Hertshten Gedon Form 3/A August 17, 2017

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 * Hertshten Gedon			2. Date of Event Requiring Statement (Month/Day/Year)	3. Issuer Name and Ticker or Trading Symbol CME GROUP INC. [CME]			
(Last) (First) (Middle) 20 S. WACKER DR.			05/24/2017	4. Relationship of Reporting Person(s) to Issuer		5. If Amendment, Date Original Filed(Month/Day/Year) 06/01/2017	
(Street) CHICAGO, IL 60606				(Check	(Check all applicable)		6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person
				X Directo Officer (give title below	Other		
(City)	(State)	(Zip)	Table I - 1	Table I - Non-Derivative Securities Beneficially Owned			
1.Title of Security (Instr. 4)				2. Amount of Securities Beneficially Owned (Instr. 4)		4. Nature of Indirect Beneficial Ownership (Instr. 5)	
Common Stock Class A			32,250		D	Â	
Common Stock Class A			100,056 <u>(1)</u>		I (1)	By Firm	
Common Stock Class B1			4	4		By Firm	
Common Stock Class B2			4	4		By Firm	
Common Stock Class B3			4	4		By Firm	
Common Stock Class B4			2 (1)	2 (1)		By Firm	
Reminder: Report on a separate line for each class of securities benefic owned directly or indirectly.					SEC 1473 (7-02	2)	
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 4)

Expiration Date (Month/Day/Year)

2. Date Exercisable and 3. Title and Amount of Securities Underlying **Derivative Security** (Instr. 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)

Expiration Date Exercisable Date

Amount or Title Number of Shares

(I) (Instr. 5)

Reporting Owners

Relationships Reporting Owner Name / Address

Director 10% Owner Officer Other

Hertshten Gedon 20 S. WACKER DR. CHICAGO, ILÂ 60606

Â Â

Signatures

Margaret Austin Wright for Gedon Hertshten

08/17/2017

**Signature of Reporting Person

Date

Explanation of Responses:

If the form is filed by more than one reporting person, see Instruction 5(b)(v).

ÂX

Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

This amendment is being filed to add 28 shares of Class A common stock and 2 shares of Class B common stock which inadvertently (1) were not included in the original filing and to correctly reflect the beneficial ownership of shares held directly by Mr. Hertshten and the shares he indirectly owns through his trading firms.

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

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