FORM 4

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 30(h) of the Investment Company Act of 1940

OMB .	APPROVAL	
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(Print or Type Respon	nses)												
1. Name and Address GERSHELL LEL	2. Issuer Name and Ticker or Trading Symbol Tonix Pharmaceuticals Holding Corp. [TNXP]					rp.	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% OwnerX Officer (give title Other (specify below)						
(Last) (F C/O TONIX PHA HOLDING CORP AVE., STE 306		3. Date of Earliest Transaction (Month/Day/Year) 05/23/2013						CFO and Treasurer					
NEW YORK, NY		4. If Amendment, Date Original Filed(Month/Day/Year)						6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting PersonForm filed by More than One Reporting Person					
(City) (S	State) (Zip)		Table I - Non-Derivative Securities Acqu						ired, Disposed of, or Beneficially Owned				
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Exec	Deemed 3. Cution Date, if Transactic Code (Instr. 8) Code)	4. Securi Acquired Disposed (Instr. 3,	d (A) or ed of (D) , 4 and 5) (A) or		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership		
Common Stock, \$0.001 par value	05/23/2013			P		50	A	\$ 7.49	5,150	D			
Common Stock, \$0.001 par value	05/24/2013				150	A	\$ 7.49	5,300	D				
Reminder: Report on directly or indirectly.	a separate line for ea	ıch cla	ass of securities	s benefic	ially	owned							
					info rec	ormation quired to	n cor res	itaine pond	d to the collection of the din this form are numbers the form discontrol number.	ot	SEC 1474 (9-02)		

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	Transaction	3A. Deemed	4.	5	i.		Date Exer	cisable	7. Tit	le and	8. Price of	9. Number of	10.	11. Nature
Derivative	Conversion	Date	Execution Date, if	Transactio	on N	Numbe	er	and Expiration	on Date	Amo	unt of	Derivative	Derivative	Ownership	of Indirect
Security	or Exercise	(Month/Day/Year)	any	Code	О	of		(Month/Day	/Year)	Unde	rlying	Security	Securities	Form of	Beneficial
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Ι	Deriva	tive			Secu	rities	(Instr. 5)	Beneficially	Derivative	Ownership
	Derivative				S	Securit	ies			(Instr	. 3 and		Owned	Security:	(Instr. 4)
	Security				A	Acquir	ed			4)			Following	Direct (D)	
					(.	A) or							Reported	or Indirect	
					Ι	Dispos	ed						Transaction(s)	(I)	
					О	of (D)							(Instr. 4)	(Instr. 4)	
					(.	Instr. :	3,								
					4	, and	5)								
											Amount				
								_							
								Date	Expiration Date	Title	Number				
								Exercisable	Date		of				
				Code V	7 6	(A) (D)				Charee				

Reporting Owners

Reporting Owner Name / Address		Relationships						
Reporting Owner Name / Address	Dire	ector	10% Owner	Officer	Other			
GERSHELL LELAND C/O TONIX PHARMACEUTICALS HOLDING C 509 MADISON AVE., STE 306 NEW YORK, NY 10022	CORP			CFO and Treasurer				

Signatures

/s/ Laland Canaball 05/29/2012		
78/ Lefand Gersheif 03/28/2013	/s/ Leland Gershell	05/28/2013

Signature of Reporting Person	Date
-Signature of Reporting Person	

Explanation of Responses:

- * If the form is filed by more than one reporting person, \emph{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.

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.