Perkins Thomas B Form 4/A February 15, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

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 *

Perkins Thomas B

(Last) (First) (Middle)

395 OYSTER POINT BLVD., SUITE 415

(Street)

2. Issuer Name and Ticker or Trading

Symbol

Core-Mark Holding Company, Inc.

[CORE]

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

Filed(Month/Day/Year)

4. If Amendment, Date Original

07/02/2007

07/05/2007

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

Director 10% Owner Other (specify Officer (give title

below)

SVP of Resources

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

SOUTH SAN FRANCISCO, CA 94080

> (City) (State)

(Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

Execution Date, if (Month/Day/Year)

3. Code

4. Securities TransactionAcquired (A) or Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

6. Ownership Form: Direct (D) or Indirect Beneficial (I) (Instr. 4)

Indirect Ownership (Instr. 4)

(9-02)

7. Nature of

(A) or Code V Amount (D) Price

Transaction(s) (Instr. 3 and 4)

Reported

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)

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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. Transacti Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		te e	7. Title and A Underlying S (Instr. 3 and 4	ecurities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
07 LTIP Performance Share	\$ 0	07/02/2007		A	0 (1)	12/31/2007	07/01/2017	Coremark Common Stock	0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Perkins Thomas B 395 OYSTER POINT BLVD., SUITE 415 SOUTH SAN FRANCISCO, CA 94080

SVP of Resources

Signatures

Stacy

Loretz-Congdon, POA 02/15/2008

**Signature of Reporting 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 Performance Shares previously reported on the July 5, 2007 Form 4 were incorrectly reported on Table II as derivative securities on the date of grant of such Performance Shares. In accordance with SEC guidance, such Performance Shares actually should be reported on Table I of Form 4 when the Performance Shares are vested and received. This amendment corrects the previous Form 4 by removing the Performance Shares from such report.

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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