

CBOE Holdings, Inc.  
 Form 4  
 February 22, 2017

**FORM 4**

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

OMB APPROVAL

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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, 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 \*  
 Moffic-Silver Joanne

(Last) (First) (Middle)

C/O CBOE HOLDINGS, INC., 400  
 SOUTH LASALLE STREET

(Street)

CHICAGO, IL 60605

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 CBOE Holdings, Inc. [CBOE]

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 02/19/2017

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Executive VP, GC, & Corp Sec

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)	Price		
Common Stock	02/19/2017		M	1,476	A \$ 80.94	68,403	D
Common Stock	02/19/2017		M	1,318	A \$ 80.94	69,721	D
Common Stock	02/19/2017		M	1,321	A \$ 80.94	71,042	D
Common Stock	02/19/2017		F	460	D \$ 80.94	70,582	D
Common Stock	02/19/2017		F	410	D \$ 80.94	70,172	D

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Common Stock      02/19/2017      F      411      D      \$ 80.94      69,761      D

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

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**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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	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		M		1,476	02/19/2017	<u>(2)</u>	Common Stock 1,476
Restricted Stock Units	<u>(1)</u>	02/19/2017		M		1,318	02/19/2017	<u>(3)</u>	Common Stock 1,318
Restricted Stock Units	<u>(1)</u>	02/19/2017		M		1,321	02/19/2017	<u>(4)</u>	Common Stock 1,321
Restricted Stock Units	<u>(1)</u>	02/19/2017		A		3,576	<u>(5)</u>	<u>(5)</u>	Common Stock 3,576
Restricted Stock Units	<u>(1)</u>	02/19/2017		A		6,095	<u>(5)</u>	<u>(5)</u>	Common Stock 6,095

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Moffic-Silver Joanne C/O CBOE HOLDINGS, INC. 400 SOUTH LASALLE STREET			Executive VP, GC, & Corp Sec	

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.  
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