

| OMB APPROVAL | |
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

| | | |
|---|---|---|
| 1. Name and Address of Reporting Person* <u>SLATTERY JOSEPH P</u> (Last) (First) (Middle) <u>C/O TRANSENERIX, INC.</u> <u>635 DAVIS DRIVE, SUITE 300</u> (Street) <u>MORRISVILLE NC 27560</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>TRANSENERIX INC. [TRXC]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title below) Other (specify below) <u>EVP and CFO</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>02/12/2016</u> | |
| | 4. If Amendment, Date of Original Filed (Month/Day/Year) | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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 (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|-------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |

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 Derivative 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 Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|----------------------------|--|--|---|--|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |
| Stock Option | \$3.82 | 02/12/2016 | | A | | 333,000 | | (1) | 02/12/2026 | Common Stock | 333,000 | \$0.00 | 333,000 | D | |
| Restricted Stock Units | \$0.00 | 02/12/2016 | | A | | 73,333 | | (2) | (3) | Common Stock | 73,333 | \$0.00 | 73,333 | D | |

Explanation of Responses:

- Vests 25% on the first anniversary of the date of grant and 1/48th of the entire award monthly on the vesting date anniversary for 36 months, subject to acceleration as set forth in the Incentive Plan.
- Each restricted stock unit represents the right to receive one share of the Registrant's common stock.
- Forfeiture restrictions will lapse on the restricted stock units in three equal annual installments of 24,445, 24,444 and 24,444 on February 4, 2017, 2018 and 2019, as long as the Reporting Person remains in the employ of the Registrant, subject to acceleration as set forth in the Incentive Plan.

Remarks:

/s/ Joshua Weingard, as
Attorney-in-Fact for Joseph Slattery 02/12/2016

** 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.