 2012	\$ 1,081,731	
Common Stock (B)	33 shs.	
Warrant, exercisable until 2012, to purchase common stock at \$.02 per share (B)	106 shs.	
**0.6 (20.40.4 ) . 0.0 (40.40.4		
*06/30/04 and 08/19/04.		

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTICIPATION INVESTORS

September 30, 2006 (Unaudited)

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

ORPORATE RESTRICTED SECURITIES(A)(Continued)		nares, Units, Warrants, Ownership or incipal Amount	Acquisi nt Date	
INTEGRATION TECHNOLOGY SYSTEMS, INC.  A manufacturer of steel protective computer and network systems for the industrial and office environments.  12% Senior Secured Note due 2007  Common Stock (B)	\$	949,004 130 shs.	03/01/0 06/01/0	
TTC^DELTACOM INC				
ITC^DELTACOM, INC. A provider of integrated communications services in the southeastern United States.				
13.63% Senior Secured Note due 2009 (C)	\$	1,179,095	07/26/0	
17.13% Senior Secured Note due 2009 (C)	\$	189,668	07/26/0	
Warrant, exercisable until 2009, to purchase				
convertible preferred stock at \$.01 per share (B)		54,468 shs.	07/26/0	
JASON, INC. A diversified manufacturing company serving various				
industrial markets.				
13% Senior Subordinated Note due 2008	\$	510,187	08/04/0	
14% Cumulative Redeemable Preferred Stock Series A (B)		153 shs.	08/04/0	
Limited Partnership Interest of Saw Mill Capital Fund II, L.P. (B)		1.30% int.	08/03/0	
Warrants, exercisable until 2008 and 2009, to purchase		1.300 1110.	0070070	
common stock at \$.01 per share (B)		26,931 shs.	08/04/0	
JUSTRITE MANUFACTURING ACQUISITION CO.				
A manufacturer of safety products such as storage cabinets				
and containers.	^	0/12 750	10/15/0	
12% Senior Subordinated Note due 2011 Warrant, exercisable until 2011, to purchase	\$	843,750	12/15/0	
common stock at \$.01 per share (B)		594 shs.	12/15/0	
K N B HOLDINGS CORPORATION				
A designer, manufacturer and marketer of products for the				
custom framing market. 13.5% Senior Subordinated Note due 2013	\$	1,280,865	05/25/0	
Common Stock (B)	·	71,053 shs.	05/25/0	
Warrant, exercisable until 2013, to purchase				
common stock at $\$$ 01 per share (R)		13 600 chc	05/25/0	

43,600 shs. 05/25/0

KEEPSAKE QUILTING, INC.		
A seller of quilting fabrics, books, patterns, kits and		
notions to consumers.		
8.89% Senior Secured Revolving Note due 2007 (C)	\$ 52,418	06/16/0
8.89% Senior Secured Tranche A Note due 2007 (C)	\$ 117,941	07/19/0
12% Senior Secured Tranche B Note due 2008	\$ 314,509	06/16/0
Limited Partnership Interest of		
Riverside XVI Holding Company, L.P. (B)	3.02% int.	06/12/0
Warrant, exercisable until 2008, to purchase		
common stock at \$.01 per share (B)	633 shs.	06/12/0

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CONSOLIDATED SCHEDULE OF INVESTMENTS(CONT.) MASSMUTUAL PARTICIPATION INVESTORS

September 30, 2006 (Unaudited)

12% Senior Subordinated Note due 2014

CORPORATE RESTRICTED SECURITIES (A) (Continued)		Shares, Units, Warrants, Ownership or Principal Amount	
KELE AND ASSOCIATES, INC. A distributor of building automation control products.			
12% Senior Subordinated Note due 2012	\$	969,643	02/27/0
Preferred Stock (B)		12 shs.	
Common Stock (B)		6 shs.	02/27/0
Warrant, exercisable until 2012, to purchase		6 aha	02/27/0
common stock at \$.02 per share (B)		0 5115.	02/27/0
KEYSTONE NORTH AMERICA, INC.			
An operator of funeral homes in North America.			
Common Stock	2	28,577 shs.	02/08/0
LIH INVESTORS, L.P.			
A manufacturer and marketer of a broad line of external			
accessories for new and used sport utility vehicles, trucks and vans.			
12.5% Senior Subordinated Note due 2008	Ś	2,036,000	
Common Stock (B)	•	3,057 shs.	
Warrant, exercisable until 2006, to purchase		,	
common stock at \$.11 per share (B)		8,245 shs.	
MAGNATECH INTERNATIONAL, INC. A supplier of process equipment and related parts used			
in the manufacturing of medium and high-pressure reinforced hoses.			

