Murray Christopher M Form 4 December 02, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number:

3235-0287

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obligations

Check this box

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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Last)

SUITE 415

(Print or Type Responses)

1. Name and Address of Reporting Person * Murray Christopher M

(First) (Middle)

395 OYSTER POINT BLVD.,

(Street)

2. Issuer Name and Ticker or Trading

Symbol

Core-Mark Holding Company, Inc.

[CORE]

3. Date of Earliest Transaction

(Month/Day/Year)

12/02/2010

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

Director 10% Owner Other (specify Officer (give title

below)

SVP - U.S. Distribution

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	le I - Non-I	Derivative	Secu	rities Acquii	red, 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. Transaction Code (Instr. 8)	4. Securionor Dispo (Instr. 3,	sed of	` '	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	12/02/2010		Code V M	Amount 4,167 (1)	(D)	Price \$ 15.5	30,366	D	
Coremark Common Stock	12/02/2010		S	99	D	\$ 35.52	30,267	D	
Coremark Common Stock	12/02/2010		S	200	D	\$ 35.59	30,067	D	
	12/02/2010		S	200	D	\$ 35.6	29,867	D	

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Coremark Common Stock							
Coremark Common Stock	12/02/2010	S	100	D	\$ 35.61	29,767	D
Coremark Common Stock	12/02/2010	S	300	D	\$ 35.63	29,467	D
Coremark Common Stock	12/02/2010	S	100	D	\$ 35.65	29,367	D
Coremark Common Stock	12/02/2010	S	100	D	\$ 35.655	29,267	D
Coremark Common Stock	12/02/2010	S	100	D	\$ 35.66	29,167	D
Coremark Common Stock	12/02/2010	S	100	D	\$ 35.6825	29,067	D
Coremark Common Stock	12/02/2010	S	300	D	\$ 35.72	28,767	D
Coremark Common Stock	12/02/2010	S	399	D	\$ 35.75	28,368	D
Coremark Common Stock	12/02/2010	S	300	D	\$ 35.76	28,068	D
Coremark Common Stock	12/02/2010	S	232	D	\$ 35.77	27,836	D
Coremark Common Stock	12/02/2010	S	195	D	\$ 35.83	27,641	D
Coremark Common Stock	12/02/2010	S	500	D	\$ 35.84	27,141	D
Coremark Common Stock	12/02/2010	S	106	D	\$ 35.87	27,035	D
Coremark Common	12/02/2010	S	736	D	\$ 35.92	26,299	D

Stock

Coremark

Common 12/02/2010 S 100 D \$35.93 26,199 D

Stock

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. Transactio Code (Instr. 8)			Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		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
04LTIP plan grtd 8-23-2004 NQ	\$ 15.5	12/02/2010		M	4	,167	08/23/2005	08/23/2011	Coremark Common Stock	4,167

Reporting Owners

Reporting Person

Reporting Owner Name / Address		Relationships						
		Director	10% Owner	Officer	Other			
Murray Christopher N 395 OYSTER POINT SOUTH SAN FRAN			SVP - U.S. Distribution					
Signatures								
Amy Morgan, POA	12/02/2010							
**Signature of	Date							

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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) Exercised and sold per Sec. 10b5-1 program.

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