

## MASSMUTUAL CORPORATE INVESTORS

Form 4

December 26, 2007

**FORM 4****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).

**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  
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(Print or Type Responses)

1. Name and Address of Reporting Person \*  
CRANDALL ROGER W

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

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

(Last) (First) (Middle)  
BABSON CAPITAL  
MANAGEMENT LLC, 1500 MAIN  
ST PO BOX 15189

3. Date of Earliest Transaction  
(Month/Day/Year)  
12/20/2007

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_\_\_X\_\_\_\_ Officer (give title below) \_\_\_\_X\_\_\_\_ Other (specify below)  
Officer/ Dir Issuer & Adviser / Officer/ Dir  
Issuer & Adviser

(Street)  
SPRINGFIELD, MA 01115-5189

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

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
\_\_\_\_X\_\_\_\_ Form filed by One Reporting Person  
\_\_\_\_ Form filed by More than One Reporting  
Person

(City) (State) (Zip)

**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) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<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) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
| Capital<br>Stock                      |                                         |                                                             | Code V                               | Amount (D) Price                                                           | 2,000                                                                                                              | D                                                                    |                                                                   |

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  
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SEC 1474  
(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 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 (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) |     | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |                 |               |                            |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------|-----|---------------------------------------------------------------|-----------------|---------------|----------------------------|
|                                            |                                                        |                                      |                                                    | Code                           | V                                                                              | (A)                                                      | (D) | Date Exercisable                                              | Expiration Date | Title         | Amount or Number of Shares |
| MassMutual Non-Qualified Thrift Plan       | \$ 0                                                   | 12/20/2007                           |                                                    | P                              |                                                                                | 10.82                                                    |     | <u>(1)</u>                                                    | <u>(1)</u>      | Capital Stock | 10.82                      |
| Babson Capital Non Qualified Thrift Plan   | \$ 0                                                   |                                      |                                                    |                                |                                                                                |                                                          |     | <u>(2)</u>                                                    | <u>(2)</u>      | Capital Stock | 25,523.27                  |

## Reporting Owners

| Reporting Owner Name / Address                                                                               | Relationships |           |                               |                               |
|--------------------------------------------------------------------------------------------------------------|---------------|-----------|-------------------------------|-------------------------------|
|                                                                                                              | Director      | 10% Owner | Officer                       | Other                         |
| CRANDALL ROGER W<br>BABSON CAPITAL MANAGEMENT LLC<br>1500 MAIN ST PO BOX 15189<br>SPRINGFIELD, MA 01115-5189 |               |           | Officer/ Dir Issuer & Adviser | Officer/ Dir Issuer & Adviser |

## Signatures

By: Sara C. Stinson as  
Attorney-in-fact for 12/26/2007

\_\_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).
- 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.
- (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) Exercisable only upon termination or retirement, however, holdings may be liquidated and invested into other investment options at each month. The derivative has no actual securities underlying the agreement, which is entirely notional.

Note: File three copies of this Form, one of which must be manually signed. If space 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.