

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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>	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) <u>01/04/2007</u>
(Last) (First) (Middle) <u>30859 EDGEWATER DRIVE</u>			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
(Street) <u>LEWES DE 19958</u>			
(City) (State) (Zip)			

## 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)
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## 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	1,611.19	(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

01/09/2007

\*\* 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.