Mulroy Martin Form 4 May 06, 2010

FORM 4

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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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 Address of Reporting Person * Mulroy Martin			2. Issuer Name and Ticker or Trading Symbol ABAXIS INC [ABAX]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) C/O ABAXI WHIPPLE R	S, INC., 3240	Aiddle)	3. Date of Earliest Transaction (Month/Day/Year) 05/05/2010				(Check all applicable) Director 10% OwnerX_ Officer (give title Other (specify below) VP-Sales&Marketing, Veterinary				
UNION CIT	4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)		(Zip)	Table	I - Non	-Da	rivotivo S	locuri	tios Ac	quired, Disposed (of or Ranaficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Dee (Month/Day/Year) Execution any			3. Transa Code (Instr.	ctio	4. Securities nAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership 7. I Form: Direct Ind (D) or Ber Indirect (I) Ow	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	05/05/2010			Code M	V	Amount 2,000	(D)	Price \$ 0	21,658	D	
Common	05/05/2010			F		734	D	\$ 0	20,924	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)

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. Transacti 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 Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units (1)	\$ 0	05/05/2010		M	2,000	05/05/2010(2)	(3)	Common Stock	2,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Mulroy Martin C/O ABAXIS, INC. 3240 WHIPPLE ROAD UNION CITY, CA 94587

VP-Sales&Marketing, Veterinary

Signatures

/s/ Martin
Mulroy

**Signature of Date

**Signature of 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) Each restricted stock unit represents a contingent right to receive one share of Abaxis common stock.
- Granted under the Abaxis 2005 Equity Incentive Plan. Restricted Stock Units vest as to 5% after the first year; then vest as to 10% after the second year; then vest as to 15% after the third year; and the remaining 70% after the fourth year.
- (3) Not applicable.

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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