Patzig Robert Form 4 February 07, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Patzig Robert			2. Issuer Name and Ticker or Trading Symbol				5. Relationship of Reporting Person(s) to Issuer			
			TRANSGENOMIC INC [TBIO.OB]				(Check all applicable)			
(Last)	(First) (M	Middle) 3.	. Date of I	Earliest Tra	ansaction					
`			(Month/Day/Year) 02/03/2012			_X_ Director Officer (giv below)		6 Owner er (specify		
(Street) 4			4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check			
		Fi	iled(Montl	h/Day/Year)				Applicable Line) _X_ Form filed by	One Reporting Pe	erson
RADFORD, VA 24141							Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table	I - Non-D	erivative S	ecuritie	s Acq	quired, Disposed o	of, or Beneficial	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Date, if	3. Transactic Code (Instr. 8)	4. Securit on(A) or Dis (D) (Instr. 3, 4	sposed of 4 and 5) (A) or	of	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 Stock	02/03/2012			P	25,000	A ((1)	40,000	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)

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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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		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
Warrant to Purchase Shares of Common Stock	\$ 1.25	02/03/2012		A	12,500	<u>(2)</u>	02/02/2017	Common Stock	12,500

Reporting Owners

Reporting Owner Name / Address	Relationships					
1 8	Director	10% Owner	Officer	Other		
Patzig Robert C/O THIRD SECURITY, LLC 1881 GROVE AVENUE RADFORD, VA 24141	X					

Signatures

/s/ Robert Patzig 02/07/2012

**Signature of Date
Reporting Person

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) Mr. Patzig purchased 25,000 Units for \$1.00 per Unit. Each Unit consists of one (1) share of Common Stock and a Warrant to Purchase 0.5 shares of Common Stock at an exercise price of \$1.25 per share.
- (2) These warrants are exercisable immediately upon issuance.

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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