\$ 675,000 04/05/0

299 shs.	04/05/0
66 shs.	04/05/0
7 shs.	04/05/0
\$ 397.783	09/03/0
243 shs.	09/03/0
\$ 549.837	09/30/0
·	
•	
	00/:
87,755 shs.	09/30/0
ON INVESTORS	
Shares, Units,	
Warrants,	7 ogni si t
	-
Warrants, Ownership or Principal Amount	Date
Warrants, Ownership or Principal Amount 44 shs. 13,863 shs.	Date 10/28/0
Warrants, Ownership or Principal Amount	Date 10/28/0
Warrants, Ownership or Principal Amount 44 shs. 13,863 shs.	Date 10/28/0
Warrants, Ownership or Principal Amount 44 shs. 13,863 shs.	Date 10/28/0
Warrants, Ownership or Principal Amount 44 shs. 13,863 shs.	Date 10/28/0
Warrants, Ownership or Principal Amount  44 shs. 13,863 shs.  47,090 shs.	Date 10/28/0
Warrants, Ownership or Principal Amount  44 shs. 13,863 shs. 47,090 shs.	Date 10/28/0
	7 shs.  \$ 397,783 \$ 179,104 4.48% int. 243 shs.

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

87 shs.

MOMENTUM HOLDING CO.			
A designer and supplier of upholstery fabric to commercial furniture manufacturers and architectural and design firms.			
12% Senior Subordinated Note due 2014	\$	618,802	08/04/0
Limited Partnership Interest (B)	7	56,198 uts.	08/04/0
Warrant, exercisable until 2014, to purchase		00, 200 200	00, .
common stock at \$.01 per share (B)		586 shs.	08/04/0
MONESSEN HOLDING CORPORATION			
A designer and manufacturer of a broad line of gas, wood			
and electric hearth products and accessories.			
12% Senior Subordinated Note due 2014	\$	1,350,000	03/31/0
Warrant, exercisable until 2014, to purchase			
common stock at \$.01 per share (B)		81 shs.	03/31/0
MORTON INDUSTRIAL GROUP, INC.			
A manufacturer of highly engineered metal			
fabricated components.	<b>^</b>	- 000 046	~ ^ ' O F //
12% Senior Subordinated Note due 2014	\$	, - ,	08/25/0
Common Stock (B)		57,754 shs.	08/25/0
Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)		91,923 shs.	08/25/0
*08/12/05 and 09/11/06.			

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTICIPATION INVESTORS

CORPORATE RESTRICTED SECURITIES(A)(Continued)	Warı Owners	, Units, rants, ship or al Amount	Acquisit Date
MOSS, INC.			
A manufacturer and distributor of large display and			
exhibit structures.			
9.48% Senior Secured			
Revolving Note due 2010 (C)	\$	54,941	07/03/0
9.48% Senior Secured Tranche A Note due 2010 (C)	\$	550,000	12/21/0
12% Senior Secured Tranche B Note due 2010	\$	200,000	12/21/0
Limited Partnership Interest of			
Riverside Capital Appreciation Fund I, L.P. (B)	19.2	20% int.	
Warrant, exercisable until 2010, to purchase			
common stock at \$.01 per share (B)	-	122 shs.	12/21/0

CORPORATE RESTRICTED SECURITIES (A) (Continued)	Shares, Units, Warrants, Ownership or Principal Amoun	Acquisi t Date
September 30, 2006 (Unaudited)		
CONSOLIDATED SCHEDULE OF INVESTMENTS(CONT.) MASSMUTUAL PARTICIPATION	N INVESTORS	
16		
*09/20/00 and 05/23/02.		
Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)	138,928 shs.	01/28/
11.5% Senior Subordinated Note due 2012 Common Stock (B)	\$ 857,143 178,571 shs.	
NYLONCRAFT, INC. A supplier of engineered plastic components for the automotive industry.  9% Senior Secured Note due 2009	\$ 464,286	01/28/
common stock at \$.01 per share (B)	4,565 shs.	03/29/
10% Preferred Stock (B) Common Stock (B) Warrant, exercisable until 2012, to purchase	135 shs. 3,418 shs.	
NONNI'S FOOD COMPANY A producer and distributor of premium biscotti and bagel chips in North America. 12.25% Senior Subordinated Note due 2012	\$ 986,538	03/29/
common stock at \$.01 per share (B)	112 shs.	01/31/
12.5% Senior Subordinated Note due 2011 Warrant, exercisable until 2011, to purchase	\$ 562,500	
NEFF MOTIVATION, INC.  A manufacturer and distributor of customized awards and sportswear to schools.		
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	26 shs.	02/24/
United States. 12% Senior Subordinated Note due 2014 Limited Partnership Interest (B)	\$ 330,882 344 uts.	
NABCO, INC. A producer of explosive containment vessels in the		

O R S NASCO HOLDING, INC.

