

Rollings Michael Thomas  
 Form 5  
 February 15, 2008

**FORM 5**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549**

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person \*  
 Rollings Michael Thomas

(Last) (First) (Middle)

MASSACHUSETTS MUTUAL  
 LIFE INSURANCE CO, 1295  
 STATE STREET

(Street)

SPRINGFIELD, MA 01111

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 MASSMUTUAL CORPORATE INVESTORS [MCI]

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
 12/31/2007

4. If Amendment, Date Original Filed (Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Investment Adviser Director

6. Individual or Joint/Group Reporting

(check applicable line)

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D) Price			

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
MassMutual Non-Qualified Thrift Plan	\$ 0	01/12/2007	Â	J <sup>(1)</sup>	359.65	Â	Â	Â	Â	Capital Stock	359.6
MassMutual Non-Qualified Thrift Plan	\$ 0	03/15/2007	Â	J <sup>(3)</sup>	12.08	Â	Â	Â	Â	Capital Stock	12.08
MassMutual Non-Qualified Thrift Plan	\$ 0	03/29/2007	Â	J <sup>(3)</sup>	12.25	Â	Â	Â	Â	Capital Stock	12.25
MassMutual Non-Qualified Thrift Plan	\$ 0	04/12/2007	Â	J <sup>(3)</sup>	13.11	Â	Â	Â	Â	Capital Stock	13.11
MassMutual Non-Qualified Thrift Plan	\$ 0	04/26/2007	Â	J <sup>(3)</sup>	13.94	Â	Â	Â	Â	Capital Stock	13.94
MassMutual Non-Qualified Thrift Plan	\$ 0	05/18/2007	Â	J <sup>(1)</sup>	195.46	Â	Â	Â	Â	Capital Stock	195.4
MassMutual Non-Qualified Thrift Plan	\$ 0	08/10/2007	Â	J <sup>(1)</sup>	234.21	Â	Â	Â	Â	Capital Stock	234.2
MassMutual Non-Qualified Thrift Plan	\$ 0	11/16/2007	Â	J <sup>(1)</sup>	237.88	Â	Â	Â	Â	Capital Stock	237.8

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Rollings Michael Thomas MASSACHUSETTS MUTUAL LIFE INSURANCE CO 1295 STATE STREET SPRINGFIELD, MA 01111	Â	Â	Â	Investment Adviser Director

## Signatures

By: Sara C. Stinson as  
Attorney-in-fact for

02/13/2008

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Babson Capital and MassMutual each offer a non-qualified compensation deferral plan where certain officers are permitted to defer a portion of their compensation into the plans. Deferred compensation into a plan is allocated among one or more investment options at the election of the plan participant. Each plan has an investment option that derives its value from the market value of MassMutual Corporate Investors' common shares (and includes the value of reinvested dividends). However, pursuant to the terms of the plans, neither the plans nor the participants have an actual ownership interest in the common shares. The shares beneficially owned include the number of shares of MassMutual Corporate Investors represented by the value of the MassMutual Corporate Investors investment option under the plan held by the plan participant. Specific transactions itemized herein may reflect a change in plan value on account of the reinvestment of investment option dividend credits.

- (1) Exercisable only upon termination, retirement or other plan permitted event. Plan holdings may be "liquidated" and reallocated into other plan investment options by the plan participant. The derivative has no actual securities underlying the plan agreement, which is entirely notional.
- (2) The specific transactions itemized herein represents contribution into the non-qualified compensation deferral plan.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.