

FORM 4

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

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| OMB APPROVAL |
| OMB Number: 3235-0287 |
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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)

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|--|---|---|
| 1. Name and Address of Reporting Person* CROWLEY JAMES F | 2. Issuer Name and Ticker or Trading Symbol CORE MOLDING TECHNOLOGIES, INC. CMT | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |
| (Last) (First) (Middle) CORE MOLDING TECHNOLOGIES, INC. 800 MANOR PARK DRIVE | 3. Date of Earliest Transaction (Month/Day/Year) 05/19/2010 | |
| (Street) COLUMBUS OH 43228 | 4. If Amendment, Date Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check applicable) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person |
| (City) (State) (Zip) | Table I -- Non-Derivative Securities Beneficially Owned | |

| 1. Title of Security (Instr. 3) | 2. Trans- action Date (Month/ Day/ Year) | 2A. Deemed Execution Date, if any (Month/ Day/ Year) | 3. Trans- action 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. Owner- ship Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Owner- ship (Instr. 4) |
|------------------------------------|---|---|---|---|---|------------------|--------|--|---|--|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 05/19/2010 | | A | | 1719 | A | \$0.00 | 15539 | D | |

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

* If the form is filed by more than one reporting person, see Instructions 4(b)(v).

Persons who respond to the collection of the information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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FORM 4 (continued)

Table II -- Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 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 Securities (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|----------------------------|--|--|--|--|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |
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** Intentional misstatements or omissions of facts constitute Federal Criminal Violations.
 see 18 U.S.C. 1001 and 15 U.S.C. 78ff(a)

/s/ Michael Del Regno, as
 attorney-in-fact

05/21/2010

 Date

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 control number.

 ** Signature of Reporting Person

LIMITED POWER OF ATTORNEY FOR
SECTION 16 REPORTING OBLIGATIONS

Know all by these presents, that the undersigned's hereby constitutes and appoints each of Kevin L. Barnett, Herman F. Dick, Jr., and Michael Del Regno, signing singly, the undersigned's true and lawful attorney-in-fact to:

- (1) Execute for and on behalf of the undersigned, in the undersigned's capacity as an executive officer of Core Molding Technologies, Inc. (the "Company") Forms 3, 4, and 5 (and any amendments thereto) in accordance with Section 16(a) of the Securities and Exchange Act of 1934 (the "Act") and the rules thereunder;
- (2) Do and perform any and all acts for and on behalf of the undersigned which may may be necessary or desirable to complete and execute any such Forms 3, 4, and 5 and timely file such form with teh United States Securities and Exchange Commission and any stock exchange or similar authority; and
- (3) Take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned persuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Act.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact or until such time as any such attorney-in-fact to whom this Power of Attorney has been granted cease to be employees of the Company.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 15th day of March, 2007.

____/s/James F. Crowley____
Signature

____James F. Crowley____
Print Name