A wholesale distributor of industrial supplies in

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North America.  13% Senior Subordinated Note due 2013 Common Stock (B) Warrant, exercisable until 2015, to purchase common stock at \$.01 per share (B)	\$ 1,256,152 93,848 shs. 52,820 shs.	12/20/0 12/20/0 12/20/0
OAKRIVER TECHNOLOGY, INC.  Designs, engineers and assembles high precision automated process equipment for the medical device industry, with a focus on defibrillators and stents.  10% Senior Secured Note due 2012 13% Senior Subordinated Note due 2013 Common Stock (B) Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B)	\$ 323,115 \$ 392,709 184,176 shs. 41,249 shs.	01/03/0 01/03/0 01/03/0 01/03/0
OLYMPIC SALES, INC.  A boat retailer in Washington state, Oregon, California and British Columbia.  12% Senior Subordinated Note due 2008  Limited Partnership Interest of Riverside VIII, VIII-A and VIII-B Holding Company, L.P.  Warrants, exercisable until 2007 and 2008, to purchase common stock at \$.01 per share (B)	\$ 1,193,154 10.66% int. 15,166 shs.	*
ONTARIO DRIVE & GEAR LTD.  A manufacturer of all-wheel drive, off-road amphibious vehicles and related accessories.  13% Senior Subordinated Note due 2013 Limited Partnership Interest (B) Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B)	\$ 1,047,115 1,942 uts. 328 shs.	01/17/0 01/17/0 01/17/0
OVERTON'S HOLDING COMPANY A marketer of marine and water sports accessories in the United States.  12% Senior Subordinated Note due 2014 Common Stock (B) Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)	\$ 962,104 50 shs. 49 shs.	04/28/0 04/28/0 04/28/0
*08/07/98, 02/23/99, 12/22/99 and 02/25/03. **08/07/98 and 02/29/00.		

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTICIPATION INVESTORS

	Shares, Units Warrants, Ownership on	r Acquisit
CORPORATE RESTRICTED SECURITIES (A) (Continued)	Principal Amou	unt Date 
P A S HOLDCO LLC		
An independent provider of maintenance, repair and		
overhaul services to the aerospace gas turbine engine and		
airframe markets.		
14% Senior Subordinated Note due 2014	\$ 1,147,68	
Preferred Unit (B)	202 uts	
Preferred Unit (B) Common Unit Class I (B)	36 uts 78 uts	
Common Unit Class I (B)	17 uts	
P I I HOLDING CORPORATION		
A manufacturer of plastic film and bags for the general		
industrial, medical, and food industries.		
12% Senior Subordinated Note due 2013	\$ 1,215,00	
Preferred Stock (B)	19 shs	
Common Stock (B)	12 shs	s. 03/31/0
Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B)	7 shs	s. 03/31/0
PARADIGM PACKAGING, INC.  A manufacturer of plastic bottles and closures for the nutritional, pharmaceutical, personal care and food packaging markets.  12% Senior Subordinated Note due 2008  Membership Interests of MM/Lincap  PPI Investments, Inc., LLC (B)	\$ 1,125,00 1.28% int	
PROTEIN GENETICS, INC.  A producer of bovine artificial insemination products, related breeding and healthcare products and specialty genetics sold to the dairy and beef industries.  9.8% Redeemable Exchangeable Preferred Stock (B)	332 shs	s. 08/12/9
Common Stock (B)	867 shs	
QUALIS AUTOMOTIVE LLC A distributor of aftermarket automotive brake and		
chassis products.		44
12% Senior Subordinated Note due 2012	\$ 937,50	
Common Stock Warrant, exercisable until 2012, to purchase	187,500 shs	s. 05/28/0
common stock at \$.01 per share	199,969 shs	s. 05/28/0
Transcriber do 4.01 per bhare	100,000 311	00/20/(

#### QUALSERV CORPORATION

A provider of foodservice equipment and supplies to major restaurant chains and their franchisees.

\$

1,002,475 07/09/0

14% Senior Subordinated Note due 2012 (D)

14% Senior Subordinated Note due 2012 (D) Limited Partnership Interest (B)	Ş	1,002,475 4.90% int.	07/09/0 07/09/0
Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)		280 shs.	07/09/0
*11/14/01 and 08/12/94.			
18			
CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTICIPAT	CION INVES	STORS	
September 30, 2006 (Unaudited)			
	W Owr	res, Units, Jarrants, mership or	Acquisit
CORPORATE RESTRICTED SECURITIES(A)(Continued)		cipal Amount	Date
RADIAC ABRASIVES, INC. A manufacturer of bonded abrasive and super abrasive grinding wheels in the United States.			
12% Senior Subordinated Note due 2014	\$	1,196,809	02/10/0
Common Stock (B)	15	3,191 shs.	02/10/0
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	6	59,647 shs.	02/10/0
RIVER RANCH FRESH FOODS LLC A supplier of fresh produce to the retail and foodservice channels.			
13% Senior Subordinated Note due 2011 (D)	\$	975,000	09/29/0
Limited Partnership Interest (B)	2	21,500 uts.	09/29/0
Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	1	2,481 shs.	09/29/0
ROYAL BATHS MANUFACTURING COMPANY A manufacturer and distributor of acrylic and cultured			
marble bathroom products. 12.5% Senior Subordinated Note due 2011	\$	562,500	11/14/0
Warrant, exercisable until 2011, to purchase		•	, .
common stock at \$.01 per share (B)		74 shs.	11/14/0
SAFETY SPEED CUT MANUFACTURING COMPANY, INC.  A manufacturer of vertical panel saws and routers for the wood working industry.			
8.73% Senior Secured Tranche A Note due 2007 (C)	\$	242,283	06/02/9
12% Senior Secured Tranche B Note due 2007 Class B Common Stock (B)	\$	646,089 846 shs.	06/02/9 06/02/9

