DENTSPLY INTERNATIONAL INC /DE/

Form 4

March 28, 2005

FORM 4

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

response...

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * CHOLMONDELEY PAULA H

2. Issuer Name and Ticker or Trading

Symbol

DENTSPLY INTERNATIONAL

Issuer

INC /DE/ [(XRAY)]

(Check all applicable)

10% Owner

(First)

213 WINCHESTER STREET

3. Date of Earliest Transaction

(Month/Day/Year)

X_ Director Other (specify Officer (give title below)

5. Relationship of Reporting Person(s) to

03/24/2005

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

(Instr. 4)

Applicable Line)

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

Person

BROOKLINE, MA 02146

(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)

(Middle)

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

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

(Instr. 4)

(A) or

Following 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.

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 3. Transaction Date 3A. Deemed 4. 5. Number 6. Date Exercisable and 7. Title and Amount of Derivative Security Conversion (Month/Day/Year) **Expiration Date Underlying Securities** Execution Date, if Transactionof or Exercise (Month/Day/Year) (Instr. 3 and 4) (Instr. 3) Code any Derivative

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	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Securit Acquir (A) or Dispos of (D) (Instr. and 5)	red sed 3, 4,				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Phantom Stock (1Q2005 Deferred Compensation)	\$ 53.01	03/24/2005		A		3.95		(2)	(2)	Common Stock	3.95

Reporting Owners

Reporting Owner Name / Address	Relationships							
• 0	Director	10% Owner	Officer	Other				
CHOLMONDELEY PAULA H 213 WINCHESTER STREET BROOKLINE, MA 02146	X							

Signatures

By: Brian M. Addison, Esquire, 03/28/2005 POA for

**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).
- (1) Dividend on existing account balance
- (2) Value paid in stock upon retirement

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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