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Expires 06/30/99 OMB 0651-0027		Patent and Trademark Office PATENT	
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Name (line 1) Targacept, Inc.		If document to be recorded is an assignment and the	
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Address (line 1) P. O. Box 1487		of a domestic representative is attached.	
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Address (line 3) Winston-Salem		02-1487	
Domestic Representative Name and A	ddress Enter for the first Receiving	Zip Code	
Name Borschke, August J.			
Address (line 1)			
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Address (line 3) P. O. Box 1487		······	
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D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Weshington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patert and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS. Mail documents to be recorded with required cover sheet(s) information to:			
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Correspondent Name and Address	S Area Code and Telephone Numb	er (336) 741-5491	
Name August J. Borschke, 1	Esq.		
Address (line 1)			
Address (line 2)			
Address (line 3) P. O. Box 1487			
Address(line 4) Winston-Salem, NC 2	7102-1487		
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Patent Application Number(s)		atent Number(s)	
If this document is being filed together with a <u>rew</u> signed by the first named executing inventor.	Patent Application, enter the date the patent app	Dication was Month Day Year	
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Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00			
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.			
August J. Borschke	X Kowh	G February 10, 2000	
Name of Person Signing	Signature	Date	

PATENT REEL: 010645 FRAME: 0501

PATENT

ASSIGNMENT

WHEREAS, the UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, a

corporation of the State of **KENTUCKY** having its principal place of business at **Lexington** in the County of **Fayette** and State of **Kentucky**, is the assignee of United States Patent Application Serial No. **09/210,113**; filed **December 11, 1998**; having all rights, title and interest to said invention and patent application by Assignment recorded in the United States Patent Office on **July 30, 1999** on **Reel 010245** and **Frame 0459**.

NOW, THEREFORE, to all whom it may concern, be it known that the UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, hereby sells, assigns and transfers for good and valuable consideration the receipt of which is hereby acknowledged to TARGACEPT, INC. a corporation of the State of DELAWARE having a place of business at WINSTON-SALEM in the County of FORSYTH and State of NORTH CAROLINA its successors, assigns and legal representatives, its entire right, title and interest for all countries, in and to the invention disclosed and claimed, and as possessed by the undersigned, any invention which is disclosed but not claimed, in United States Patent Application Serial No. 09/210,113 filed December 11, 1998; and entitled PHARMACEUTICAL COMPOSITIONS AND METHODS FOR USE and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents and Trademarks to issue to the Assignees, the corporations above named, their successors, assigns and legal representatives, in accordance with this agreement, any and all United States Letters Patent on said inventions disclosed in said application;

Agree that said Assignees may apply for and receive foreign Letters Patent for said inventions; and may claim, in applications for said foreign Letters Patent, the priority of the aforesaid United States application under the provisions of the International Convention; and that, when requested, without charge to but at the expense of said Assignees, their successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignees, their successors, assigns, and representatives, all facts known

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to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignees, their successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignees, their successors, assigns and legal representatives; and

COVENANT with said Assignees, their successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN WITNESS WHEREOF, the UNIVERSITY OF KENTUCKY RESEARCH

FOUNDATION has caused its corporate name to be hereunto subscribed by an officer of the corporation, and its seal to be hereunto affixed this 2nd day of February _____, 2000.

UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION

Name Joseph L. Fink, III

Title: Special Assistant to Executive Director

STATE OF KENTUCKY)COUNTY OFSCOTT)SS.

STATE-AT-LARGE Notary Public

My Commission Expires April 10, 2000

RECORDED: 02/15/2000