Perkins Thomas B Form 4 July 02, 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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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).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Perkins Thomas B

Core-Mark Holding Company, Inc.

2. Issuer Name and Ticker or Trading

[CORE]

Symbol

(First) (Middle)

395 OYSTER POINT BLVD., **SUITE 415**

(Street)

4. If Amendment, Date Original

3. Date of Earliest Transaction

Filed(Month/Day/Year)

(Month/Day/Year)

07/02/2008

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

Director 10% Owner Officer (give title Other (specify

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) Tabl	e I - Non-D	Derivative	Secur	rities Acqui	ired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities A Transaction(A) or Dispose Code (Instr. 3, 4 and (Instr. 8)		d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Coremark			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	07/02/2008		M	1,476	A	\$ 0	1,476	D	
Coremark Common Stock	07/02/2008		S	82	D	\$ 25.31	1,394	D	
Coremark Common Stock	07/02/2008		S	100	D	\$ 25.335	1,294	D	
	07/02/2008		S	100	D		1,194	D	

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Coremark Common Stock					\$ 25.344		
Coremark Common Stock	07/02/2008	S	794	D	\$ 25.353	400	D
Coremark Common Stock	07/02/2008	S	200	D	\$ 25.354	200	D
Coremark Common Stock	07/02/2008	S	200	D	\$ 25.363	0	D

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

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SEC 1474

(9-02)

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. Transactic Code (Instr. 8)	ransaction of Derivative ode Securities		ive Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units 07LTIP	\$ 0	07/02/2008		M		1,476	07/02/2008	07/01/2017	Coremark Common Stock	1,476

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Perkins Thomas B						
395 OYSTER POINT BLVD., SUITE 415			SVP of Resources			
SOUTH SAN FRANCISCO, CA 94080						

Reporting Owners 2

Signatures

Stacy

Loretz-Congdon, POA 07/02/2008

**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).

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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