Lowery Thomas J. Form 4 September 21, 2018

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *Lowery Thomas J.	2. Issuer Name and Ticker or Trading Symbol T2 Biosystems, Inc. [TTOO]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) (First) (Middle)	3. Date of Earliest Transaction	(Check all applicable)			
101 HARTWELL AVENUE	(Month/Day/Year) 09/20/2018	Director 10% Owner _X_ Officer (give title Other (specify below) Chief Scientific Officer			
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
LEXINGTON, MA 02421	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) (Zip) Table	e I - Non-D	erivative S	Securi	ties Acq	uired, Disposed o	of, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	09/20/2018		M	31,603	A	\$ 3.22	74,829	D	
Common Stock	09/20/2018		M	16,602	A	\$ 3.22	91,431	D	
Common Stock	09/20/2018		S(1)	48,205	D	\$ 6.18 (2)	43,226	D	

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

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displays a currently valid OMB control number.

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. Transaction Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	erivative Expiration Date ecurities (Month/Day/Year) cquired (A) r Disposed of D) nstr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 3.22	09/20/2018		M	31,603	09/25/2017	09/25/2023	Common Stock	31,603
Stock Option (Right to Buy)	\$ 3.22	09/20/2018		M	16,602	01/22/2018	01/22/2024	Common Stock	16,602

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Lowery Thomas J.

101 HARTWELL AVENUE Chief Scientific Officer

Signatures

LEXINGTON, MA 02421

/s/ John Sprague,

Attorney-in-fact 09/21/2018

**Signature of Reporting Person Da

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 transactions reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on June 12, 2018.
- The price reported is a weighted average price. These shares were sold in multiple transactions at per share prices ranging from \$6.02 to \$6.38. 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.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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