CBOE Holding Form 4	gs, Inc.							
December 23,	2014							
FORM	UNITEDSTATE		TIES AND EXC ington, D.C. 205		COMMISSION	OMB AF OMB Number:	PROVAL 3235-0287	
Check this l if no longer subject to Section 16. Form 4 or Form 5 obligations may continu <i>See</i> Instruct 1(b).	Filed pursuant to Section 17(a) of the	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 20(b) of the Investment Company Act of 1940						
(Print or Type Res	sponses)							
1. Name and Add Tilly Edward	lress of Reporting Person <u>*</u> T	Symbol	Name and Ticker or T	-	5. Relationship of Reporting Person(s) to Issuer			
			oldings, Inc. [CB	OE]	(Check	all applicable)	
	(First) (Middle) OLDINGS, INC., 400 ALLE STREET	3. Date of E (Month/Day 12/22/201			X Director X Officer (give to below) Chief E			
	(Street)	Filed(Month/Day/Year) Applicable L _X_Form fil				Joint/Group Filing(Check of One Reporting Person More than One Reporting		
CHICAGO, II	_ 60605				Person		porting	
(City)	(State) (Zip)	Table	I - Non-Derivative S	ecurities Acq	uired, Disposed of,	or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	any	Deemed cution Date, if nth/Day/Year)	Transaction(A) or I Code (Instr. 3	rities Acquirec Disposed of (D 5, 4 and 5) (A)		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Unrestricted	10/00/001		Code V Amoun	\$	e (Instr. 3 and 4)			
Common Stock	12/22/2014		S <u>(1)</u> 6,250	D 64.2 (2)	5 116,828	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. Transact Code (Instr. 8)	5. iorNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	3	Date	Amou Unde Secur	le and unt of rlying ities . 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owno Follo Repo Trans (Instr
				Code N	7 (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

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Reporting Owners

Reporting Owner Name / Address	Relationships						
1	Director	10% Owner	Officer	Other			
Tilly Edward T C/O CBOE HOLDINGS, INC. 400 SOUTH LASALLE STREET CHICAGO, IL 60605	Х		Chief Executive Officer				
Signatures							
/s/ Jaime Galvan, attorney-in-fact		12/23/2014					

**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).
- The sale reported in this Form 4 was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 19, (1) 2014.

The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$63.93 to \$64.52, inclusive. The reporting person undertakes to provide to CBOE Holdings, Inc., any security holder of CBOE Holdings, Inc. or

(2) the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range.

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.