

MASSMUTUAL CORPORATE INVESTORS

Form N-30D

February 28, 2003

2002 Annual Report

MASSMUTUAL
CORPORATE INVESTORS

[BACKGROUND PHOTO]

GROWTH STRENGTH DIVERSITY [LOGO]

[BACKGROUND PHOTO]

MassMutual Corporate Investors
is a closed-end investment company,
first offered to the public over
30 years ago and is listed on the
New York Stock Exchange.

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MASSMUTUAL
CORPORATE INVESTORS
1500 Main Street, Suite 1100
Springfield, MA 01115
(413) 226-1516
www.massmutual.com/mci

ADVISER
David L. Babson & Company Inc.,
a member of the MassMutual
Financial Group
1500 Main Street
Springfield, MA 01115

AUDITOR
Deloitte & Touche LLP
New York, NY 10281

TRANSFER AGENT & REGISTRAR
Shareholder Financial Services, Inc.
P.O. Box 173673
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CUSTODIAN
Citibank, N.A.
New York, NY 10043

MCI
Listed
NYSE

MASSMUTUAL CORPORATE INVESTORS

INVESTMENT OBJECTIVE AND POLICY

MassMutual Corporate Investors (the "Trust"), a non-diversified 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.

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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.

In this report you will find a complete listing of the Trust's holdings. We encourage you to read this section carefully for a better understanding of the Trust. We cordially invite all shareholders to attend the MassMutual Corporate Investors Annual Meeting of Shareholders, which will be held on April 11, 2003 at 2:00 P.M. in Springfield, Massachusetts.

[PHOTO]

-1-

[PHOTO OF CHAIRMAN
AND PRERESIDENT]

LEFT TO RIGHT:
Robert E. Joyal, CFA President
Stuart H. Reese, CFA Chairman

Accumulated value of \$100 reinvested in MassMutual
Corporate Investors vs. the average of stocks and bonds

[LINE CHART APPEARS HERE]

Hypothetical value of \$100 invested 01/01/77

01/77 1980 1984 1998 1992 1996 2000

MassMutual Corporate Investors(1)

S&P Industrial Index(2)

50% S&P Industrial Index and
50% Lehman Brothers Government/
Credit Bond Index

Lehman Brothers Government/
Credit Bond Index(3)

1 The Trust's return reflects change in the net asset value per share assuming reinvestment of all distributions. Past performance is no indicator of future results.

2 The S&P Industrial Index is a capitalization-weighted index of stocks designed to measure the performance of the industrial sector of the Standard and Poor's 500 Index(R) (the S&P 500 Index(R) minus financials, utilities and transportation stocks). The index does not incur expenses and cannot be purchased directly by investors.

3 The Lehman Brothers Government/Credit Bond Index (formerly Lehman Brothers Government/Corporate Bond Index) is an unmanaged measure of major U.S. Government and investment grade corporate bonds with more than one year remaining until the scheduled payment of principal. The index does not incur expenses and cannot be purchased directly by investors.

MASSMUTUAL CORPORATE INVESTORS

TO OUR SHAREHOLDERS

I am pleased to share with you MassMutual Corporate Investors' (the "Trust") Annual Report covering the year ended December 31, 2002. This past year was, once again, a challenging one at all levels. The economy was soft, as corporate and accounting scandals ran rampant, unemployment rose and concerns about additional terrorism or possible war in the Middle East affected the market's performance. Investor confidence was down, as the S&P 500 declined for the third year in a row and the fixed income market suffered a large number of defaults and a record number of credit downgrades. Interest rates were the lowest we had seen in nearly 40 years. These challenging factors added up to create seemingly endless volatility and a most difficult environment for the small to mid-sized companies in which the Trust traditionally invests.

The year closed with the S&P 500 Index down 22.10%, the NASDAQ down 31.13% and the Dow Jones Industrial Average down 14.98% for the year. On a positive note, inflation continued to be low, as did interest rates. The low rates helped the Lehman Brothers Government/Credit Bond Index achieve an increase of 11.04% for the year.

The economy continued to affect Initial Public Offering (IPO) activity throughout 2002, as it did in 2001. IPO volume numbered just 83 deals,* a two-decade low, due to skepticism that new offerings would generate strong earnings in such a difficult market. The third quarter in particular experienced little action, with only seven companies brought to the public market, the lowest number of new offerings in a quarter in twenty-two years.

The first half of the year was also quiet for leveraged buyouts. However, because valuations were low, the buyout market sat ready for an increase in activity. We started to see this increase during the fourth quarter and we expect that increased deal flow will continue into 2003.

*Source: The Wall Street Journal, January 2, 2003.

The Trust ended the year with an annual total rate of return of 4.80%, as measured by the change in the net asset value with reinvested dividends. These results compare favorably to the average of the S&P 500 Index at negative 22.10% and the Lehman Brothers Government/Credit Bond Index at a positive 11.04%.

-3-

[PHOTO]

LEFT TO RIGHT:
Clifford M. Noreen, Vice President,
Roger W. Crandall, CFA, Vice President,
Stephen L. Kuhn, Vice President and Secretary,
Charles C. McCobb, CFA,
Vice President and Chief Financial Officer

Although 2002 was a particularly difficult year, it was not unlike the early 1990's, when we saw a major downturn followed by a decade of growth in the economy and the Trust. Our experience through other challenging times shows us the way - and brings home to us the fundamental beliefs with which we manage the Trust on a daily basis. We believe in dealing with ethical, professional people

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who are committed to success. We believe in investing in companies with a strong business proposition, good cash flow and talented, experienced management and we believe in diversifying our investments over a wide range of industries and issuers. These beliefs and our goals for the Trust do not change with the economic environment, but enable us to select the best investments available in order to take advantage of future market potential. We believe the current market presents an excellent opportunity for us to build the strength of the Trust, and position it for continued success in the future.

The Trust ended the year with an annual total rate of return of 4.80%, as measured by the change in the net asset value with reinvested dividends. These results compare favorably to the average of the S&P 500 Index at negative 22.10% and the Lehman Brothers Government/Credit Bond Index at a positive 11.04%. The Trust's total net assets as of the end of 2002 were \$171,028,431. Although the Trust continued to report good relative performance, the Board of Trustees did find it necessary to reduce the quarterly dividend to 36 cents per share to bring it more in line with the current earnings level of the portfolio. The net asset value per share of the Trust decreased slightly in 2002 to \$19.40 from \$20.07 at December 31, 2001.

Total Annual Return (as of 12/31 each year)

[BAR CHART APPEARS HERE]

MassMutual Corporate Investors (Based on change in the net asset value with reinvested dividends)	17.12	7.53	7.28	5.91	4.80
S&P Industrial Index	33.77	25.89	-16.26	-11.67	-23.51
Lehman Brothers Government/Credit Bond Index*	9.46	-2.15	11.84	8.50	11.04
	1998	1999	2000	2001	2002

*Formerly Lehman Brothers Government/Corporate Bond Index

-4-

MASSMUTUAL CORPORATE INVESTORS

Officers of the Trust (LEFT TO RIGHT): [PHOTO]
 Richard C. Morrison, Michael P. Hermsen, CFA,
 Michael L. Klofas, CFA, Richard E. Spencer, II, CFA

Overall, the Trust closed 12 private placement transactions in 2002, including 10 new investments: Ames True Temper, Beacon Medical Products, C&M Conveyor, Eagle Window & Door Holdings, Mustang Ventures Company, Nyloncraft, Inc., PHI Holding, Sabex 2002, Selig Acquisition and Shelter Acquisition and 2 additions: Moss, Inc. and Tidewater Holdings to current positions.

Below are some of the descriptions of the new holdings in the portfolio:

BEACON MEDICAL PRODUCTS, a designer, manufacturer and marketer of medical air and gas distribution systems.

C&M CONVEYOR, INC., a manufacturer and supplier of material handling systems to

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the corrugated sheet and container industry.

EAGLE WINDOW & Door Holdings Co., a manufacturer of wood and aluminum-clad wood windows and doors.

NYLONCRAFT, INC., a supplier of engineered plastic components for the automotive industry.

SELIG ACQUISITION CORPORATION, a manufacturer of container sealing materials for bottles used in consumer products.

You will find details of all the Trust's holdings in the Consolidated Schedule of Investments.

Although we see signs that the economy is improving, we do not believe that a dramatic change will take place over the next twelve months. In the meantime, the Trust will continue to look at the current economic environment as an opportune time to invest.

-5-

MASSMUTUAL CORPORATE INVESTORS

THE OUTLOOK FOR 2003

Although we see signs that the economy is improving, we do not believe that a dramatic change will take place over the next twelve months. In the meantime, the Trust will continue to look at the current economic environment as an opportune time to invest. Prices are attractive and leverage is lower leading to issuers having more conservative capital structures. By following our fundamental beliefs and continuing our disciplined approach to investing, we believe that the Trust is well-positioned to take advantage of a future upturn in the economy.

Sincerely,

/s/ Robert Joyal

Robert Joyal
President

Tax Information

2002 Dividends	Record Date	Net Investment Income	Short-Term Gains	Tax Effect
Regular	5/03/02	0.2876	0.1824	
	8/01/02	0.4300	-	
	10/31/02	0.3600	-	
	12/31/02	0.3600	-	
Total Dividends		1.4376	0.1824	\$1.62

The Trust did not have net long-term capital gains in 2002.

Qualified for Dividend Interest Earned on

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Annual Dividend Amount per Share	Received Deduction* Percent	Amount per Share	Gov't. Obligations Percent	Amount per Share
\$1.62	3.70395%	0.060004	0.00%	0.0000

*Not available to individual shareholders

-6-

FINANCIAL REPORT

Consolidated Statements of Assets and Liabilities	8
Consolidated Statements of Operations	9
Consolidated Statements of Cash Flows	10
Consolidated Statements of Changes in Net Assets	11
Consolidated Selected Financial Highlights	12
Consolidated Schedule of Investments	13-32
Notes to Consolidated Financial Statements	33-35
Interested Trustees	36
Independent Trustees	37
Officers of the Trust	38-39
Independent Auditors' Report	40

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED STATEMENTS OF ASSETS AND LIABILITIES
DECEMBER 31, 2002 AND 2001

2002

ASSETS:

Investments

(See Consolidated Schedule of Investments)

Corporate restricted securities at fair value (Cost 2002 - \$195,404,009; 2001 - \$197,075,841)	\$ 162,254,000
Corporate public securities at market value (Cost 2002 - \$21,510,992; 2001 - \$21,113,626)	16,437,003

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Short-term securities at cost plus earned discount which approximates market value	10,820,751

	189,511,754
Cash	1,051,378
Interest and dividends receivable, net	3,318,383
Receivable for investments sold	1,255,569

TOTAL ASSETS	\$ 195,137,084
=====	
LIABILITIES:	
Dividend payable	\$ 3,173,891
Management fee payable	643,771
Note payable	20,000,000
Interest payable	187,711
Accrued expenses	103,280
Accounts payable	--

TOTAL LIABILITIES	24,108,653

NET ASSETS:	
Common shares, par value \$1.00 per share; an unlimited number authorized	8,816,363
Additional paid-in capital	100,717,801
Retained net realized gain on investments, prior years	100,547,585
Undistributed net investment income	1,825,555
Undistributed net realized (loss) gain on investments	(2,654,875)
Net unrealized depreciation of investments	(38,223,998)

TOTAL NET ASSETS	171,028,431

TOTAL LIABILITIES AND NET ASSETS	\$ 195,137,084
=====	
COMMON SHARES ISSUED AND OUTSTANDING	8,816,363
=====	
NET ASSET VALUE PER SHARE	\$ 19.40
=====	

See Notes to Consolidated Financial Statements.

