

MASSMUTUAL CORPORATE INVESTORS

Form N-30D

June 24, 2004

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MassMutual

CORPORATE
INVESTORS

REPORT for the THREE
MONTHS ENDED 3/31/04

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MASSMUTUAL CORPORATE INVESTORS
c/o David L. Babson & Company Inc.
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INVESTMENT OBJECTIVE AND POLICY

MassMutual Corporate Investors (the "Trust"), a closed-end investment company, was offered to the public in September 1971 and its shares are listed on the New York Stock Exchange. The share price of Corporate Investors can be found in the financial section of most newspapers as "MassCp" or "MassMuInv" under the New York Stock Exchange listings. The Trust's New York Stock Exchange trading symbol is "MCI".

The Trust's investment objective is to maintain a portfolio of securities providing a fixed yield and at the same time offering an opportunity for capital gains. The Trust's principal investments are privately placed, below-investment grade, long-term corporate debt obligations with equity features such as warrants, conversion rights, or other equity features and, occasionally, preferred stocks. The Trust typically purchases these investments, which are not publicly tradable, directly from their issuers, which tend to be smaller companies. In addition, the Trust may temporarily invest, subject to certain limitations, in marketable investment grade debt securities, other marketable debt securities (including high yield securities) and marketable common stocks.

David L. Babson & Company Inc. 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 quarterly in January, May, August, and November. The Trust pays dividends to its shareholders in cash, unless the shareholder elects to participate in the Dividend Reinvestment and Share Purchase Plan.

PROXY VOTING POLICIES & PROCEDURES

A copy of MassMutual Corporate Investors' Proxy Voting policy and procedures used to determine how to vote proxies relating to portfolio securities is available (1) without charge, upon request, by calling, toll-free, 866-399-1516; (2) on MassMutual Corporate Investors' website: www.massmutual.com/mci; and (3) on the U.S. Securities and Exchange Commission website at <http://www.sec.gov>.

TO OUR SHAREHOLDERS

April 30, 2004

We are pleased to present the March 31, 2004 Quarterly Report of MassMutual Corporate Investors (the "Trust"). At the Trust's Annual Shareholder Meeting, which was held on April 30, 2004, shareholders re-elected Donald E. Benson, Donald Glickman and Robert E. Joyal as Trustees, each for a three-year term. The shareholders also approved the continuance of the Investment Services Contract between the Trust and David L. Babson & Company Inc. ("Babson").

The Board of Trustees declared an increase in the quarterly dividend to 41 cents per share, payable on May 17, 2004 to shareholders of record on May 7, 2004. A quarterly dividend of 36 cents per share was paid in the previous quarter.

U.S. equity markets, as measured by several broad market indices, were mixed. During the quarter ended March 31, 2004, large stocks, as approximated by the Dow Jones Industrial Average, decreased 0.43%. On the other hand, smaller stocks, as approximated by the Russell 2000 Index, increased 6.26%. A large part of this return on the Russell 2000 Index was earned in the month of January (4.34%) with more modest returns posted in February and March (0.90% and 0.93%, respectively). U.S. fixed income markets, as measured by selected indices, posted positive returns for the quarter. The Lehman Brothers Government/Credit Index and the Lehman Brothers U.S. Corporate High Yield Index increased 3.08% and 2.34%, respectively, for the quarter.

During the quarter ended March 31, 2004, net assets of the Trust increased to \$202,618,278 or \$22.74 per share compared to \$193,786,114 or \$21.84 per share on

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December 31, 2003, which translates into a 4.12% return for the quarter, based on change in net assets with reinvestment of dividends. Long term, the Trust's portfolio had average annualized returns of 21.47%, 10.78%, 14.20% and 14.65% for the 1-, 5-, 10- and 25- year time periods ended March 31, 2004, respectively, based on change in net assets with reinvestment of dividends. The Trust earned 42 cents per share of net investment income for the quarter, compared to 44 cents per share in the previous quarter.

During the quarter, the Trust made private placement investments in four new issuers and closed two "follow-on" investments, totaling approximately \$8.9 million. The follow-on investments purchased by the Trust were in securities of Colibri Holdings Corp. and Dwyer Group, Inc. The four new issuers the Trust invested in were American Hospice Management, Kele and Associates, Inc., Nonni's Food Company and Roto-Rooter, Inc. The weighted average coupon of these investments was 12.1%. (A brief description of these investments can be found in the Schedule of Investments.)

Thank you for your continued interest in and support of MassMutual Corporate Investors.

Sincerely,

/s/ Roger W. Crandall

Roger W. Crandall
President

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CONSOLIDATED STATEMENT OF
ASSETS AND LIABILITIES

MASSMUTUAL CORPORATE INVESTORS

March 31, 2004
(Unaudited)

ASSETS:

Investments	
(See Consolidated Schedule of Investments)	
Corporate restricted securities at fair value	
(Cost - \$196,270,900)	\$179,322,217
Corporate public securities at market value	
(Cost - \$29,266,471)	30,234,024
Short-term securities at cost plus earned discount	
which approximates market value	8,579,592

	218,135,833
Cash	1,396,480
Interest and dividends receivable	4,774,323
Receivable for investments sold	2,319,973

TOTAL ASSETS	\$226,626,609
	=====

LIABILITIES:

Payable for investments purchased	\$ 2,781,142
Management fee payable	762,679
Note payable	20,000,000

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Interest payable	187,711
Accrued expenses	130,641
Accrued taxes payable	146,158

TOTAL LIABILITIES	24,008,331
	=====
NET ASSETS:	
Common shares, par value \$1.00 per share; an unlimited number authorized	8,910,216
Additional paid-in capital	102,590,695
Retained net realized gain on investments, prior years	100,547,585
Undistributed net investment income	5,136,793
Undistributed net realized gain on investments	1,414,119
Net unrealized depreciation of investments	(15,981,130)

TOTAL NET ASSETS	202,618,278
	=====
TOTAL LIABILITIES AND NET ASSETS	\$226,626,609
	=====
COMMON SHARES ISSUED AND OUTSTANDING	8,910,216
	=====
NET ASSET VALUE PER SHARE	\$ 22.74
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SEE NOTES TO CONSOLIDATED FINANCIAL STATEMENTS.

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CONSOLIDATED STATEMENT OF OPERATIONS
For the three months ended March 31, 2004
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

INVESTMENT INCOME:	
Interest	\$ 4,947,877
Dividends	97,350

TOTAL INVESTMENT INCOME	5,045,227

EXPENSES:

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Management fees	762,678
Trustees' fees and expenses	29,000
Transfer agent/registrar's expenses	12,000
Interest	378,849
Reports to shareholders	30,000
Audit and legal	54,600
Other	14,000

TOTAL EXPENSES	1,281,127

NET INVESTMENT INCOME (\$0.42 PER SHARE)	3,764,100

NET REALIZED AND UNREALIZED GAIN ON INVESTMENTS:	
Net realized gain on investments	2,079,277
Net change in unrealized depreciation of investments	2,153,127

NET GAIN ON INVESTMENTS	4,232,404

NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS	\$ 7,996,504
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SEE NOTES TO CONSOLIDATED FINANCIAL STATEMENTS.

