

Stein William  
Form 3  
June 27, 2012

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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

(Print or Type Responses)

1. Name and Address of Reporting Person \*

Stein William  
(Last) (First) (Middle)

395 OYSTER POINT BLVD.,  
SUITE 415

(Street)

SOUTH SAN FRANCISCO, CA 94080

(City) (State) (Zip)

2. Date of Event Requiring Statement

(Month/Day/Year)  
06/13/2012

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

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer  Other  
(give title below) (specify below)  
VP-Distribution

5. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)

Coremark Common Stock

2. Amount of Securities Beneficially Owned (Instr. 4)

4,178

3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)

D

4. Nature of Indirect Beneficial Ownership (Instr. 5)

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

SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and Expiration Date (Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)

Title

4. Conversion or Exercise Price of Derivative Security

5. Ownership Form of Derivative Security: Direct (D)

6. Nature of Indirect Beneficial Ownership (Instr. 5)

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|                                   | Date Exercisable | Expiration Date |                             | Amount or Number of Shares |          | or Indirect (I) (Instr. 5) |   |
|-----------------------------------|------------------|-----------------|-----------------------------|----------------------------|----------|----------------------------|---|
| 07 LTIP NQ GRTD<br>01-21-2009     | 01/21/2010       | 01/21/2016      | Coremark<br>Common<br>Stock | 102                        | \$ 19.19 | D                          | Â |
| Restricted Stock Units 07<br>LTIP | 01/20/2011       | 01/20/2017      | Coremark<br>Common<br>Stock | 625                        | \$ 0.01  | D                          | Â |
| RSU 10LTIP GR 2012                | 01/18/2013       | 01/18/2019      | Coremark<br>Common<br>Stock | 1,750                      | \$ 0.01  | D                          | Â |
| 10 LTIP RSU Granted<br>6-13-12    | 06/13/2013       | 06/13/2019      | Coremark<br>Common<br>Stock | 2,708                      | \$ 0.01  | D                          | Â |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                   |       |
|---|---------------|-----------|-------------------|-------|
|   | Director      | 10% Owner | Officer           | Other |
| Stein William<br>395 OYSTER POINT BLVD., SUITE 415<br>SOUTH SAN FRANCISCO, CA 94080 | Â             | Â         | Â VP-Distribution | Â     |

## Signatures

Shawn Levitt,  
POA 06/27/2012

\_\_Signature of  
Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(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.

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