

PATEK RICHARD A  
Form 4  
October 12, 2012

**FORM 4**

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

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

## OMB APPROVAL

OMB  
Number: 3235-0287  
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response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
PATEK RICHARD A

(Last) (First) (Middle)

1725 SHEPHERD RD

(Street)

CHATTANOOGA, TN 37421

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading  
Symbol

ASTEC INDUSTRIES INC [ASTE]

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

10/11/2012

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

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_X\_\_ Officer (give title \_\_\_\_ Other (specify  
below) below)

Pres-Telsmith & Grp VP Agg

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 Acquired, Disposed of, or Beneficially Owned**

| 1. Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
| Common<br>Stock                       |                                         |                                                             |                                      | (A)<br>or<br>(D)                                                           | 825,1206 <sup>(3)</sup>                                                                                            | I                                                                    | by 401(k)<br>Plan                                                 |
| Common<br>Stock                       |                                         |                                                             |                                      |                                                                            | 5,625 <sup>(2)</sup>                                                                                               | D                                                                    |                                                                   |
| Common<br>Stock                       |                                         |                                                             |                                      |                                                                            | 987                                                                                                                | D                                                                    |                                                                   |

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

**Persons who respond to the collection of  
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SEC 1474  
(9-02)

number.

**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) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4. Transaction<br>Code (Instr. 8) | 5. Number of<br>Derivative<br>Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4, and<br>5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 7. Title and Amount of<br>Underlying Securities<br>(Instr. 3 and 4) |
|-----------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------|
|                                                     |                                                                    |                                         |                                                             | Code V                            | (A) (D)                                                                                                   | Date<br>Exercisable Expiration<br>Date                         | Title Amount<br>Number<br>Shares                                    |
| Phantom<br>Stock                                    | (1)                                                                | 10/11/2012                              |                                                             | A                                 | 170.9658                                                                                                  | (1) (1)                                                        | Common<br>Stock 170.9                                               |
| Stock<br>Options                                    | \$ 19.43                                                           |                                         |                                                             |                                   |                                                                                                           | 03/06/2006 03/06/2015                                          | Common<br>Stock 10,0                                                |

## Reporting Owners

| Reporting Owner Name / Address                               | Relationships                    |
|--------------------------------------------------------------|----------------------------------|
|                                                              | Director 10% Owner Officer Other |
| PATEK RICHARD A<br>1725 SHEPHERD RD<br>CHATTANOOGA, TN 37421 | Pres-TelSmith & Grp VP Agg       |

## Signatures

Robert Taylor, attorney in fact for Richard A.  
Patek 10/12/2012

\*\*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).

Reported transaction represents the Company's quarterly contribution to the reporting person's SERP account that was used to acquire

(1) Astec stock. Phantom shares are held in a SERP and are payable in cash following the reporting person's termination of employment from Astec.

(2) Reflects restricted stock units (RSUs) that convert to common stock on a one-for-one basis in the future.

(3) Shares held in the reporting person's 401k account are based upon a Plan statement dated October 12, 2012.

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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