FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL | | | | | | | | | |
|---------------------|----------|--|--|--|--|--|--|--|--|
| OMB Number: | 3235-028 | | | | | | | | |
| Estimated average b | urden | | | | | | | | |

0.5

hours per response:

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

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

| 1. Name and Address of Reporting Person* BUCHANAN JEFFREY D | | | | <u>SN</u> | 2. Issuer Name and Ticker or Trading Symbol SMITH & WESSON HOLDING CORP [SWHC] | | | | | | | (Che | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title Other (spec | | | | | | |
|--|---|--|--|-------------|--|---|---|---|--|---|-----------------------|---|--|---|---|----------------|--|--|--|
| (Last) 2100 ROC | (First) (Middle) ROOSEVELT AVENUE | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 09/17/2014 | | | | | | | | below) | | | below) | респу | |
| (Street) SPRINGF (City) | IELD MA | | 1104 Zip) | | 4. If | Amen | dmen | t, Date of | Original | Filed | (Month/Day | //Year) | Line | dividual or Joint/Group Filing (Check Applicable) K Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| | | Tab | le I - No | n-Deriv | /ative | Sec | uriti | es Acc | quired, | , Dis | posed of | f, or Ber | eficiall | y Owned | | | | | |
| Date | | | | n/Day/Year) | | 2A. Deemed Execution Date, if any (Month/Day/Year) | | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 | | | Beneficia Owned F | es ally Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | | | | Code | v | Amount | (A) or (D) | Price | Transact | Reported Transaction(s) (Instr. 3 and 4) | | | (Instr. 4) | | |
| Common Stock 09/17/ | | | | 7/2014 | 2014 | | M | | 43,200 | A | (1) | 150 | ,166 | | D | | | | |
| Common Stock 09/17/ | | | | //2014 | /2014 | | F | | 20,368(2 | 2) D | \$10.0 | 6 129,798 | | | D | | | | |
| | | Т | able II - | | | | | | | | osed of, convertib | | | Owned | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution D if any (Month/Day/ | n Date, | Date, Transac Code (In | | of Deri Seci Acq (A) o Disp of (E | umber vative urities uired or oosed O) (Instr. and 5) | 6. Date Exerci Expiration Da (Month/Day/Yo | | ite | 7. Title and Amou of Securities Underlying Derivative Securi (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4) | e s Illy | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | Code | v | (A) | (D) | Date Exercisa | able | Expiration Date | Title | Amount or Number of Shares | | | | | | |
| Performance Rights | (1) | 09/17/2014 | | | M | | | 43,200 | (1) | | 07/12/2014 | Common | 43,200 | \$0.00 | 0 | | D | | |

Explanation of Responses:

1. Each performance rights vest based on achievement of certain target performance of the Issuer's stock price over a three year performance period. The number represents the maximum number of shares that may be delivered pursuant to the award.

2. Represents shares of common stock withheld by the Issuer to satisfy certain tax withholding obligations associated with the settlement of performance rights.

Remarks:

Robert J. Cicero, as Attorney-

09/19/2014

in-Fact

** Signature of Reporting Person

Date

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.