-8-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED STATEMENTS OF OPERATIONS
FOR THE YEARS ENDED DECEMBER 31, 2002 AND 2001

	2002
INVESTMENT INCOME:	
Interest	\$ 17,708,857
Dividends	529,015

TOTAL INVESTMENT INCOME	18,237,872

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EXPENSES:	
Management fees	2,658,551
Trustees' fees and expenses	111,704
Transfer agent/registrar's expenses	38,000
Interest	1,515,500
Reports to shareholders	112,800
Audit and legal	163,800
Other	132,785

TOTAL EXPENSES	4,733,140

NET INVESTMENT INCOME (2002 - \$1.53 PER SHARE; 2001 - \$1.70 PER SHARE)	13,504,732
--	------------

=====	
NET REALIZED AND UNREALIZED (LOSS) GAIN ON INVESTMENTS:	
Net realized (loss) gain on investments	(2,296,178)
Net change in unrealized depreciation of investments	(2,951,901)

NET LOSS ON INVESTMENTS	(5,248,079)

NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS	\$ 8,256,653
--	--------------

See Notes to Consolidated Financial Statements.

-9-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED STATEMENTS OF CASH FLOWS
FOR THE YEARS ENDED DECEMBER 31, 2002 AND 2001

	2002
NET (DECREASE) INCREASE IN CASH:	
Cash flows from operating activities:	
Interest and dividends received	\$ 17,868,331
Interest expense paid	(1,515,500)
Operating expenses paid	(3,240,786)
Federal income tax paid	--

NET CASH PROVIDED BY OPERATING ACTIVITIES	13,112,045

Cash flows from investing activities:	
Decrease from short-term portfolio securities, net	(119,205)
Purchase of portfolio securities	(62,989,467)
Proceeds from disposition of portfolio securities	62,035,837

NET CASH (USED FOR) PROVIDED BY INVESTING ACTIVITIES	(1,072,835)

NET CASH PROVIDED BY OPERATING AND INVESTING ACTIVITIES	12,039,210

Cash flows from financing activities:	
Increase in receipts for shares issued on reinvestment of dividends	1,885,841
Cash dividends paid from net investment income	(13,538,417)

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Cash dividends paid from net realized gain on investments	(1,615,166)

NET CASH USED FOR FINANCING ACTIVITIES	(13,267,742)

NET (DECREASE) INCREASE IN CASH	(1,228,532)
Cash - beginning of year	2,279,910

CASH - END OF YEAR	\$ 1,051,378
=====	
RECONCILIATION OF NET INCREASE IN NET ASSETS TO NET CASH PROVIDED BY OPERATING AND INVESTING ACTIVITIES:	
NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS	\$ 8,256,653

Decrease in investments	3,948,859
Decrease in interest and dividends receivable, net	879,099
(Increase) decrease in receivable for investments sold	(1,022,255)
Decrease in payable for investments purchased	--
(Decrease) increase in management fee payable	(14,648)
Increase (decrease) in accrued expenses	1,985
Decrease in accounts payable	(10,483)
Decrease in accrued taxes	--

TOTAL ADJUSTMENTS TO NET ASSETS FROM OPERATIONS	3,782,557

NET CASH PROVIDED BY OPERATING AND INVESTING ACTIVITIES	\$ 12,039,210
=====	

See Notes to Consolidated Financial Statements.

-10-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED STATEMENTS OF CHANGES IN NET ASSETS
FOR THE YEARS ENDED DECEMBER 31, 2002 AND 2001

	20
DECREASE IN NET ASSETS:	
Operations:	
Net investment income	\$ 13,5
Net realized (loss) gain on investments	(2,2
Net change in unrealized depreciation of investments	(2,9

Net increase in net assets resulting from operations	8,2
Net increase in shares of beneficial interest transactions	1,8
Dividends to shareholders from:	
Net investment income (2002 - \$1.44 per share; 2001 - \$1.79 per share)	(12,6
Net realized gains on investments (2002 - \$.18 per share; 2001 - \$.09 per share)	(1,6

TOTAL DECREASE IN NET ASSETS	(4,0
NET ASSETS, BEGINNING OF YEAR	175,1

NET ASSETS, END OF YEAR (INCLUDING UNDISTRIBUTED NET	

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INVESTMENT INCOME IN 2002 - \$1,825,555; 2001 - \$863,483)

\$ 171,0

See Notes to Consolidated Financial Statements.

-11-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SELECTED FINANCIAL HIGHLIGHTS
SELECTED DATA FOR EACH COMMON SHARE OUTSTANDING:

	2002	2001	2000	For the years ended December 31,			
				1999	1998	1997	1996

Net asset value:							
Beginning of year	\$ 20.07	\$ 20.74	\$ 22.00	\$ 23.87	\$ 22.65	\$ 20.23	\$ 19.80

Net investment income	1.53	1.70	1.96	1.80	1.62	1.49	1.32
Net realized and unrealized (loss) gain on investments	(0.59)	(0.53)	(0.46)	(0.94)	1.51	2.87	0.92

Total from investment operations	0.94	1.17	1.50	0.86	3.13	4.36	2.24

Dividends from net investment income to common shareholders	(1.44)	(1.79)	(1.96)	(1.73)	(1.60)	(1.42)	(1.35)

Dividends from net realized gain on investments to common shareholders	(0.18)	(0.09)	(0.80)	(1.00)	(0.31)	(0.52)	(0.46)

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Change from issuance of shares	0.01	0.04	0.00	0.00	0.00	0.00	0.00
Total distributions	(1.61)	(1.84)	(2.76)	(2.73)	(1.91)	(1.94)	(1.81)
Net asset value: End of year	\$ 19.40	\$ 20.07	\$ 20.74	\$ 22.00	\$ 23.87	\$ 22.65	\$ 20.23
Per share market value: End of year	\$ 19.49	\$ 20.70	\$ 22.00	\$ 21.38	\$ 23.31	\$ 25.75	\$ 19.25
Total investment return							
Market value	1.35%	1.88%	17.55%	7.35%	0.77%	52.43%	22.44%
Net asset value	4.80%	5.91%	7.28%	7.53%	17.12%	27.14%	15.42%
Net assets (in millions): End of year	\$171.03	\$175.11	\$178.13	\$188.96	\$205.02	\$192.86	\$172.27
Ratio of operating expenses to average net assets	1.82%	1.72%	1.47%	1.30%	1.62%	1.69%	1.70%
Ratio of interest expense to average net assets	0.86%	0.84%	0.58%	0.52%	0.52%	0.56%	0.61%
Ratio of total expenses to average net assets	2.68%	2.56%	2.05%	1.82%	2.14%	2.25%	2.31%
Ratio of net investment income to average net assets	7.65%	8.20%	8.56%	7.63%	6.76%	6.66%	6.44%
Portfolio turnover	34.02%	24.48%	59.75%	68.04%	60.14%	66.23%	64.89%

All per share amounts have been restated after giving effect to the two-for-one split on the Trust's common shares authorized on December 19, 1997 effective January 20, 1998.

See Notes to Consolidated Financial Statements.

-12-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
CORPORATE RESTRICTED SECURITIES - 94.87%: (A)		
PRIVATE PLACEMENT INVESTMENTS - 91.96%		
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	2/29/00
Warrant, exercisable until 2010, to purchase common stock at \$.02 per share (B)	364 shs.	2/29/00

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ADVENTURE ENTERTAINMENT CORPORATION

An owner and operator of themed family entertainment centers

19% Senior Subordinated Note due 2004 (B)	\$ 207,048	12/9/99
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ALPHA SHIRT COMPANY

A domestic distributor of imprintable apparel and other related items.

12% Senior Subordinated Note due 2007	\$ 3,181,500	4/30/99
Common Stock (B)	1,060 shs.	4/30/99
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	576 shs.	4/30/99

AMERICA'S BODY CO., INC. /LCP HOLDING CO

A designer and manufacturer of commercial work vehicles

12% Senior Subordinated Note due 2007	\$ 3,500,000	11/2/98
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	58 shs.	11/2/98

AMES TRUE TEMPER GROUP

A leading manufacturer and distributor of non-powered lawn and garden tools and accessories in No

13% Senior Subordinated Note due 2010	\$ 1,888,889	1/14/02
10% Preferred Stock	161 shs.	2/28/02
Class A Common Stock (B)	2,105 shs.	2/28/02
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)		5,018 shs.

BEACON MEDICAL PRODUCTS, INC

A designer, manufacturer and marketer of medical air and gas distribution systems.

Senior Secured Floating Rate Revolving Credit Facility due 2007	\$ 62,847	4/9/02
Senior Secured Tranche A Floating Rate Note due 2008	\$ 1,133,307	4/9/02
12% Senior Secured Note due 2010	\$ 721,196	4/9/02
Limited Partnership Interest of Riverside Capital Appreciation Fund IV, L.P. (B)	2.29% int.	4/9/02
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	1,390 shs.	4/9/02

-13-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

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

BETA BRANDS, INC. - T.S.E. A manufacturer of hard candy and chocolate-coated products sold primarily to the Canadian market.		
Senior Secured Tranche A Floating Rate Note due 2004 (B)	\$ 2,127,412	12/23/97
17.75% Senior Secured Tranche B Note due 2005 (B)	\$ 802,824	12/23/97
Preference Shares (B)	360,018 shs.	2/14/02
Limited Partnership Interest of CM Equity Partners (B)	6.27% int.	12/22/97
Warrant, exercisable until 2005, to purchase common stock at \$.81 per share (B)	214,419 shs.	12/23/97

BETTER MINERALS & AGGREGATES A producer of high grade industrial and specialty silica sands.		
14% Redeemable Preferred Stock	997 shs.	9/30/99
Convertible Preferred Stock Series A and B, convertible into common stock at \$9.26 per share (B)	126,003 shs.	12/19/96
Common Stock (B)	20,027 shs.	9/30/99
Warrants, exercisable until 2005 and 2010, to purchase common stock at \$.01 per share (B)	11,399 shs.	*

*12/19/96 and 9/30/99.		

