

CHICAGO MERCANTILE EXCHANGE HOLDINGS INC  
 Form 4  
 August 24, 2006

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
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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 \*  
 GOBLE NANCY W

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

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 20 S. WACKER DR  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 06/15/2006

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 MD & CAO

CHICAGO, IL 60606  
 (City) (State) (Zip)

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

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D)  | Code V Amount (D) Price   |  |                                   |

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

**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.**

SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transaction | 5. Number of | 6. Date Exercisable and Expiration Date | 7. Title and Amount of Underlying Security |
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|--------------|---|--|
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|--------------|---|--|

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| Security<br>(Instr. 3)                          | or Exercise<br>Price of<br>Derivative<br>Security | any<br>(Month/Day/Year) | Code<br>(Instr. 8) | Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4,<br>and 5) | (Month/Day/Year)          | (Instr. 3 and 4) |                            |
|---|---|-------------------------|--------------------|---|---------------------------|------------------|----------------------------|
| Non-Qualified<br>Stock Option<br>(right to buy) | \$ 440.65   | 06/15/2006              | A                  | 935   | 06/15/2007 <sup>(1)</sup> | 06/15/2016       | Common<br>Stock<br>Class A |

## Reporting Owners

| Reporting Owner Name / Address                        | Relationships |           |          |       |
|---|---------------|-----------|----------|-------|
|   | Director      | 10% Owner | Officer  | Other |
| GOBLE NANCY W<br>20 S. WACKER DR<br>CHICAGO, IL 60606 |               |           | MD & CAO |       |

## Signatures

/s/By Margaret C. Austin for Nancy W. Goble 08/24/2006

\*\*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) These options were granted on June 15, 2006. 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.

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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