SIZE ROBERT J.

Form 4

December 12, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

3235-0287

Expires:

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OMB APPROVAL

if no longer subject to Section 16. Form 4 or Form 5

Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations 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 * SIZE ROBERT J.

2. Issuer Name and Ticker or Trading

Issuer

below)

Symbol

DENTSPLY INTERNATIONAL

(Check all applicable)

5. Relationship of Reporting Person(s) to

(Last)

(First)

(Street)

(Middle)

3. Date of Earliest Transaction

4. If Amendment, Date Original

(Instr. 8)

INC /DE/ [(XRAY)]

Director X_ Officer (give title

10% Owner Other (specify

Ownership

(Instr. 4)

(Month/Day/Year)

12/10/2007

below) Senior Vice President

30859 EDGEWATER DRIVE

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person

(I)

(Instr. 4)

Form filed by More than One Reporting

Person

LEWES, DE 19958

(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

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

Following Reported

Owned

Transaction(s)

(A) (Instr. 3 and 4) Code V Amount (D) Price

(Instr. 3, 4 and 5)

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 (9-02)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)

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(Instr. 3)	Price of Derivative Security	(N	Aonth/Day/Year)	(Instr. 8)	(A D (I (I	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)				(I	
				Code V	J	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option	\$ 45.15	12/10/2007		A	8	8,300		12/10/2008	12/10/2017	Common Stock	8,300
Stock Option	\$ 45.15	12/10/2007		A	8	8,300		12/10/2009	12/10/2017	Common Stock	8,300
Stock Option	\$ 45.15	12/10/2007		A	8	8,300		12/10/2010	12/10/2017	Common Stock	8,300

Reporting Owners

Reporting Owner Name / Address	Relationships
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Director 10% Owner Officer Other

SIZE ROBERT J.

30859 EDGEWATER DRIVE Senior Vice President

LEWES, DE 19958

Signatures

By: Brian M. Addison, Esquire, POA for 12/12/2007

**Signature of Reporting Person 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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