

| 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* MOSCH JAMES G (Last) (First) (Middle) 221 WEST PHILADELPHIA STREET SUITE 60W (Street) YORK PA 17401 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol DENTSPLY SIRONA Inc. [XRAY] | 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) President & CEO Consumables |
| | 3. Date of Earliest Transaction (Month/Day/Year) 02/24/2017 | |
| | 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 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 | | | |
| Common Stock | 02/24/2017 | | M | | 12,902 ⁽¹⁾ | A | \$0 | 57,785 | D | |
| Common Stock | 02/24/2017 | | M | | 6,683 ⁽²⁾ | A | \$0 | 64,468 | D | |
| Common Stock | 02/24/2017 | | F | | 9,985 ⁽⁵⁾ | D | \$62.79 | 54,483 | 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 | Amount or Number of Shares | | | | |
| RSU (Restricted Stock Unit) | (3) | 02/24/2017 | | M | | | 12,902 ⁽¹⁾ | 02/24/2017 | 02/24/2017 | Common Stock | 12,902 | \$0 | 13,569.198 | D | |
| PRSU (Performance Measured Restricted Stock Unit) | (4) | 02/24/2017 | | M | | | 6,683 ⁽²⁾ | 02/24/2017 | 02/24/2017 | Common Stock | 6,683 | \$0 | 19,419.792 | D | |

Explanation of Responses:

- Comprised of twelve thousand six hundred ninety-six (12,696) vested RSUs plus two hundred six (206) RSUs accrued through dividend equivalent rights, each as previously reported in this Table II.
- Comprised of six thousand five hundred seventy-seven (6,577) vested Performance Restricted Stock Units (PRSUs) plus one hundred six (106) DERs accrued through dividend equivalent rights, each as previously reported in this Table II.
- Restricted Stock Units (RSUs) convert into Common Stock on a one-for-one basis for no additional consideration.
- Performance Restricted Stock Units (PRSUs) convert into Common Stock on a one-for-one basis for no additional consideration.
- Shares withheld to cover taxes related to the vesting of the reporting person's RSUs and PRSUs.

Michael Friedlander, Attorney-In-Fact for James G. Mosch 02/28/2017

** 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.