C & K FINANCING COMPANY LLC A holding company formed to hold C & K Manufacturing		
8% Senior Note due 2004	\$ 67,637	12/24/02

C & M CONVEYOR, INC. A manufacturer and supplier of material handling systems to the corrugated sheet and container in		
9.5% Senior Secured Term Note due 2007	\$ 1,233,434	9/13/02
11% Senior Subordinated Note due 2010	\$ 838,102	9/13/02
Common Stock (B)	316,265 shs.	9/13/02
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	137,175 shs.	9/13/02

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	9/29/95
Warrant, exercisable until 2006, to purchase partnership points at \$.01 per point (B)	39 pts.	9/29/95

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MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

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

CAPESUCCESS LLC A provider of diversified staffing services		
Common Stock (B)	6,855 shs.	4/29/00
Preferred Membership Interests (B)	1,882 int.	4/29/00
Common Membership Interests (B)	24,318 int.	4/29/00

CAPITOL SPECIALTY PLASTICS, INC A producer of desiccant strips used for packaging pharmaceuticals products.		
Common Stock (B)	109 shs.	*

*12/30/97 and 5/29/99.		
CHAPARRAL RESOURCES, INC. - O.T.C. An international oil and gas exploration and production company.		
Common Stock (B)	164 shs.	12/3/97

COINING CORPORATION OF AMERICA A manufacturer of close tolerance parts and metal stampings		
Senior Secured Floating Rate Revolving Credit Facility due 2006	\$ 43,210	1/7/02
Senior Secured Floating Rate Tranche A Note due 2007	\$ 1,296,297	6/26/01
12% Senior Secured Tranche B Note due 2008	\$ 648,148	6/26/01
Limited Partnership Interest (B)	324 shs.	6/26/01
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	107,036 shs.	6/26/01

COLIBRI HOLDINGS CORPORATION A manufacturer and distributor of wild bird feeders and accessories.		
12.5% Senior Subordinated Note due 2008	\$ 1,593,750	9/22/00
28% Preferred Stock	71 shs.	11/2/01
Common Stock (B)	1,429 shs.	9/22/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	843 shs.	9/22/00

CONSUMER PRODUCT ENTERPRISES, INC. A manufacturer of colored acrylic felt for consumer use		

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Senior Secured Floating Rate Revolving Credit Note due 2003	\$ 353,740	12/8/95
10.75% Senior Secured Term Note due 2003	\$ 413,630	12/8/95
Senior Secured Floating Rate Term Note due 2003	\$ 207,630	12/8/95
12% Senior Subordinated Note due 2005	\$ 800,575	12/8/95
Common Stock (B)	184,560 shs.	12/8/95
Warrant, exercisable until 2005, to purchase common stock at \$.01 per share (B)	138,420 shs.	12/8/95

-15-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

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

CORVEST GROUP, INC.

A manufacturer and distributor of promotional products

12% Senior Subordinated Note due 2007	\$ 3,863,636	*
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.	*

*3/5/99 and 3/24/99

DELSTAR HOLDINGS CORP.

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.	10/5/01
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DEXTER MAGNETICS TECHNOLOGIES, INC.

A designer, fabricator, assembler, and distributor of industrial magnets and subassemblies in Nor

12% Senior Subordinated Note due 2006	\$ 1,231,884	7/19/01
Common Stock (B)	585 shs.	7/19/01
Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B)	297 shs.	7/19/01

DHD HEALTHCARE, INC.

A designer, manufacturer and distributor of plastic, non-invasive medical devices used for respir

Senior Secured Floating Rate Tranche A Note due 2008	\$ 1,160,741	2/8/01
12% Senior Secured Tranche B Note due 2009	\$ 451,173	2/8/01
Limited Partnership Interest of Riverside Capital Appreciation Fund III L.P. (B)	2.81% int.	2/8/01
Warrant, exercisable until 2008, to purchase		

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common stock at \$.01 per share (B) 927 shs. 2/8/01

DIRECTED ELECTRONICS, INC.

A designer and distributor of brand name automotive security systems, audio products and installa

12% Senior Subordinated Note due 2007	\$ 3,355,267	12/22/99
8% Convertible Class B Subordinated Promissory Note due 2008	\$ 89,442	12/22/99
Class B Common Stock (B)	26,097 shs.	12/22/99
Limited Partnership Interest	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

-16-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

CORPORATE RESTRICTED SECURITIES:(A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
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DIVERSCO, INC./DHI HOLDINGS, INC.

A contract provider of janitorial and equipment maintenance services and temporary production lab

Membership Interests of MM/Lincap Diversco Investments Ltd. LLC (B)	27.19% int.	8/27/98
Preferred Stock (B)	3,278 shs.	12/14/01
Warrants, exercisable until 2011, to purchase common stock of DHI Holdings, Inc. at \$.01 per share (B)	13,352 shs.	*

*10/24/96 and 8/28/98.

DT INDUSTRIES, INC.

A designer and manufacturer of automated production systems used to assemble, test or package ind

7.16% Convertible Preferred Stock, convertible into common stock at \$14 per share (B)	20,000 shs.	6/12/97
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EAGLE WINDOW & DOOR HOLDINGS CO.

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

12% Senior Subordinated Note due 2010	\$ 1,900,000	5/6/02
Common Stock (B)	225 shs.	5/6/02
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	441 shs.	5/6/02

EAST RIVER VENTURES I, L.P.

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An acquirer of controlling or substantial interests in other entities.

Limited Partnership Interest (B)	36,221 int.	1/1/01
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ENZYMATIC THERAPY, INC.

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

13% Senior Subordinated Note due 2004 (B)	\$ 1,593,750	9/17/02
Limited Partnership Interest (B)	1.32% int.	3/30/00
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	478 shs.	3/30/00

EVANS CONSOLES, INC.

A designer and manufacturer of consoles and control center systems.

Senior Secured Tranche A Floating Rate Note due 2005	\$ 974,300	3/2/98
8.85% Senior Secured Tranche A Note due 2005	\$ 974,300	3/2/98
11.75% Senior Secured Tranche B Note due 2006	\$ 700,000	3/2/98
Senior Secured Floating Rate Revolving Credit Facility due 2005	\$ 984,242	3/2/98
Common Stock (B)	26,906 shs.	2/11/98
Limited Partnership Interest of CM Equity Partners (B)	126,445 int.	2/11/98
Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B)	34,783 shs.	3/2/98

-17-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS DECEMBER 31, 2002

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

EVOLVE SOFTWARE, INC.

A provider of software for automating professional services organizations.

Common Stock (B)	4 shs.	4/20/01
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EXAMINATION MANAGEMENT SERVICES, INC.

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

12% Senior Subordinated Note due 2007	\$ 2,109,637	3/16/99
Limited Partnership Interest (B)	5.27% int.	3/2/99
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	77,233 shs.	3/16/99

FAIRMARKET, INC.

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A developer and deliverer of e-business selling and marketing solutions for retailers, distributors

Common Stock (B)	217 shs.	4/20/01
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FASTENERS FOR RETAIL, INC.

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

12.5% Senior Subordinated Note due 2007	\$ 3,650,000	12/22/99
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

G C-SUN HOLDINGS, L.P.

A value-added national distributor of maintenance, repair and operating supplies such as fasteners

12% Senior Subordinated Note due 2008 (B)	\$ 1,725,000	3/2/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	880 shs.	3/2/00

GRAND EXPEDITIONS, INC.

A luxury travel tour operation provider

Preferred Stock (B)	21,250 shs.	6/21/01
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	282,443 shs.	6/21/01

HAMILTON FUNERAL SERVICES CENTERS, INC.

The largest privately held owner and operator of funeral homes in the United States.

16.5% Senior Subordinated Note due 2007 (B)	\$ 3,802,712	*
Warrant, exercisable until 2007, to purchase common stock at \$1 per share (B)	338,280 shs.	*

*1/25/99 and 7/16/99.

-18-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

CORPORATE RESTRICTED SECURITIES:(A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
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HIGHGATE CAPITAL LLC

An acquirer of controlling or substantial interests in manufacturing and marketing entities.

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Series A Preferred Units (B) 1.22% int. 7/21/94

HUSSEY SEATING COMPANY

A manufacturer of spectator seating products

Senior Secured Floating Rate Revolving Note due 2006	\$ 726,106	6/12/96
Senior Secured Floating Rate Note due 2006	\$ 933,750	*
Preferred Stock	13,500 shs.	8/3/01
Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B)	4,771 shs.	**

*6/12/96 and 8/3/01.

**6/12/96 and 1/19/00.

IBEAM BROADCASTING CORPORATION

A provider of an Internet broadcast network that delivers streaming media with viewing and listen

Common Stock (B)	46 shs.	4/20/01
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INTEGRATION TECHNOLOGY SYSTEMS, INC.

A manufacturer of steel protective computer and network systems for the industrial and office env

11% Senior Secured Note due 2007	\$ 1,661,661	6/1/00
Common Stock (B)	228 shs.	6/1/00

JACKSON PRODUCTS, INC.

A manufacturer and distributor of a variety of industrial and highway safety products.

Common Stock (B)	226 shs.	8/16/95
Warrant, exercisable until 2005, to purchase common stock at \$.01 per share (B)	1,042 shs.	8/16/95

JASON, INC.

A diversified manufacturing company serving various industrial markets.

