IONATRON, INC.
Form 4
March 30, 2006

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 Form 5 obligations may continue. *See* Instruction 1(b).

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	2. Issuer Name **and** Ticker or Trading Symbol IONATRON, INC. [IOTN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
(Last)　　(First)　　(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/29/2006	_____ Director　　　_____ 10% Owner __X__ Officer (give title _____ Other (specify below)　　　　　below) Executive VP - Operations
C/O IONATRON, INC., 3590 EAST COLUMBIA STREET		
(Street)	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
TUCSON, AZ 85714		
(City)　　(State)　　(Zip)		

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.

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.

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.

Explanation of Responses: 3