SMITH W KEITH

Form 4 June 27, 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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 obligations may continue. See Instruction

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

1(b).

(Last)

Security

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person *

SMITH W KEITH

Symbol

DENTSPLY INTERNATIONAL INC /DE/ [(XRAY)]

2. Issuer Name and Ticker or Trading

116 RIDING TRAIL LANE

(Street)

(State)

(Month/Day/Year)

(First)

3. Date of Earliest Transaction (Month/Day/Year)

06/23/2006

4. If Amendment, Date Original

Filed(Month/Day/Year)

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

PITTSBURGH, PA 15215

(City) 1.Title of

2. Transaction Date 2A. Deemed

(Zip)

(Middle)

(Month/Day/Year)

Execution Date, if Code (Instr. 8)

3. 4. Securities TransactionAcquired (A) or Disposed of (D)

(Instr. 3, 4 and 5)

Following Reported (A) 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.

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 Security Conversion (Instr. 3) or Exercise

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

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

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

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

6. Individual or Joint/Group Filing(Check

6. Ownership

Form: Direct

(I)

(Instr. 4)

(D) or Indirect Beneficial

(Check all applicable)

10% Owner

Other (specify

7. Nature of

Ownership

(Instr. 4)

Indirect

Issuer

below)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

5. Amount of

Securities

Owned

Beneficially

X_ Director

Applicable Line)

Officer (give title

Estimated average

burden hours per

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

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	Price of Derivative Security		(Month/Day/Year)	(Instr.	Í	Acquired (or Dispose (D) (Instr. 3, 4 and 5)	ed of				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Phantom Stock (2Q2006 Deferred Compensation)	\$ 60.27	06/23/2006		A		254.56		<u>(1)</u>	<u>(1)</u>	Common Stock	254.50

Reporting Owners

Reporting Owner Name / Address	Relationships							
1 0	Director	10% Owner	Officer	Other				
SMITH W KEITH 116 RIDING TRAIL LANE PITTSBURGH, PA 15215	X							

Signatures

By: Brian M. Addison, Esquire, POA for 06/27/2006

**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.

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