OSTOICH VLADIMIR

Form 4

September 14, 2012

FORM 4

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

OMB Number: 3235-0287

Estimated average

burden hours per

response...

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

0.5

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

See Instruction

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).

(City)

(Zin)

(State)

(Print or Type Responses)

| 1. Name and Address of Reporting Person * OSTOICH VLADIMIR | | | 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 | (Check air applicable) | | |
| | | | (Month/Day/Year) | Director 10% Owner | | |
| C/O ABAXIS, WHIPPLE RO | | | 09/05/2012 | _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 | | |
| | | | Filed(Month/Day/Year) | Applicable Line) _X_ Form filed by One Reporting Person | | |
| UNION CITY, CA 94587 | | | | Form filed by More than One Reportin Person | | |

| (City) | (State) | (Zip) Tab | le I - Non-I | Derivative | Secui | 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) | |
| Common Stock | 09/05/2012 | | Code V | Amount 4,174 | (D) | Price \$ 38.2 | 400,121 | D | |
| Common Stock | 09/05/2012 | | S | 500 | D | \$ 38.25 | 399,621 | D | |
| Common Stock | 09/05/2012 | | S | 126 | D | \$ 38.251 | 399,495 | D | |
| Common Stock | 09/05/2012 | | S | 100 | D | \$ 38.21 | 399,395 | D | |
| Common Stock | 09/05/2012 | | S | 100 | D | \$ 38.23 | 399,295 | D | |

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| Common Stock | 09/05/2012 | S | 157 | D | \$ 38.25 399,138 | D |
|-----------------|------------|---|-----|---|------------------|---|
| Common Stock | 09/05/2012 | S | 100 | D | \$ 38.26 399,038 | D |

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

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 control number.

SEC 1474

(9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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. Transac Code (Instr. 8 | 5. stionNumb of S) Deriv Secur Acqui (A) or Dispo of (D) (Instr. | er Expiration (Month/D) ative ities ired resed) . 3, | | Secur | ant of rlying | 8. Price of Derivative Security (Instr. 5) |
|---|---|---|---|------------------------------------|---|---|-----------------------|-------|--|---|
| | | | | Code | V (A) | Date Exercisab | Expiration le Date | Title | Amount or Number of Shares | |

Reporting Owners

| Reporting Owner Name / Address | Ketauonsinps | | | | | |
|--------------------------------|--------------|-----------|---------|-------|--|--|
| | Director | 10% Owner | Officer | Other | | |

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

VP of Govt Affairs & Pac Rim

Dolotionchine

Signatures

/s/ Vladimir
Ostoich

**Signature of Reporting Person

O9/14/2012

Date

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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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