

CHICAGO MERCANTILE EXCHANGE HOLDINGS INC

Form 4

June 19, 2007

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL

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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)

1. Name and Address of Reporting Person *
REDDING RICHARD H

(Last) (First) (Middle)

20 S. WACKER DRIVE

(Street)

CHICAGO, IL 60606

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol
**CHICAGO MERCANTILE
EXCHANGE HOLDINGS INC
[CME]**

3. Date of Earliest Transaction
(Month/Day/Year)
06/15/2007

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____ 10% Owner
☒ Officer (give title below) ____ Other (specify below)

MD Products & Services

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 Indirect Beneficial Ownership (Instr. 4)
Common Stock Class A	06/15/2007		M	1,250 A	\$ 63.01 8,195	D	
Common Stock Class A	06/15/2007		S	1,250 (1) D	\$ 551.27 6,945	D	
Common Stock Class A	06/15/2007		A	220 A	\$ 0 7,165	D	

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

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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or 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 Underlying (Instr. 3 and		
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Option (right to buy)	\$ 63.01	06/15/2007		M		1,250		06/06/2007 ⁽²⁾	06/06/2013	Common Stock Class A
Non-Qualified Stock Option (right to buy)	\$ 552.7	06/15/2007		A		1,480		06/15/2008 ⁽³⁾	06/15/2017	Common Stock Class A

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
REDDING RICHARD H 20 S. WACKER DRIVE CHICAGO, IL 60606			MD Products & Services	

Signatures

By: Margaret C. Austin For: Richard H. Redding 06/19/2007

**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) This sale was completed pursuant to the terms of a pre-arranged trading plan established in accordance with Rule 10b5-1.

On June 6, 2007, this option vested with respect to 80% of the granted number of shares covered by the option. On the anniversary of that date in the subsequent 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.

(3) These options were granted on June 15, 2007. They vest over a five-year period, with 20% vesting one year after the grant date and 20% vesting on that same date in each of the following four years, subject to acceleration or termination in certain circumstances.

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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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