

MASSMUTUAL CORPORATE INVESTORS

Form 3

February 05, 2007

FORM 3UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

OMB
Number: 3235-0104Expires: January 31,
2005Estimated average
burden hours per
response... 0.5**INITIAL STATEMENT OF 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 *

A Spencer Richard E II

(Last)

(First)

(Middle)

2. Date of Event
Requiring Statement

(Month/Day/Year)

01/26/2007

3. Issuer Name **and** Ticker or Trading Symbol

MASSMUTUAL CORPORATE INVESTORS [MCI]

4. Relationship of Reporting
Person(s) to Issuer5. If Amendment, Date Original
Filed(Month/Day/Year)

(Check all applicable)

____ Director ____ 10%

Owner

____ Officer ____X____ Other

(give title below) (specify below)

Officer of Adviser

6. Individual or Joint/Group

Filing(Check Applicable Line)

X Form filed by One Reporting
Person____ Form filed by More than One
Reporting Person

BABSON CAPITAL

MANAGEMENT LLC, A 1500

MAIN STREET PO BOX 15189

(Street)

SPRINGFIELD, MA 011155189

(City)

(State)

(Zip)

Table I - Non-Derivative Securities Beneficially Owned1. Title of Security
(Instr. 4)2. Amount of Securities
Beneficially Owned
(Instr. 4)3. Ownership
Form:
Direct (D)
or Indirect
(I)
(Instr. 5)4. Nature of Indirect Beneficial
Ownership
(Instr. 5)

Capital Stock

0

D

A

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

SEC 1473 (7-02)

**Persons who respond to the collection of
information contained in this form are not
required to respond unless the form displays a
currently valid OMB control number.****Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**1. Title of Derivative Security
(Instr. 4)2. Date Exercisable and
Expiration Date
(Month/Day/Year)3. Title and Amount of
Securities Underlying
Derivative Security
(Instr. 4)

Title

4. Conversion
or Exercise
Price of
Derivative5. Ownership
Form of
Derivative
Security:6. Nature of Indirect
Beneficial Ownership
(Instr. 5)

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Date Exercisable	Expiration Date	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)
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Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Spencer Richard E II BABSON CAPITAL MANAGEMENT LLC 1500 MAIN STREET PO BOX 15189 SPRINGFIELD, MA 011155189	Â	Â	Â	Officer of Adviser
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Signatures

/s/ Spencer II,
Richard E. 01/29/2007

Signature of Reporting Person Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

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