

MASSMUTUAL CORPORATE INVESTORS
 Form 3
 July 28, 2006

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

OMB APPROVAL

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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)

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|---|---|--|--|---|--|
| <p>1. Name and Address of Reporting Person *</p> <p>Â BARRETT WILLIAM J</p> <p>(Last) (First) (Middle)</p> <p>BABSON CAPITAL MANAGEMENT LLC,Â 1500 MAIN ST</p> <p>(Street)</p> <p>SPRINGFIELD,Â MAÂ 01115</p> <p>(City) (State) (Zip)</p> | <p>2. Date of Event Requiring Statement</p> <p>(Month/Day/Year)</p> <p>07/18/2006</p> | <p>3. Issuer Name and Ticker or Trading Symbol</p> <p>MASSMUTUAL CORPORATE INVESTORS [MCI]</p> | <p>4. Relationship of Reporting Person(s) to Issuer</p> <p>(Check all applicable)</p> <p><input type="checkbox"/> Director <input type="checkbox"/> 10% Owner</p> <p><input type="checkbox"/> Officer <input checked="" type="checkbox"/> Other</p> <p>(give title below) (specify below)</p> <p>Trustee</p> | <p>5. If Amendment, Date Original Filed(Month/Day/Year)</p> | <p>6. Individual or Joint/Group Filing(Check Applicable Line)</p> <p><input checked="" type="checkbox"/> Form filed by One Reporting Person</p> <p><input type="checkbox"/> Form filed by More than One Reporting Person</p> |
|---|---|--|--|---|--|

Table I - Non-Derivative Securities Beneficially Owned

| 1. 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 | 6,676.65 | D | Â |
| Capital Stock | 3,257.96 | I | By Spouse ⁽¹⁾ |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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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 | 4. Conversion or Exercise | 5. Ownership Form of | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---|---|--|---------------------------|----------------------|--|
|---|---|--|---------------------------|----------------------|--|

