

| OMB APPROVAL | |
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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

| | | | | | | | | |
|--|--|--|--|--|--|---|--|--|
| 1. Name and Address of Reporting Person* <u>Rasin Deborah</u> <hr/> (Last) (First) (Middle) <u>221 WEST PHILADELPHIA STREET</u> <u>SUITE 60W</u> <hr/> (Street) <u>YORK PA 17405</u> <hr/> (City) (State) (Zip) | | | 2. Issuer Name and Ticker or Trading Symbol <u>DENTSPLY INTERNATIONAL INC /DE/ [XRAY]</u> | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <p style="text-align: center;">VP & Secretary</p> | | |
| | | | 3. Date of Earliest Transaction (Month/Day/Year) <u>02/25/2013</u> | | | | | |
| | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | |
| | | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person | | | | | |

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 | | | |

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 | Amount or Number of Shares | | | | |
| Stock Option | \$40.86 | 02/25/2013 | | A | | 18,800 | | 02/25/2016 ⁽¹⁾ | 02/25/2023 | Common Stock | 18,800 | \$0 | 18,800 | D | |
| RSU (Restricted Stock Unit) | \$0 | 02/25/2013 | | A | | 7,138 | | 02/25/2016 ⁽²⁾ | (3) | Common Stock | 7,138 | \$0 | 16,568.517 | D | |
| PRSU | \$0 | 02/25/2013 | | A | | 2,855 ⁽⁴⁾ | | 02/25/2016 ⁽²⁾ | (3) | Common Stock | 2,855 | \$0 | 6,743.737 | D | |
| PRSU | \$0 | 02/26/2013 | | J | | 1,497 ⁽⁵⁾ | | (3) | (3) | Common Stock | 1,497 | \$0 | 5,246.737 | D | |

Explanation of Responses:

- Shares vest in annual one-third (1/3) increments over a three-year period ending February 25, 2016.
- Shares vest in full (restrictions lapse) 3 years from the grant date.
- Not applicable to this transaction.
- Performance Based Restricted Stock Units (PRSUs) are subject to a one-year performance measurement period.
- Performance Based Restricted Stock Units (PRSUs) are subject to a one-year performance measurement period. This filing reports the forfeiture of shares based on actual performance attainment. The original 2012 grant was awarded (at maximum) on 02/21/2012 and reported on a form 4.

Deborah M. Rasin

02/27/2013

** 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.