

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

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

1. Name and Address of Reporting Person*  <u>Aviezer David</u>  (Last) (First) (Middle)  <u>C/O ORTHODONTIX, 2 SNUTIT ST</u> <u>SCIENCE PARK, POB 455</u>  (Street)  <u>CARMIEL,</u> <u>21000</u> <u>ISRAEL</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ORTHODONTIX INC [ ORTX ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  <input checked="" type="checkbox"/> Director 10% Owner  <input checked="" type="checkbox"/> Officer (give title below) Other (specify below)  <u>President &amp; CEO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>12/31/2006</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Stock Options (Right to Buy)	\$0.12	12/31/2006		A		807,858		(1)	12/08/2013	Common Stock	807,858	(2)	807,858	D
Stock Options (Right to Buy)	\$0.972	12/31/2006		A		977,297		(3)	09/10/2016	Common Stock	977,297	(4)	1,785,155	D

Explanation of Responses:

1. All of the shares of Common Stock underlying the options have vested prior to the transaction date
2. Received in connection with the merger (the Merger) of Protalix Ltd. (Protalix) into a wholly-owned subsidiary of Orthodontix, Inc. in exchange for employee stock options to acquire 13,226 ordinary shares of Protalix.
3. The shares of Common Stock underlying the options vest in 16 equal quarterly installments commencing on June 1, 2006.
4. Received in connection with the Merger in exchange for employee stock options to acquire 16,000 ordinary shares of Protalix.

David Aviezer

01/05/2007

\*\* 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.

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