13% Senior Subordinated Note due 2008	\$ 963,687	8/4/00
14% Cumulative Redeemable Preferred Stock Series A (B)	289 shs.	8/4/00
Limited Partnership Interest of Saw Mill Capital Fund II L.P. (B)	2.52% int.	8/3/00
Warrants, exercisable until 2008 and 2009, to purchase common stock at \$.01 per share (B)	50,870 shs.	8/4/00

-19-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

Shares, Units

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CORPORATE RESTRICTED SECURITIES:(A) continued	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	6/16/00
Senior Secured Floating Rate Tranche A Note due 2007	\$ 1,073,264	6/16/00
12% Senior Secured Tranche B Note due 2008	\$ 550,392	6/16/00
Limited Partnership Interest of Riverside XVI Holding Company L.P. (B)	5.29% int.	6/12/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	1,108 shs.	6/12/00

KENAN-ADVANTAGE TRANSPORT COMPANY		
A transporter of light petroleum, petrochemicals, lubricants, and residual fuels.		
12.5% Senior Subordinated Note due 2009	\$ 1,817,435	4/30/01
Preferred Stock (B)	307 shs.	4/30/01
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	269 shs.	4/30/01

LANCASTER LABORATORIES, INC.		
One of the largest laboratory testing operations in the United States.		
12% Senior Subordinated Note due 2007	\$ 1,669,643	9/25/00
Common Stock (B)	455,357 shs.	9/25/00
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	405,485 shs.	9/25/00

LIH INVESTORS, L.P.		
A manufacturer and marketer of a broad line of external accessories for new and used sport utilities.		
12.5% Senior Subordinated Note due 2006	\$ 3,845,000	*
Common Stock (B)	58,001 shs.	*
Warrant, exercisable until 2006, to purchase common stock at \$.11 per share (B)	108,404 shs.	*

*12/23/98 and 1/28/99.		

MOSS, INC.		
A manufacturer and distributor of large display and exhibit structures.		
Senior Secured Floating Rate Revolving Note due 2005	\$ 184,910	9/21/00
Senior Secured Floating Rate Tranche A Note due 2007	\$ 1,344,800	9/21/00
12% Senior Secured Tranche B Note due 2008	\$ 420,250	9/21/00
Limited Partnership Interest of Riverside Capital Appreciation Fund I L.P. (B)	6.23% int.	*
Warrant, exercisable until 2008, to purchase common stock at \$100 per share (B)	463 shs.	9/21/00

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*9/20/00 and 5/23/02.

-20-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

CORPORATE RESTRICTED SECURITIES:(A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
<hr/>		
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
8.5% Redeemable Preferred Stock (B)	155,833 shs.	12/11/02
Warrant, exercisable until 2012, to purchase common stock at \$0.01 per share (B)	18,425 shs.	12/11/02
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NPC, INC.		
A manufacturer of flexible connectors and equipment used in the installation of sewers and storm		
Senior Secured Floating Rate Revolving Note due 2006	\$ 328,568	6/25/99
Senior Secured Floating Rate Note due 2006	\$ 2,455,932	6/25/99
12% Senior Secured Tranche B Note due 2007	\$ 978,814	6/25/99
Limited Partnership Interest of Riverside XIII Holding Company L.P. (B)	3.49% int.	6/11/99
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	201 shs.	6/25/99
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NYLONCRAFT, INC.		
A supplier of engineered plastic components for the automotive industry.		
9% Senior Secured Note due 2009	\$ 812,500	1/28/02
11.5% Senior Subordinated Note due 2012	\$ 1,500,000	1/28/02
Common Stock (B)	312,500 shs.	1/28/02
Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)	243,223 shs.	1/28/02
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OLYMPIC SALES, INC.		
An operator of boat dealerships in Washington state, Wisconsin, Minnesota, and British Columbia.		
12% Senior Subordinated Note due 2006	\$ 2,774,000	8/7/98
12% Senior Subordinated Note due 2008	\$ 307,071	2/9/00
Limited Partnership Interest of Riverside VIII and VIII-A Holding Company L.P. (B)	13.14% int.	*
Warrants, exercisable until 2007 and 2008, to purchase common stock at \$.01 per share (B)	25,793 shs.	**

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*8/7/98, 2/23/99 and 12/22/99.

**8/7/98 and 2/9/00.

PARADIGM PACKAGING, INC.

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

12% Senior Subordinated Note due 2008	\$ 2,125,000	12/19/00
Membership Interests of MM/Lincap PPI Investments, Inc., LLC (B)	2.42% int.	12/21/00

-21-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

CORPORATE RESTRICTED SECURITIES:(A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
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PGT INDUSTRIES, INC.

A manufacturer of residential windows and patio doors and a provider of custom patio rooms and po

12% Senior Subordinated Notes due 2009	\$ 1,965,000	1/29/01
Common Stock (B) 115 shs. 1/29/01	115,000	
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	325 shs.	1/29/01

PHARMACEUTICAL BUYERS, INC.

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

10.5% Senior Secured Note due 2005	\$ 172,768	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 consume

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

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PLASSEIN PACKAGING CORPORATION

A manufacturer of flexible packaging products

13% Senior Subordinated Note due 2007 (B)	\$ 763,608	8/15/00
15% Junior Subordinated Note due 2008 (B)	\$ 73,494	11/14/01
12% Junior Subordinated Note due 2008 (B)	\$ 658,905	8/15/00
Convertible Preferred Stock, convertible into common stock at \$1 per share (B)	288,256 shs.	8/15/00
Common Stock (B) 446,960 shs. 8/15/00	289,552	
Warrants, exercisable until 2007 and 2008, to purchase common stock at \$.01 per share (B)	482,594 shs.	*

*8/15/00 and 11/14/01.

POLYMER TECHNOLOGIES, INC./POLI-TWINE WESTERN, INC.

A leading manufacturer of polypropylene twine for the hay bailing marketplace.

8% Senior Subordinated Note due 2010	\$ 743,750	9/27/02
Preferred Series A Stock (B)	1,062 shs.	9/27/02
Preferred Series B Stock (B)	239 shs.	9/27/02
Common Stock (B)	159,375 shs.	3/1/00
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	7,375,899 shs.	*

*3/1/00 and 9/27/02.

-22-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS

DECEMBER 31, 2002

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

PRECISION DYNAMICS, INC.

A manufacturer of custom-designed solenoid valves and controls.

Senior Secured Floating Rate Revolving Credit Facility due 2003	\$ 896,500	7/22/96
Senior Secured Floating Rate Term Note due 2003	\$ 1,532,200	7/22/96
12% Senior Secured Term Note due 2004	\$ 489,000	7/22/96
8% Preferred Stock	374 shs.	7/22/96
Common Stock (B)	599 shs.	7/22/96
Warrant, exercisable until 2004, to purchase common stock at \$.01 per share (B)	322 shs.	7/22/96

PREMIUM FOODS GROUP, INC.

A manufacturer and distributor of branded meat products

12% Senior Subordinated Note due 2008	\$ 1,821,000	8/29/00
Limited Partnership Interest of MHD Holdings LLC (B)	1.29% int.	8/29/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	7,052 shs.	8/29/00

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PROCESS CHEMICALS LLC

A specialty chemical company that manufactures processed chemicals for the fertilizer, asphalt and

6% Redeemable Preferred Membership Interests	2,525 int.	*
Common Membership Interests	9,863 int.	*

*7/31/97 and 1/4/99.

PROGRESSIVE SOFTWARE HOLDINGS, INC.

A designer and manufacturer of point-of-sale monitors and keyboards used by retailers and restaura

Common Stock (B)	729,946 shs.	7/9/02
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PROTEIN GENETICS, INC.

A producer of bovine artificial insemination products, related breeding and healthcare products a
sold to the dairy and beef industries

9.8% Redeemable Exchangeable Preferred Stock (B)	1,004 shs.	8/12/94
Common Stock (B)	2,600 shs.	*

*11/14/01 and 8/12/94.

PW EAGLE, INC. - O.T.C.

An extruder of small and medium diameter plastic pipe and tubing in the United States.

14% Senior Subordinated Note due 2007	\$ 3,521,053	9/16/99
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	197,040 shs.	9/16/99

-23-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS

DECEMBER 31, 2002

CORPORATE RESTRICTED SECURITIES:(A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
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RK POLYMERS LLC

A producer of styrenic block copolymers and highly engineered synthetic elastomers.

13% Senior Subordinated Note due 2011	\$ 2,125,000	2/28/01
Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	212 shs.	2/28/01

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SABEX 2002, INC.

A Canadian specialty pharmaceutical company which manufactures and distributes generic injectable

12% Senior Subordinated Note due 2009	\$ 2,125,000	4/19/02
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	51,088 shs.	4/19/02

SAFETY SPEED CUT MANUFACTURING COMPANY, INC.

A manufacturer of vertical panel saws and routers for the wood working industry.

Senior Secured Floating Rate Tranche A Note due 2007	\$ 2,214,194	6/2/99
12% Senior Secured Tranche B Note due 2007	\$ 1,130,652	6/2/99
Class B Common Stock (B)	1,480 shs.	6/2/99

SELIG ACQUISITION CORPORATION

A manufacturer of container sealing materials for bottles used in consumer products.

12% Senior Subordinated Note due 2009	\$ 2,125,000	6/13/02
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	2,011 shs.	6/13/02

SHELTER ACQUISITION, INC.

A distributor of roofing supplies and products throughout the Midwest.

12.5% Senior Subordinated Note due 2008	\$ 1,517,857	8/1/02
Common Stock (B)	607,143 shs.	8/1/02
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	263,444 shs.	8/1/02

SNYDER INDUSTRIES, INC.

A manufacturer of proprietary rotationally molded polyethylene containers.

12.25% Senior Subordinated Note due 2007	\$ 3,125,000	12/6/99
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	513 shs.	12/6/99

-24-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

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

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SPECTAGUARD ACQUISITION LLC

The tenth largest provider of security officers in the United States.

14% Senior Subordinated Note due 2008	\$ 2,073,901	3/1/00
Preferred LLC Interests (B)	109 int.	3/1/00
Common LLC Interests (B)	100,179 int.	3/1/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	257,000 shs.	3/1/00

STAR INTERNATIONAL, INC.

A manufacturer of commercial cooking appliances

11% Senior Secured Note due 2004	\$ 2,282,975	1/25/00
9.65% Senior Secured Note due 2004	\$ 469,254	5/27/94
10.5% Subordinated Note due 2004	\$ 716,418	5/27/94
Common Stock (B)	4,310 shs.	5/27/94
Warrant, exercisable until 2004, to purchase common stock at \$.01 per share (B)	4,621 shs.	*

*5/27/94 and 1/25/00.

