MOSCH JAMES G Form 4 October 06, 2009

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

3235-0287 Number:

January 31, Expires: 2005

10% Owner

Other (specify

Estimated average burden hours per

response... 0.5

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

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

(Print or Type Responses)

1(b).

(Last)

1. Title of

Security

(Instr. 3)

1. Name and Address of Reporting Person *

MOSCH JAMES G

2. Issuer Name and Ticker or Trading Symbol

DENTSPLY INTERNATIONAL INC /DE/ [XRAY]

(First) (Middle)

221 W. PHILADELPHIA ST

(Street)

3. Date of Earliest Transaction

10/06/2009

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

(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Director

X_ Officer (give title

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

5. Relationship of Reporting Person(s) to

(Check all applicable)

EXECUTIVE VICE PRESIDENT

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Issuer

below)

YORK, PA 17405-0872

(City) (State) (Zip)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct (D) or Indirect Beneficial (I) (Instr. 4)

Indirect Ownership (Instr. 4)

(A) Code V Amount (D) Price

Transaction(s) (Instr. 3 and 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 4. 5. Number 6. Date Exercisable and 7. Title and Amount of 8. P. Derivative Conversion (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date **Underlying Securities** Der Security or Exercise any Code Securities (Month/Day/Year) (Instr. 3 and 4) Seci

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (Ins Derivative (A) or Disposed of Security (D) (Instr. 3, 4, and 5) (A) Code V (D) Date Expiration Title Amount Exercisable Date or Number of Shares Additional Common (2) (2) \$ 33.6 10/06/2009 Α 26.44 26.44 RSUs (1) Stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MOSCH JAMES G 221 W. PHILADELPHIA ST YORK, PA 17405-0872

EXECUTIVE VICE PRESIDENT

Signatures

Brian M. Addison, POA

**Signature of Reporting Date

Person

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).
- (1) Dividend on existing vested or unvested Restricted Stock Units (RSUs) awarded to participant, payable as additional units of phantom stock
- (2) Not applicable to this transaction

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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