SEC Form 4	
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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 OMB APPROVAL
OMB Number: 3235-0287
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1. Name and Addre KEEVE EILJ (Last) 20 S. WACKER	(First)	n [*] (Middle)	2. Issuer Name and Ticker or Trading Symbol <u>CHICAGO MERCANTILE EXCHANGE</u> <u>HOLDINGS INC</u> [CME] 3. Date of Earliest Transaction (Month/Day/Year) 01/03/2006	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title Other (specify below) below) MD Org. Development				
(Street) CHICAGO (City)	IL (State)	60 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	idual or Joint/Group Filing Form filed by One Repo Form filed by More than Person	orting 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. Transa Code (8)					5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(1150.4)
Common Stock Class A	01/03/2006		М		500	Α	\$22	2,730	D	
Common Stock Class A	01/03/2006		М		250	Α	\$35	2,980	D	
Common Stock Class A	01/03/2006		S		750 ⁽¹⁾	D	\$368.75	2,230	D	

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. Transa Code (8)		of Deriv Secu Acqu (A) o Dispe of (D)	r osed) r. 3, 4	6. Date Exercisable and Expiration Date (Month/Day/Year)		e Amount of		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: 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				
Stock Options (Right to buy)	\$22	01/03/2006		М			500	05/07/2005 ⁽²⁾	05/07/2011	Common Stock Class A	500	\$22	0	D	
Stock Options (Right to buy)	\$35	01/03/2006		М			250	12/06/2005 ⁽³⁾	12/06/2012	Common Stock Class A	250	\$35	5,250	D	

Explanation of Responses:

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

2. As of May 7, 2005 this option grant was 100% vested.

3. On December 6, 2005, this option was vested with respect to 80% of the granted ndumber of shares covered by the option. On the anniversary of that date in subsequent years, the option will vest with respect to the remaining 20% of the shares covered by the option or termination in certain circumstances.

<u>Kathleen M.</u>	Cronin, Attorney	01/05/2006
<u>in Fact</u>		01/03/2000

** Signature of Reporting Person Date

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 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.