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	1/14/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	106,539 shs.	1/14/00

THE TRANZONIC COMPANIES

A producer of commercial and industrial supplies, such as safety products, janitorial supplies, w
supplies and sanitary care products

12.5% Senior Subordinated Note due 2007	\$2,712,000	2/5/98
Common Stock (B)	630 shs.	2/4/98
Warrant, exercisable until 2006, to purchase common stock at \$.01 per share (B)	444 shs.	2/5/98

THERMA-TRU CORPORATION

A manufacturer of residential exterior entry door systems

12.25% Senior Subordinated Note due 2009	\$ 1,236,000	5/9/00
Limited Partnership Interest of KT Holding Company L.P. (B)	0.52% int.	5/5/00
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	739 shs.	5/9/00

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MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

CORPORATE RESTRICTED SECURITIES: (A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
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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.	7/25/96
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	474 shs.	7/25/96
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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	12/6/01
Membership Interests	250,000 int.	12/6/01
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TRONAIR, INC.		
A designer, engineer and manufacturer of ground support equipment for the business, commuter and		
10.5% Senior Secured Term Note due 2008	\$ 2,368,750	1/20/00
12% Senior Subordinated Note due 2010	\$ 1,326,500	1/20/00
Common Stock (B)	227,400 shs.	1/20/00
Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B)	260,563 shs.	1/20/00
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TRUSEAL TECHNOLOGIES, INC.		
A manufacturer of sealant systems for the North American window and door market.		
12.25% Senior Subordinated Note due 2006	\$ 2,675,000	6/23/97
Limited Partnership Interest (B)	10.04% int.	6/17/97
Warrant, exercisable until 2006, to purchase limited partnership interests at \$.01 per unit (B)	1,258 uts.	6/23/97
<hr/>		
TVI, INC.		
A retailer of used clothing in the United States, Canada and Australia.		
15.971% Subordinated Note due 2008	\$ 2,020,972	5/2/00
Common Stock (B)	354,167 shs.	5/2/00
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-26-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

CORPORATE RESTRICTED SECURITIES:(A) continued	Shares, Units Warrants, Ownership or Principal Amount	Acquisition Date
<hr/>		
USFLOW CORPORATION A distributor of industrial pipes, valves and fittings		
12.5% Senior Subordinated Note due 2007 (B)	\$ 3,463,000	12/14/99
Class B Common Stock (B)	664 shs.	12/14/99
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share (B)	565 shs.	12/14/99
<hr/>		
VICTORY VENTURES LLC An acquirer of controlling or substantial interests in other entities.		
Series A Preferred Units (B)	0.15% int.	12/2/96
<hr/>		
VITEX PACKAGING, INC. 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
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)	0.75% int.	12/18/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	308 shs.	**
<hr/>		
*12/30/97 and 9/9/99.		
<hr/>		
**1/2/98 and 12/18/00.		
<hr/>		
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	11/3/00
Senior Preferred Stock (B)	4,692 shs.	11/1/00
Class B Common Stock (B)	8,959 shs.	11/1/00
Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B)	3,979 shs.	11/3/00
<hr/>		
<hr/>		
WICOR AMERICAS, INC A manufacturer of cellulose based insulation products, systems and services for electrical trans		

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20% Senior Subordinated Secured Note due 2009 \$ 2,272,932 11/9/01

 Total Private Placement Investments
 =====

-27-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
 DECEMBER 31, 2002

CORPORATE RESTRICTED SECURITIES:(A) continued	Interest Rate	Due Date	Shares or Principal Amount

RULE 144A SECURITIES - 2.91%: (A)			
BONDS - 0.99%			
The Brickman Group, Ltd.	11.750%	12/15/09	\$ 475,000
Cuddy International Corp. (B)	10.750	12/01/07	229,062
Del Monte Corp.	8.625	12/15/12	225,000
Dex Media East LLC	9.875	11/15/09	475,000
Grant Prideco, Inc.	9.000	12/15/09	100,000
JohnsonDiversey, Inc.	9.625	05/15/12	210,000
RH Donnelley Fin Corp. I	8.875	12/15/10	110,000

TOTAL BONDS			\$ 1,824,062
			=====
CONVERTIBLE BONDS - 1.91%			
Advanced Micro Devices, Inc.	4.750%	02/01/22	\$ 500,000
Computer Associates Intl, Inc.	1.625	12/15/09	150,000
Cymer, Inc.	3.500	02/15/09	850,000
Echostar Communications, Inc.	4.875	01/01/07	400,000
F E I Company	5.500	08/15/08	375,000
General Semiconductor, Inc.	5.750	12/15/06	65,000
Hyperion Solutions Corp.	4.500	03/15/05	200,000
Invitrogen Corp.	2.250	12/15/06	425,000
Sanmina-SCI Corp. (B)	0.000	09/12/20	1,090,000
Triquint Semiconductor, Inc.	4.000	03/01/07	225,000
Viropharma, Inc.	6.000	03/01/07	215,000

TOTAL CONVERTIBLE BONDS			\$ 4,495,000
			=====
COMMON STOCK - 0.00%			
Jordan Telecom Products (B)			70
TOTAL COMMON STOCK			
WARRANTS - 0.01%			
Winslow Escrow Corp. (B)			900
TOTAL WARRANTS			
TOTAL RULE 144A SECURITIES			

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TOTAL CORPORATE RESTRICTED SECURITIES

-28-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

CORPORATE PUBLIC SECURITIES - 9.61%:(A)	Interest Rate	Due Date	Shares or Principal Amount

BONDS - 2.58%			
G F S I, Inc.	9.625%	03/01/07	\$ 145,000
Isle of Capri Casinos, Inc.	9.000	03/15/12	450,000
Neff Corp.	10.250	06/01/08	230,000
Numatics, Inc.	9.625	04/01/08	550,000
Remington Products Co.	11.000	05/15/06	600,000
S P X Corporation	7.500	01/01/13	500,000
Sports Club Co.	11.375	03/15/06	600,000
Telex Communications, Inc. (B)	0.000	11/15/06	373,182
United Refining Co.	10.750	06/15/07	1,365,000
Winsloew Escrow Corp.	12.750	08/15/07	900,000

TOTAL BONDS			\$ 5,713,182
			=====
COMMON STOCK - 3.39%			
Computer Horizons Corp. (B)			32,068
DT Industries, Inc. (B)			178,876
EOS International, Inc. (B)			100,000
Florist Transworld Delivery, Inc. (B)			29,374
H C I Direct, Inc. (B)			1,000
PepsiAmericas, Inc.			92,145
Proton Energy Systems, Inc. (B)			26,000
Rent-Way, Inc. (B)			92,866
Supreme Industries, Inc. (B)			105,202
Surebeam Corp. (B)			40,555
T G C Industries (B)			6,361
Titan Corp. (B)			58,052
Transmontaigne, Inc. (B)			333,326
Vina Technologies, Inc. (B)			572
W E C Company, Inc. (B)			5,938
Wellchoice, Inc. (B)			6,200
TOTAL COMMON STOCK			
CONVERTIBLE BONDS - 3.11%			
B E A Systems, Inc.	4.000%	12/15/06	\$ 525,000
Charter Communications, Inc.	4.750	06/01/06	660,000
Commscope, Inc.	4.000	12/15/06	185,000
Corning Inc. (B)	0.000	11/08/15	795,000
Cypress Semiconductor Corp.	4.000	02/01/05	210,000
Echostar Communications, Inc.	4.875	01/01/07	1,000,000
F E I Company	5.500	08/15/08	1,160,000
Hyperion Solutions Corp.	4.500	03/15/05	50,000
Mediacom Communications Corp.	5.250	07/01/06	1,045,000
Nextel Communications	4.750	07/01/07	200,000
S C I Systems, Inc.	3.000	03/15/07	800,000

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Sanmina-SCI Corp. (B)	0.000	09/12/20	1,190,000

TOTAL CONVERTIBLE BONDS			\$ 7,820,000
			=====

-29-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

CORPORATE PUBLIC SECURITIES: (A) continued

Shares

CONVERTIBLE PREFERRED STOCK - 0.52%	
Lucent Technologies Capital Trust I	2,200
TOTAL CONVERTIBLE PREFERRED STOCK	
PREFERRED STOCK - 0.01%	
Telex Communications, Inc.	17,708
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 - 6.33%			
Caterpillar Financial Services Corp.	1.200%	01/03/03	\$ 3,200,000
Conagra Foods, Inc.	1.450	01/02/03	1,865,000
DaimlerChrysler NA Holding Corp.	1.900	01/23/03	2,825,000
General Electric Capital Corp.	1.280	01/13/03	610,000
PACCAR Financial Corp.	1.300	01/06/03	2,325,000

TOTAL SHORT-TERM SECURITIES			\$ 10,825,000
			=====
TOTAL INVESTMENTS	110.81%		
Other Assets	3.29		
Liabilities	(14.10)		

TOTAL NET ASSETS	100.00%		
	=====		

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(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.

-30-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

CORPORATE RESTRICTED SECURITIES:	Fair Value

AUTOMOBILE - 5.69%	
America's Body Co., Inc./LCP Holding Co.	\$ 3,150,001
LIH Investors, L.P.	3,969,917
Nyloncraft, Inc.	2,613,368

	9,733,286

BEVERAGE, FOOD & TOBACCO - 2.15%	
Beta Brands, Inc.	732,559
Cains Foods, L.P.	112,854
Del Monte Corp.	229,500
Premium Foods Group, Inc.	2,599,301

	3,674,214

BROADCASTING & ENTERTAINMENT - 0.21%	
Echostar Communications, Inc.	354,000

BUILDINGS & REAL ESTATE - 10.68%	
Adorn, Inc.	2,220,025
Eagle Window & Door Holdings Co.	2,151,922
PGT Industries, Inc.	2,695,827
Shelter Acquisition, Inc.	2,066,920
Strategic Equipment & Supply Corp., Inc.	3,620,148
Therma-Tru Corporation	2,042,033
Truseal Technologies, Inc.	3,469,776

	18,266,651

CARGO TRANSPORT - 2.31%	
Kenan-Advantage Transport Company	2,139,305
Tidewater Holdings, Inc.	1,807,008

