Core-Mark Holding Company, Inc.

Form 4

February 02, 2007

FORM 4

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

OMB APPROVAL OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005 Estimated average burden hours per

0.5

Form 5 obligations may continue.

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

response...

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Prokop Basil P	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
	Core-Mark Holding Company, Inc. [CORE]	(Check all applicable)			
(Last) (First) (Middle) 395 OYSTER POINT BLVD., SUITE 415	3. Date of Earliest Transaction (Month/Day/Year) 02/01/2007	Director 10% Owner Officer (give title Other (specify below) President of Canada Distributi			
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	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		Person			

FRANCISCO, CA 94080

(City)	(State) (Zip) 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. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Coremark			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)			
Common Stock	02/01/2007		M	8,500	A	\$0	8,500	D		
Coremark Common Stock	02/01/2007		S(1)	4	D	\$ 30.86	8,496	D		
Coremark Common Stock	02/01/2007		S(2)	96	D	\$ 30.87	8,400	D		
	02/01/2007		S(3)	100	D		8,300	D		

Coremark Common Stock					\$ 30.88		
Coremark Common Stock	02/01/2007	S(4)	1,100	D	\$ 30.9	7,200	D
Coremark Common Stock	02/01/2007	S(5)	1,400	D	\$ 30.91	5,800	D
Coremark Common Stock	02/01/2007	S(6)	900	D	\$ 30.92	4,900	D
Coremark Common Stock	02/01/2007	S <u>(7)</u>	500	D	\$ 30.93	4,400	D
Coremark Common Stock	02/01/2007	S(8)	200	D	\$ 30.94	4,200	D
Coremark Common Stock	02/01/2007	S(9)	300	D	\$ 30.95	3,900	D
Coremark Common Stock	02/01/2007	S(10)	100	D	\$ 30.96	3,800	D
Coremark Common Stock	02/01/2007	S <u>(11)</u>	100	D	\$ 30.97	3,700	D
Coremark Common Stock	02/01/2007	S(12)	200	D	\$ 30.99	3,500	D
Coremark Common Stock	02/01/2007	S(13)	600	D	\$ 31	2,900	D
Coremark Common Stock	02/01/2007	S <u>(14)</u>	300	D	\$ 31.01	2,600	D
Coremark Common Stock	02/01/2007	<u>S(15)</u>	399	D	\$ 31.02	2,201	D
Coremark Common Stock	02/01/2007	S(16)	300	D	\$ 31.04	1,901	D
Coremark Common	02/01/2007	S <u>(17)</u>	100	D	\$ 31.08	1,801	D

Stock							
Coremark Common Stock	02/01/2007	S(18)	1	D	\$ 31.13	1,800	D
Coremark Common Stock	02/01/2007	S(19)	100	D	\$ 31.21	1,700	D
Coremark Common Stock	02/01/2007	S(20)	100	D	\$ 31.23	1,600	D
Coremark Common Stock	02/01/2007	S(21)	200	D	\$ 31.24	1,400	D
Coremark Common Stock	02/01/2007	S(22)	800	D	\$ 31.25	600	D
Coremark Common Stock	02/01/2007	S(23)	100	D	\$ 31.27	500	D
Coremark Common Stock	02/01/2007	S(24)	100	D	\$ 31.28	400	D
Coremark Common Stock	02/01/2007	S(25)	100	D	\$ 31.29	300	D
Coremark Common Stock	02/01/2007	S(26)	100	D	\$ 31.3	200	D
Coremark Common Stock	02/01/2007	S(27)	100	D	\$ 31.31	100	D
Coremark Common Stock	02/01/2007	S(28)	100	D	\$ 31.32	0	D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

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. Transactic Code (Instr. 8)	Securities		6. Date Exercisable and 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 05 LTIP	\$ 0	02/01/2007		M		8,500	02/01/2006	02/08/2015	Coremark Common Stock	8,500

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Prokop Basil P 395 OYSTER POINT BLVD., SUITE 415 SOUTH SAN FRANCISCO, CA 94080

President of Canada Distributi

Signatures

Tina Peoples, 02/02/2007 POA

**Signature of Date
Reporting Person

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) Sold per Sec. 10b5-1program
- (2) Sold per Sec. 10b5-1program
- (3) Sold per Sec. 10b5-1program
- (4) Sold per Sec. 10b5-1program
- (5) Sold per Sec. 10b5-1program
- (6) Sold per Sec. 10b5-1program
- (7) Sold per Sec. 10b5-1program
- (8) Sold per Sec. 10b5-1program
- (9) Sold per Sec. 10b5-1program
- (10) Sold per Sec. 10b5-1program
- (11) Sold per Sec. 10b5-1program

Reporting Owners 4

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- (12) Sold per Sec. 10b5-1program
- (13) Sold per Sec. 10b5-1program
- (14) Sold per Sec. 10b5-1program
- (15) Sold per Sec. 10b5-1program
- (16) Sold per Sec. 10b5-1program
- (17) Sold per Sec. 10b5-1program
- (18) Sold per Sec. 10b5-1program
- (19) Sold per Sec. 10b5-1program
- (20) Sold per Sec. 10b5-1program
- (21) Sold per Sec. 10b5-1program
- (22) Sold per Sec. 10b5-1program
- (23) Sold per Sec. 10b5-1program
- (24) Sold per Sec. 10b5-1program
- (25) Sold per Sec. 10b5-1program
- (26) Sold per Sec. 10b5-1program
- (27) Sold per Sec. 10b5-1program
- (28) Sold per Sec. 10b5-1program

Remarks:

All sales made pursuant to a Sec. 10(b)5-1 Plan.

Exhibit List:

Exhibit 24 - Power of Attorney

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.