

MASSMUTUAL CORPORATE INVESTORS  
 Form 4  
 February 20, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

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

(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

(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 02/15/2007

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

SPRINGFIELD, MA 01115-5189

(City) (State) (Zip)

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

6. Individual or Joint/Group Filing(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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			(A) or (D)	Code V	Amount	Price	

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

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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 Acquired (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 Security (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Babson Capital Non Qualified Thrift Plan	\$ 0	02/15/2007		I		18,311.59	(1) (1)	Capital Stock	18,311.59
MassMutual Non-Qualified Thrift Plan	\$ 0						(1) (1)	Capital Stock	1,640

## Reporting Owners

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

## Signatures

By: Mark Godin as Attorney-in-fact for 02/20/2007

\_\_\_\_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).
- (1) Exercisable only upon termination or retirement, however, holdings may be liquidated and invested into other intra-plan investment options. 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.