

Pietrowicz John W.
 Form 3
 February 26, 2010

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)

| | | | | |
|---|---------|--------------------------------------|--|--|
| 1. Name and Address of Reporting Person * | | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol | |
| Â Pietrowicz John W. | | (Month/Day/Year) | CME GROUP INC. [CME] | |
| (Last) | (First) | (Middle) | 02/19/2010 | |
| 20 S. WACKER DRIVE | | | 4. Relationship of Reporting Person(s) to Issuer | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| (Street) | | | (Check all applicable) | |
| CHICAGO,Â ILÂ 60606 | | | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner | 6. Individual or Joint/Group Filing(Check Applicable Line) |
| (City) | (State) | (Zip) | <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
| | | | (give title below) (specify below) | <input type="checkbox"/> Form filed by More than One Reporting Person |
| | | | MD, Bus. Dev. & Corp Finance | |

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) |
|---------------------------------|---|--|---|
| Common Stock Class A | 849 | D | Â |

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 (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|---|--|--|---|
| | Date Exercisable | Expiration Date | Title | Amount or Number of | |

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| | | | | Shares | | (I) (Instr. 5) | |
|---|---------------------------|------------|----------------------|--------|-----------|-------------------|---|
| Non-Qualified Stock Option (right to buy) | 10/13/2003 ⁽¹⁾ | 10/13/2013 | Common Stock Class A | 800 | \$ 72.61 | D | Â |
| Non-Qualified Stock Option (right to buy) | 06/14/2009 ⁽²⁾ | 06/14/2014 | Common Stock Class A | 1,100 | \$ 127 | D | Â |
| Non-Qualified Stock Option (right to buy) | 06/15/2009 ⁽³⁾ | 06/15/2015 | Common Stock Class A | 800 | \$ 251.95 | D | Â |
| Non-Qualified Stock Option (right to buy) | 09/15/2010 ⁽⁴⁾ | 09/15/2019 | Common Stock Class A | 832 | \$ 284.34 | D | Â |
| Non-Qualified Stock Option (right to buy) | 06/16/2009 ⁽⁵⁾ | 06/16/2018 | Common Stock Class A | 1,035 | \$ 419.41 | D | Â |
| Non-Qualified Stock Option (right to buy) | 03/15/2009 ⁽⁶⁾ | 03/15/2016 | Common Stock Class A | 100 | \$ 430.47 | D | Â |
| Non-Qualified Stock Option (right to buy) | 06/15/2009 ⁽⁷⁾ | 06/15/2016 | Common Stock Class A | 780 | \$ 440.65 | D | Â |
| Non-Qualified Stock Option (right to buy) | 06/15/2009 ⁽⁸⁾ | 06/15/2017 | Common Stock Class A | 925 | \$ 552.7 | D | Â |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|--------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Pietrowicz John W. 20 S. WACKER DRIVE CHICAGO, IL 60606 | Â | Â | Â MD, Bus. Dev. & Corp Finance | Â |

Signatures

By: Margaret C. Austin For: John W. Pietrowicz 02/25/2010

__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).
- (1) On October 13, 2008, this option vested with respect to 100% of the granted number of shares covered by the option.

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- (2) On June 14, 2009, this option vested with respect to 100% of the granted number of shares covered by the option.
- On June 15, 2009, this option vested with respect to 80% of the granted number of shares covered by the option. On the anniversary of
- (3) that date in the following year, the option will vest with respect to an additional 20% of the shares covered by the option, subject to acceleration or termination in certain circumstances.
- (4) These options were granted on September 15, 2009. They vest over a four-year period, with 25% vesting one year after the grant date and 25% vesting on that same date in each of the following three years, subject to acceleration or termination in certain circumstances.
- On June 16, 2009, this option vested with respect to 20% of the granted number of shares covered by the option. On the anniversary of
- (5) that date in each of the following four subsequent years, the option will vest with respect to an additional 20% of the shares covered by the option, subject to acceleration or termination in certain circumstances.
- On March 15, 2009, this option vested with respect to 60% of the granted number of shares covered by the option. On the anniversary of
- (6) that date in each of the following two subsequent years, the option will vest with respect to an additional 20% of the shares covered by the option, subject to acceleration or termination in certain circumstances.
- On June 15, 2009, this option vested with respect to 60% of the granted number of shares covered by the option. On the anniversary of
- (7) that date in each of the following two subsequent years, the option will vest with respect to an additional 20% of the shares covered by the option, subject to acceleration or termination in certain circumstances.
- On June 15, 2009, this option vested with respect to 40% of the granted number of shares covered by the option. On the anniversary of
- (8) that date in each of the following three subsequent years, the option will vest with respect to an additional 20% of the shares covered by the option, subject to acceleration or termination in certain circumstances.

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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