McDonough John Form 4 February 12, 2019

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

3235-0287 January 31,

Expires:

2005

0.5

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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 * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading McDonough John Issuer Symbol T2 Biosystems, Inc. [TTOO] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner X_ Officer (give title _ __ Other (specify 101 HARTWELL AVENUE 02/09/2019 below) President & CEO (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting LEXINGTON, MA 02421 Person

(Ctota)

(City)	(State)	Table Table	e I - Non-D	erivative S	Securi	ties Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, i any (Month/Day/Year)		3. Transactic Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock	02/09/2019		Code V M	Amount 16,666	or (D)	Price	(Instr. 3 and 4) 456,354	D	
Common Stock	02/11/2019		S(2)	8,134	D	\$ 3.36 (3)	448,220	D	

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

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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. Transaction Code (Instr. 8)	5. Number of orderivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Date		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. I De Sec (In
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	(1)	02/09/2019		M	16,666	<u>(4)</u>	<u>(4)</u>	Common Stock	16,666	

Reporting Owners

Reporting Owner Name / Address	Relationships						
1 0	Director	rector 10% Owner Officer		Other			
McDonough John							
101 HARTWELL AVENUE	X		President & CEO				
LEXINGTON, MA 02421							

Signatures

/s/ John Sprague, Attorney-in-fact

02/12/2019

**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) Each restricted stock units ("RSU's") represents a contingent right to receive one share of the Issuer's common stock.
- (2) The transaction was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on June 11, 2018.
- The price reported is a weighted average price. These shares were sold in multiple transactions at per share prices ranging from \$3.31 to (3) \$3.40. 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.
- On February 9, 2017 the reporting person was granted 50,000 RSU's that vested in three equal annual installments beginning on February 9, 2018.

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.

Reporting Owners 2