

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Louise EDWARDS	03/08/2005
Methvin ISAAC	03/08/2005
Martin JOHANSSON	03/31/2005
Annika KERS	03/31/2005
Johan MALMBERG	03/30/2005
Donald MCLEOD	03/10/2005
Alexander MINIDIS	03/30/2005
Karin STAAF	03/30/2005
Abdelmalik SLASSI	03/14/2005
Tomislav STEFANAC	03/14/2005
Thomas STORMANN	03/15/2005
David WENSBO	04/02/2005
Toa XIN	03/08/2005
Jalaj ARORA	03/08/2005

RECEIVING PARTY DATA

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Internal Address:	Global Intellectual Property
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State/Country:	SWEDEN
Postal Code:	SE-151 85

Name:	NPS Pharmaceuticals, Inc.
Street Address:	383 Colorow Drive
City:	Salt Lake City
State/Country:	UTAH
Postal Code:	84108

PROPERTY NUMBERS Total: 1

PATENT

500336328

REEL: 019707 FRAME: 0011

CH \$40.00 11053752

Property Type	Number
Application Number:	11053752

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ATTORNEY DOCKET NUMBER:	5998-0507PUS3
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NAME OF SUBMITTER:	Susan W. Gorman
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Total Attachments: 6

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Atty. Dkt. No. 085747-0320

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

AstraZeneca AB
SE-151 85 Södertälje
Sweden

AND

NPS Pharmaceuticals, Inc.
383 Colorow Drive
Salt Lake City, Utah 84108
United States of America

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

**ADDITIONAL HETEROPOLYCYCLIC COMPOUNDS AND THEIR USE AS
METABOTROPIC GLUTAMATE RECEPTOR ANTAGONISTS**

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith,
 ☐ executed on _____
 ☒ Serial No. 60/608,960 Filed 02/18/2004

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

Atty. Dkt. No. 085747-0320

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Atty. Dkt. No. 085747-0320

NAMES AND SIGNATURE OF ASSIGNEES		
AstraZeneca AB	By: <i>[Signature]</i> Name: BO HASSLEV Title: Director IP Finance & Info	Date: 6 April 2005

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Name: <i>Teresa A. Beck</i>	Signature: <i>Teresa A. Beck</i>	Date: March 14, 2005
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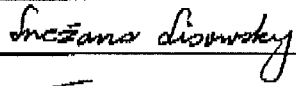
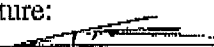
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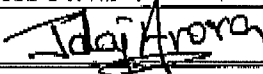
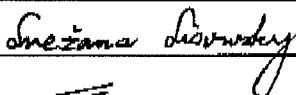

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Name: Teresa A. Beck	Signature: 	Date: March 8, 2005