

IONATRON, INC.
Form 4
March 30, 2006

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 *
WALIK BERNARD

(Last) (First) (Middle)

C/O IONATRON, INC., 3590 EAST COLUMBIA STREET

(Street)

TUCSON, AZ 85714

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
IONATRON, INC. [IOTN]

3. Date of Earliest Transaction (Month/Day/Year)
03/29/2006

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)

Executive VP - Operations

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	03/29/2006		M	15,000 A \$ 3.35	15,000	D	
Common Stock	03/29/2006		M	33,334 A \$ 3.35	48,334	D	
Common Stock	03/29/2006		M	50,000 A \$ 7.16	98,334	D	
Common Stock	03/29/2006		S	98,334 D \$ 13.4022	0	D	

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

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(9-02)

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
Options (right to buy)	\$ 3.35	03/29/2006		M	15,000	03/26/2005	03/26/2009	Common Stock	15,000
Options (right to buy)	\$ 3.35	03/29/2006		M	33,334	03/26/2005	03/26/2009	Common Stock	33,334
Options (right to buy)	\$ 7.16	03/29/2006		M	50,000	01/28/2005	01/28/2009	Common Stock	50,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WALIK BERNARD C/O IONATRON, INC. 3590 EAST COLUMBIA STREET TUCSON, AZ 85714			Executive VP - Operations	

Signatures

/s/ Bernard
Walik

03/30/2006

**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).

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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