

VAN OSS STEPHEN A  
Form 4  
December 23, 2010

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN 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 \*  
VAN OSS STEPHEN A

2. Issuer Name and Ticker or Trading Symbol  
WESCO INTERNATIONAL INC [WCC]

5. Relationship of Reporting Person(s) to Issuer  
(Check all applicable)

(Last) (First) (Middle)  
225 WEST STATION SQUARE DRIVE, SUITE 700  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
12/22/2010

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Senior Vice President & COO

PITTSBURGH, PA 15219

(City) (State) (Zip)

4. 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 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. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 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 Ownership (Instr. 4) |
|--|--------------------------------------|--|--------------------------------|---|---|--|--|
|  |                                      |  | Code                           | V   | Amount or Price   |  |  |
| WESCO International, Inc. Common Stock | 12/22/2010                           |  | M                              |   | 3,000 A \$ 4.5  | 86,575   | D  |
| WESCO International, Inc. Common Stock | 12/22/2010                           |  | S                              |   | 3,000 D \$ 53.07  | 83,575   | D  |

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. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
| Option for WESCO International Common Stock (Right to Buy) | \$ 4.5   | 12/22/2010                           |  | M                              | 3,000   | 12/21/2001 12/21/2011                                    | Common Stock 3,000  |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                             |       |
|---|---------------|-----------|-----------------------------|-------|
|   | Director      | 10% Owner | Officer                     | Other |
| VAN OSS STEPHEN A<br>225 WEST STATION SQUARE DRIVE<br>SUITE 700<br>PITTSBURGH, PA 15219 | X             |           | Senior Vice President & COO |       |

## Signatures

/s/ Alessandra S. Michelini, as  
Attorney-in-Fact  
Date: 12/23/2010

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.

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