

Rollings Michael Thomas  
Form 5  
February 15, 2008

**FORM 5**

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

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

## OMB APPROVAL

OMB  
Number: 3235-0362  
Expires: January 31,  
2005  
Estimated average  
burden hours per  
response... 1.0

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

(Last) (First) (Middle)

MASSACHUSETTS MUTUAL  
LIFE INSURANCE CO,Â 1295  
STATE STREET

(Street)

SPRINGFIELD,Â MAÂ 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

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

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

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

6. Individual or Joint/Group Reporting

(check applicable line)

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

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

**Persons who respond to the collection of information  
contained in this form are not required to respond unless  
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SEC 2270  
(9-02)

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

## Reporting Owners

| Reporting Owner Name / Address                                                                                    | Relationships |           |         |                             |
|-------------------------------------------------------------------------------------------------------------------|---------------|-----------|---------|-----------------------------|
|                                                                                                                   | Director      | 10% Owner | Officer | Other                       |
| Rollings Michael Thomas<br>MASSACHUSETTS MUTUAL LIFE INSURANCE CO<br>1295 STATE STREET<br>SPRINGFIELD,Â MAÂ 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.