

IONATRON, INC.  
Form 8-K  
July 05, 2006

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549**

**FORM 8-K**

**CURRENT REPORT PURSUANT  
TO SECTION 13 OR 15(D) OF THE  
SECURITIES EXCHANGE ACT OF 1934**

Date of report (Date of earliest event reported) July 5, 2006

IONATRON, INC.

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(Exact Name of Registrant as Specified in Its Charter)

Delaware

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(State or Other Jurisdiction of Incorporation)

001-14015  
(Commission File Number)

77-0262908  
(IRS Employer Identification No.)

3716 East Columbia, Tucson, Arizona  
(Address of Principal Executive Offices)

85714  
(Zip Code)

(520) 628-7415

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(Registrant's Telephone Number, Including Area Code)

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(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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**Item 5.02. Departure of Directors or Principal Officers; Election of Directors; Appointment of Principal Officers**

(c) Kenneth M. Wallace was appointed Chief Operating Officer of the Registrant effective as of July 5, 2006.

Mr. Wallace has been the Chief Financial Officer of the Registrant since March 2006. From October 2005 through March 2006, Mr. Wallace was Chief Financial Officer of Crosswalk, Inc., an early-stage software and grid storage development company. From July 2004 through May 2005, Mr. Wallace was Senior Vice President and Chief Operating Officer of a building products manufacturer based in Chandler, Arizona. From 2000 through 2004, Mr. Wallace was Chief Financial Officer and a Director of Moxtek, a scientific instrumentation company specializing in X-Ray optics and nano-structured polarization technologies. From 1996 to 2000, Mr. Wallace was Chief Financial Officer of LAB-Interlink, a high-tech laboratory automation company specializing in the remote handling of clinical laboratory specimens.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

IONATRON, INC.  
(Registrant)

By: /s/ Kenneth  
Wallace  
Kenneth Wallace  
Chief Operating Officer and Chief Financial Officer

Date: July 5, 2006

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