

MISONIX INC
 Form 4
 September 16, 2014

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
ALLIGER HOWARD

(Last) (First) (Middle)

**FRONTIER PHARMACEUTICAL
 INC, 10 PONDEROSA DRIVE**

(Street)

MELVILLE, NY 11747

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
MISONIX INC [MSON]

3. Date of Earliest Transaction
 (Month/Day/Year)
09/12/2014

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
 Director Emeritus

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	09/12/2014		P		15,000	A	\$ 2.66
Common Stock	09/12/2014		S		5,055	D	\$ 9.01
Common Stock	09/12/2014		S		1,800	D	\$ 9
Common Stock	09/12/2014		S		100	D	\$ 8.91
Common Stock	09/12/2014		S		2,457	D	\$ 8.9
							73,900
							68,845
							67,045
							66,945
							64,488

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Common Stock	09/12/2014	S	488	D	\$ 8.88	64,000	D
Common Stock	09/12/2014	S	300	D	\$ 8.89	63,700	D
Common Stock	09/12/2014	S	725	D	\$ 8.86	62,975	D
Common Stock	09/12/2014	S	300	D	\$ 8.85	62,675	D
Common Stock	09/12/2014	S	100	D	\$ 8.82	62,575	D
Common Stock	09/12/2014	S	100	D	\$ 8.81	62,475	D
Common Stock	09/12/2014	S	550	D	\$ 8.8	61,925	D
Common Stock	09/12/2014	S	25	D	\$ 8.69	61,900	D
Common Stock	09/15/2014	S	3,000	D	\$ 8.95	58,900	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. 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 Underlying Securities (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 2.66	09/12/2014		M	15,000	09/10/2009	09/10/2018	Common Stock	15,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ALLIGER HOWARD FRONTIER PHARMACEUTICAL INC 10 PONDEROSA DRIVE MELVILLE, NY 11747				Director Emeritus

Signatures

/s/ Howard
Alliger
09/16/2014

**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) Granted pursuant to Issuer's Non-Employee Director Stock Option Plan.

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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