

Core-Mark Holding Company, Inc.
 Form 4
 January 11, 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 *
MILLER CHRISTOPHER M

2. Issuer Name and Ticker or Trading Symbol
**Core-Mark Holding Company, Inc.
 [CORE]**

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
**395 OYSTER POINT BLVD.,
 SUITE 415**
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
01/01/2017

____ Director
 ____ Officer (give title below)
 ____ 10% Owner
 ____ Other (specify below)
Senior VP & CFO

SOUTH SAN FRANCISCO, CA 94080

(City) (State) (Zip)

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

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)
				Code	V	Amount			
Coremark Common Stock	01/01/2017	01/03/2017	M		3,000	A	\$ 0.01 12,360	D	
Coremark Common Stock	01/01/2017	01/03/2017	M		2,666	A	\$ 0.01 15,026	D	
Coremark Common Stock	01/01/2017	01/03/2017	F		2,149	D	\$ 43.02 12,877	D	
	01/01/2017	01/03/2017	F			D	11,618	D	

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Coremark Common Stock				1,259 (1)	\$			43.02
Coremark Common Stock	01/06/2017		S	3,517 (2)	D	\$	8,101	42.96

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)	8. Amount or Number of Shares
2010 LTIP RSU GRANT 2014	\$ 0.01	01/01/2017	01/03/2017	M	3,000	02/03/2015 02/03/2021	Coremark Common Stock	3,000
2010 LTIP RSU GRANT 2015	\$ 0.01	01/01/2017		M	2,666	01/21/2016 01/21/2022	Coremark Common Stock	2,668

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MILLER CHRISTOPHER M 395 OYSTER POINT BLVD., SUITE 415 SOUTH SAN FRANCISCO, CA 94080			Senior VP & CFO	

Signatures

Chris Miller

01/11/2017

**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) Shares withheld on Performance RSUs previously reported in Table I.
 - (2) Shares sold pursuant to a Section 10b5-1 plan.

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.