	3,946,313

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CHEMICAL, PLASTICS & RUBBER - 2.88%	
Delstar Holdings Corp.	342
Process Chemicals LLC	2,755,828
RK Polymers LLC	2,162,424
<hr style="border-top: 1px dashed black;"/>	
	4,918,594
<hr style="border-top: 1px dashed black;"/>	
CONSUMER PRODUCTS - 12.72%	
Alpha Shirt Company	6,473,296
The Brickman Group, Ltd.	496,375
Colibri Holdings Corporation	2,096,280
Consumer Product Enterprises, Inc.	550,115
Corvest Group, Inc.	3,933,355
Dexter Magnetic Technologies, Inc.	1,591,180
G C-Sun Holdings, L.P.	1,293,759
Keepsake Quilting, Inc.	2,010,280
The Tranzonic Companies	3,306,124
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	21,750,764
<hr style="border-top: 1px dashed black;"/>	
CORPORATE RESTRICTED SECURITIES:	Fair Value
<hr style="border-top: 1px dashed black;"/>	
CONTAINERS, PACKAGING & GLASS - 6.39%	
C & K Financing Company LLC	\$ 33,818
Capitol Specialty Plastics, Inc.	403
Paradigm Packaging, Inc.	2,364,694
Plassein Packaging Corporation	741,909
Selig Acquisition Corporation	2,139,438
Snyder Industries, Inc.	3,160,706
Vitex Packaging, Inc.	2,497,477
<hr style="border-top: 1px dashed black;"/>	
	10,938,445
<hr style="border-top: 1px dashed black;"/>	
DIVERSIFIED/CONGLOMERATE, MANUFACTURING - 13.78%	
DT Industries, Inc.	400,000
Evans Consoles, Inc.	2,383,849
Highgate Capital LLC	150,000
Hussey Seating Company	2,452,544
Jackson Products, Inc.	307,282
Jason, Inc.	1,881,114
NPC, Inc.	3,854,233
PW Eagle, Inc.	4,286,440
Safety Speed Cut Manufacturing Company, Inc.	3,512,915
Tinnerman-Palnut Engineered Components	2,112,375
Wicor Americas, Inc.	2,222,799
<hr style="border-top: 1px dashed black;"/>	
	23,563,551
<hr style="border-top: 1px dashed black;"/>	
DIVERSIFIED /CONGLOMERATE, SERVICE - 7.82%	
Diversco, Inc./DHI Holdings, Inc.	1,113,655
Examination Management Services, Inc.	2,389,624
Hamilton Funeral Services Centers, Inc.	380,271
Lancaster Laboratories, Inc.	2,088,920
Pharmaceutical Buyers, Inc.	897,456
Sabex 2002, Inc.	2,169,956
SpectaGuard Acquisition LLC	2,270,375
Washington Inventory Services, Inc.	2,071,392
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13,381,649

ELECTRONICS - 7.02%	
Advanced Micro Devices, Inc.	311,250
Computer Associates Int'l, Inc.	147,626
Coining Corporation of America	2,217,318
Directed Electronics, Inc	4,234,921
Evolve Software, Inc	16
Fairmarket, Inc	314
Hyperion Solutions Corp.	195,500
IBEAM Broadcasting Corporation	--
Integration Technology Systems, Inc.	1,799,678
Precision Dynamics, Inc.	2,480,045
Progressive Software Holdings, Inc.	13,139
Sanmina-SCI Corp.	444,175
Triquint Semiconductor, Inc.	174,094

	12,018,076

-31-

MASSMUTUAL CORPORATE INVESTORS

CONSOLIDATED SCHEDULE OF INVESTMENTS
DECEMBER 31, 2002

CORPORATE RESTRICTED SECURITIES:	Fair Value

FARMING & AGRICULTURE - 0.61%	
Cuddy International Corp.	\$ 22,906
Polymer Technologies, Inc./Poli-Twine Western, Inc.	967,325
Protein Genetics, Inc.	50,175

	1,040,406

HEALTHCARE, EDUCATION & CHILDCARE - 2.96%	
Beacon Medical Products, Inc.	2,041,086
DHD Healthcare, Inc.	1,759,566
Enzymatic Therapy, Inc.	1,168,755
Viropharma, Inc.	88,956

	5,058,363

HOME & OFFICE FURNISHINGS, HOUSEWARES, AND DURABLE CONSUMER PRODUCTS - 6.81%	
Fasteners for Retail, Inc.	5,818,625
JohnsonDiversey, Inc.	220,500
Moss, Inc.	1,442,843
Star International, Inc.	4,176,573

	11,658,541

LEISURE, AMUSEMENT, ENTERTAINMENT - 2.36%	
Adventure Entertainment Corporation	20,705

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Grand Expeditions, Inc	852,824
Olympic Sales, Inc.	3,160,070

	4,033,599

MACHINERY - 3.04%	
Ames True Temper Group	2,082,827
C & M Conveyor, Inc.	2,291,454
Cymer, Inc.	833,000

	5,207,281

MINING, STEEL, IRON & NON PRECIOUS METALS - 0.09%	
Better Minerals & Aggregates	147,622

MISCELLANEOUS - 1.45%	
CapeSuccess LLC	7,747
Dex Media East LLC	510,625
East River Ventures I, L.P.	39,814
General Semiconductor, Inc.	60,531
Invitrogen Corp.	358,594
RH Donnelley Fin Corp I	117,700
USFlow Corporation	1,385,200
Victory Ventures LLC	2
Winsloew Escrow Corp.	9,000

	2,489,213

CORPORATE RESTRICTED SECURITIES:	Fair Value

OIL AND GAS - 1.02%	
Chaparral Resources, Inc.	\$ 148
Grant Prideco, Inc.	104,000
Mustang Ventures Company	1,640,225

	1,744,373

PERSONAL TRANSPORTATION - 2.16%	
Tronair, Inc.	3,696,857

RETAIL STORES - 2.53%	
P H I Holdings Company	2,083,871
TVI, Inc.	2,243,644

	4,327,515

TELECOMMUNICATIONS - 0.01%	
Jordan Telecom Products	--

TECHNOLOGY - 0.18%	
F E I Company	304,687

Total Corporate Restricted Securities - 94.87%	\$162,254,000
=====	

MASSMUTUAL CORPORATE INVESTORS

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
DECEMBER 31, 2002 AND 2001

1. HISTORY

MassMutual Corporate Investors (the "Trust") is a closed-end, non-diversified investment company. David L. Babson & Company Inc. ("Babson"), a majority owned subsidiary of Massachusetts Mutual Life Insurance Company, ("MassMutual"), acts as its investment adviser.

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

On January 27, 1998, the Board of Trustees authorized the formation of a wholly-owned subsidiary ("MMCI Subsidiary Trust") for the purpose of holding certain investments. The results of MMCI Subsidiary Trust have been included in the accompanying consolidated financial statements.

2. SIGNIFICANT ACCOUNTING POLICIES

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

A. VALUATION OF INVESTMENTS:

Valuation of a security in the Trust's portfolio is made on the basis of market price whenever market quotations are readily available and all securities of the same class held by the Trust can be readily sold in such market. Nearly all securities which are acquired by the Trust directly from the issuers and shares into which such securities may be converted or which may be purchased on the exercise of warrants attached to such securities will be subject to legal or contractual delays in or restrictions on resale and will therefore be "restricted securities". Generally speaking, as contrasted with open-market sales of unrestricted securities which may be effected immediately if the market is adequate, restricted securities can be sold only in a directly negotiated transaction to a limited number of purchasers or in a public offering for which a registration statement is in effect under the Securities Act of 1933.

The value of restricted securities, and of any other assets for which there are no reliable market quotations, is the fair value as determined in good faith by the Board of Trustees of the Trust (the "Trustees"). Each restricted security is valued by the Trustees at the time of the acquisition thereof and at least quarterly thereafter. The Trustees have established guidelines to aid in the valuation of each security. Generally, restricted securities are initially valued at cost or less at the time of acquisition by the Trust. Values greater or less than cost are used thereafter for restricted securities in appropriate circumstances. Among the factors ordinarily considered are the existence of restrictions upon the sale of the security by the Trust; an estimate of the existence and extent of a market for the security; the extent of any discount at which

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the security was acquired; the estimated period of time during which the security will not be freely marketable; the estimated expenses of registering or otherwise qualifying the security for public sale; estimated underwriting commissions if underwriting would be required to effect a sale; in the case of a convertible security, whether or not it would trade on the basis of its stock equivalent; in the case of a debt obligation which would trade independently of any equity equivalent, the current yields on comparable securities; the estimated amount of the floating supply of such securities available; the proportion of the issue held by the Trust; changes in the financial condition and prospects of the issuer; the existence of merger proposals or tender offers affecting the issuer; and any other factors affecting fair value, all in accordance with the Investment Company Act of 1940. In making valuations, opinions of counsel may be relied upon as to whether or not securities are restricted securities and as to the legal requirements for public sale.

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

The Board of Trustees of the Trust meets at least once in each quarter to value the Trust's portfolio securities as of the close of business on the last business day of the preceding quarter. This valuation requires the approval of a majority of the Trustees of the Trust, including a majority of the Trustees who are not interested persons of the Trust (otherwise than as Trustees) or of Babson. In making valuations, the Trustees will consider reports by Babson analyzing each portfolio security in accordance with the relevant factors referred to above. Babson has agreed to provide such reports to the Trust at least quarterly.

The financial statements include restricted securities valued at \$162,254,000 (94.87% of net assets) as of December 31, 2002 (\$165,049,591 at December 31, 2001) whose values have been estimated by the Board of Trustees in the absence of readily ascertainable market values. Due to the inherent uncertainty of valuation, those estimated values may differ significantly from the values that would have been used had a ready market for the securities existed, and the differences could be material.

The values for corporate public securities are stated at the last reported sales price or at prices based upon quotations obtained from brokers and dealers as of December 31, 2002, subject to discount where appropriate, and are approved by the Trustees.

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

B. ACCOUNTING FOR INVESTMENTS:

Investment transactions are accounted for on trade date. Dividend income is recorded on the ex-dividend date. Interest income is recorded on the accrual basis.

The Trust has elected to accrue, for financial reporting purposes, certain premiums and discounts which are required to be accrued for federal income tax purposes.

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MASSMUTUAL CORPORATE INVESTORS

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS DECEMBER 31, 2002 AND 2001

Realized gains and losses on investment transactions and unrealized appreciation and depreciation of investments are reported for financial statement and federal income tax purposes on the identified cost method.

The Trust does not accrue income when payment is delinquent and when management believes payment is questionable.

C. USE OF ESTIMATES:

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

D. FEDERAL INCOME TAXES:

No provision for federal taxes on net investment income and short-term capital gains is considered necessary because the Trust has elected to be taxed as a "regulated investment company" under the Internal Revenue Code, and intends to maintain this qualification and to distribute substantially all of its net taxable income to its shareholders. In any year when net longterm capital gains are realized by the Trust, management, after evaluating the prevailing economic conditions, will recommend to the Trustees either to designate the net realized long-term gains as undistributed and to pay the federal capital gains taxes thereon or to distribute all or a portion of such net gains.

In 2002, the Trust reclassified (\$68,784) from undistributed net investment income to additional paid-in-capital to more accurately portray the Trust's financial position. This reclass has no impact on the Trust's net asset value per share.

E. RECLASSIFICATIONS

Certain amounts from prior years' financial statements have been reclassified to conform with current year presentation.