SAVAGE SPORTS HOLDING, INC.			
A manufacturer of sporting firearms.  12% Senior Subordinated Note due 2012  Common Stock (B)	\$	814,655 310 shs.	09/10/ 09/10/
Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)		71 shs.	09/10/
SPECIALTY FOODS GROUP, INC. A manufacturer and distributor of branded meat products.			
Limited Partnership Interest of MHD Holdings LLC		0.76% int.	08/29/
STANTON CARPET HOLDING CO. A designer and marketer of high and mid-priced decorative carpets and rugs.			
12.125% Senior Subordinated Note due 2014 Common Stock (B)	\$	1,185,366 165 shs.	08/01/ 08/01/
Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)		55 shs.	08/01/
CONCOLIDATED COMEDINE OF THEFTOTHERITO (CONT.) MACCAUTING DARKETTS		CTOD C	
September 30, 2006 (Unaudited)	Shan V Own Princ	res, Units, Warrants, nership or cipal Amount	
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES(A)(Continued)  STRATEGIC EQUIPMENT & SUPPLY CORPORATION, INC.	Shan V Own Princ	res, Units, Warrants, nership or cipal Amount	Acquisi Date
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES(A)(Continued)  STRATEGIC EQUIPMENT & SUPPLY CORPORATION, INC. A provider of kitchen and restaurant design, equipment fabrication and installation services.	Shan V Own Princ	res, Units, Warrants, nership or cipal Amount	
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES(A)(Continued)  STRATEGIC EQUIPMENT & SUPPLY CORPORATION, INC. A provider of kitchen and restaurant design, equipment	Shan V Own Princ 	res, Units, Warrants, nership or cipal Amount	
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES(A) (Continued)  STRATEGIC EQUIPMENT & SUPPLY CORPORATION, INC. A provider of kitchen and restaurant design, equipment fabrication and installation services.  Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)  SYNVENTIVE EQUITY LLC A manufacturer of hot runner systems used in the plastic	Shan V Own Princ 	res, Units, Warrants, nership or cipal Amount	Date
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES (A) (Continued)  STRATEGIC EQUIPMENT & SUPPLY CORPORATION, INC. A provider of kitchen and restaurant design, equipment fabrication and installation services.  Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)  SYNVENTIVE EQUITY LLC A manufacturer of hot runner systems used in the plastic injection molding process.  Limited Partnership Interest (B)	Shan V Own Princ 	res, Units, Warrants, nership or cipal Amount	Date
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES(A) (Continued)  STRATEGIC EQUIPMENT & SUPPLY CORPORATION, INC. A provider of kitchen and restaurant design, equipment fabrication and installation services.  Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)  SYNVENTIVE EQUITY LLC A manufacturer of hot runner systems used in the plastic injection molding process.	Shan V Owr Princ	res, Units, Warrants, nership or cipal Amount	Date  01/14/ 08/20/
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES (A) (Continued)  STRATEGIC EQUIPMENT & SUPPLY CORPORATION, INC. A provider of kitchen and restaurant design, equipment fabrication and installation services.  Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)  SYNVENTIVE EQUITY LLC A manufacturer of hot runner systems used in the plastic injection molding process.  Limited Partnership Interest (B)  Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	Shan V Owr Princ	res, Units, Warrants, hership or cipal Amount 61,862 shs.	Date  01/14/ 08/20/
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES(A)(Continued)  STRATEGIC EQUIPMENT & SUPPLY CORPORATION, INC. A provider of kitchen and restaurant design, equipment fabrication and installation services.  Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)  SYNVENTIVE EQUITY LLC A manufacturer of hot runner systems used in the plastic injection molding process.  Limited Partnership Interest (B)  Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)  TANGENT RAIL CORPORATION A manufacturer of rail ties and provides specialty services	Shan V Owr Princ	res, Units, Warrants, hership or cipal Amount 61,862 shs.	Date  01/14/ 08/20/ 08/21/
common stock at \$.01 per share (B)  SYNVENTIVE EQUITY LLC  A manufacturer of hot runner systems used in the plastic injection molding process.  Limited Partnership Interest (B)  Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)  TANGENT RAIL CORPORATION  A manufacturer of rail ties and provides specialty services to the North American railroad industry.  13% Senior Subordinated Note due 2013	Shan V Owr Princ	res, Units, Warrants, hership or cipal Amount	Date  01/14/ 08/20/ 08/21/
September 30, 2006 (Unaudited)  CORPORATE RESTRICTED SECURITIES(A)(Continued)  STRATEGIC EQUIPMENT & SUPPLY CORPORATION, INC. A provider of kitchen and restaurant design, equipment fabrication and installation services.  Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)  SYNVENTIVE EQUITY LLC A manufacturer of hot runner systems used in the plastic injection molding process.  Limited Partnership Interest (B) Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)  TANGENT RAIL CORPORATION A manufacturer of rail ties and provides specialty services to the North American railroad industry.	Shan	res, Units, Warrants, nership or cipal Amount 61,862 shs.  1.05% int. 45,942 shs.	Date

