ABAXIS INC Form 4 February 02, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Expires:

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if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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).

(Print or Type Responses)

| 1. Name and Add OSTOICH VL | • | ting Person * | 2. Issuer Name and Ticker or Trading Symbol ABAXIS INC [ABAX] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | |
|-------------------------------|-----------|---------------|--|--|--|--|
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction | | | |
| C/O ABAXIS RD | INC, 3240 | WHIPPLE | (Month/Day/Year) 02/01/2007 | Director 10% Owner _X Officer (give title Other (specify below) VP of Govt Affairs & Pac Rim | | |
| (Street) | | | 4. If Amendment, Date Original | 6. Individual or Joint/Group Filing(Check | | |
| UNION CITY, CA 94587 | | | Filed(Month/Day/Year) | Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | |

| (City) | (State) | (Zip) Tab | le I - Non-I | Derivative | Secu | rities Acqu | ired, Disposed of | , or Beneficiall | y Owned |
|--------------------------------------|---|---|---|------------|------|--|--|---|---------|
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or | | | 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 | (D) | Price | (Insure und 1) | | |
| Common Stock | 02/01/2007 | | P | 6,000 | A | \$ 4.87 | 255,891 | D | |
| Common Stock (1) | 02/01/2007 | | S | 6,000 | D | \$ 21.611 | 249,891 | D | |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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

| E S | . Title of Derivative ecurity Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 4. Transactic Code (Instr. 8) | 5. Number on Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | rative Expiration Date es (Month/Day/Year) d | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | |
|--------|--|---|---|--|---|--|--------------------|---|--|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| | Option Exercise | \$ 4.87 | 02/01/2007 | M | 6,000 | 04/24/2002(2) | 04/24/2011 | Common Stock | 6,000 |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

OSTOICH VLADIMIR C/O ABAXIS INC 3240 WHIPPLE RD UNION CITY, CA 94587

VP of Govt Affairs & Pac Rim

Signatures

/s/ Vladimir Ostoich 02/02/2007

**Signature of Date
Reporting Person

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) All shares reported sold on this Form 4 were sold pursuant to a 10b5-1 trading program.
- (2) Options exercisable to the extent vested.

Includes - (a) 83,808 common stock; (b) 26,355 shares held by Dr. Ostoich's IRA; (c) 22,400 shares held by Mrs. Ostoich's IRA; (d) 117,328 shares held by the Vladimir Ostoich and Liliana Ostoich Trust Fund, for the benefit of Dr. Ostoich and his wife,(e) 20,000 unvested restricted stock units as of 02/01/2007; and (f) 207,000 shares subject to options exercisable by Dr. Ostoich and 2,500 shares unvested as of 02/01/2007.

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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