WARADY TIMOTHY

Check this box

if no longer

subject to

Section 16.

Form 4 or

Form 4

March 23, 2006

FORM 4

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

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

Form 5 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

DENTSPLY INTERNATIONAL

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

OMB

Number:

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3235-0287

January 31,

2005

0.5

WARADY TIMOTHY

Symbol

(Check all applicable)

(Last) (First) (Middle) INC /DE/ [(XRAY)] 3. Date of Earliest Transaction

Director 10% Owner X_ Officer (give title Other (specify

2247 SPANGLER CIRCLE

03/22/2006

(Month/Day/Year)

below) below) VICE PRESIDENT AND CONTROLLER

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

(Instr. 4)

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

YORK, PA 17402

(City) (State) (Zip)

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

(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

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

(Instr. 4)

Reported (A) Transaction(s)

Code V Amount (D) Price

(Instr. 3 and 4)

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

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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 of 6. Date Exercisable and 7. Title and Amount of 8. P. Derivative Conversion (Month/Day/Year) Execution Date, if **Transaction**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 (A) (Ins 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 Phantom Stock Common (2) (2) 03/22/2006 387.86 387.86 <u>(1)</u> A (2004-05 Stock SERP)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

WARADY TIMOTHY 2247 SPANGLER CIRCLE YORK, PA 17402

VICE PRESIDENT AND CONTROLLER

Signatures

By: Brian M. Addison, Esquire, POA for 03/23/2006

**Signature of Reporting Person 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) Not applicable to this transaction.
- (2) Value paid in stock upon retirement

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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