WARADY TIMOTHY

Check this box

if no longer

subject to

Form 4

December 10, 2009

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Section 16. Form 4 or Form 5 obligations

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

1(b).

(Print or Type Responses)

may continue.

See Instruction

1. Name and Address of Reporting Person * WARADY TIMOTHY

2. Issuer Name and Ticker or Trading

Issuer

5. Relationship of Reporting Person(s) to

Symbol

DENTSPLY INTERNATIONAL INC /DE/ [XRAY]

(Check all applicable)

(Last) (First) (Middle)

(Street)

3. Date of Earliest Transaction

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

(Month/Day/Year) 221 W. PHILADELPHIA ST 12/08/2009

VICE PRESIDENT & CONTROLLER 6. Individual or Joint/Group Filing(Check

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

(Instr. 8)

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

Person

YORK, PA 17405-0872

(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)

5. Amount of Securities Beneficially Owned

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

Ownership (Instr. 4) (Instr. 4)

(A)

(Instr. 3, 4 and 5)

Reported Transaction(s)

Following

(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.

Persons who respond to the collection of SEC 1474 information contained in this form are not 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 Transaction of Derivative Expiration Date Securities Code

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

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

(9-02)

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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)				(I
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option	\$ 33.86	12/08/2009	A	3,800	12/08/2010	12/08/2019	Common Stock	3,800
Stock Option	\$ 33.86	12/08/2009	A	3,800	12/08/2011	12/08/2019	Common Stock	3,800
Stock Option	\$ 33.86	12/08/2009	A	3,800	12/08/2012	12/08/2019	Common Stock	3,800

Reporting Owners

Reporting Owner Name / Address	Relationships						
• 0	Director	10% Owner	Officer	Other			
WARADY TIMOTHY							

WARADY TIMOTHY 221 W. PHILADELPHIA ST YORK, PA 17405-0872

VICE PRESIDENT & CONTROLLER

Signatures

Person

Brian M. Addison,
POA for

**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).

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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