3. INVESTMENT ADVISORY FEE

Under an investment services contract, Babson has agreed to invest for MassMutual general account concurrently with the Trust in each restricted security purchased by the Trust. Babson, in addition to originating and sharing in the purchase of such securities, represents the Trust in any negotiations with issuers, investment banking firms, securities brokers or dealers and other institutions or investors relating to the Trust's investments. Babson provides a continuing review of the investment operations of the Trust. Babson also provides the Trust with office space and office equipment, accounting and bookkeeping services, and necessary executive, clerical and secretarial personnel for the performance of the foregoing services.

Under the investment services contract, as amended July 1, 1988, the Trust pays Babson a quarterly base rate (the "Base Fee Rate") of 5/16 of 1% of the value of the Trust's net assets as of the end of each fiscal quarter, approximately equivalent to 1.25% of the net asset value of the Trust on an annual basis, plus or minus a quarterly performance adjustment (the "Performance Adjustment") of up to 1/16 of 1% approximately equivalent to .25% on an annual basis.

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The Performance Adjustment is based on the Trust's performance as compared to a benchmark rate of return (the "Target Rate") equal to 5.0 percentage points plus an unweighted, arithmetic average of the rates of return on the Standard & Poor's Industrial Stock Price Index and the Lehman Brothers Intermediate Credit Bond Index (formerly called the Lehman Brothers Intermediate Corporate Bond Index) over a rolling three-year period (the "Measurement Period") comprising the twelve quarters ending on the last day of each quarter (the "Valuation Date"). The Performance Adjustment is equal to 5% of the difference between the Trust's actual rate of return over the Measurement Period and the Target Rate. If the Trust's actual rate of return exceeds the Target Rate, the Base Fee Rate is increased by an amount equal to the Performance Adjustment; if the Trust's actual rate of return is less than the Target Rate, the Base Fee Rate is reduced by the Performance Adjustment. The advisory fee payable by the Trust is equal to the Base Fee Rate (as adjusted by the Performance Adjustment) times the net asset value of the Trust as of the Valuation Date. The Performance Adjustment for the quarters ended March 31, June 30, September 30 and December 31, 2002 was:

	Performance Adjustment	Amount
	-----	-----
March 31, 2002	0.0625%	\$114,090
June 30, 2002	0.0625%	\$112,914
September 30, 2002	0.0625%	\$108,793
December 31, 2002	0.0625%	\$107,295

4. SENIOR SECURED INDEBTEDNESS

A. NOTE PAYABLE

MassMutual holds the Trust's \$20,000,000 Senior Fixed Rate Convertible Note (the "Note") issued by the Trust in 1995. The Note, as amended, is due November 15, 2007 and accrues at 7.39% per annum. MassMutual, at its option, can convert the principal amount of the Note into common shares. The dollar amount of principal would be converted into an equivalent dollar amount of common shares based upon the average price of the common shares for ten business days prior to the notice of conversion. For each of the years ended December 31, 2002 and 2001, the Trust incurred total interest expense on the Note of \$1,478,000.

B. REVOLVING CREDIT AGREEMENT

The Trust entered into a Revolving Credit Agreement (the "Revolver") with Fleet National Bank as of June 29, 2000, in the principal amount of \$25,000,000, maturing on May 31, 2005. The interest rate on the outstanding revolving loan is determined for periods of one, three or six months (as selected by the Trust) and is set at an annual rate equal to LIBOR (London Interbank Offered Rate) plus 0.37%. The Trust also agreed to pay an up-front fee equal to 0.10% on the total commitment. The facility fee is 0.15% per annum of the total commitment.

As of December 31, 2002 and 2001, there were no outstanding loans drawn against the Revolver. For each of the years ended December 31, 2002 and 2001, the Trust incurred \$37,500 and \$37,397, respectively, in expense related to the undrawn portion.

-34-

MASSMUTUAL CORPORATE INVESTORS

DECEMBER 31, 2002 AND 2001
Notes to Consolidated Financial Statements

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5. PURCHASES AND SALES OF INVESTMENTS

	For the Year Ended 12/31/2002	For the Year Ended 12/31/2001

Cost of Investments Acquired		

Corporate restricted securities	\$ 50,028,750	\$ 29,582,911
Corporate public securities	12,960,717	16,987,578
Short-term securities	504,894,722	579,764,573

Proceeds from Sales or Maturities		

Corporate restricted securities	\$ 49,886,380	\$ 40,001,873
Corporate public securities	13,171,712	19,329,657
Short-term securities	504,775,518	576,507,503

The aggregate cost of investments was the same for financial reporting and federal income tax purposes as of December 31, 2002. The net unrealized depreciation of investments for financial reporting and federal tax purposes as of December 31, 2002 is \$38,223,998 and consists of \$14,308,440 appreciation and \$52,532,438 depreciation.

The aggregate cost of investments was the same for financial reporting and federal income tax purposes as of December 31, 2001. The net unrealized depreciation of investments for financial reporting and federal tax purposes as of December 31, 2001 is \$35,272,097 and consists of \$13,236,957 appreciation and \$48,509,054 depreciation.

6. QUARTERLY RESULTS OF INVESTMENT OPERATIONS (UNAUDITED)

	Amount	Per Share	Amount	Per Share

March 31, 2002		March 31, 2001		

Investment income	\$ 4,810,387		\$ 4,901,147	
Net investment income	3,587,006	\$ 0.41	3,729,498	\$ 0.43
Net realized and unrealized gain (loss) on investments	2,640,053	0.30	(1,686,474)	(0.19)

June 30, 2002		June 30, 2001		

Investment income	4,866,101		5,051,877	
Net investment income	3,767,012	0.43	3,844,565	0.44
Net realized and unrealized (loss) gain on investments	(2,039,467)	(0.23)	2,449,657	0.28

September 30, 2002		September 30, 2001		

Investment income	4,537,861		4,875,161	
Net investment income	3,338,262	0.38	3,737,511	0.43
Net realized and unrealized loss on investments	(6,640,118)	(0.75)	(7,180,355)	(0.83)

December 31, 2002		December 31, 2001		

Investment income	4,023,523		4,661,551	
Net investment income	2,812,452	0.31	3,545,560	0.40
Net realized and unrealized				

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gain on investments 791,453 0.09 1,785,165 0.21

7. CONTINGENCIES

The Trust, together with other investors including MassMutual, is a plaintiff in two lawsuits in connection with private placement investments made by the Trust in Sharp International Corporation ("Sharp"). Three managing shareholders of Sharp, which is currently being liquidated in Chapter 7 liquidation proceedings, have pleaded guilty to criminal fraud charges. Two separate civil lawsuits have been brought in New York state court in an attempt to recover damages for lost investment funds from Sharp's working capital lender and auditors. The Trust is unable to estimate any potential recovery from these lawsuits as of February 7, 2003.

-35-

MASSMUTUAL PARTICIPATION INVESTORS

INTERESTED TRUSTEES

NAME (AGE), ADDRESS, POSITION WITH THE TRUST	PRINCIPAL OCCUPATION DURING THE PAST FIVE YEARS/OTHER DIRECTORSHIPS HELD	SERVICE BEGAN TERM ENDS
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STUART H. REESE* (47) MassMutual Life Ins. Co. 1295 State Street Springfield, MA 01111 Trustee Chairman (since 1999) President (1993-1999)	Executive Vice President and Chief Investment Officer (since 1999) of MassMutual Director and CEO (since 2000) and President (2000-2001) of Babson Chief Executive Director (1997-1999) Senior Vice President (1993-1997), of MassMutual President (1993-1999), Chairman and Trustee (1999), MML Series Investment Fund Director (since 1995), MassMutual Corporate Value Partners President (1994-1999), Chairman and Trustee (1999), MassMutual Institutional Funds Director (since 1993), MML Baystate Life Insurance Company Advisory Board Member (since 1995), Kirtland Capital Partners Advisory Board Member (since 1996), MassMutual High Yield Partners II Director (since 1996), CM Assurance Company Director (since 1996), CM Benefit Insurance Company Director (since 1996), CM Life Insurance Company Director (since 1996), CM International, Inc Chairman (since 1999) and Director (since 1996), Antares Capital Corporation Director (since 1996), Charter Oak Capital Management, Inc. Director (since 1996), State House I Corporation President (since 1998), MassMutual/Darby CBO LLC Director (since 1999), MLDP Holdings Chairman (since 2000), Cornerstone Real Estate Advisers Inc. Trustee, Chairman (since 1999), and President (1993-1999), MassMutual Participation Investors (closed-end investment company advised by Babson).	1999/2003
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Number of portfolios in Fund Complex overseen: 41

RICHARD G. DOOLEY** (73) MassMutual Life Ins. Co. 1295 State Street Springfield, MA 01111 Trustee Vice-Chairman (since 1995)	Consultant (since 1993) and former Executive Vice President and Chief Investment Officer of MassMutual Director (since 1992), Kimco Realty Corp. (shopping center ownership and management) Director (since 1993), Jeffries Group, Inc. (financial services holding company) Chairman	1974/2003
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Chairman (1982-1995, 1999) (1988-1995, 1999), Vice Chairman (1995-1999) and Trustee, MML Series Investment Fund (open-end investment company advised by the Insurance Company) Chairman (1988-1995, 1999), Vice Chairman (since 1995) and Trustee (since 1988), MassMutual Participation Investors (closed-end investment company advised by Babson).

Number of portfolios in Fund Complex overseen: 41

* Mr. Reese is an "interested person" of the Trust (as defined in the Investment Company Act of 1940, amended) because of his position as an Officer of the Trust and a Director and CEO of Babson.

** Mr. Dooley is an "interested person" of the Trust (as defined in the Investment Company Act of 1940, amended) because of his position as an Officer of the Trust and as a consultant to MassMutual.

