FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPRO              | DVAL      |  |  |  |  |
|------------------------|-----------|--|--|--|--|
| OMB Number:            | 3235-0287 |  |  |  |  |
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| hours per response:    | 0.5       |  |  |  |  |

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*  GLASS J KENNETH  |                                 |      |                                  |         |                 | 2. Issuer Name <b>and</b> Ticker or Trading Symbol GTX INC /DE/ [ GTXI ] |        |  |                  |     |   |          |                                |  | elationshi<br>eck all app   | plicable)   | g Person(s) to Is  |               |  |
|--|---------------------------------|------|----------------------------------|---------|-----------------|--|--------|--|------------------|-----|---|----------|--------------------------------|--|---|---|--|---------------|--|
| (Last) (First) (Middle) 3 N. DUNLAP STREET   |                                 |      |                                  |         |                 | 3. Date of Earliest Transaction (Month/Day/Year) 07/01/2006              |        |  |                  |     |   |          |                                |  | Offic<br>belo   | er (give title<br>w)  | Other<br>below   | (specify<br>) |  |
| 3RD FLOOR  |                                 |      |                                  |         |                 | 4. If Amendment, Date of Original Filed (Month/Day/Year)                 |        |  |                  |     |   |          |                                |  | 6. Individual or Joint/Group Filing (Check Applicable Line)                     |   |  |               |  |
| (Street) MEMPHIS TN 38163  |                                 |      |                                  |         |                 |  |        |  |                  |     |   |          |                                | X Forn   | Form filed by One Reporting Person Form filed by More than One Reporting Person |   |  |               |  |
| (City) (State) (Zip)   |                                 |      |                                  |         |                 |  |        |  |                  |     |   |          |                                |  |   |   |  |               |  |
|  |                                 | Tabl | e I - Non                        | -Deriva | ative           | Sec  | uritie | s Acc  | quired,          | Dis | posed o   | f, or    | Bene                           | ficial   | y Own   | ed  |  |               |  |
| 1. Title of Security (Instr. 3)  2. Transac Date (Month/Date)  |                                 |      |                                  |         | Execution Date, |  |        | 3. 4. Securi<br>Transaction Disposed<br>Code (Instr. 5)        |                  |     |   |          |                                | Secur<br>Benef                                   | icially<br>d Following  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership                |               |  |
|  |                                 |      |                                  |         |                 |  |        |  | Code             | v   | Amount  | (A<br>(E | A) or<br>D)                    | Price  | Transa  | action(s)<br>3 and 4)   |  | (Instr. 4)    |  |
| Common Stock 07/01/2   |                                 |      |                                  |         |                 |  | /2006  |  |                  |     | 549.4   | 5 A \$   |                                | \$9.1  | 16  | ,522.86   | D  |               |  |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |                                 |      |                                  |         |                 |  |        |  |                  |     |   |          |                                |  |   |   |  |               |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | ve Conversion Date Execution Da |      | Date, Transaction<br>Code (Instr |         |                 |  |        | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                  |     | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>and 4) |          | tr. 3                          | . Price of<br>perivative<br>security<br>nstr. 5) | e derivative  | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |               |  |
|  |                                 |      |                                  | Code    |                 | v  | (A)    | (D)  | Date<br>Exercisa |     | Expiration<br>Date  | Title    | Amo<br>or<br>Num<br>of<br>Shar | ber  |   |   |  |               |  |

**Explanation of Responses:** 

Remarks:

/s/ Henry P. Doggrell, by Power of Attorney

07/05/2006

\*\* 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.