DIXON WENDY L Form 4 May 12, 2010

FORM 4

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

OMB APPROVAL OMB

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Check this box if no longer subject to Section 16. Form 4 or

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

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

ALFANO MICHAEL C

Symbol

DENTSPLY INTERNATIONAL INC /DE/ [XRAY]

(Check all applicable)

(Last) (First) (Middle)

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

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

221 W. PHILADELPHIA ST

05/11/2010

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

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

Person

below)

YORK, PA 17405-0872

(City) (State) (Zip)

(Street)

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

2. Transaction Date 2A. Deemed 1.Title of Security (Month/Day/Year) (Instr. 3)

3. Execution Date, if Code (Month/Day/Year)

4. Securities TransactionAcquired (A) or Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following

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

(A) or

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.

any

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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 Derivative Conversion or Exercise Security

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

4. Code

5. Number 6. Date Exercisable and Transaction of Derivative Expiration Date (Month/Day/Year) Securities

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

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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)				
				Code V	(A) (D) Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option	\$ 35.91	05/11/2010		A	8,900	05/11/2013	05/11/2020	Common Stock	8,900
Restricted Stock Unit (RSU)	(1)	05/11/2010		A	1,110	05/11/2013	<u>(1)</u>	Common Stock	1,110

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
ALFANO MICHAEL C 221 W. PHILADELPHIA ST YORK, PA 17405-0872	X					
BRANDT ERIC 221 W. PHILADELPHIA ST YORK, PA 17405-0872	X					
CHOLMONDELEY PAULA H 221 W. PHILADELPHIA ST YORK, PA 17405-0872	X					
COLEMAN MICHAEL J 221 W. PHILADELPHIA ST YORK, PA 17405-0872	X					
DIXON WENDY L 221 W. PHILADELPHIA ST YORK, PA 17405-0872	X					
HECHT WILLIAM F 221 W. PHILADELPHIA ST YORK, PA 17405-0872	X					
JONES LESLIE A 221 W. PHILADELPHIA ST YORK, PA 17405-0872	X					
LUNGER FRANCIS J 221 W. PHILADELPHIA ST YORK, PA 17405-0872	X					

Reporting Owners 2

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MILES JOHN C II 221 W. PHILADELPHIA ST X YORK, PA 17405-0872

Signatures

Brian M. Addison, POA for 05/12/2010

**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) 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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