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CONSOLIDATED STATEMENT OF CASH FLOWS
For the three months ended March 31, 2004
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

NET DECREASE IN CASH:	
Cash flows from operating activities:	
Interest and dividends received	\$ 3,222,235
Interest expenses paid	(378,849)
Operating expenses paid	(933,913)
Income taxes paid	(1,631,311)

NET CASH PROVIDED BY OPERATING ACTIVITIES	278,162

Cash flows from investing activities:	
Purchases/Proceeds/Maturities from short-term portfolio securities, net	(2,302,913)
Purchase of portfolio securities	(17,962,986)
Proceeds from disposition of portfolio securities	18,242,439

NET CASH USED FOR INVESTING ACTIVITIES	(2,023,460)

NET CASH USED FOR OPERATING AND INVESTING ACTIVITIES	(1,745,298)

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Cash flows from financing activities:	
Increase in receipts for shares issued on reinvestment of dividends	835,660
Cash dividends paid from net investment income	(6,743,323)

NET CASH USED FOR FINANCING ACTIVITIES	(5,907,663)

NET DECREASE IN CASH	(7,652,961)
Cash - beginning of year	9,049,441

CASH - END OF PERIOD	\$ 1,396,480
=====	

RECONCILIATION OF NET INCREASE IN NET ASSETS TO NET CASH USED FOR OPERATING AND INVESTING ACTIVITIES:

NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS	\$ 7,996,504

Increase in investments	(10,852,310)
Increase in interest and dividends receivable	(1,498,156)
Decrease in receivable for investments sold	1,484,123
Increase in payable for investments purchased	2,781,142
Increase in management fee payable	33,246
Decrease in accrued expenses	(58,536)
Decrease in accrued taxes payable	(1,631,311)

TOTAL ADJUSTMENTS TO NET ASSETS FROM OPERATIONS	(9,741,802)

NET CASH USED FOR OPERATING AND INVESTING ACTIVITIES	\$ (1,745,298)
=====	

SEE NOTES TO CONSOLIDATED FINANCIAL STATEMENTS.

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CONSOLIDATED STATEMENTS OF MASSMUTUAL CORPORATE INVESTORS
 CHANGES IN NET ASSETS
 For the three months ended March 31, 2004 and the year ended December 31, 2003

	For the three months ended 03/31/2004 (Unaudited)	For the year ended 12/31/2003
	-----	-----
INCREASE IN NET ASSETS:		

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OPERATIONS:		
Net investment income	\$ 3,764,100	\$ 12,804,578
Net realized gain on investments	2,079,277	4,989,717
Net change in unrealized depreciation of investments	2,153,127	20,089,741
	-----	-----
Net increase in net assets resulting from operations	7,996,504	37,884,036
Net increase in shares of beneficial interest transactions	835,660	1,167,125
Dividends to shareholders from:		
Net investment income (2003 - \$1.84 per share)	--	(16,293,478)
	-----	-----
TOTAL INCREASE IN NET ASSETS	8,832,164	22,757,683
NET ASSETS, BEGINNING OF YEAR		
	193,786,114	171,028,431
	-----	-----
NET ASSETS, END OF PERIOD/YEAR (INCLUDING UNDISTRIBUTED NET INVESTMENT INCOME IN 2004 - \$5,136,793; 2003 - \$1,372,693)		
	\$202,618,278	\$193,786,114
	=====	=====

SEE NOTES TO CONSOLIDATED FINANCIAL STATEMENTS.

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CONSOLIDATED SELECTED FINANCIAL HIGHLIGHTS MASSMUTUAL CORPORATE INVESTORS

Selected data for each share of beneficial interest outstanding:

	For the three months ended 03/31/2004 (Unaudited)	For the years ended December		
		2003	2002	2001
	-----	-----	-----	-----
Net asset value:				
Beginning of year	\$ 21.84	\$ 19.40	\$ 20.07	\$ 20.74
	-----	-----	-----	-----
Net investment income	0.42	1.44	1.53	1.70
Net realized and unrealized gain (loss) on investments	0.48	2.83	(0.59)	(0.53)
	-----	-----	-----	-----
Total from investment operations	0.90	4.27	0.94	1.17
	-----	-----	-----	-----
Dividends from net investment income to common shareholders	0.00	(1.84)	(1.44)	(1.79)
Distributions from net realized gain on investments to common shareholders	0.00	0.00	(0.18)	(0.09)

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Change from issuance of shares	0.00	0.01	0.01	0.04	
	-----	-----	-----	-----	-----
Total distributions	0.00	(1.83)	(1.61)	(1.84)	
	-----	-----	-----	-----	-----
Net asset value:					
End of period/year	\$ 22.74	\$ 21.84	\$ 19.40	\$ 20.07	\$
	-----	-----	-----	-----	-----
Per share market value:					
End of period/year	\$ 24.00	\$ 22.90	\$ 19.49	\$ 20.70	\$
	-----	-----	-----	-----	-----
Total investment return					
Market value	4.80%*	27.53%	1.35%	1.88%	
Net asset value	4.12%*	22.61%	4.80%	5.91%	
Net assets (in millions):					
End of period/year	\$ 202.62	\$ 193.79	\$ 171.03	\$ 175.11	\$
	-----	-----	-----	-----	-----
Ratio of operating expenses to average net assets	0.46%*	2.04%	1.82%	1.72%	
Ratio of interest expense to average net assets	0.19%*	0.82%	0.86%	0.84%	
Ratio of total expenses to average net assets	0.65%*	2.86%	2.68%	2.56%	
Ratio of net investment income to average net assets	1.90%*	6.95%	7.65%	8.20%	
Portfolio turnover	8.23%*	56.10%	34.02%	24.48%	

*Percentages represent results for the period and are not annualized.

SEE NOTES TO CONSOLIDATED FINANCIAL STATEMENTS.

