RATOFF STEVEN B

Form 4

August 25, 2006

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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OMB APPROVAL

response...

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

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * RATOFF STEVEN B

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

AXONYX INC [AXYX]

(Check all applicable)

(Last)

(First)

(Middle)

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

X_ Director Officer (give title

10% Owner Other (specify

C/O AXONYX INC, 500 SEVENTH 08/23/2006

(Street)

AVENUE, 10TH FLOOR

4. If Amendment, Date Original

(Instr. 8)

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

below)

NEW YORK, NY 10018

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

4. Securities 3. TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned

7. Nature of 6. Ownership Form: Direct Indirect (D) or Indirect Beneficial (I)

Following Reported

Ownership (Instr. 4) (Instr. 4)

(A) or Code V Amount (D) Price

(Instr. 3, 4 and 5)

Transaction(s) (Instr. 3 and 4)

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

Persons who respond to the collection of **SEC 1474** information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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

D Se

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8	8)	Acquired or Dispose (D) (Instr. 3, 4 and 5)	ed of			(Instr. 3 and 4)		(I	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
stock options	\$ 0.86	08/23/2006		A		32,700		<u>(1)</u>	08/22/2016	common stock	32,700		
stock	\$ 0.86	08/23/2006		A		16,500		(2)	08/22/2016	common	16,500		

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	

RATOFF STEVEN B C/O AXONYX INC 500 SEVENTH AVENUE, 10TH FLOOR NEW YORK, NY 10018



Signatures

Steven B. Ratoff 08/25/2006

**Signature of Reporting Person 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).
- (1) 25% of the options are currently exercisable; an additional 25% become exercisable on each of 10/1/06, 1/1/07 and 4/1/07.
- (2) 50% of the options become exercisable on 12/31/06, and the remaining 50% become exercisable on 12/31/07.

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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