| SEC Form 4 |
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## FORM 4

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

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

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

| <ul> <li>obligations may continue. See<br/>Instruction 1(b).</li> <li>Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934<br/>or Section 30(h) of the Investment Company Act of 1940</li> </ul> |   |  |  |   |                                      |  |                     |   |  | 4       |  | hours   | per res   | ponse:  | 0.5  |                          |  |  |
|--|---|--|--|---|--------------------------------------|--|---------------------|---|--|---------|--|---|---|---|--|--------------------------|--|--|
| 1. Name and Address of Reporting Person <sup>*</sup> BRANDT ERIC   |   |  |  | 2. Issuer Name and Ticker or Trading Symbol<br><u>DENTSPLY INTERNATIONAL INC /DE/</u> [<br>(XRAY) ] |                                      |  |                     |   |  |         |  |   | ck all applica<br>Director<br>Officer (                       | Reporting Perso<br>ble)<br>give title               |  | 10% Ow<br>Other (sj      | ner  |  |
| (Last) (First) (Middle)<br>1606 ANTIGUA WAY  |   |  | 3. Date of Earliest Transaction (Month/Day/Year)<br>06/23/2006 |   |                                      |  |                     |   |  |         |  | below)  |   |   | below)   |                          |  |  |
| (Street)<br>NEWPORT<br>BEACH<br>(City)   | CA<br>(State)   |  | 660<br>o)  |   | 4. If A                              | mendi  | ment, Dat           | te of C   | Original   | Filed ( | 'Month/Day/`                           | Year)   | 6. Inc<br>Line)<br>X  | Form file   | ed by One  | Repor                    | (Check Appl<br>ting Person<br>One Reporti                                |  |
|  |   | Table                                      | e I - Non-   | -Deriv  | ative                                | Secu   | urities A           | Acq   | uired,   | Dis     | oosed of,                              | or Bene   | eficially   | Owned   |  |                          |  |  |
| Date   |   |  |  | Day/Year) if a  |                                      | A. Deemed<br>Execution Date,<br>f any<br>Month/Day/Year) |                     | 3.<br>Transaction<br>Code (Instr.<br>8)<br>4. Securities Acquire<br>Disposed Of (D) (Inst |  |         |  |   | 5. Amount<br>Securities<br>Beneficial<br>Owned Fo<br>Reported | Forn<br>ly (D)o                                     |  | Direct Indirect Estr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)        |  |
|  |   |  |  |   |                                      |  |                     | Code  | v  | Amount  | (A) or<br>(D)                          | Price   | Transactio<br>(Instr. 3 ar                                    | tion(s)   |  |                          | 134. 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<br>(Instr. 3)  | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)    |   | 4.<br>Transactic<br>Code (Inst<br>8) |  |                     |   | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |         |  | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative Securit<br>(Instr. 3 and 4) |   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) |                          | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|  |   |  | Code   | v   | (A) (D)                              |  | Date<br>Exercisable |   | Expiration<br>Date   | Title   | Amount<br>or<br>Number<br>of<br>Shares |   |   |   |  |                          |  |  |
| Phantom Stock<br>(2Q2006<br>Deferred<br>Compensation)  | \$60.27   | 06/23/2006                                 |  |   | A                                    |  | 0.23 <sup>(1)</sup> |   | (2)  |         | (2)                                    | Common<br>Stock   | 0.23  | \$60.27   | 0.23   | 3                        | D  |  |

## Explanation of Responses:

1. Dividend on existing account balance

2. Value paid in stock upon retirement

Remarks:

By: Brian M. Addison, Esquire,

06/27/2006

\*\* Signature of Reporting Person

POA for

on 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.