

Yossi Maimon  
Form 4  
January 05, 2007

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

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

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Yossi Maimon

(Last) (First) (Middle)

C/O ORTHODONTIX, 2 SNUTIT  
ST, SCIENCE PARK, POB 455

(Street)

CARMIEL, ISRAEL 21000

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
ORTHODONTIX INC [ORTX]

3. Date of Earliest Transaction  
(Month/Day/Year)  
12/31/2006

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
\_X\_ Officer (give title below) \_\_\_ Other (specify below)

VP, Chief Financial Officer

6. Individual or Joint/Group Filing(Check Applicable Line)  
\_X\_ Form filed by One Reporting Person  
\_\_\_ Form filed by More than One Reporting Person

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------|
|                                 |                                      |                                                    |                                | (A) or (D)                                                        | 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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(9-02)

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

| 1. Title of Derivative Security | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|

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| (Instr. 3)                   | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title        | Amount or Number of Shares |
|------------------------------|------------------------------|------------------|------------|------------------------------------------------------|------|---|-----|-----|------------------|-----------------|--------------|----------------------------|
| Stock Options (Right to Buy) | \$ 0.972                     | 12/31/2006       | A          | 619,972                                              |      |   |     |     | (1)              | 09/19/2016      | Common Stock | 619,972                    |

## Reporting Owners

| Reporting Owner Name / Address                                                                 | Relationships |           |                             |       |
|------------------------------------------------------------------------------------------------|---------------|-----------|-----------------------------|-------|
|                                                                                                | Director      | 10% Owner | Officer                     | Other |
| Yossi Maimon<br>C/O ORTHODONTIX, 2 SNUTIT ST<br>SCIENCE PARK, POB 455<br>CARMIEL, ISRAEL 21000 |               |           | VP, Chief Financial Officer |       |

## Signatures

|                                        |             |
|----------------------------------------|-------------|
| David Aviezer, Power of Attorney       | 01/04/2007  |
| <b>**Signature of Reporting Person</b> | <b>Date</b> |

## 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) 25% of the options vest on September 19, 2007. The remaining 75% vest in 12 equal quarterly installments commencing on September 19, 2007.
- (2) Received in connection with the merger of Protalix Ltd. (Protalix) into a wholly-owned subsidiary of Orthodontix, Inc. in exchange for employee stock options to acquire 10,150 ordinary shares of Protalix.

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.