

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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

|   |  |  |
|---|--|--|
| 1. Name and Address of Reporting Person*<br><u>Wagner Richard M</u><br><br>(Last) (First) (Middle)<br><u>221 WEST PHILADELPHIA STREET</u><br><u>SUITE 60W</u><br><br>(Street)<br><u>YORK PA 17401</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>DENTSPLY INTERNATIONAL INC /DE/</u><br><u>[ XRAY ]</u> | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><u>VP &amp; Corporate Controller</u> |
|   | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>05/24/2014</u>                                    |  |
|   | 4. If Amendment, Date of Original Filed (Month/Day/Year)   |  |

**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 Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|--------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price  |   |  |   |
| Common Stock                    | 05/24/2014                           |  | M                              |   | 963   | A          | \$0    | 963   | D  |   |
| Common Stock                    | 05/24/2014                           |  | M                              |   | 560   | A          | \$0    | 1,523   | D  |   |
| Common Stock                    | 05/24/2014                           |  | F                              |   | 486 <sup>(4)</sup>  | D          | \$46.9 | 1,037   | D  |   |

**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 Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |       |
|--|--|--------------------------------------|--|--------------------------------|---|--|--------------------|--|-----------------|---|--|--|---|--|-------|
|  |  |                                      |  | Code                           | V | (A)  | (D)                | Date Exercisable   | Expiration Date |   |  |  |   |  | Title |
| PRSU                                       | \$46.9   | 05/24/2014                           |  | M                              |   |  | 560 <sup>(1)</sup> | 05/24/2014   | (2)             | Common Stock  | 560  | \$0 <sup>(2)</sup>   | 892.65  | D  |       |
| RSU (Restricted Stock Unit)                | \$46.9   | 05/24/2014                           |  | M                              |   |  | 963 <sup>(3)</sup> | 05/24/2014   | (2)             | Common Stock  | 963  | \$0 <sup>(2)</sup>   | 5,361.996   | D  |       |

**Explanation of Responses:**

- Vesting of net PRSU granted on 5/24/2011 (and previously reported on Form 4) along with accumulated dividends (issued on a quarterly basis and also reported on Form 4s since the date of the grant).
- Not applicable to this transaction.
- Vesting of RSU granted on 5/24/2011 (and previously reported on Form 4) along with accumulated dividends (issued on a quarterly basis and also reported on Form 4s since the date of the grant).
- Amount withheld for taxes.

Deborah M. Rasin, POA for Richard M. Wagner 05/28/2014

\*\* 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.