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CONSOLIDATED SCHEDULE OF INVESTMENTS

MASSMUTUAL CORPORATE INVESTORS

March 31, 2004

(Unaudited)

	Shares, Units, Warrants, Ownership or Principal Amount	Acquisition Date	
	-----	-----	-----
CORPORATE RESTRICTED SECURITIES - 88.50% (A)			
PRIVATE PLACEMENT INVESTMENTS - 76.79%			
ADORN, INC.			
A manufacturer of wall panels, cabinets, moldings and countertops for houses and recreational vehicles.			
12.5% Subordinated Note due 2010	\$ 2,125,000	02/29/00	\$ 1,
Warrant, exercisable until 2010, to purchase common stock at \$.02 per share (B)	364 shs.	02/29/00	

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America's Body Company, Inc./LCP Holding Co.				
A designer and manufacturer of commercial work vehicles.				
12% Preferred Stock Series C(B)	\$ 395 shs.	12/16/03	1,	
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	58 shs.	*		
American Hospice Management				
A for-profit hospice care provider in the United States.				
12% Senior Subordinated Note due 2010	\$ 2,125,000	01/22/04	1,	
Preferred Class A Unit (B)	2,525 uts.	01/22/04		
Common Class B Unit (B)	3,042 uts.	01/22/04		
Ames True Temper Group				
A manufacturer and distributor of non-powered lawn and garden tools and accessories in North America.				
13% Senior Subordinated Note due 2010	\$ 1,888,889	01/14/02	1,	
10% Preferred Stock	161 shs.	**		
Class A Common Stock (B)	2,105 shs.	02/28/02		
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	5,018 shs.	01/14/02		
Beacon Medical Products, Inc.				
A designer, manufacturer and marketer of medical air and gas distribution systems.				
Senior Secured Tranche A Floating Rate Note due 2008	\$ 967,555	04/09/02		
12% Senior Secured Note due 2010	\$ 721,196	04/09/02		
Limited Partnership Interest of Riverside Capital Appreciation Fund IV, L.P (B)	1.12% int.	04/09/02		
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	1,390 shs.	04/09/02		
Beta Brands Ltd				
A manufacturer of hard candy and chocolate-coated products sold primarily to the Canadian market.				
5% Promissory Note due 2009 (B)	\$ 195,498	03/31/04		
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	4,895 shs.	03/31/04		

*11/02/98 and 12/16/03.

**02/28/02 and 11/15/02.

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March 31, 2004
(Unaudited)

CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)	Shares, Units, Warrants, Ownership or Principal Amount	Acquisition Date	C
	-----	-----	-----
BETTER MINERALS & AGGREGATES			
A producer of high grade industrial and specialty silica sands.			
14% Redeemable Preferred Stock	997 shs.	09/30/99	\$
Convertible Preferred Stock Series A and B, convertible into common stock at \$9.26 per share (B)	126,003 shs.	12/19/96	1,
Common Stock (B)	20,027 shs.	09/30/99	
Warrants, exercisable until 2005 and 2010, to purchase common stock at \$.01 per share (B)	11,399 shs.	*	----- 2, -----
C & M CONVEYOR, INC.			
A manufacturer and supplier of material handling systems to the corrugated sheet and container industry.			
9.5% Senior Secured Term Note due 2007	\$ 1,233,434	09/13/02	1,
11% Senior Subordinated Note due 2010	\$ 838,102	09/13/02	
Common Stock (B)	316,265 shs.	09/13/02	
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	137,175 shs.	09/13/02	----- 2, -----
CAINS FOODS, L.P			
A producer of mayonnaise and sauce products for both the retail and food service markets.			
8% Junior Subordinated Convertible Note due 2004, convertible into partnership points at \$1,388.89 per point	\$ 108,108	09/29/95	
Warrant, exercisable until 2006, to purchase partnership points at \$.01 per point (B)	39 pts.	09/29/95	----- -----
CAPEUCCESS LLC			
A provider of diversified staffing services.			
Preferred Membership Interests (B)	1,882 uts.	04/29/00	
Common Membership Interests (B)	24,318 uts.	04/29/00	----- -----
CAPITAL SPECIALTY PLASTICS, INC.			
A producer of desiccant strips used for packaging pharmaceuticals products.			
Common Stock (B)	109 shs.	**	-----
COEUR, INC.			
A producer of proprietary, disposable power			

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injection syringes.

8.75% Senior Secured Term Note due 2010	\$ 570,652	04/30/03
11.5% Senior Subordinated Note due 2011	\$ 424,819	04/30/03
Common Stock (B)	126,812 shs.	04/30/03
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	87,672 shs.	04/30/03

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*12/19/96 and 09/30/99.

**12/30/97 and 05/29/99.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)
March 31, 2004
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)	Shares, Units, Warrants, Ownership or Principal Amount	Acquisition Date	C
	-----	-----	-----

COINING CORPORATION OF AMERICA LLC

A manufacturer of close tolerance parts and metal stampings.

Senior Secured Floating Rate Revolving Credit Facility due 2006	\$ 162,037	01/07/02	\$
Senior Secured Floating Rate Tranche A Note due 2007	\$ 1,047,840	06/26/01	1,
12% Senior Secured Tranche B Note due 2008	\$ 648,148	06/26/01	
Limited Partnership Interest (B)	6.38% int.	06/26/01	
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	107,036 shs.	06/26/01	

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COLIBRI HOLDINGS CORPORATION

A manufacturer and distributor of wild bird feeders and accessories.

12.5% Senior Subordinated Note due 2008	\$ 1,593,750	09/22/00	1,
28% Preferred Stock	71 shs.	11/02/01	
20% Preferred Stock	66,406 shs.	03/09/04	
Common Stock (B)	1,429 shs.	09/22/00	
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	843 shs.	09/22/00	

2,

CORVEST GROUP, INC.

A manufacturer and distributor of promotional products.

12% Senior Subordinated Note due 2007 (B)	\$ 3,863,636	*	3,
Common Stock (B)	56 shs.	*	
Limited Partnership Interest (B)	19.32% int.	*	
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	183 shs.	*	

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DELSTAR HOLDING CORPORATION

A manufacturer of plastic netting for a wide variety of industries.

Convertible Preferred Stock, convertible into common stock at \$12.16 per share (B)	3,514 shs.	10/05/01	
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DEXTER MAGNETICS TECHNOLOGIES, INC.

A designer, fabricator, assembler, and distributor of industrial magnets and subassemblies in North America and Europe.

12% Senior Subordinated Note due 2006	\$ 1,231,884	07/19/01	1,
Common Stock (B)	585 shs.	07/19/01	
Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B)	297 shs.	07/19/01	

*03/05/99 and 03/24/99.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)
March 31, 2004
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)	Shares, Units, Warrants, Ownership or Principal Amount	Acquisition Date	C
	-----	-----	-----
DHD HEALTHCARE, INC.			
A designer, manufacturer and distributor of plastic, noninvasive medical devices used for respiratory care.			
Senior Secured Floating Rate Tranche A Note due 2008	\$ 943,358	02/08/01	\$
12% Senior Secured Tranche B Note due 2009	\$ 451,173	02/08/01	
Limited Partnership Interest of Riverside Capital Appreciation Fund III, L.P (B)	2.73% int.	02/08/01	
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	927 shs.	02/08/01	

DIRECTED ELECTRONICS, INC.

