

Reported by DUFFY TERRENCE A

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 09/18/18 for the Period Ending 09/14/18

Address 20 S. WACKER DR

CHICAGO, IL, 60606

Telephone 3129301000

CIK 0001156375

Symbol CME

SIC Code 6200 - Security and Commodity Brokers, Dealers, Exchanges and Services

Industry Financial & Commodity Market Operators

Sector Financials

Fiscal Year 12/31





[] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

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

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *						Issue	r Name	and Tick	er o	r Tradii	ng Symb		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
DUFFY TERRENCE A								UP INC				X Director		,	0% Owner		
(Last)	(Last) (First) (Middle)				3.	Date	of Earl	iest Trans	actio	n (MM/	DD/YYYY)	X Officer (g	X Officer (give title below) Other (specify below)			
20 S. WACKER DRIVE								9/1	4/2	018		Chairman ar	d CEO				
(Street)					4.	If An	nendme	ent, Date C	Origi	nal File	ed (MM/D	Y) 6. Individual	6. Individual or Joint/Group Filing (Check Applicable Line)				
CHICAGO, IL 60606 (City) (State) (Zip)												X Form filed by	X Form filed by One Reporting Person Form filed by More than One Reporting Person				
			Table	1 - N	on-Dei	rivati	ive Sec	urities Ac	quir	red, Di	sposed o	f, or l	Beneficially Own	ed			
1.Title of Security (Instr. 3)					2A. Do Execu Date,	tion	3. Trans. Co (Instr. 8)	de	4. Securities Acquire or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)			Ownership of Indire Form: Benefici	7. Nature of Indirect Beneficial Ownership	
								Code	V	Amoun	(A) or (D)	Price					(Instr. 4)
Common Stock Class A 9/14/2018					2018			A		15160	A	\$0.0		109846		D	
Common Stock Class A 9/15/2018					2018			F		2080 (1)	D	\$173.1	3	107766		D	
Common Stock Class A 9/15/2018				2018			F		2114 (1)	D	\$173.1	105652		D			
	Tabl	le II - Der	rivativo	e Seci	irities]	Bene	ficially	Owned (e.g.	, puts,	calls, w	arran	ts, options, conve	rtible sec	curities)		
1. Title of Derivate Security (Instr. 3)	Conversion or Exercise Price of Derivative	3. Trans. Date	3A. De Executi Date, if	ion	4. Trans. (Instr. 8)	Acquire Dispose		ve Securities d (A) or		Date Exercisable and Expiration Date		Securi Deriva	e and Amount of ties Underlying tive Security 3 and 4)	Underlying Derivative Security		Ownership Form of Derivative	11. Nature of Indirect Beneficial Ownership (Instr. 4)
	Security				Code	V	(A)	(D)	Date Exe	e rcisable	Expiration Date		Amount or Number of Shares		Following Reported Transaction(s) (Instr. 4)	or Indirect	

Explanation of Responses:

(1) Mr. Duffy surrendered shares to the Company in order to fulfill tax withholding obligations upon the vesting of restricted stock on 9/15/18.

Reporting Owners

Penorting Owner Name / Address	Relationships							
Reporting Owner Name / Address	Director	10% Owner	Officer	Other				
DUFFY TERRENCE A 20 S. WACKER DRIVE CHICAGO, IL 60606	X		Chairman and CEO					

Signatures

By: Margaret Austin Wright For: Terrence A. Duffy

**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 control number.