-36-

MASSMUTUAL PARTICIPATION INVESTORS

INDEPENDENT TRUSTEES

NAME (AGE), ADDRESS, POSITION WITH THE TRUST	PRINCIPAL OCCUPATION DURING THE PAST FIVE YEARS/OTHER DIRECTORSHIPS HELD	SERVICE BEGAN TERM ENDS
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DONALD E. BENSON (72) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115 Trustee	Executive Vice President and Director (since 1992), Marquette Financial Companies (financial services) Partner (since 1996), Benson Family Limited Partnership No. 1 and Benson Family Limited Partnership No. 2 (investment partnerships) Partner (since 1987), Benson, Pinckney, Oates Partnership (building partnership) Director (since 1997), National Mercantile Bancorp (bank holding company) and Mercantile National Bank Director, Mesaba Holdings, Inc. (commuter airline) Trustee (since 1988), MassMutual Participation Investors (closed-end investment company advised by Babson).	1986/2004
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Number of portfolios in Fund Complex overseen: 2

DONALD GLICKMAN (69) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115 Trustee	Chairman (since 1992), Donald Glickman and Company, Inc. (investment banking) Director (1988-2000), CalTex Industries, Inc. (manufacturer of windows) Director (since 1984), Monro Muffler Brake, Inc. (automobile repair service) Director (since 1998), MSC Software, Inc. Chairman (since 1998), Elgar Electronics (manufacturer of electronic power supplies) Director (since 2002), Racal Instrument Group (manufacturer of electronic test equipment) Director (since 2002), OAOT, Inc. (ITC services) Director (since 1999), SDI, Inc. (manufacturer of airbag initiations) Partner (since 1992), J.F. Lehman & Co. (private investments) Trustee (since 1992), MassMutual Participation Investors (closed-end investment company advised by Babson).	1992/2004
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Number of portfolios in Fund Complex overseen: 2

<p>MARTIN T. HART (67) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115 Trustee</p>	<p>Private investor President and Director (1983-2000), H Corporation Partner (1986-2000), Consolidated Nursery Properties (wholesale nursery and garden center) Director (since 1997), T-Netix Inc. (communications company) Director (since 1999), ValueClick Inc. (internet advertising company) Director (since 2002), Spectranetics Corporation (medical device company) Trustee (since 1991), MassMutual Participation Investors (closed-end investment company advised by Babson).</p>	<p>1991/2003</p>
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Number of portfolios in Fund Complex overseen: 2

<p>STEVEN A. KANDARIAN (50) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115 Trustee</p>	<p>Executive Director (since 2001), Pension Benefit Guaranty Corp., (a federal pension agency) Managing Director (1993-2001), Orion Partners, L.P. (a private equity fund) Trustee (since 2002), The DLB Fund Group (open-end investment company advised by Babson) Trustee (since 2002), MassMutual Participation Investors (a closed-end investment company advised by Babson).</p>	<p>2002/2005</p>
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Number of portfolios in Fund Complex overseen: 13

<p>JACK A. LAUGHERY (68) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115 Trustee</p>	<p>Chairman (1997-1998), President and Partner (since 1996), Laughery Investments Chairman (1997-1998), Papa John's New England (food service) Director (since 1993), Papa John's International (food service companies) Director (since 1994), Houston Pizza Venture LLC (pizza restaurant) Partner (since 1987), Coastal Lodging (hotels) Part Owner (since 1998), Rocky Mount Harley Davidson Partner (since 1996), Papa John's Iowa Director (since 2001), Papa John's United (food service) Trustee (since 1996), MassMutual Participation Investors (closed-end investment company advised by Babson).</p>	<p>1996/2005</p>
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Number of portfolios in Fund Complex overseen: 2

<p>CORINE T. NORGAARD (65) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115 Trustee</p>	<p>Dean (since 1996), Barney School of Business and Public Administration, University of Hartford Director (since 1997), The Advest Bank Trustee (since 1993), Aetna Series Fund (investment company) Director (since 1992), Aetna Variable Series Fund Trustee (since 1998), MassMutual Participation Investors (a closed-end investment company advised by Babson).</p>	<p>1998/2005</p>
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Number of portfolios in Fund Complex overseen: 2

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OFFICERS OF THE TRUST

NAME (AGE), ADDRESS, POSITION WITH THE TRUST	PRINCIPAL OCCUPATION DURING THE PAST FIVE YEARS	POSITION HELD SINCE THIS DATE
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ROBERT E. JOYAL (58) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115 President	President (since 2001) and Managing Director (2000-2001) of Babson Executive Director (1997-1999), Vice President and Managing Director (1987-1997) of MassMutual Director (since 1996), Antares Leverage Capital Corp. Director (since 1999), MassMutual Corporate Value Partners Limited Advisory Board Member (since 1996), MassMutual High Yield Partners II, LLC President (since 1999), MassMutual Corporate Investors President (since 1999), MassMutual Participation Investors.	1999
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CLIFFORD M. NOREEN (45) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115 Vice President	Vice President (since 1993) of the Trust Managing Director (since 2000) of Babson Managing Director (1996-1999), Vice President (1995-1996) of MassMutual Vice President (since 1993), MassMutual Participation Investors.	1993
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ROGER W. CRANDALL (38) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115 Vice President	Vice President (since 2002) of the Trust Managing Director (since 2000) of Babson Managing Director (1993-2000) of MassMutual Vice President (since 2002), MassMutual Participation Investors.	2002
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STEPHEN L. KUHN (56) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115 Vice President & Secretary	Vice President (since 1989) and Secretary (since 1980) of the Trust General Counsel and Clerk (since 2000) of Babson Senior Vice President and Deputy General Counsel (since 1999), Vice President and Deputy General Counsel (1998-1999), Vice President and Associate General Counsel (1992-1998) of MassMutual Vice President and Secretary (since 1988), MassMutual Participation Investors.	Secretary (since 1980) Vice President (since 1989)
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-38-

MASSMUTUAL PARTICIPATION INVESTORS

OFFICERS OF THE TRUST

NAME (AGE), ADDRESS, POSITION WITH THE TRUST	PRINCIPAL OCCUPATION DURING THE PAST FIVE YEARS	POSITION HELD SINCE THIS DATE
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CHARLES C. MCCOBB, JR. (59)	Chief Financial Officer (since 1998) and Vice	Vice President
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MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115 Vice President & Chief Financial Officer	President (since 1997) of the Trust Managing Director (since 2000) of Babson Managing Director (1997-1999) of MassMutual Managing Director and Vice President (1994-1997), Citicorp, Inc. (banking) Chief Financial Officer (since 1998) and Vice-President (since 1997), MassMutual Participation Investors.	(since 1997) CFO (since 1998)
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MARK B. ACKERMAN (37) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115 Treasurer	Treasurer (since 1998), Comptroller (1997-1998) and Associate Treasurer (1995-1998) of the Trust Managing Director (since 2000) of Babson Investment Director (1994-1999) of MassMutual Treasurer (since 1998), Comptroller (1997-1998), and Associate Treasurer (1995-1998), MassMutual Participation Investors.	1998
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JOHN T. DAVITT, JR. (35) MassMutual Corporate Investors 1500 Main Street, Suite 1100 Springfield, MA 01115 Comptroller	Comptroller (since 2001) of the Trust Director (since 2000) of Babson Associate Director (1997-1999) of MassMutual Comptroller (since 2001), MassMutual Participation Investors.	2001
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-39-

INDEPENDENT AUDITORS' REPORT

To the Shareholders and the Board of Trustees of MassMutual
 Corporate Investors

We have audited the accompanying consolidated statements of assets and liabilities of MassMutual Corporate Investors (the "Trust") as of December 31, 2002 and 2001 (including the consolidated schedule of investments as of December 31, 2002), and the related consolidated statements of operations, cash flows, changes in net assets for the two years then ended and the consolidated selected financial highlights for the four-year period ended December 31, 2002. These consolidated financial statements and consolidated selected financial highlights are the responsibility of the Trust's management. Our responsibility is to express an opinion on these consolidated financial statements and consolidated selected financial highlights based on our audits. The consolidated selected financial highlights for the year ended December 31, 1998 and for each of the years in the six-year period then ended were audited by other auditors, whose report, dated February 25, 1999 expressed an unqualified opinion on those consolidated selected financial highlights.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those

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standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements and consolidated selected financial highlights are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the consolidated financial statements. Our procedures included verification of securities owned as of December 31, 2002, by counting of securities at the custodian and confirmation of securities owned as of December 31, 2002 by correspondence with the custodian and brokers. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall consolidated financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements and consolidated selected financial highlights referred to above present fairly, in all material respects, the financial position of the Trust as of December 31, 2002 and 2001, and the results of its operations, its cash flows, changes in net assets for the two years then ended, and consolidated selected financial highlights for the four-year period ended December 31, 2002, in conformity with accounting principles generally accepted in the United States of America.

DELOITTE & TOUCHE LLP

New York, New York
February 7, 2003

-40-

MASSMUTUAL PARTICIPATION INVESTORS

[PHOTO] Members of the Board of Trustees (LEFT TO RIGHT):
Donald Glickman, Chairman, Donald Glickman &
Company, Inc., Steven A. Kandarian, Executive
Director, Pension Benefit Guaranty Corp., Jack A.
Laughery, President and Partner, Laughery
Investments, Richard G. Dooley, Retired Executive
Vice President and Chief Investment Officer,
Massachusetts Mutual Life Insurance Company

DIVIDEND REINVESTMENT AND SHARE PURCHASE PLAN

MassMutual Corporate Investors offers a Dividend Reinvestment and Share Purchase Plan. The Plan provides a simple way for shareholders to add to their holdings in the Trust through the receipt of dividend shares issued by the Trust or through the reinvestment of cash dividends in Trust shares purchased in the open market. A shareholder may join the Plan by filling out and mailing an authorization card to Shareholder Financial Services, Inc., the Transfer Agent. Participating shareholders will continue to participate until they notify the Transfer Agent, in writing, of their desire to terminate participation. Unless a shareholder elects to participate in the Plan, he or she will, in effect, have elected to receive dividends and distributions in cash.

Participating shareholders may also make additional contributions to the Plan from their own funds. Such contributions may be made by personal check or other means in an amount not less than \$10 nor more than \$5,000 per quarter.

Whenever the Trust declares a dividend payable in cash or shares, the Transfer

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

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

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

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

Members of the Board of Trustees (LEFT TO RIGHT):

Stuart H. Reese, Executive Vice President and Chief Investment Officer, Massachusetts Mutual Life Insurance Company Corine T. Norgaard,* Dean, Barney School of Business and Public Administration, University of Hartford, Martin T. Hart,* Private Investor Donald E. Benson,* Executive Vice President and Director, Marquette Financial Companies, *Member of Audit Committee [PHOTO]

OFFICERS	Robert E. Joyal	Roger W. Crandall	Michael L. Klofas	Richard
Stuart H. Reese	President	Vice President	Vice President	Vice Pre
Chairman				
Richard G. Dooley	Charles C. McCobb, Jr.	Michael P. Hermsen	Richard C. Morrison	Mark B.
Vice Chairman	Vice President and Chief Financial Officer	Vice President	Vice President	Treasure
	Stephen L. Kuhn	Mary Wilson Kibbe	Clifford M. Noreen	John T.
	Vice President and Secretary	Vice President	Vice President	Comptrol

MASSMUTUAL PARTICIPATION INVESTORS

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