FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

wasning	gton, ı	J.C. 1	20549

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

MENT 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

		Reporting Person*							er or Tra		Symbol					p of Reportini olicable)	g Person(s) to I	ssuer
STEINI	ER MITC	CHELL SHUS	STER			<u> </u>		<u> </u>	GIAI	1				X	Direc	-	X 10% (Owner
(Last) 175 TOY 7TH FLO	(Fi OTA PLAZ	· ·	Middle)			ate of E 2/201		Trans	action (N	/lonth	/Day/Year)			X	belov	,	Other below utive Officer	(specify)
					4. If A	Amend	lment, [Date o	f Origina	l File	d (Month/Da	y/Year)			/idual o	r Joint/Group	Filing (Check A	pplicable
(Street) MEMPH	IS T	N 3	88103											Line)		n filed by Mor	Reporting Perse e than One Rep	
(City)	(St	ate) (Zip)												1 013	011		
		Tabl	e I - No	n-Deriva	ative	Secu	ırities	Acc	quired	, Dis	sposed of	f, or B	enefi	cially	Owne	ed		
1. Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year		Execution Date,		3. Transaction Code (Instr. 8)		4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4		or and 5)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership					
									Code	v	Amount	(A) or (D)	Pri	ce		ted action(s) 3 and 4)		(Instr. 4)
Common	Stock			07/12/2	2012				S		38,563	D	\$	3.7(1)	1,9	954,423	I	By Wife
Common	Stock			07/13/2	2012				S		61,437	D	\$3	.759 ⁽²⁾	1,8	392,986	I	By Wife
Common	Stock			07/16/2	2012				S		25,035	D	\$3	.666 ⁽³⁾	1,8	367,951	I	By Wife
Common	Stock														2,3	129,922	D	
Common	Stock															5,100	I	By Joint Account
Common	Stock														1	34,210	I	By 2010 Trust
Common	Stock														1	34,721	I	By Trust
Common	Stock														1	33,981	I	By Trust
Common	Stock														1	33,741	I	By Trust
Common	Stock														1	33,741	I	By Trust
		Та									osed of, o				wned			
1. Title of Derivative Security (Instr. 3) 2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) (Month/Day/Year) 3. Transaction Date (Month/Day/Year) (Month/Day/Year)		on Date,	4. Transaction Code (Instr. 8)		n of		6. Date Exercis Expiration Dat (Month/Day/Ye		te	7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)		Deriv Secu (Insti	vative (irity (r. 5) (9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
					Code	v	(A)	(D)	Date Exercisa	able	Expiration Date		Amour or Number of Shares	er				

Explanation of Responses:

- 1. An aggregate of 38,563 shares of common stock were sold in multiple trades on July 12, 2012 at prices ranging from \$3.70 to \$3.71. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide upon request to the SEC staff, GTx, Inc. or a shareholder of GTx, Inc. full information regarding the number of shares and prices at which the transaction was effected.
- 2. An aggregate of 61,437 shares of common stock were sold in multiple trades on July 13, 2012 at prices ranging from \$3.70 to \$3.90. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide upon request to the SEC staff, GTx, Inc. or a shareholder of GTx, Inc. full information regarding the number of shares and prices at which the transaction was
- 3. An aggregate of 25,035 shares of common stock were sold in multiple trades on July 16, 2012 at prices ranging from \$3.65 to \$3.72. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide upon request to the SEC staff, GTx, Inc. or a shareholder of GTx, Inc. full information regarding the number of shares and prices at which the transaction was effected.

Remarks:

/s/ Mark E. Mosteller, by Power of Attorney

07/16/2012

** 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.