Kane Thomas Michael Form 4 March 01, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB 3235-0287

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Check this box

Form 5 obligations may continue. See Instruction

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

(Last)

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Kane Thomas Michael

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

ARMSTRONG WORLD INDUSTRIES INC [AWI]

(Check all applicable)

10% Owner

C/O ARMSTRONG WORLD

(First)

(Middle)

INDUSTRIES, INC., 2500

COLUMBIA AVE

3. Date of Earliest Transaction

(Month/Day/Year) 02/28/2012

Director X_ Officer (give title Other (specify below)

Sr. VP-HR & GovRel

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

LANCASTER, PA 17603

(City) (State) (Zip)

(Street)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I) Ownership (Instr. 4) (Instr. 4)

Reported Transaction(s) (Instr. 3 and 4)

(A) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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| 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. Transacti Code (Instr. 8) | 5. Number of orDerivative Securities Acquired (A) or Disposed o (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) | |
|---|---|---|---|---------------------------------------|--|--|--------------------|---|-------------------------------------|
| | | | | Code V | (A) (D |) Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Stock Options | \$ 50.38 | 02/28/2012 | | A | 12,277 | (1) | 02/28/2022 | Common Stock | 12,277 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | |
|---|---------------|-----------|--------------------------|-------|--|--|
| | Director | 10% Owner | Officer | Other | | |
| Kane Thomas Michael C/O ARMSTRONG WORLD INDUSTRIES, INC. 2500 COLUMBIA AVE LANCASTER PA 17603 | | | Sr. VP-HR & GovRel | | | |

Signatures

/s/Christopher S. Parisi,
Attorney-in-fact
03/01/2012

**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).

The stock options will vest and become exercisable as follows: (1) 4,092 shares on the first anniversary of the grant; (2) 4,092 shares on (1) the second anniversary of the grant; and (3) 4,093 shares on the third anniversary of the grant (contingent upon the Reporting Person's employment with the Issuer on the scheduled vesting date, except as provided for under the Issuer's 2011 Long-Term Incentive Plan).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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