Core-Mark Holding Company, Inc.

Form 4/A

October 02, 2014

FORM 4

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

Check this box if no longer

subject to Section 16. Form 4 or

Form 4 or Form 5 obligations may continue. See Instruction 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

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 MILLER CHRISTOPHER M Issuer Symbol Core-Mark Holding Company, Inc. (Check all applicable) [CORE] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner Other (specify Officer (give title (Month/Day/Year) below) 395 OYSTER POINT BLVD., 03/30/2014 VP & Chief Accounting Officer **SUITE 415** (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 07/02/2014 Form filed by More than One Reporting **SOUTH SAN** FRANCISCO, CA 94080 (City) (State) (Zip) Table I. Non-Derivative Securities Acquired Disposed of or Reneficially Ox

(eng)	(511110)	Table	: 1 - Non-D	erivative S	securi	ties Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	ispose	d of (D)	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)
Coremark Common Stock	06/30/2014		M	582	A	\$ 0.01	1,744	D	
Coremark Common Stock	06/30/2014		F	219 (1)	D	\$ 45.63	1,525	D	
Coremark Common Stock	03/30/2014		F	70 (2)	D	\$ 45.63	1,455	D	

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January 31,

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

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8. De Sec (In

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

1. Title of	2.	3. Transaction Date				6. Date Exercisable and		7. Title and Amount of		
Derivative Security	Conversion or Exercise	(Month/Day/Year)	Execution Date, if any	Transaction of Code Derivative		Expiration Date (Month/Day/Year)		Underlying Securities (Instr. 3 and 4)		
(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8) Securities Acquired (A) or Disposed of (D)		(Monar Su), Tour)			,	
				(Instr. 3, 4, and 5)						
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
RSU 10LTIP GR 2012	\$ 0.01	06/30/2014		M		582	01/18/2013	01/18/2019	Coremark Common Stock	582

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			VP & Chief Accounting Officer					

Signatures

Chris Miller 10/02/2014

**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).
- (1) Shares withheld for taxes on RSU Vesting
- (2) Shares withheld for taxes on Performance RSU Vesting previously reported in Table I

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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