Tepner Harvey L
Form 4/A
June 05, 2009

FORM 4

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

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *
Tepner Harvey L

(Last) (First) (Middle)

395 OYSTER POINT BLVD., SUITE 415

(Street)

SOUTH SAN FRANCISCO, CA 94080

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)
07/02/2008

4. If Amendment, Date Original Filed(Month/Day/Year)
03/04/2009

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director _____ 10% Owner
_____ Officer (give title below) _____ Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Coremark Common Stock	07/02/2008		M		406 (1)	A	$ 0	406	D	
Coremark Common Stock	01/01/2009		M		581 (2)	A	$ 0	987	D	
Coremark Common Stock (6)	01/21/2009		A		782	A	$ 0	1,769	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. 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 Amoun Underlying Securiti (Instr. 3 and 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Shar
Restricted Stock Units 07LTIP	$ 0	07/02/2008		M			406	07/02/2008	07/01/2017	Coremark Common Stock	40
Restricted Stock Units 07LTIP	$ 0	01/01/2009		M			581	01/01/2009	07/01/2017	Coremark Common Stock	58
07LTIP Stock Option	$ 19.19 (3)	01/21/2009		A		2,209 (4)		01/01/2010 (5)	07/01/2017	Coremark Common Stock	2,2

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Tepner Harvey L 395 OYSTER POINT BLVD., SUITE 415 SOUTH SAN FRANCISCO, CA 94080				

Signatures

Amy Morgan, POA	06/05/2009
**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) Reporting prior vesting of restricted stock units into common stock.

(2) Reporting prior vesting of restricted stock units into common stock.

(3) The exercise price was set at the closing price of the company's stock as reported by the NASDAQ Stock Market on January 21, 2009, the date the grant was approved.

(4) Amended to correct an internal clerical error.

(5) 100% vests on First Vesting Date

(6) This grant represents RSU's from the 2007 Long Term Incentive Plan that are subject to vesting prior to their conversion to common stock.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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