IONATRON, INC. Form 4 September 26, 2006

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

**OMB APPROVAL** 

OMB 3235-0287 Number:

January 31, Expires: 2005

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

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

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations may continue.

(Middle)

(7:-

See Instruction 1(b).

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)

(Last)

1. Name and Address of Reporting Person \* HAYDEN JOSEPH

(First)

(Street)

(State)

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

(Month/Day/Year)

09/22/2006

IONATRON, INC. [IOTN] 3. Date of Earliest Transaction

(Check all applicable)

Director 10% Owner Other (specify X\_ Officer (give title

below)

IONATRON, INC., 3716 E. **COLUMBIA STREET** 

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

**Executive VP Programs** 

Filed(Month/Day/Year) Applicable Line)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

below)

TUCSON, AZ 85714

(C:tr.)

| (City)                               | (State)                                 | ole I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned                         |                              |              |     |  |  |   |                               |  |
|--------------------------------------|---|--|------------------------------|--------------|-----|--|--|---|-------------------------------|--|
| 1.Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 3. 4. Securities Acquired (A) Transactiomr Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)  (A) or |                              |              |     | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |                               |  |
| Common<br>Stock                      | 09/22/2006                              |  | Code V $S_{\underline{(1)}}$ | Amount 1,160 | (D) | Price \$ 5.5011  | 6,079,408  | D   |                               |  |
| Common<br>Stock                      | 09/25/2006                              |  | S <u>(1)</u>                 | 10,840       | D   | \$<br>5.5038   | 6,068,568  | D   |                               |  |
| Common<br>Stock                      | 09/26/2006                              |  | S <u>(1)</u>                 | 6,000        | D   | \$<br>5.5177   | 6,062,568  | D   |                               |  |
| Common<br>Stock                      |   |  |                              |              |     |  | 13,800   | I   | Owned by<br>Minor<br>children |  |

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

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SEC 1474 (9-02)

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.         | 6. Date Exerc                    | cisable and | 7. Title | e and    | 8. Price of | 9. Nu  |
|--|-------------|-------------|---------------------|--------------------|------------|------------|----------------------------------|-------------|----------|----------|-------------|--------|
|  | Derivative  | Conversion  | (Month/Day/Year)    | Execution Date, if | Transactio | onNumber   | Expiration D                     | ate         | Amou     | nt of    | Derivative  | Deriv  |
|  | Security    | or Exercise |                     | any                | Code       | of         | (Month/Day/                      | Year)       | Under    | lying    | Security    | Secui  |
|  | (Instr. 3)  | Price of    |                     | (Month/Day/Year)   | (Instr. 8) | Derivative | e                                |             | Securi   | ties     | (Instr. 5)  | Bene   |
|  |             | Derivative  |                     |                    |            | Securities |                                  |             | (Instr.  | 3 and 4) |             | Owne   |
|  |             | Security    |                     |                    |            | Acquired   |                                  |             |          |          |             | Follo  |
|  |             | •           |                     |                    |            | (A) or     |                                  |             |          |          |             | Repo   |
|  |             |             |                     |                    |            | Disposed   |                                  |             |          |          |             | Trans  |
|  |             |             |                     |                    |            | of (D)     |                                  |             |          |          |             | (Instr |
|  |             |             |                     |                    |            | (Instr. 3, |                                  |             |          |          |             |        |
|  |             |             |                     |                    |            | 4, and 5)  |                                  |             |          |          |             |        |
|  |             |             |                     |                    |            |            |                                  |             |          | Amount   |             |        |
|  |             |             |                     |                    |            |            |                                  |             |          | Amount   |             |        |
|  |             |             |                     |                    |            |            | Date Expiration Exercisable Date | Expiration  | or Or    |          |             |        |
|  |             |             |                     |                    |            |            |                                  |             |          |          |             |        |
|  |             |             |                     | C 1 W              | (A) (D)    |            |                                  |             | of       |          |             |        |
|  |             |             |                     |                    | Code V     | (A) (D)    |                                  |             |          | Shares   |             |        |

### **Reporting Owners**

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

HAYDEN JOSEPH IONATRON, INC. 3716 E. COLUMBIA STREET TUCSON, AZ 85714

**Executive VP Programs** 

# **Signatures**

/s/ Joseph 09/26/2006 Hayden

\*\*Signature of Date 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).
- This sale was made pursuant to a trading plan previously entered into by the reporting person and complies with the requirements of Rule (1) 10b5-1(c)(1) under the Securities Exchange Act of 1934, as amended.

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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