Common Stock

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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

		00540	
Washington,	D.C.	20549	

ngton, D.C. 20549	OMB APPROVAL
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(A) or (D)

Α

A

A

A

A

D

Price

\$12.68

\$10

\$11.21

\$9.93

\$14

\$31.27(1)

Amount

690

1,592

1,250

1,167

750

5,449

Reported

Transaction(s)

(Instr. 3 and 4)

14,350

15,942

17,192

18,359

19,109

13,660

OMB Number: Estimated average burden hours per response: 0.5

(Instr. 4)

D

D

D

D

D

D

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b)

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Date		2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4		5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership	
		Table I - No	n-Derivative	Securities Acc	quired, Dis	posed of, or Benefi	cially	Owned		
(City)	(State)	(Zip)						Person		
BETHLEHEM	PA	18017					X	Form filed by One Form filed by Mor		
(Street)			4. If A	mendment, Date of	f Original Filed	I (Month/Day/Year)	Line)	vidual or Joint/Group	Filing (Check A	pplicable
(Last) 4270 VASSAR	(First) AVENUE	(Middle)		te of Earliest Transa 1/2011	action (Month/	Day/Year)		below) EVP & Chief T	below echnology Of	
1. Name and Addres Doran Patrick	, ,	Person*		_		Symbol IOLOGIES INC		ationship of Reportin all applicable) Director Officer (give title	10% C Other	wner (specify
						inparty Act of 1940				

Code

M

M

M

М

S

06/01/2011

06/01/2011

06/01/2011

06/01/2011

06/01/2011

06/01/2011

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

(e.g., puts, cans, 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. Transa Code (8)		ı of		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Right to Buy)	\$12.68	06/01/2011		M			690	12/05/2007 ⁽²⁾	12/05/2016	Common Stock	690	\$0.00	4,140	D	
Stock Option (Right to Buy)	\$10	06/01/2011		M			1,592	10/01/2006 ⁽³⁾	10/01/2015	Common Stock	1,592	\$0.00	9,554	D	
Stock Option (Right to Buy)	\$11.21	06/01/2011		M			1,250	08/01/2010 ⁽⁴⁾	08/01/2016	Common Stock	1,250	\$0.00	32,500	D	
Stock Option (Right to Buy)	\$9.93	06/01/2011		М			1,167	12/05/2009 ⁽⁵⁾	12/05/2015	Common Stock	1,167	\$0.00	16,999	D	
Stock Option (Right to Buy)	\$14	06/01/2011		М			750	12/01/2010 ⁽⁶⁾	12/01/2016	Common Stock	750	\$0.00	25,450	D	

Explanation of Responses:

- 1. The weighted average sales price is reported as stock sales were aggregated for reporting purposes. The per share transation price ranged from \$31.09 to \$31.36. The reporting person will provide, upon request from an appropriate party, the pre share sales volume and prices.
- 2. The option shall become exercisable with respect to the first 25 percent of the shares subject to the option when the Reporting Person completes 12 months of continuous service after 12/5/2006. The option shall become exercisable with respect to an additional 1/48th of the shares subject to the option when the Reporting Person completes each month of continuous service thereafter.
- 3. The option became exercisable with respect to the first 25 percent of the shares subject to the option when the Reporting Person completes 12 months of continuous service after October 1, 2005. The option shall became exercisable with respect to an additional 1/48th of the shares subject to the option when the Reporting Person completed each month of continuous service thereafter.
- 4. The option shall become exercisable with respect to the first 25 percent of the shares subject to the option when the Reporting Person completes 12 months of continuous service after August 1, 2009. The option shall become exercisable with respect to an additional 1/48th of the shares subject to the option when the Reporting Person completes each month of continuous service thereafter.
- 5. The option became exercisable with respect to the first 25 percent of the shares subject to the option when the Reporting Person completed 12 months of continuous service after December 5, 2008. The option becomes exercisable with respect to an additional 1/48th of the shares subject to the option when the Reporting Person completes each month of continuous service thereafter.

6. The option shall become exercisable with respect to the first 25 percent of the shares subject to the option when the Reporting Person completes 12 months of continuous service after December 1, 2009. The option shall become exercisable with respect to an additional 1/48th of the shares subject to the option when the Reporting Person completes each month of continuous service thereafter.

Remarks:

***All of the sales reported on this Form were effected pursuant to an approved Rule 10b5-1 trading plan. ***

<u>/s/ Patrick J. Doran</u> <u>06/03/2011</u>

** Signature of Reporting Person Date

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

- * 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.