

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>SIZE ROBERT J.</u>  (Last) (First) (Middle) <u>30859 EDGEWATER DRIVE</u>  (Street) <u>LEWES DE 19958</u>  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>01/01/2007</u>	3. Issuer Name and Ticker or Trading Symbol <u>DENTSPLY INTERNATIONAL INC /DE/ [ (XRAY) ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Senior Vice President</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
---------------------------------	---	--	---

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Phantom Stock (2004-05 SERP)	(1)	(1)	Common Stock	805.6	(2)	D	
Stock Option	07/21/2007	07/21/2014	Common Stock	8,200	24.68	D	
Stock Option	12/13/2006	12/13/2014	Common Stock	9,508	27.45	D	
Stock Option	12/13/2007	12/13/2014	Common Stock	4,754	27.45	D	
Stock Option	12/13/2006	12/13/2015	Common Stock	5,593	27.74	D	
Stock Option	12/13/2007	12/13/2015	Common Stock	5,592	27.74	D	
Stock Option	12/13/2008	12/13/2015	Common Stock	5,593	27.74	D	
Stock Option	03/22/2007	03/22/2016	Common Stock	4,600	28.57	D	
Stock Option	03/22/2008	03/22/2016	Common Stock	4,600	28.57	D	
Stock Option	03/22/2009	03/22/2016	Common Stock	4,600	28.57	D	
Stock Option	12/12/2007	12/12/2016	Common Stock	10,967	31.36	D	
Stock Option	12/12/2008	12/12/2016	Common Stock	10,966	31.36	D	
Stock Option	12/12/2009	12/12/2016	Common Stock	10,967	31.36	D	

**Explanation of Responses:**

- 1. Value paid in stock upon retirement
- 2. Not applicable to this transaction.

**Remarks:**

By: Brian M. Addison,  
Esquire, POA for

01/04/2007

\*\* Signature of Reporting Person Date

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

\* If the form is filed by more than one reporting person, see Instruction 5 (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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.