A designer and distributor of brand name automotive security systems, audio products and installation accessories.

12% Senior Subordinated Note due 2007	\$ 3,355,267	12/22/99	3,
8% Convertible Class B Subordinated Promissory Note due 2008	\$ 96,598	12/22/99	
Class B Common Stock (B)	26,097 shs.	12/22/99	
Limited Partnership Interest (B)	8.70% int.	12/22/99	
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	45,255 shs.	12/22/99	

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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)	27.19% int.	08/27/98	
Preferred Stock (B)	3,278 shs.	12/14/01	2,
Warrants, exercisable until 2011, to purchase common stock of DHI Holdings, Inc. at \$.01 per share (B)	13,352 shs.		*

DWYER GROUP, INC.

A franchiser of a variety of home repair services.

14% Senior Subordinated Note due 2011	\$ 1,859,375	10/30/03	1,
Common Stock (B)	6,906 shs.	**	
Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	2,034 shs.	10/30/03	

EAGLE WINDOW & DOOR HOLDING CO.

A manufacturer of wood and aluminum-clad wood windows and doors.

12% Senior Subordinated Note due 2010	\$ 1,900,000	05/06/02	1,
Common Stock (B)	225 shs.	05/06/02	
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	441 shs.	05/06/02	

*10/24/96 and 08/28/98.

**10/30/03 and 01/02/04.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)
March 31, 2004
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)	Shares, Units, Warrants, Ownership or Principal Amount	Acquisition Date	C
	-----	-----	-----
EAST RIVER VENTURES I, L.P. An acquirer of controlling or substantial interests in other entities. Limited Partnership Interest (B)	0.14% int.	01/01/01	\$

ENZYMATIC THERAPY, INC.

A manufacturer and distributor of branded natural medicines and nutritional supplements.

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13% Senior Subordinated Note due 2005 (B)	\$ 1,593,750	09/17/02	1,
Limited Partnership Interest (B)	1.32% int.	03/30/00	
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	478 shs.	03/30/00	

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	\$ 2,125,000	09/09/03	2,
Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	43,878 shs.	09/09/03	

EVANS CONSOLES, INC.

A designer and manufacturer of consoles and control center systems.

Senior Secured Tranche A Floating Rate Note due 2004	\$ 242,000	01/21/03	
Senior Secured Tranche A Floating Rate Note due 2006 (B)	\$ 974,300	03/02/98	
8.85% Senior Secured Tranche A Note due 2006 (B)	\$ 974,300	03/02/98	
11.75% Senior Secured Tranche B Note due 2006 (B)	\$ 700,000	03/02/98	
Senior Secured Floating Rate Revolving Credit Facility due 2006 (B)	\$ 984,242	03/02/98	
Convertible Preferred Stock, convertible on a one share for one share basis into non voting common stock (B)	293,071 shs.	01/21/03	
Limited Partnership Interest of CM Equity Partners (B)	2.24% int.	02/11/98	

EXAMINATION MANAGEMENT SERVICES, INC.

A national full-service evidence provider to the insurance industry and a provider of occupational health testing.

12% Senior Subordinated Note due 2007	\$ 2,109,637	03/16/99	2,
Limited Partnership Interest (B)	13.14% int.	03/02/99	2,
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	77,233 shs.	03/16/99	

FASTENERS FOR RETAIL, INC.

A designer and marketer of low-cost fasteners for point of purchase displays and signage in retail environments.

12.5% Senior Subordinated Note due 2007	\$ 3,650,000	12/22/99	3,
Class B Common Stock (B)	600 shs.	12/22/99	
Warrant, exercisable until 2007, to purchase common stock at \$.02 per share (B)	589 shs.	12/22/99	

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March 31, 2004
(Unaudited)

CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)	Shares, Units, Warrants, Ownership or Principal Amount -----	Acquisition Date -----	C -----
G C-SUN HOLDINGS, L.P			
A value-added national distributor of maintenance, repair and operating supplies such as fasteners, electrical components and tools.			
12% Senior Subordinated Note due 2008 (B)	\$ 1,725,000	03/02/00	\$ 1,
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	880 shs.	03/02/00	----- 1, -----
HAMILTON FUNERAL SERVICES CENTERS, INC.			
A privately held owner and operator of funeral homes in the United States.			
16.5% Senior Subordinated Note due 2007 (B)	\$ 3,802,712	*	3,
Warrant, exercisable until 2007, to purchase common stock at \$1 per share (B)	338,280 shs.	*	----- 3, -----
HIGHGATE CAPITAL LLC			
An acquirer of controlling or substantial interests in manufacturing and marketing entities.			
Series A Preferred Units (B)	1.19% int.	07/21/94	-----
HUSSEY SEATING CORPORATION			
A manufacturer of spectator seating products.			
Senior Secured Floating Rate Revolving Note due 2006	\$ 560,962	06/12/96	
Senior Secured Floating Rate Note due 2006	\$ 579,375	**	
12% Senior Subordinated Note due 2006	\$ 1,350,000	03/31/03	1,
Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B)	4,771 shs.	***	----- 2, -----
INTEGRATION TECHNOLOGY SYSTEMS, INC.			
A manufacturer of steel protective computer and network systems for the industrial and office environments.			
11% Senior Secured Note due 2007	\$ 1,284,011	06/01/00	1,
13% Senior Secured Note due 2007	\$ 261,838	02/28/03	
Common Stock (B)	228 shs.	06/01/00	----- 1, -----
JASON, INC.			
A diversified manufacturing company serving various industrial markets.			
13% Senior Subordinated Note due 2008	\$ 963,687	08/04/00	
14% Cumulative Redeemable Preferred Stock Series A(B)	289 shs.	08/04/00	
Limited Partnership Interests of Saw Mill Capital Fund II, L.P (B)	2.50% int.	08/03/00	

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Warrants, exercisable until 2008 and 2009, to purchase
common stock at \$.01 per share (B) 50,870 shs. 08/04/00

*01/25/99 and 07/16/99.
**06/12/96 and 08/03/01.
***06/12/96 and 01/19/00.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT) MASSMUTUAL CORPORATE INVESTORS
March 31, 2004
(Unaudited)

CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)	Shares, Units, Warrants, Ownership or Principal Amount	Acquisition Date	
	-----	-----	-----
KEEPSAKE QUILTING, INC.			
A seller of quilting fabrics, books, patterns, kits and notions to consumers.			
Senior Secured Floating Rate Revolving Note Due 2005	\$ 91,732	06/16/00	\$
Senior Secured Floating Rate Tranche A Note due 2007	\$ 889,800	06/16/00	
12% Senior Secured Tranche B Note due 2008	\$ 550,392	06/16/00	
Limited Partnership Interest of Riverside XVI Holding Company, L.P (B)	5.29% int.	06/12/00	
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	1,108 shs.	06/12/00	
			----- 1, -----
KELE AND ASSOCIATES, INC.			
A distributor of building automation control products.			
12% Senior Subordinated Note due 2012	\$ 1,831,548	02/27/04	1,
Preferred Stock Class A(B)	23 shs.	02/27/04	
Common Stock (B)	12 shs.	02/27/04	
Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)	11 shs.	02/27/04	
			----- 2, -----
KENAN-ADVANTAGE TRANSPORT COMPANY			
A transporter of light petroleum, petrochemicals, lubricants and residual fuels.			
12.5% Senior Subordinated Note due 2009	\$ 1,817,435	04/30/01	1,
Preferred Stock (B)	307 shs.	04/30/01	
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	269 shs.	04/30/01	
			----- 2, -----
LANCASTER LABORATORIES, INC.			
A laboratory testing operation in the United States.			
12% Senior Subordinated Note due 2007	\$ 1,669,643	09/25/00	1,

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Common Stock (B)	455,357 shs.	09/25/00	
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	405,485 shs.	09/25/00	

2,

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	\$ 3,845,000	*	3,
Common Stock (B)	5,800 shs.	*	
Warrant, exercisable until 2006, to purchase common stock at \$.11 per share (B)	15,572 shs.	*	

4,

MEDASSIST, INC.

A provider of patient eligibility and accounts receivable management services to hospitals and physician practices.

12% Senior Subordinated Note due 2011	\$ 2,125,000	05/01/03	2,
Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B)	83,214 shs.	05/01/03	

2,

* 12/23/98 and 01/28/99.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)
March 31, 2004
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

	Shares, Units, Warrants, Ownership or Principal Amount	Acquisition Date	
CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)	-----	-----	-----

MOSS, INC.

A manufacturer and distributor of large display and exhibit structures.

Senior Secured Floating Rate Revolving Note due 2005	\$ 33,182	09/21/00	\$
Senior Secured Floating Rate Tranche A Note due 2007	\$ 1,109,460	09/21/00	1,
12% Senior Secured Tranche B Note due 2008	\$ 420,250	09/21/00	
Limited Partnership Interest of Riverside Capital Appreciation Fund I, L.P (B)	7.47% int.	*	
Warrant, exercisable until 2008, to purchase common stock at \$100 per share (B)	463 shs.	09/21/00	

1,

MUSTANG VENTURES COMPANY

A natural gas gathering and processing operation located in Oklahoma and Texas.

11.5% Subordinated Note due 2011	\$ 566,667	12/11/02	
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8.5% Redeemable Preferred Stock	155,833 shs.	12/11/02	1,
Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)	18,425 shs.	12/11/02	2,
NEFF MOTIVATION, INC.			
A manufacturer and distributor of customized awards and sportswear to schools.			
12.5% Senior Subordinated Note due 2011	\$ 1,062,500	01/31/03	
Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	212 shs.	01/31/03	1,
NONNI'S FOOD COMPANY			
A producer and distributor of premium biscotti and bagel chips in North America.			
12.25% Senior Subordinated Note due 2012	\$ 1,863,462	03/29/04	1,
10% Preferred Stock	255 shs.	03/29/04	
Common Stock (B)	6,455 shs.	03/29/04	
Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)	8,622 shs.	03/29/04	2,
NPC, INC.			
A manufacturer of flexible connectors and equipment used in the installation of sewers and storm drain pipelines.			
Senior Secured Floating Rate Revolving Note due 2006	\$ 414,182	06/25/99	
Senior Secured Floating Rate Note due 2006	\$ 2,157,839	06/25/99	2,
12% Senior Secured Tranche B Note due 2007	\$ 978,814	06/25/99	
Limited Partnership Interest of Riverside IHII Holding Company L.P (B)	3.38% int.	06/11/99	
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	201 shs.	06/25/99	3,
*09/20/00 and 05/23/02.			

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)
March 31, 2004
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)	Shares, Units, Warrants, Ownership or Principal Amount	Acquisition Date	C
	-----	-----	-----
NYLONCRAFT, INC.			
A supplier of engineered plastic components for the automotive industry.			
9% Senior Secured Note due 2009	\$ 812,500	01/28/02	\$
11.5% Senior Subordinated Note due 2012	\$ 1,500,000	01/28/02	1,
Common Stock (B)	312,500 shs.	01/28/02	
Warrant, exercisable until 2012, to purchase common			

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stock at \$.01 per share (B) 243,223 shs. 01/28/02

2,

OLYMPIC SALES, INC.

An operator of boat dealerships in Washington state, Oregon, California and British Columbia.

12% Senior Subordinated Note due 2006	\$ 2,774,000	08/07/98	2,
12% Senior Subordinated Note due 2008	\$ 307,071	02/09/00	
Limited Partnership Interest of Riverside VIII, VIII-A and VIII-B Holding Company, L.P (B)	1,531,250 shs.	*	1,
Warrants, exercisable until 2007 and 2008, to purchase common stock at \$.01 per share (B)	28,648 shs.	**	

4,

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	\$ 2,125,000	12/19/00	1,
Membership Interests of MM/Lincap PPI Investments, Inc., LLC (B)	2.42% int.	12/21/00	

2,

PHARMACEUTICAL BUYERS, INC.

A group purchasing organization which specializes in arranging and negotiating contracts for the purchase of pharmaceutical goods and medical equipment.

10.5% Senior Secured Note due 2005	\$ 34,553	11/30/95	
10.5% Senior Secured Convertible Note due 2005, convertible into common stock at \$50,000 per share	\$ 195,000	11/30/95	
Common Stock	6 shs.	11/30/95	

P H I HOLDING COMPANY

A retailer of mid-priced gift items, home and garden decor, accessories and other similar consumer products.

12.5% Senior Subordinated Note due 2010	\$ 2,125,000	10/25/02	1,
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	351 shs.	10/25/02	

2,

*08/07/98, 02/23/99, 12/22/99 and 02/25/03.
**08/07/98 and 02/09/00.

