

Stein William  
Form 3  
June 27, 2012

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

OMB APPROVAL

OMB Number: 3235-0104  
Expires: January 31, 2015  
Estimated average burden hours per response... 0.5

**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 * |         | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol |  |
| Â Stein William                           |         | (Month/Day/Year)                     | Core-Mark Holding Company, Inc. [CORE]             |  |
| (Last)                                    | (First) | (Middle)                             | 06/13/2012   |  |
| 395 OYSTER POINT BLVD.,                   |         |                                      |  | 4. Relationship of Reporting Person(s) to Issuer           |
| SUITE 415                                 |         |                                      |  | 5. If Amendment, Date Original Filed(Month/Day/Year)       |
| (Street)                                  |         |                                      |  | (Check all applicable)                                     |
| SOUTH SAN FRANCISCO,Â CAÂ 94080           |         |                                      |  | ___ Director ___ 10% Owner                                 |
| (City)                                    | (State) | (Zip)                                | ___ Officer ___ Other                              |  |
|   |         |                                      |  | (give title below) (specify below)                         |
|   |         |                                      |  | VP-Distribution  |
|   |         |                                      |  | 6. Individual or Joint/Group Filing(Check Applicable Line) |
|   |         |                                      |  | _X_ 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) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Coremark Common Stock           | 4,178   | D  | Â   |

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) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|---|--|--|---|
|--|--|---|--|--|---|

## Edgar Filing: Stein William - Form 3

|                                   | 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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