Warrant, exercisable until 2013, to purchase

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

TERRA RENEWAL SERVICES, INC.			
A provider of wastewater residual management and			
required environmental reporting, permitting, nutrient			
management planning and record keeping to companies involved in poultry and food processing.			
8.68% Senior Secured Tranche A Note due 2011 (C)	\$	159,375	04/28/0
8.75% Senior Secured Tranche A Note due 2011 (C)	\$	121,875	04/28/0
8.93% Senior Secured Tranche B Note due 2012 (C)	\$	179,883	04/28/0
8.65% Senior Secured Tranche B Note due 2012 (C)	\$	241,992	04/28/0
8.64% Senior Secured Tranche B Note due 2012 (C) 12% Senior Subordinated Note due 2014	\$ \$	209,530 664,062	09/11/0 04/28/0
Limited Partnership Interest of	Ą	004,002	U4/∠0/∪
Saw Mill Capital Fund V, L.P.		2.30% int.	03/01/0
Warrant, exercisable until 2016, to purchase			,
common stock at \$.01 per share (B)		41 shs.	04/28/0
THE TRANZONIC COMPANIES			
A producer of commercial and industrial supplies, such as safety products, janitorial supplies, work			
apparel, washroom and restroom supplies and			
sanitary care products.			
13% Senior Subordinated Note due 2009	\$	1,356,000	02/05/9
Common Stock (B)		315 shs.	02/04/9
Warrant, exercisable until 2006, to purchase		000 1	00/05/0
common stock at \$.01 per share (B)		222 shs.	02/05/9
20			
CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTICIPATE	ION INVE	STORS	
September 30, 2006 (Unaudited)			
		res, Units, Warrants,	
		nership or	Acquisit
CORPORATE RESTRICTED SECURITIES (A) (Continued)		cipal Amount	Date
TRANSTAR HOLDING COMPANY			
A distributor of aftermarket automotive transmission parts.	ć	010 000	00/21/0
12% Senior Subordinated Note due 2013  Common Stock (B)	\$	918,000 432 shs.	08/31/0 08/31/0
Warrant, exercisable until 2013, to purchase		402 SIIS.	00/31/0
common stock at \$.01 per share (B)		46 shs.	08/31/0

#### TRONAIR, INC.

A designer, engineer and manufacturer of ground support equipment for the business, commuter and commercial

618 shs. 10/14/0

aviation markets.	ċ	4E1 204	01/20/0
10.5% Senior Secured Term Note due 2008 12% Senior Subordinated Note due 2010	\$ \$	451,394 758,100	01/20/0 01/20/0
Common Stock (B)	-	129,960 shs.	01/20/0
Warrant, exercisable until 2010, to purchase common stock at \$1 per share (B)		148,912 shs.	01/20/0
COMMON SCOCK at 41 per Share (b)		140, 512 5115.	01/20/0
TRUCK BODIES & EQUIPMENT INTERNATIONAL			
A designer and manufacturer of accessories for heavy and medium duty trucks, primarily dump bodies, hoists,			
various forms of flat-bed bodies, landscape bodies and			
other accessories.	ć	1 222 600	
12% Senior Subordinated Note due 2013  Common Stock (B)	\$	1,222,698 393 shs.	
Warrant, exercisable until 2013, to purchase		333 6.1.3.	
common stock at \$.01 per share (B)		81 shs.	
TRUSTILE DOORS, INC.			
A manufacturer and distributor of interior doors.		5.60 500	0.4.41.40
12.5% Senior Subordinated Note due 2010 Warrant, exercisable until 2010, to purchase	\$	562,500	04/11/0
common stock at \$.01 per share (B)		3,060 shs.	04/11/0
TUBULAR TEXTILE MACHINERY A designer, manufacturer, sale and servicer of finishing machinery for the knit and woven segments of the global textile industry.  12% Senior Subordinated Note due 2014	\$	705,457	05/28/0
8.75% Senior Secured Note due 2011	\$	409,310	05/28/0
Common Stock (B) Warrant, exercisable until 2012, to purchase		385,233 shs.	05/28/0
common stock at \$.01 per share (B)		116,521 shs.	05/28/0
*07/19/05 and 12/22/05.			
CONSOLIDATED SCHEDULE OF INVESTMENTS(CONT.) MASSMUTUAL PARTICIPATION	IN	VESTORS	
Contombon 20, 2006			
September 30, 2006 (Unaudited)			
	S	hares, Units,	
		Warrants, Ownership or	Acquisit
CORPORATE RESTRICTED SECURITIES (A) (Continued)	Pr	incipal Amount	Date
U S S HOLDINGS, INC.			
A producer of high grade industrial and specialty silica sands.			
14% Redeemable Preferred Stock (B)		499 shs.	09/30/9

