FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| ashington, | D.C. | 20549 |  |
|------------|------|-------|--|
|            |      |       |  |

| OMB APPROVAL      |           |  |  |  |  |  |  |  |  |  |
|-------------------|-----------|--|--|--|--|--|--|--|--|--|
| OMB Number:       | 3235-0287 |  |  |  |  |  |  |  |  |  |
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| Check this box if no longer subject |
|-------------------------------------|
| to Section 16. Form 4 or Form 5     |
| obligations may continue. See       |
| Inchrination 1/h)                   |

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| OMB APPROVAL             |           |  |  |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |  |  |
| hours per response:      | 0.5       |  |  |  |  |  |  |  |  |

| 1. Name and Address of Reporting Person* Squires Nelson John III   |   |        |                              |                | 2. Issuer Name and Ticker or Trading Symbol WESCO INTERNATIONAL INC [ WCC ] |  |  |      |  |         |  | (Check all app<br>Direct |  | ctor 10°   |   | 10% Ov  | vner   |            |  |
|--|---|--------|------------------------------|----------------|---|--|--|------|--|---------|--|--------------------------|--|--|---|---|--------|------------|--|
| (Last)   | `   | First) | (Middle)                     |                | 3. Date of Earliest Transaction (Month/Day/Year) 03/31/2023                 |  |  |      |  |         |  |                          | X  | Office<br>below  | er (give title Other (specify below)  EVP & GM, EES |   |        |            |  |
| 225 WEST STATION SQUARE DRIVE<br>SUITE 700   |   |        |                              | 4. If A        | 4. If Amendment, Date of Original Filed (Month/Day/Year)                    |  |  |      |  |         |  | 6. Ind<br>Line)          | 6. Individual or Joint/Group Filing (Check Applicable Line)  |  |   |   |        |            |  |
| (Street)   |   |        |                              |                |   |  |  |      |  |         |  |                          | X  | X Form filed by One Reporting Person                           |   |   |        |            |  |
|  | URGH I  | 'A     | 15219                        |                |   |  |  |      |  |         |  |                          | Form filed by More than One Reporting<br>Person  |  |   |   | orting |            |  |
| (City)   | (-  | State) | (Zip)                        |                | Rul   | le 10  | )b5-   | 1(c) | Tran   | sac     | tion Indi                                  | catio                    | on   |  |   |   |        |            |  |
|  |   |        |                              |                |   | Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. |  |      |  |         |  |                          |  |  |   |   |        |            |  |
|  |   | Та     | ble I - No                   | on-Deriva      | tive S  | Secui  | rities   | Acc  | uired  | , Dis   | posed of                                   | , or E                   | Benef  | iciall   | y Own   | ed  |        |            |  |
| 1. Title of Security (Instr. 3)  2. Transact Date (Month/Day   |   |        |                              | Execution Date |   | ate,   | Transaction Disposed C Code (Instr. 5)                         |      | es Acquired (A) o<br>Of (D) (Instr. 3, 4   |         | l and Securit<br>Benefic<br>Owned          |                          | ties For<br>cially (D)<br>d Following (I) (  |  | Direct Indirect I                                   | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |        |            |  |
|  |   |        |                              |                |   |  |  | Code | v  | Amount  | (A) or<br>(D) Pr                           |                          | rice   | Reported<br>Transaction(s)<br>(Instr. 3 and 4)                 |   |   |        | (Instr. 4) |  |
| Common Stock 03/31/2   |   |        |                              | 2023           |   |  |  | A    |  | 57.3978 | A <sup>(</sup>                             | (1)                      | \$0.00   | 77,9   | 20.3978   | ]   | D      |            |  |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |   |        |                              |                |   |  |  |      |  |         |  |                          |  |  |   |   |        |            |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | rivative Conversion Date Execution Date, curity or Exercise (Month/Day/Year) if any |        | 4.<br>Transa<br>Code (<br>8) |                |   |  | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |      | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Ins<br>3 and 4) |         | 8. Price of Derivative Security (Instr. 5) |                          | 9. Number<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | Ownershi<br>Form:<br>Direct (D)<br>or Indirec<br>(I) (Instr. 4 | Ownership<br>form:<br>Direct (D)<br>or Indirect     | Beneficial<br>Ownership<br>(Instr. 4)               |        |            |  |
|  |   |        |                              |                | Code V  |  | (A)  | (D)  | Date<br>Exercisable  |         | Expiration<br>Date                         | Title                    | Amou<br>or<br>Numb<br>of<br>Share  | er   |   |   |        |            |  |

## **Explanation of Responses:**

1. Represents dividend equivalent rights ("DERs") in connection with the Issuer's quarterly dividend and accrued to the Reporting Person on restricted stock units held by the Reporting Person. These DERs vest on the same schedules as the underlying awards.

## Remarks:

/s/ Michele Nelson, as Attorney-in-Fact

04/04/2023

\*\* Signature of Reporting Person

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

- \* 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.

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 Number.