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CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)	Shares, Units, Warrants, Ownership or Principal Amount	Acquisition Date	C
	-----	-----	-----
POLYMER TECHNOLOGIES, INC./POLI-TWINE WESTERN, INC. A manufacturer of polypropylene twine for the hay bailing marketplace.			
8% Senior Subordinated Note due 2010 (B)	\$ 743,750	09/27/02	\$
PRECISION DYNAMICS, INC. A manufacturer of custom-designed solenoid valves and controls.			
Senior Secured Floating Rate Revolving Credit Facility due 2004	\$ 733,500	07/22/96	
Senior Secured Floating Rate Term Note due 2004	\$ 1,051,350	07/22/96	1,
12% Senior Secured Term Note due 2004	\$ 3,260,000	07/22/96	
8% Preferred Stock (B)	374 shs.	07/22/96	
Common Stock (B)	599 shs.	07/22/96	
Warrant, exercisable until 2004, to purchase common stock at \$.01 per share (B)	322 shs.	07/22/96	
PROCESS CHEMYCALS LLC A specialty chemical company that manufactures processed chemicals for the fertilizer, asphalt and concrete industries.			
Common Membership Interests	9,863 uts	*	
PROGRESSIVE SOFTWARE HOLDING, INC. A designer and manufacturer of point-of-sale monitors and keyboards used by retailers and restaurants.			
Common Stock (B)	729,946 shs.	07/09/02	3,
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)	1,004 shs.	08/12/94	
Common Stock (B)	2,600 shs.	**	
PW EAGLE, INC. - O.T.C. An extruder of small and medium diameter plastic pipe and tubing in the United States.			
6% Senior Subordinated Note due 2007	\$ 3,574,133	09/16/99	3,
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	197,040 shs.	09/16/99	

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*07/31/97 and 01/04/99.
 **11/14/01 and 08/12/94.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT) MASSMUTUAL CORPORATE INVESTORS
 March 31, 2004
 (Unaudited)

CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)	Shares, Units, Warrants, Ownership or Principal Amount	Acquisition Date	C
	-----	-----	-----
ROTO-ROOTER, INC.			
An operator in the residential and commercial repair-and maintenance service industry through two wholly owned subsidiaries, Roto-Rooter and Service America.			
8.75% Senior Note due 2011	\$ 1,125,000	02/24/04	\$ 1,
Common Stock (B)	20,000 shs.	02/24/04	1,
			----- 2,
ROYAL BATHS MANUFACTURING COMPANY			
A manufacturer and distributor of acrylic and cultured marble bathroom products.			
12.5% Senior Subordinated Notes due 2011	\$ 1,062,500	11/14/03	
Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	140 shs.	11/14/03	
			----- 1,
SABEX 2002, INC.			
A Canadian specialty pharmaceutical company which manufactures and distributes generic injectable drugs and eye products.			
12% Senior Subordinated Note due 2009	\$ 2,125,000	04/19/02	2,
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	51,088 shs.	04/19/02	
			----- 2,
SAFETY SPEED CUT MANUFACTURING COMPANY, INC.			
A manufacturer of vertical panel saws and routers for the wood working industry.			
Senior Secured Floating Rate Revolving Note due 2006	\$ 282,663	05/01/03	
Senior Secured Floating Rate Tranche A Note due 2007	\$ 1,625,312	06/02/99	1,
12% Senior Secured Tranche B Note Due 2007	\$ 1,130,652	06/02/99	1,
Class B Common Stock (B)	1,480 shs.	06/02/99	
			----- 3,
SELIG ACQUISITION CORPORATION			
A manufacturer of container sealing materials for bottles used in consumer products.			

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12% Senior Subordinated Note due 2009	\$ 2,125,000	06/13/02	1,
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	2,011 shs.	06/13/02	2,

SHELTER ACQUISITION, INC.

A distributor of roofing supplies and products throughout the Midwest.

12.5% Senior Subordinated Note due 2008	\$ 1,517,857	08/01/02	1,
Common Stock (B)	758,929 shs.	*	
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	263,444 shs.	08/01/02	2,

*08/01/02 and 01/17/03.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)
March 31, 2004
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

	Shares, Units, Warrants, Ownership or Principal Amount	Acquisition Date	
CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)	-----	-----	-----

SNYDER INDUSTRIES, INC.

A manufacturer of proprietary rotationally molded polyethylene containers.

12.25% Senior Subordinated Note due 2007	\$ 3,125,000	12/06/99	\$ 2,
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	513 shs.	12/06/99	3,

SPECIALTY FOODS GROUP, INC.

A manufacturer and distributor of branded meat products.

Limited Partnership Interest of MHD Holdings LLC (B)	1.43% int.	08/29/00	
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STRATEGIC EQUIPMENT & Supply Corp., Inc.

A provider of kitchen and restaurant design, equipment fabrication and installation services.

12% Senior Subordinated Note due 2008	\$ 3,875,000	01/14/00	3,
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	106,539 shs.	01/14/00	4,

SYNVENTIVE EQUITY LLC

A manufacturer of hot runner systems used in the plastic injection molding process.

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12% Senior Subordinated Note due 2007	\$ 1,841,667	08/21/03	1,
Limited Partnership Interest (B)	0.61% int.	08/20/03	
Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	86,780 shs.	08/21/03	

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	\$ 2,712,000	02/05/98	2,
Common Stock (B)	630 shs.	02/04/98	
Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B)	444 shs.	02/05/98	

TIDEWATER HOLDINGS, INC.

An operator of a barge transportation line on the Columbia/Snake River system.

17% Preferred Stock (B)	560 shs.	12/23/02	
Convertible Preferred Stock, convertible into common stock at \$1,000 per share (B)	1,120 shs.	07/25/96	1,
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	474 shs.	07/25/96	

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)
March 31, 2004
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)	Shares, Units, Warrants, Ownership or Principal Amount	Acquisition Date	C
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TINNERMAN-PALNUT ENGINEERED COMPONENTS

A manufacturer of precision engineered metal and plastic fasteners and assembly components.

12.75% Senior Subordinated Note due 2008	\$ 1,875,000	12/06/01	\$
Class B Unit (B)	73,529 uts.	12/06/01	
Class C Unit (B)	128,033 uts.	12/06/01	

TOMAH HOLDINGS, INC.

A manufacturer of specialty chemicals.

16% Senior Subordinated Note due 2011 (B)	\$ 1,416,667	12/08/03	1,
16% Preferred Stock Series A (B)	37 shs.	12/08/03	
Common Stock	5,269 shs.	12/08/03	

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TRONAIR, INC.

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

10.5% Senior Secured Term Note due 2008	\$ 1,579,293	01/20/00	1,
12% Senior Subordinated Note due 2010	\$ 1,326,500	01/20/00	1,
Common Stock (B)	227,400 shs.	01/20/00	
Warrant, exercisable until 2010, to purchase common stock at \$1 per share (B)	260,563 shs.	01/20/00	

TRUSTILE DOORS, INC.

A manufacturer and distributor of interior doors.

12.5% Senior Subordinated Note due 2010	\$ 1,062,500	04/11/03	
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	5,781 shs.	04/11/03	

TVI, INC.

A retailer of used clothing in the United States, Canada and Australia.

15.971% Senior Subordinated Note due 2008	\$ 2,110,192	05/02/00	2,
Common Stock (B)	354,167 shs.	05/02/00	

U S M HOLDINGS CORP.

A provider of facility maintenance services to retail and corporate clients with multiple locations.

