FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

| STATEMENT | <b>OF CHANGE</b> | S IN BENE | FICIAL O | <b>WNERSHIP</b> |
|-----------|------------------|-----------|----------|-----------------|

| OMB APPROVAL             |           |  |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |  |
| hours per response:      | 0.5       |  |  |  |  |  |  |  |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person*     BRANDT ERIC  |  |   | <u>DEN</u> | 2. Issuer Name and Ticker or Trading Symbol  DENTSPLY INTERNATIONAL INC /DE/  (XRAY) |  |  |        |                    |       |                            | [ (Che  | Relationship of Reporting Pers (Check all applicable)     X Director  |  |            | 10% Ov             | /ner   |  |
|--|--|---|------------|--|--|--|--------|--------------------|-------|----------------------------|---|---|--|------------|--------------------|--------|--|
| (Last) 1606 ANTIGU   | (First) (Middle) UA WAY  |   |            | 3. Date of Earliest Transaction (Month/Day/Year) 03/24/2005                          |  |  |        |                    |       |                            | $\exists$   | Officer (below)   | give title                                 |            | Other (s<br>below) | pecify |  |
| (Street) NEWPORT BEACH   | CA   | 92660   |            |  | 4. If Amendment, Date of Original Filed (Month/Day/Year) |  |        |                    |       |                            | Line)   | ndividual or Joint/Group Filing (Check Applicable e)  X Form filed by One Reporting Person Form filed by More than One Reporting Person |  |            |                    |        |  |
| (City)   | (State)  | (Zip)   |            |  |  |  |        |                    |       |                            |   |   | . 0.00                                     |            |                    |        |  |
|  | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |   |            |  |  |  |        |                    |       |                            |   |   |  |            |                    |        |  |
| 1. Title of Security (Instr. 3)  2. Transc Date (Month/L   |  | action 2A. Deemed Execution Date, if any (Month/Day/Year) |            |  | Transaction Code (Instr. 3, 4                            |  |        |                    |       |                            | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) |   | 7. Nature of Indirect Beneficial Ownership |            |                    |        |  |
|  |  |   |            |  | Code   | v  | Amount | (A) or<br>(D)      | Price | Transactio<br>(Instr. 3 ar |   |   |  | (Instr. 4) |                    |        |  |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |   |            |  |  |  |        |                    |       |                            |   |   |  |            |                    |        |  |
| 1. Title of<br>Derivative<br>Security (Instr.<br>3)  | erivative Conversion Date Execution Date   |   | Code       | Transaction of Code (Instr. Derivative   |  | 6. Date Exercisable and Expiration Date (Month/Day/Year)  (Month/Day/Year)  7. Title and Amount of Securities Underlying Derivative St (Instr. 3 and states) |        | f<br>g<br>Security |       |                            | er of<br>e<br>s<br>ully<br>g<br>on(s)                             | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4)  | Beneficial<br>Ownership<br>(Instr. 4)      |            |                    |        |  |
|  |  |   |            | Code   | v  | (A)  | (D)    | Date<br>Exerci     | sable | Expiration<br>Date         | Title   | Amount<br>or<br>Number<br>of<br>Shares  |  |            |                    |        |  |
| Phantom Stock<br>(1Q2005<br>Deferred   | \$53.01  | 03/24/2005  |            | A  |  | 0.22   |        | (2)                | )     | (2)                        | Common<br>Stock   | 0.22  | \$0  | 0.22       |                    | D      |  |

## Explanation of Responses:

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

## Remarks:

By: Brian M. Addison, Esquire, POA for

03/28/2005

\*\* 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 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.

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.