SEC Form 4	
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# 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

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

OMB APPROVAL								
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		n*	2. Issuer Name <b>and</b> Ticker or Trading Symbol <u>TARGACEPT INC</u> [ TRGT ]		tionship of Reporting Perso all applicable) Director Officer (give title	10% Owner Other (specify
		. ,	3. Date of Earliest Transaction (Month/Day/Year) 08/13/2008		below) VP, CFO & Trea	below) surer
(Street) WINSTON- SALEM	NC	27101	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	idual or Joint/Group Filing ( Form filed by One Report Form filed by More than ( Person	ting Person
(City)	(State)	(Zip)				

## 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. Transa Code ( 8)					5. Amount of Securities Beneficially Owned Following Reported	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	Transaction(s) (Instr. 3 and 4)		(1150.4)	
Common Stock	08/13/2008		М		5,500	A	\$1.75	8,299	D		
Common Stock	08/13/2008		S		5,500	D	\$10	2,799	D		
Common Stock	08/13/2008		М		2,277	A	\$1.75	5,076	D		
Common Stock	08/13/2008		S		2,277	D	\$10	2,799	D		
Common Stock	08/14/2008		М		1,623	A	\$1.75	4,422	D		
Common Stock	08/14/2008		S		1,623	D	\$10	2,799	D		

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. Transa Code ( 8)		of Deri Sec Acq (A) o Disp of (I	oosed D) tr. 3, 4	6. Date Exerc Expiration D (Month/Day/)	ate	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 (Right to Buy)	\$1.75	08/13/2008		М			5,500	(1)	02/24/2012	Common Stock	5,500	\$0	13,701 <sup>(2)</sup>	D	
Stock Option (Right to Buy)	\$1.75	08/13/2008		М			2,277	(1)	01/30/2013	Common Stock	2,277	\$0	14,388 <sup>(3)</sup>	D	
Stock Option (Right to Buy)	\$1.75	08/14/2008		М			1,623	(1)	01/30/2013	Common Stock	1,623	\$0	12,765 <sup>(4)</sup>	D	

#### Explanation of Responses:

1. This option is vested in full currently.

2. The exercise price for the shares remaining subject to the option is \$5.10 per share.

3. The exercise price for 11,197 of the shares remaining subject to the option is \$5.10 per share and the exercise price for 3,191 of the shares remaining subject to the option is \$1.75.

4. The exercise price for 11,197 of the shares remaining subject to the option is \$5.10 per share and the exercise price for 1,568 of the shares remaining subject to the option is \$1.75.

### **Remarks:**

The shares covered by this Form 4 have been sold pursuant to a Rule 10b5-1 Sales Plan dated March 14, 2008, which is intended to comply with Rule 10b5-1(c) promulgated under the Securities Exchange Act of 1934, as amended.

<u>/s/ Peter A. Zorn, Attorney-in-</u> <u>Fact for Alan A. Musso</u> 08/15/2008

\*\* Signature of Reporting Person Date

\*\* Signature of Repo

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.

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