22			
*12/19/96 and 09/30/99.			
TOTAL PRIVATE PLACEMENT INVESTMENTS			
common stock at \$.01 per share (B)		2,133 shs.	07/12/0
Limited Partnership Interest (B) Warrant, exercisable until 2014, to purchase		0.20% int.	07/12/0
14% Senior Subordinated Note due 2012	\$	574,613	07/12/0
WALLS INDUSTRIES, INC. A provider of branded workwear and sporting goods apparel. 10% Senior Subordinated Lien Note due 2009	\$	444,079	07/12/0
Limited Partnership Interest Class A (B) Limited Partnership Interest Class B (B)		0.93% int. 0.41% int.	07/19/0 07/19/0
A manufacturer of specialty packaging, primarily envelopes and tags used on tea bags 12.5% Senior Subordinated Note due 2012	\$	•	07/19/0
VITEX PACKAGING GROUP, INC.			
common stock at \$.01 per share (B)		12,593 shs.	09/24/0
Common Stock (B) Warrant, exercisable until 2011, to purchase		12,585 shs.	09/24/0
on the foodservice industry. 13% Senior Subordinated Note due 2011	\$	•	09/24/0
VITALITY FOODSERVICE, INC. A non-carbonated beverage dispensing company focused			
An acquirer of controlling or substantial interests in other entities.  Series A Preferred Units (B)		0.04% int.	12/02/9
VICTORY VENTURES LLC			
common stock at \$.01 per share (B)		122 shs.	04/30/0
Common Stock (B) Warrant, exercisable until 2012, to purchase		96 shs.	04/30/0
U-LINE CORPORATION A manufacturer of high-end, built-in, undercounter ice making, wine storage and refrigeration appliances. 12.5% Senior Subordinated Note due 2012	Ş	996,500	04/30/0
common stock at \$.01 per share (B)		2,459 shs.	
Common Stock (B) Warrants, exercisable until 2010, to purchase		10,013 shs.	09/30/9
Convertible Preferred Stock Series A and B, convertible into common stock at \$9.26 per share (B)		72,720 shs.	12/19/9

CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTICIPATION INVESTORS

September 30, 2006 (Unaudited)

CORPORATE RESTRICTED SECURITIES (A) (Continued)	Interest Rate	Due Date	Shares or Principal Amount	C
RULE 144A SECURITIES - 5.12%: (A)				
DOVIDO F 100				
BONDS - 5.12%  A E S Corporation	8.750%	05/15/13	\$ 425,000	\$
A E S Corporation  A E S Corporation	9.000	05/15/15	175,000	Ą
Basic Energy Services	7.125	04/15/16	625,000	
Bombardier, Inc.	6.300	05/01/14	500,000	
Charter Communications Op LLC	8.000	04/30/12	250,000	
Douglas Dynamics LLC	7.750	01/15/12	325,000	
Edison Mission Energy	7.750	06/15/16	235,000	
G F S I, Inc.	11.000	06/01/11	375,000	
Interactive Health LLC	7.250	04/01/11	484,000	
Packaging Dynamics Corporation of Ameri	10.000	05/01/11	850,000	
Petrohawk Energy Corporation	9.125	07/15/13	500,000	
Service Corporation International (C)	8.000	06/15/17	500,000	
Stewart & Stevenson LLC	10.000	07/15/14	600,000	
T C W Leveraged Income Trust LP	8.410	11/30/06	437,144	
Tenaska Alabama Partners LP	7.000	06/30/21	180,789	
Tunica-Biloxi Gaming Authority	9.000	11/15/15	500,000	
TOTAL BONDS				6,
WARRANTS - 0.00%				
Winsloew Furniture, Inc. (B)			700	\$
TOTAL WARRANTS				
TOTAL RULE 144A SECURITIES				6,
TOTAL CORPORATE RESTRICTED SECURITIES				 \$ 98,
TOTAL CONTONATE RESTRICTED SECONTITES				

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTICIPATION INVESTORS

CORPORATE PUBLIC SECURITIES 25.91%:(A)	Interest Rate 	Due Date	Principal Amount	
BONDS - 25.23% Abitibi-Consolidated, Inc.	7.750%	06/15/11	\$ 500,000	Ś

