DENTSPLY INTERNATIONAL INC /DE/

Form 4

March 28, 2006

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16.

Form 4 or Form 5 obligations may continue.

See Instruction

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

2. Issuer Name and Ticker or Trading

(Print or Type Responses)

1(b).

(Last)

1. Name and Address of Reporting Person *

SMITH W KEITH

(First) (Middle)

(Street)

116 RIDING TRAIL LANE

PITTSBURGH, PA 15215

DENTSPLY INTERNATIONAL INC /DE/ [(XRAY)]

3. Date of Earliest Transaction

Symbol

(Month/Day/Year) 03/24/2006

4. If Amendment, Date Original

Filed(Month/Day/Year)

3.

OMB APPROVAL

OMB Number:

3235-0287 January 31,

2005

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response...

0.5

5. Relationship of Reporting Person(s) to

Issuer

below)

(Check all applicable)

X_ Director 10% Owner Other (specify Officer (give title

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

(I)

(Instr. 4)

6. Ownership

Form: Direct

(D) or Indirect Beneficial

7. Nature of

Ownership

(Instr. 4)

Indirect

Person

5. Amount of

Securities

Beneficially

(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)

TransactionAcquired (A) or Code (Instr. 8)

Disposed of (D) (Instr. 3, 4 and 5)

4. Securities

Owned (A)

Following Reported Transaction(s) or (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.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security Conversion or Exercise (Instr. 3)

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Securities Code

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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Price of (Month/Day/Year) (Instr. 8) Acquired (A)
Derivative or Disposed of
Security (D)
(Instr. 3, 4,

(Instr. 3, and 5)

Code V (A) (D) Date Expiration Title

Exercisable Date

Amount or Number of Share

266.2

Phantom Stock

(1Q2006 Deferred \$ 57.55

57.55 03/24/2006

A 266.27

(1) (1)

Common Stock

Compensation)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SMITH W KEITH 116 RIDING TRAIL LANE X PITTSBURGH, PA 15215

Signatures

By: Brian M. Addison, Esquire, POA for

03/28/2006

**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) 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.

Reporting Owners 2