CBOE Holdings, Inc. Form 4

FORM 4

May 23, 2016

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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Check this box

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

1(b).

Stock

(Print or Type Responses)

may continue.

See Instruction

1. Name and A Sunshine E	Address of Reporting Pugene S	Symbol	2. Issuer Name and Ticker or Trading Symbol CBOE Holdings, Inc. [CBOE]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First) (M		Earliest Tra	ansaction							
	HOLDINGS, INC ASALLE STREET	C., 400 05/19/20	(Month/Day/Year) 05/19/2016				X Director Officer (gives below)	ve titleOth	6 Owner er (specify		
	4. If Ame	4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check					
CHICAGO.	, IL 60605	Filed(Mor	th/Day/Year)					One Reporting Po			
(City)	(State)	Zip) Tabl	e I - Non-Do	erivative S	ecuri	ties Ac	quired, Disposed	of, or Beneficia	lly 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. Securir onAcquired Disposed (Instr. 3,	(A) o of (D) 5) Price	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 Indirect Beneficial Ownership (Instr. 4)		
Common	05/19/2016		A	1,581	A	\$0	16,876	D			

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

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(1)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative		•		Securities	3		(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						(2.11541
					4, and 5)						
					i, and 3)						
									Amount		
						Data	Evaluation		or		
							Expiration Date	Title Num of	Number		
									of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Sunshine Eugene S C/O CBOE HOLDINGS, INC. 400 SOUTH LASALLE STREET CHICAGO, IL 60605	X					
Cianaturas						

Signatures

/s/ Patrick Sexton, attorney-in-fact 05/23/2016

**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) Represents a restricted stock award granted under the Company's Second Amended and Restated Long-Term Incentive Plan, which meets the requirements of Rule 16b-3.

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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