CBOE Holdings, Inc. Form 4 May 23, 2016

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

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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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **BRODSKY WILLIAM J** Issuer Symbol CBOE Holdings, Inc. [CBOE] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) X Director 10% Owner Officer (give title Other (specify 400 SOUTH LASALLE STREET 05/19/2016 below) (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

CHICAGO, IL 60605

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common \$0 05/19/2016 1,581 223,735 D A (1) Stock

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

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Person

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. Conversion	3. Transaction Date (Month/Day/Year)		4.	5.	6. Date Exercisable and Expiration Date		7. Title and Amount of	8. Price of	9. Nu
Derivative Security (Instr. 3)	or Exercise Price of Derivative Security	(Month/Day/Tear)	(Month/Day/Year)	Transacti Code (Instr. 8)	Securities Acquired (A) or	of (Month/Day/Y) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		Underlying Securities (Instr. 3 and 4)	Derivative Security (Instr. 5)	Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	, ,		Expiration Date	Title Amount or Number of		

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

BRODSKY WILLIAM J 400 SOUTH LASALLE STREET X CHICAGO, IL 60605

Signatures

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

**Signature of Reporting Person Da

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.

Reporting Owners 2