T2 Biosystems, Inc.       Form 4         May 11, 2015       OMB APPROVAL         FORM 4       UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549       OMB APPROVAL         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 Exchange Act of 1934, 2005       Expires: January 31, 2005         Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 30(h) of the Investment Company Act of 1935 or Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 16(b).       Stimated average burden hours per section 16(b).									
(Print or Type Responses)									
1. Name and Address of Reporting P Pfaller Michael A.	er Name <b>and</b> Ticker or Trading systems, Inc. [TTOO]				5. Relationship of Reporting Person(s) to Issuer				
(Last) (First) (M		3. Date of Earliest Transaction			(Check	Check all applicable)			
(Month/D 101 HARTWELL AVENUE 05/08/20			n/Day/Year) /2015				Director 10% Owner X Officer (give title Other (specify below) below) Chief Medical Officer		
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)				<ul> <li>6. Individual or Joint/Group Filing(Check</li> <li>Applicable Line)</li> <li>_X_ Form filed by One Reporting Person</li> </ul>				
LEXINGTON, MA 02421 Form filed by One Reporting Person Form filed by More than One Reporting Person Person									
(City) (State) (	(Zip) Tab	le I - Non-I	Derivative	Securi	ities Acqu	uired, Disposed of,	, or Beneficiall	y Owned	
1.Title of Security (Instr. 3)2. Transaction Date (Month/Day/Year)		3. Transactio Code (Instr. 8) Code V	4. Securit or(A) or Dis (Instr. 3, 4)	sposed	l of (D)	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)	
Common 05/08/2015 Stock		M	15,440	A	\$ 10.69	15,440	D		
Common 05/08/2015 Stock		S	15,440	D	\$ 16.31 (1)	0	D		

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

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 control number.

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## 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. 5. Number of TransactiorDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		tioiDerivative Expiration Date Securities (Month/Day/Year) ) Acquired (A) or Disposed of (D) (Instr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8 I S (
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (Right to Buy)	\$ 10.69	05/08/2015		М	15,440	(2)	04/09/2024	Common Stock	15,440	

## **Reporting Owners**

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Pfaller Michael A. 101 HARTWELL AVENUE LEXINGTON, MA 02421			Chief Medical Officer			
Signatures						

/s/ Marc R. Jones, Attorney-in-fact	05/11/2015		
**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).
- The price reported is a weighted average price. These shares were sold in multiple transactions at per share prices ranging from \$15.90 to
   (1) \$ 16.40. The reporting person undertakes to provide upon request to the SEC staff, the Issuer, or any stockholder of the Issuer, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.
- This Stock Option was granted on April 9, 2014 and vesting commenced on March 3, 2014. Options to purchase 25% of the total
- (2) underlying shares vested on the first anniversary of the vesting commencement date and options to purchase the remaining shares vest in 36 equal monthly installments thereafter.

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.