CBOE Hold Form 4 February 22	•									
							OMB AF	PROVAL		
FORM	UNITED STAT	ES SECURITIES A Washington			NGE C	OMMISSION	OMB Number:	3235-0287		
Check th if no long	aer.	0		Expires:	January 31,					
subject to Section 1 Form 4 c Form 5	6. or	OF CHANGES IN SECU		Estimated a burden hou response	•					
Form 5 obligations may continue. See Instruction 1(b). 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 A O'Connell C	Address of Reporting Person <u>*</u> Gerald T	Symbol	suer Name <b>and</b> Ticker or Trading ol DE Holdings, Inc. [CBOE]				5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First) (Middle)	3. Date of Earliest 7	Fransaction			(Check all applicable)				
	HOLDINGS, INC., 400 SALLE STREET	(Month/Day/Year) 02/19/2017	/onth/Day/Year)				Director 10% Owner X Officer (give title Other (specify below) below) Executive VP and CIO			
	4. If Amendment, D Filed(Month/Day/Yea	-	ıl		6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person					
CHICAGO,	IL 60605					Form filed by M Person	lore than One Re	porting		
(City)	(State) (Zip)	Table I - Non-	Derivative	Securi	ities Acq	uired, Disposed of	, or Beneficial	ly Owned		
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Do (Month/Day/Year) Execu any (Mont		4. Secur tion(A) or D (Instr. 3,	isposed	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)			
		Code V	Amount		Price	(Instr. 3 and 4)				
Common Stock	02/19/2017	М	2,048	А	\$ 80.94	64,967	D			
Common Stock	02/19/2017	М	1,829	А	\$ 80.94	66,796	D			
Common Stock	02/19/2017	М	1,834	А	\$ 80.94	68,630	D			
Common Stock	02/19/2017	F	637	D	\$ 80.94	67,993	D			
Common Stock	02/19/2017	F	569	D	\$ 80.94	67,424	D			

## Edgar Filing: CBOE Holdings, Inc. - Form 4

Common	02/19/2017	F	761	D	\$	66,663	D
Stock	02/17/2017	-	/01	2	80.94	00,005	D

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.

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. Transactic Code (Instr. 8)	5. Numb orDerivativ Securitie Acquired Disposed (Instr. 3, 5)	ve es d (A) or d of (D)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	<u>(1)</u>	02/19/2017		М		2,048	02/19/2017	(2)	Common Stock	2,048
Restricted Stock Units	(1)	02/19/2017		М		1,829	02/19/2017	(3)	Common Stock	1,829
Restricted Stock Units	(1)	02/19/2017		М		1,834	02/19/2017	<u>(4)</u>	Common Stock	1,834
Restricted Stock Units	<u>(1)</u>	02/19/2017		А	4,229		(5)	(5)	Common Stock	4,229

## **Reporting Owners**

<b>Reporting Owner Name / Address</b>	Relationships						
	Director	10% Owner	Officer	Other			
O'Connell Gerald T							
C/O CBOE HOLDINGS, INC.			Executive VP and CIO				
400 SOUTH LASALLE STREET			Executive vP and CIO				
CHICAGO, IL 60605							

## Signatures

/s/ Patrick Sexton, attorney-in-fact

02/22/2017

\*\*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) Each restricted stock unit represents a contingent right to receive one share of CBOE Holdings, Inc. common stock.
- (2) The restricted stock units vest in three equal annual installments, which began on February 19, 2015.
- (3) The restricted stock units vest in three equal annual installments, which began on February 19, 2016.
- (4) The restricted stock units vest in three equal annual installments, which began on February 19, 2017.
- (5) The restricted stock units vest in three equal annual installments beginning on February 19, 2018.

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.