12% Senior Subordinated Note due 2011	\$ 1,789,474	08/06/03	1,
Preferred Stock (B)	3,345 shs.	08/06/03	
Common Stock (B)	1,032 shs.	08/06/03	
Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	949 shs.	08/06/03	

VICTORY VENTURES LLC

An acquirer of controlling or substantial interests in other entities.

Series A Preferred Units (B)	0.13% int.	12/02/96	
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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)
March 31, 2004
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)	Shares, Units, Warrants, Ownership or Principal Amount	Acquisition Date	C
	-----	-----	-----

VITEX PACKAGING, INC.

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

12% Senior Subordinated Note due 2008	\$ 2,045,265	12/18/00	\$ 1,
Limited Partnership Interest of Riverside VI Holding Company, L.P (B)	4.80% int.	*	
Limited Partnership Interest of Riverside Capital Appreciation Fund II L.P (B)	1.72% int.	12/18/00	
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	308 shs.	**	

2,

WASHINGTON INVENTORY SERVICES, INC.

A provider of physical inventory taking and other related services to retailers.

12.5% Senior Subordinated Note due 2008	\$ 1,646,881	11/03/00	1,
Senior Preferred Stock (B)	4,692 shs.	11/01/00	
Class B Common Stock (B)	8,959 shs.	11/01/00	
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	3,979 shs.	11/03/00	

2,

WEASLER HOLDINGS LLC

A manufacturer of mechanical power transmission components for the agricultural, lawn and turf industries.

13.25% Senior Subordinated Note due 2010	\$ 2,023,810	02/04/03	1,
Limited Partnership Interest (B)	1.55% int.	02/03/03	
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	256 shs.	02/04/03	

2,

W E C COMPANY, INC.

A maker of attachments for prime moving equipment.

Common Stock (B)	5,938 shs.	12/31/01	
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WICOR AMERICAS, INC.

A manufacturer of cellulose based insulation products, systems and services for electrical transformer equipment manufacturers.

20% Senior Subordinated Secured Note due 2009	\$ 2,434,821	11/09/01	2,
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\$172,

TOTAL PRIVATE PLACEMENT INVESTMENTS

*12/30/97 and 09/09/99.
**01/02/98 and 12/18/00.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)
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MASSMUTUAL CORPORATE INVESTORS

Interest Due Shares or

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	Rate	Date	Principal Amount
	-----	-----	-----
CORPORATE RESTRICTED SECURITIES (A) (CONTINUED)			
RULE 144A SECURITIES -11.71 % (A)			
BONDS -10.44%			
A E S Corporation	9.000%	05/15/15	\$ 200,000
A E S Corporation	8.750	05/15/13	200,000
Alamosa Delaware, Inc.	8.500	01/31/12	400,000
Cablevision Systems Corporation	5.670	04/01/09	1,000,000
Calpine Corporation	8.750	07/15/13	500,000
Chesapeake Energy Corporation	6.875	01/15/16	500,000
Dana Credit Corporation	8.375	08/15/07	500,000
General Nutrition Center	8.500	12/01/10	800,000
Great Lakes Dredge & Dock Corporation	7.750	12/15/13	250,000
IMAX Corporation	9.625	12/01/10	500,000
Interactive Health LLC	7.250	04/01/11	900,000
Koppers, Inc.	9.875	10/15/13	1,200,000
Land O' Lakes, Inc.	9.000	12/15/10	1,500,000
Mail-Well, Inc.	7.875	12/01/13	11,000,000
Metaldyne Corporation	10.000	11/01/13	185,000
N R G Energy, Inc.	8.000	12/15/13	700,000
Nalco Company	7.750	11/15/11	500,000
North American Energy Partners	8.750	12/01/11	400,000
O E D Corp/Diamond	8.750	04/15/05	1,000,000
Pinnacle Food Holding	8.250	12/01/13	450,000
Pliant Corporation	0.000	06/15/09	875,000
Quintiles Transnational Corporation	10.000	10/01/13	500,000
Rhodia SA	8.875	06/01/11	500,000
River Rock Entertainment	9.750	11/01/11	300,000
Sheridan Acquisition Corporation	10.250	08/15/11	500,000
Ship Finance International Ltd.	8.500	12/15/13	1,500,000
Tekni-Plex, Inc.	8.750	11/15/13	1,500,000
Telex Communications, Inc.	11.500	10/15/08	500,000
United Rentals, Inc.	7.750	11/15/13	625,000
United Rentals, Inc.	7.000	02/15/14	1,000,000
Vought Aircraft Industries	8.000	07/15/11	725,000

TOTAL BONDS			\$ 31,210,000
			=====
COMMON STOCK - 0.00 %			
Jordan Telecom Products (B)			70
TOTAL COMMON STOCK			
CONVERTIBLE BONDS -1.22%			
Advanced Micro Devices, Inc.	4.750%	02/01/22	\$ 500,000
Centerpoint Energy, Inc.	3.750	05/15/23	350,000
Cymer, Inc.	3.500	02/15/09	850,000
F E I Company	5.500	08/15/08	175,000
Invitrogen Corporation	2.250	12/15/06	425,000

TOTAL CONVERTIBLE BONDS			\$ 2,300,000
			=====
CONVERTIBLE PREFERRED STOCK - 0.05 %			
D T Industries, Inc. (B)			20,000
TOTAL CONVERTIBLE PREFERRED			
WARRANTS - 0.00 %			

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Winsloew Furniture, Inc. (B)

900

TOTAL WARRANTS

TOTAL RULE 144A SECURITIES

TOTAL CORPORATE RESTRICTED SECURITIES

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)
March 31, 2004
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

