FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

**OMB APPROVAL** OMB Number: Estimated average burden hours per response: 0.5

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>Brown Michael Denny</u>                 |   |  |   |      |   | 2. Issuer Name and Ticker or Trading Symbol GTX INC /DE/ [ GTXI ] |     |  |                |              |  |                      |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner  Officer (give title Other (specify |  |   |  |   |
|---|---|--|---|------|---|---|-----|--|----------------|--------------|--|----------------------|--|---|--|---|--|---|
| (Last) (First) (Middle) 3 N. DUNLAP STREET  |   |  |   |      | 3. Date of Earliest Transaction (Month/Day/Year) 04/29/2008 |   |     |  |                |              |  |                      | X  | officer<br>below)   |  |   | below)   | pecify  |
| (Street) MEMPHIS TN 38163  (City) (State) (Zip)                                     |   |  |   | 4.   | 4. If Amendment, Date of Original Filed (Month/Day/Year)    |   |     |  |                |              |  |                      | 6. Individual or Joint/Group Filing (Check Applicable ine)  X Form filed by One Reporting Person  Form filed by More than One Reporting Person |   |  |   |  |   |
| Table I - Non-Deriva  1. Title of Security (Instr. 3)  2. Transac Date (Month/Date) |   |  |   |      | ction 2A. Deemed Execution Da                               |   |     | 3.<br>Transacti<br>Code (Ins                 | 4. Secur       |              | of, or Be<br>ties Acquire<br>d Of (D) (Ins | ed (A) or            | or 5. Amour<br>and Securitie<br>Beneficia<br>Owned F   |   | nt of<br>s<br>ally<br>following  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | : Direct<br>Indirect I<br>str. 4)  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |
|   |   |  |   |      |   |   |     | Code V                                       | Am             | ount         | (A) or (D) Price                           |                      | т  | Reported<br>Transaction(s)<br>Instr. 3 and 4)   |  |   |  | Instr. 4)   |
|   |   | -  | Fable II - Der<br>(e.g                                    |      |   |   |     | uired, Dis<br>, options,                     |                |              |  |                      | y Ow   | ned   |  |   |  |   |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                                 | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Yea | Code |   | n of  |     | 6. Date Exerc<br>Expiration D<br>(Month/Day/ | ate            | of Securitie |  | ies<br>g<br>Security | Der<br>Sec   | Price of<br>rivative<br>curity<br>str. 5)   | 9. Numbe<br>derivative<br>Securities<br>Beneficia<br>Owned<br>Following<br>Reported<br>Transacti<br>(Instr. 4) | e<br>s<br>Illy  | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4)               |
|   |   |  |   | Code | v   | (A)   | (D) | Date<br>Exercisable                          | Expira<br>Date | tion         | Amoun or Number of Shares                  |                      | 1  |   |  |   |  |   |
| Employee<br>Stock<br>Option<br>(Right to  | \$17.34   | 04/29/2008                                 |   | A    |   | 75,000  |     | (1)  | 04/28/2        | 2018         | Common<br>Stock                            | 75,000               | \$:  | 17.34   | 75,00  | 0   | D  |   |

## **Explanation of Responses:**

1. The option vests and is exercisable in 3 equal annual installments beginning April 29, 2011.

## Remarks:

/s/ Henry P. Doggrell, by Power 05/01/2008 of Attorney

\*\* Signature of Reporting Person

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.