Instruction 1(b).

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washir

ngton, D.C. 20549	OMB APP

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP	ОМЕ

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

OMB APPROVAL							
OMB Number: 3235-028							
Estimated average burden							
hours per response:							

Name and Address of Reporting Person*     Bostick Thomas					2. Issuer Name <b>and</b> Ticker or Trading Symbol  INTREXON CORP [ XON ]							(Ch	Relationship of eck all applications	able) r	Pers	on(s) to Issu 10% Ow Other (s	/ner
(Last) (First) (Middle) 20374 SENECA MEADOWS PARKWAY					3. Date of Earliest Transaction (Month/Day/Year) 04/09/2019								helow)			below)	респу
(Street) GERMANTOWN MD 20876				4.	4. If Amendment, Date of Original Filed (Month/Day/Year)						Line	Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting					
(City)	(St	ate)	(Zip)									Person					
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																
Date				Transaction te onth/Day/Y	Execution Date,			Code (In	Transaction Disposed Of (D) (Instr. 3, 4				Beneficia	es For ally (D) Following (I) (		orm: Direct ) or Indirect (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
							Code	V	Amount	(A) oi (D)	Price	Transact (Instr. 3 a	ction(s)			(IIISU. 4)	
	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	Code		n of		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amou of Securities Underlying Derivative Securit (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	у	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exercisable		expiration Pate	Title	Amount or Number of Shares					
Restricted Stock Units	(1)	04/09/2019		A		57,362		(2)		(2)	Common Stock	57,362	\$0	57,362		D	

## **Explanation of Responses:**

- $1. \ Each \ restricted \ stock \ unit \ represents \ a \ contingent \ right \ to \ receive \ one \ share \ of \ XON \ common \ stock.$
- 2. The restricted stock units vest in four equal quarterly installments beginning June 30, 2019.

## Remarks:

/s/ Thomas Bostick, by Donald

04/11/2019

P. Lehr, as attorney-in-fact

\*\* 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.