Allied Waste NA	7.875	04/15/13	500,000
Appleton Papers, Inc.	8.125	06/15/11	250 <b>,</b> 000
Argo Tech Corporation	9.250	06/01/11	425,000
Arrow Electronics, Inc.	7.000	01/15/07	500,000
Atlas Pipeline Partners	8.125	12/15/15	600,000
BCP Crystal US Holdings Corporation	9.625	06/15/14	355 <b>,</b> 000
Blockbuster, Inc. (C)	9.000	09/01/12	275 <b>,</b> 000
Cablevision Systems Corporation	8.000	04/15/12	500,000
Cadmus Communications Corporation	8.375	06/15/14	500,000
Chemed Corporation	8.750	02/24/11	600,000
Chesapeake Energy Corporation	7.000	08/15/14	650,000
Cincinnati Bell, Inc.	8.375	01/15/14	550,000
Clayton Williams Energy, Inc.	7.750	08/01/13	575 <b>,</b> 000
Del Monte Corporation	8.625	12/15/12	200,000
Dollar Financial Group	9.750	11/15/11	241,000
Dominos Pizza, Inc.	8.250	07/01/11	109,000
Dynegy Holdings, Inc.	8.375	05/01/16	665,000
Electronic Data Systems Corporation	7.125	10/15/09	500,000
Esterline Technologies	7.750	06/15/13	175,000
Exco Resources, Inc.	7.250	01/15/11	500,000
Ford Motor Credit Co.	7.375	10/28/09	750,000
Gencorp, Inc.	9.500	08/15/13	130,000
General Motors Acceptance Corporation	5.850	01/14/09	750 <b>,</b> 000
Goodyear Tire & Rubber Co.	7.857	08/15/11	350,000
Goodyear Tire & Rubber Co.	9.000	07/01/15	100,000
GulfMark Offshore, Inc.	7.750	07/15/14	300,000
Houghton Mifflin Co.	9.875	02/01/13	500,000
Imax Corporation	9.625	12/01/10	500,000
Inergy LP	8.250	03/01/16	75 <b>,</b> 000
Intelsat Subsidiary Holding Company Ltd.	9.614	01/15/12	475,000
Interline Brands, Inc.	8.125	06/15/14	150,000
Intrawest Corporation	7.500	10/15/13	250,000
Iron Mountain, Inc.	8.750	07/15/18	500,000
K 2, Inc.	7.375	07/01/14	150,000
Koppers Inc.	9.875	10/15/13	170,000
Lazard LLC	7.125	05/15/15	375,000
Leucadia National Corporation	7.000	08/15/13	350,000
Liberty Media Corporation	5.700	05/15/13	500,000
Lodgenet Entertainment Corporation	9.500	06/15/13	375,000
Lyondell Chemical Co.	9.500	12/15/08	265,000
M G M Mirage, Inc.	6.000	10/01/09	225,000
Mac-Gray Corporation	7.625	08/15/15	300,000
Majestic Star Casino LLC	9.500	10/15/10	250,000
Manitowoc Company, Inc.	7.125	11/01/13	100,000
Markwest Energy Operating Co.	6.875	11/01/14	550,000
Mediacom LLC	9.500	01/15/13	750,000
Metaldyne Corporation (C)	10.000	11/01/13	340,000
N R G Energy, Inc.	7.375	02/01/16	600,000
Nalco Co.	7.750	11/15/11	250,000
		,,	

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTICIPATION INVESTORS

DRPORATE PUBLIC SECURITIES (A) (Continued)	Rate	Date	Amount	Q
	Interest	Due	Principal	

BONDS, CONTINUED			
National Wine & Spirits, Inc.	10.125%	01/15/09	\$ 25,000
Neiman Marcus Group, Inc.	10.375	10/15/15	600,000
Nextel Communications, Inc.	7.375	08/01/15	400,000
North American Energy Partners	8.750	12/01/11	200,000
Nova Chemicals Corporation (C)	8.405	11/15/13	215,000
NTL Cable PLC	9.125	08/15/16	690,000
O E D Corp/Diamond Jo Company Guarantee	8.750	04/15/12	500,000
Offshore Logistics, Inc.	6.125	06/15/13	350,000
P Q Corporation	7.500	02/15/13	685,000
Pacific Energy Partners	7.125	06/15/14	250,000
Pacific Energy Partners	6.250	09/15/15	100,000
Pinnacle Foods Group	8.250	12/01/13	225,000
Pliant Corporation	11.850	06/15/09	643,130
Primedia, Inc.	8.000	05/15/13	500,000
Quicksilver Resources, Inc	7.125	04/01/16	600,000
Rent-A-Center, Inc.	7.500	05/01/10	250,000
Rent-Way, Inc.	11.875	06/15/10	450,000
Rock-Tenn Co.	8.200	08/15/11	500,000
Rogers Wireless, Inc.	7.250	12/15/12	90,000
Rogers Wireless, Inc.	7.500	03/15/15	560,000
Rogers Wireless, Inc.	8.000	12/15/12	90,000
Samsonite Corporation	8.875	06/01/11	500,000
Sheridan Acquisition Corporation	10.250	08/15/11	225,000
Sierra Pacific Resources	6.750	08/15/17	330,000
Sungard Data Systems	9.125	08/15/13	75 <b>,</b> 000
Tekni-Plex, Inc.	12.750	06/15/10	500,000
Telex Communications, Inc.	11.500	10/15/08	250,000
Tenet Healthcare Corporation	6.375	12/01/11	250,000
Tenet Healthcare Corporation	9.875	07/01/14	350,000
Tenneco, Inc.	8.625	11/15/14	500,000
Texas Industries, Inc.	7.250	07/15/13	35 <b>,</b> 000
Triton P C S, Inc.	8.500	06/01/13	500,000
Tyco International Group SA	6.375	10/15/11	150,000
Unisys Corporation	8.000	10/15/12	90,000
United Components, Inc.	9.375	06/15/13	535,000
United Rentals, Inc.	7.750	11/15/13	325,000
Universal City Florida	8.375	05/01/10	100,000
Universal City Florida (C)	10.239	05/01/10	100,000
Vought Aircraft Industries	8.000	07/15/11	650,000
Warner Music Group	7.375	04/15/14	125,000
Wornick Co.	10.875	07/15/11	350,000

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTICIPATION INVESTORS

September 30, 2006 (Unaudited)