	Interest Rate	Due Date	Shares or Principal Amount
	-----	-----	-----
CORPORATE PUBLIC SECURITIES - 14.92% : (A)			
BONDS - 11.10%			
A E P Industries, Inc.	9.875%	11/15/07	\$ 350,000
Activant Solutions, Inc.	10.500	06/15/11	400,000
Alamosa Delaware, Inc	11.000	07/31/10	325,000
American Media Operation, Inc.	8.875	01/15/11	200,000
Bally Total Fitness Holding Corporation	9.875	10/15/07	135,000
Bausch & Lomb, Inc.	6.950	11/15/07	500,000
C S C Holdings, Inc.	7.625	04/01/11	500,000
Cincinnati Bell, Inc.	8.375	01/15/14	100,000
Dana Corporation	9.000	08/15/11	500,000
Del Monte Corporation	8.625	12/15/12	225,000
Dollar Financial Group	9.750	11/15/11	600,000
Dominos, Inc.	8.250	07/01/11	400,000
Dynegey Holding, Inc.	6.875	04/01/11	500,000
Esterline Technologies	7.750	06/15/13	200,000
Flextronics International Ltd.	6.500	05/15/13	400,000
G F S I, Inc.	9.625	03/01/07	500,000
Gencorp, Inc.	9.500	08/15/13	400,000
Host Marriott L.P	8.375	02/15/06	500,000
Huntsman LLC	11.625	10/15/10	500,000
Intrawest Corporation	7.500	10/15/13	500,000
Leucadia National Corporation	7.000	08/15/13	650,000
Lodgenet Entertainment Co.	9.500	06/15/13	425,000
Lyondell Chemical Co.	9.500	12/15/08	400,000
M G M Mirage, Inc.	6.000	10/01/09	500,000
M S X International, Inc.	11.000	10/15/07	350,000
Majestic Star Casino LLC	9.500	10/15/10	500,000
Manitowoc Company, Inc.	7.125	11/01/13	200,000
National Wine & Spirit	10.125	01/15/09	500,000
Neff Corporation	10.250	06/01/08	170,000
Nextel Communications Corporation	7.375	08/01/15	400,000
Nextel Partners, Inc.	8.125	07/01/11	1,000,000
Numatics, Inc.	9.625	04/01/08	550,000
Offshore Logistics, Inc.	6.125	06/15/13	450,000
Rayovac Corporation	8.500	10/01/13	200,000
Rent-A-Center, Inc.	7.500	05/01/10	400,000
Rent-Way, Inc.	11.875	06/15/10	300,000
S P X Corporation	6.250	06/15/11	400,000
Service Corp International	6.000	12/15/08	500,000

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Sports Club Co.	11.375	03/15/06	300,000
Steelcase, Inc.	6.375	11/15/06	500,000
Tekni-Plex, Inc.	12.750	06/15/10	550,000
Telex Communications, Inc. (B)	0.000	01/15/09	471,915
Tenet Healthcare Corporation	6.375	12/01/11	500,000
Tenneco Automotive, Inc.	10.250	07/15/13	400,000
Triton P C S, Inc.	8.500	06/01/13	550,000
Tyco International Group SA	6.375	10/15/11	350,000
United Refining Co.	10.750	06/15/07	830,000
United Rentals, Inc.	9.000	04/01/09	350,000
Von Hoffman Press, Inc.	10.250	03/15/09	200,000
Williams Companies, Inc.	8.625	06/01/10	500,000
Williams Scotsman, Inc.	9.875	06/01/07	500,000
Winsloew Furniture, Inc.	12.750	08/15/07	455,000

Total Bonds			\$ 22,086,915

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)
March 31, 2004
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

	Interest Rate	Due Date	Shares or Principal Amount
	-----	-----	-----
CORPORATE PUBLIC SECURITIES (A) (CONTINUED)			
COMMON STOCK - 2.78 %			
D T Industries, Inc. (B)			\$ 178,876
EOS International, Inc. (B)			100,000
H C I Direct, Inc. (B)			1,000
PepsiAmericas, Inc.			92,145
Rent-Way, Inc. (B)			92,866
Supreme Industries, Inc. (B)			115,722
T G C Industries (B)			6,361
Transmontaigne, Inc. (B)			333,326
TOTAL COMMON STOCK			
CONVERTIBLE BONDS - 0.92%			
Duke Energy Corporation	1.750%	05/15/23	\$ 400,000
F E I Company	5.500	08/15/08	340,000
Mediacom Communications Corporation	5.250	07/01/06	400,000
S C I Systems, Inc.	3.000	03/15/07	500,000
Triquint Semiconductor, Inc.	4.000	03/01/07	225,000

TOTAL CONVERTIBLE BONDS			\$ 1,865,000
			=====
CONVERTIBLE PREFERRED STOCK - 0.12 %			
Alamosa Holdings, Inc.			500
TOTAL CONVERTIBLE PREFERRED STOCK			
PREFERRED STOCK - 0.00 %			
Telex Communications, Inc.			17,707

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TOTAL PREFERRED STOCK

WARRANTS - 0.00 %

Telex Communications, Inc.

698

TOTAL WARRANTS

TOTAL CORPORATE PUBLIC SECURITIES

SHORT-TERM SECURITIES:

	Interest Rate/Yield	Due Date	Principal Amount
	-----	-----	-----
COMMERCIAL PAPER - 4.24 %			
Baxter International, Inc.	1.100%	04/05/04	\$ 2,460,000
Goldman Sachs Group, Inc.	1.050	04/02/04	3,960,000
Textron Financial Corporation	1.080	04/01/04	2,160,000

Total Short-Term Securities			\$ 8,580,000
			=====

TOTAL INVESTMENTS

107.66%

Other Assets

4.19

Liabilities

(11.85)

TOTAL NET ASSETS

100.00%

(A) In each of the convertible note, warrant, convertible preferred and common stock investments, the issuer has agreed to provide certain registration rights.

(B) Non-income producing security.

SEE NOTES TO CONSOLIDATED FINANCIAL STATEMENTS.

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CONSOLIDATED SCHEDULE OF INVESTMENTS (CONT)
March 31, 2004
(Unaudited)

MASSMUTUAL CORPORATE INVESTORS

INDUSTRY CLASSIFICATION:

Fair Value/
Market Value

AEROSPACE - 0.48 %

Esterline Technologies

\$ 213,000

Vought Aircraft Industries

750,375

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	963,375

AUTOMOBILE - 6.22 %	
America's Body Company, Inc./LCP Holding Co.	1,750,001
Dana Corporation	601,250
Gencorp, Inc.	437,000
Jason, Inc.	1,584,571
LIH Investors, L.P	4,601,828
Metaldyne Corporation	183,150
Nyloncraft, Inc.	2,992,147
Tenneco Automotive, Inc.	460,000

	12,609,947

BEVERAGE, DRUG & FOOD - 4.17%	
Beta Brands Ltd	--
Cains Foods, L.P	113,611
Del Monte Corporation	253,125
Dominos, Inc.	431,000
Land O' Lakes, Inc.	1,515,000
National Wine & Spirit	480,000
Nonni's Food Company	2,120,878
PepsiAmericas, Inc.	1,881,601
Pharmaceutical Buyers, Inc.	818,196
Pinnacle Foods Holdings	478,125
Specialty Foods Group, Inc.	367,609

	8,459,145

BROADCASTING & ENTERTAINMENT -1.18 %	
C S C Holdings, Inc.	527,500
Cablevision Systems Corporation	1,000,000
Lodgenet Entertainment Corp.	471,750
Mediacom Communications Corp.	389,000

	2,388,250

BUILDINGS & REAL ESTATE - 4.16 %	
Adorn, Inc.	2,283,679
Eagle Window & Door Holding co.	2,838,670
Shelter Acquisition, Inc.	2,229,501
TruStile Doors, Inc.	1,067,895

	8,419,745

CARGO TRANSPORT - 2.83%	
Kenan Advantage Transport Company	2,451,214
Ship Finance International Ltd.	1,470,000
Tidewater Holdings, Inc.	1,807,008
