

DENTSPLY INTERNATIONAL INC /DE/  
 Form 4  
 February 15, 2012

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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. Name and Address of Reporting Person \*  
**JELLISON WILLIAM R**

2. Issuer Name and Ticker or Trading Symbol  
**DENTSPLY INTERNATIONAL INC /DE/ [XRAY]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 \_\_\_\_\_ Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Sr. VP & C.F.O.

(Last) (First) (Middle)  
**221 WEST PHILADELPHIA STREET, WEST BUILDING/DENTSPLY**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**02/12/2012**

**YORK, PA 17405**  
 (City) (State) (Zip)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	02/12/2012		M	V	7,761 A \$ 37.68	23,965.257	D
Common Stock	02/12/2012		F	(4)	2,832 D \$ 37.68	21,133.257	D
Common Stock	02/14/2012		S		4,466 D \$ 38.25	16,667.257	D

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

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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 Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)
RSU (Restricted Stock Unit)	\$ 37.68	02/12/2012		M	7,761 (1)	02/12/2012 <sup>(3)</sup> 02/12/2012	Common Stock 7,761

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
JELLISON WILLIAM R 221 WEST PHILADELPHIA STREET WEST BUILDING/DENTSPLY YORK, PA 17405			Sr. VP & C.F.O.	

## Signatures

Deborah M. Rasin, POA for William R. Jellison  
 \*\*Signature of Reporting Person  
 02/12/2012  
 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) Vesting of RSU granted on 02/04/2008 (previously reported on Form 4) along with accumulated dividends (issued on a quarterly basis) also reported on Form 4 since the date of the grant.
- (2) Not applicable to this transaction.
- (3) Vests in full (restrictions lapse) 3 years from date of grant.
- (4) Amount withheld for taxes

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.