TOTAL BONDS

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

33,

COMMON STOCK - 0.04%  Bare Escentuals, Inc. (B)  Distributed Energy Systems Corporation			200 14,000	\$
TOTAL COMMON STOCK				
CONVERTIBLE BONDS - 0.64% Citadel Broadcasting Corporation ICOS Corporation Q L T, Inc.	1.875% 2.000 3.000	02/15/11 07/01/23 09/15/23	375,000	\$
TOTAL CONVERTIBLE BONDS				
TOTAL CORPORATE PUBLIC SECURITIES				\$ 34, 
SHORT-TERM SECURITIES:	Interest Rate/Yield	Due Date	Principal Amount	С
SHORT-TERM SECURITIES:  COMMERCIAL PAPER - 6.48%			-	C 
		Date 	Amount	\$ 2, 2, 1,
COMMERCIAL PAPER - 6.48% ConocoPhillips Detroit Edison Co. Detroit Edison Co.	Rate/Yield  5.320% 5.300 5.310	Date  10/02/06 10/02/06 10/03/06	Amount  \$ 2,669,000 2,223,000 2,000,000	2,
COMMERCIAL PAPER - 6.48% ConocoPhillips Detroit Edison Co. Detroit Edison Co. Kraft Foods, Inc.	Rate/Yield  5.320% 5.300 5.310	Date  10/02/06 10/02/06 10/03/06	Amount  \$ 2,669,000 2,223,000 2,000,000	2, 1, 1,  \$ 8,  \$141,
COMMERCIAL PAPER - 6.48% ConocoPhillips Detroit Edison Co. Detroit Edison Co. Kraft Foods, Inc.  TOTAL SHORT-TERM SECURITIES	Rate/Yield  5.320% 5.300 5.310 5.330	Date  10/02/06 10/02/06 10/03/06	Amount  \$ 2,669,000 2,223,000 2,000,000	2, 1, 1,  \$ 8,

<sup>(</sup>A) In each of the convertible note, warrant, convertible preferred and common stock investments, to provide certain registration rights.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT.) MASSMUTUAL PARTICIPATION INVESTORS

DUSTRY CLASSIFICATION: Fair Value/		
AEROSPACE - 3.11%		BUILDINGS & REAL ESTATE -
Argo Tech Corporation	\$ 442,000	Adorn, Inc.
Consolidated Foundries Holdings	1,407,945	Texas Industries, Inc.

<sup>(</sup>B) Non-income producing security.

<sup>(</sup>C) Variable rate security; rate indicated is as of 09/30/06.

<sup>(</sup>D) Defaulted security; interest not accrued.

Esterline Technologies	176,750	TruStile Doors, Inc.
Gencorp, Inc.	135,200	, , , , , , , , , , , , , , , , , , , ,
P A S Holdco LLC	1,371,829	
Vought Aircraft Industries	596,375	
		CHEMICAL, PLASTICS
	4,130,099	& RUBBER - 1.50%
		BCP Crystal US Holding Cor
AUTOMOBILE - 10.25%		Capital Specialty Plastics
Ford Motor Credit Co.	728,853	Koppers, Inc.
Fuel Systems Holding Corporation	1,343,643	Lyondell Chemical Co.
General Motors Acceptance Corporation	735,343	Nalco Co.
Goodyear Tire & Rubber Co.	441,875	Nova Chemicals Corporation
Jason, Inc.	1,052,564	P Q Corporation
LIH Investors, L.P.	2,156,913	
Metaldyne Corporation	343,400	
Nyloncraft, Inc.	1,423,432	
Ontario Drive & Gear Ltd.	1,323,483	CONSUMER PRODUCTS - 7.53%
Qualis Automotive LLC	1,679,119	Augusta Sportswear Holding
Tenneco, Inc.	493,750	Bravo Sports Holding Corpo
Transtar Holding Company	1,354,302	Euro-Pro Corporation
United Components, Inc.	529,650	G F S I, Inc.
		K N B Holdings Corporation
	13,606,327	Momentum Holding Co.
		Neff Motivation, Inc.
BEVERAGE, DRUG & FOOD - 3.84%		Royal Baths Manufacturing
Beta Brands Ltd.		The Tranzonic Companies
Cains Foods, L.P.	71,629	Walls Industries, Inc.
Del Monte Corporation	209,750	Winsloew Furniture, Inc.
Dominos Pizza, Inc.	114,450	
Eagle Pack Pet Foods, Inc.	845,656	
National Wine & Spirits, Inc.	25,250	
Nonni's Food Company	1,177,789	CONTAINERS, PACKAGING
Pinnacle Foods Group	225,281	& GLASS - 5.49%
River Ranch Fresh Foods LLC	780,000	Flutes, Inc.
Specialty Foods Group, Inc.		Maverick Acquisition Compa
Vitality Foodservice, Inc.	1,301,123	P I I Holding Corporation
Wornick Co.	348,250	Packaging Dynamics Corpora
		Paradigm Packaging, Inc.
	5,099,178	Pliant Corporation
		Tekni-Plex, Inc.
BROADCASTING & ENTERTAINMENT - 1.99%		Vitex Packaging, Inc.
Cablevision Systems Corporation	506 <b>,</b> 250	
Charter Communications Op LLC	251 <b>,</b> 875	
Citadel Broadcasting Corporation	244,125	
Liberty Media Corporation	471,811	
Lodgenet Entertainment Corporation	401,250	
Mediacom LLC	766,875	
11041400/// 1110		
	2,642,186	

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