WISE BRET W Form 4 January 11, 2010

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005

OMB APPROVAL

Section 16. Form 4 or Form 5 obligations may continue.

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

burden hours per response... 0.5

Estimated average

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

WISE BRET W

DENTSPLY INTERNATIONAL INC /DE/ [XRAY]

(Check all applicable)

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

_X__ Director 10% Owner X_ Officer (give title Other (specify below)

CHAIRMAN & C.E.O.

221 W. PHILADELPHIA ST

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

01/09/2010

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

Person

YORK, PA 17405-0872

(City) (State) (Zip)

(Street)

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

1. Title of Security (Instr. 3)

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

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

5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially (D) or Indirect Beneficial Ownership Owned (I) Following (Instr. 4) (Instr. 4)

(A)

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

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

(Month/Day/Year)

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 Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

4. 5. Number of Transaction Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of 8. **Underlying Securities** D (Instr. 3 and 4) Se

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) (Iı Derivative or Disposed of Security (D) (Instr. 3, 4, and 5) Code V (A) (D) Date **Expiration Title** Amount Exercisable Date or Number of Shares Additional Common (2) (2) \$ 35.44 129.25 10/06/2009 Α 129.25 RSUs (1) Stock

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

WISE BRET W
221 W. PHILADELPHIA ST X CHAIRMAN & C.E.O.

YORK, PA 17405-0872

Signatures

Brian M. Addison, POA

**Signature of Reporting Date

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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