T2 Biosystems, I Form 4	nc.										
January 26, 2016											
									OMB APPROVAL		
FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549							N OMB Number:	3235-0287			
Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. <i>See</i> Instruction 1(b).	F CHAN Section 1 Public U	<b>CHANGES IN BENEFICIAL OWNERSHIP OF</b> <b>SECURITIES</b> ection 16(a) of the Securities Exchange Act of 1934, ablic Utility Holding Company Act of 1935 or Section f the Investment Company Act of 1940					Expires:January 31, 2005Estimated average burden hours per response0.5				
(Print or Type Respo	nses)										
1. Name and Address of Reporting Person <u>*</u> Lowery Thomas J.			2. Issuer Name <b>and</b> Ticker or Trading Symbol T2 Biosystems, Inc. [TTOO]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
(Last)	(First) (1	Middle)	3. Date of	of Earliest T	ransaction		(Check an applicable)				
101 HARTWELL AVENUE			(Month/Day/Year) 01/20/2016			Director 10% Owner X Officer (give title Other (specify below) below) Chief Scientific Officer					
			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, N	MA 02421						Form filed by Person	More than One R	eporting		
(City)	(State)	(Zip)	Tab	le I - Non-	Derivative	Securities A	cquired, Disposed	of, or Beneficia	lly Owned		
	ansaction Date hth/Day/Year)	Execution any	Date, if	Code (Instr. 8)	4. Securiti onAcquired Disposed (Instr. 3, 4 Amount	(A) or of (D)	Securities Beneficially	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Reminder: Report or	a senarate line	for each cl	ass of sec	urities bene	ficially own	ed directly	or indirectly				
Kenninder, Keport of	r a separate fille	ior each ch			Person inform require	ns who restation cont ed to resp ys a curre	spond to the colle tained in this form ond unless the fo ntly valid OMB co	n are not rm	SEC 1474 (9-02)		

 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. Number of	6. Date Exercisable and	7. Title and Amount of	8
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orDerivative	Expiration Date	Underlying Securities	I
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	(Instr. 3 and 4)	S

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(Instr. 3)	Price of Derivative Security	(Month/Day/Y	ear) (Instr. 8)	Acquired (A or Disposed (D) (Instr. 3, 4, and 5)				(
			Code V	(A) (1	D) Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 9.02	01/20/2016	А	58,800	<u>(1)</u>	01/19/2026	Common Stock	58,800

## **Reporting Owners**

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Lowery Thomas J. 101 HARTWELL AVENUE LEXINGTON, MA 02421			Chief Scientific Officer			
Signatures						
/s/ Chris Martin,	0.5					

 Attorney-in-fact
 01/26/2016

 \*\*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).

(1) The stock option vests in 48 monthly installments commencing January 20, 2016.

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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