07-15-2003

FORM PTO-1595 RECC U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 7-11-00 Attorney Ref. No. 00-577-A To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies) Name of conveying parties: Name: Neurogen Corporation Pamela Albaugh Guolin Cai Internal Address: Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Nature of conveyance: □ Merger ■ Assignment Street Address: 35 Northeast Industrial Road City: Branford State: Connecticut Zip: 06405 ☐ Change of Name ☐ Security Agreement □Other: Execution Date: 10/3/02 Additional name(s) & address(es) attached? ☐ Yes ☒ No Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 6,559,163 B2, Patented May 6, 2003 Additional numbers attached? ☐ Yes ☑No Name and address of party to whom correspondence concerning Total number of applications and patents involved: 1 document should be mailed: Name: Steven J. Sarussi Total Fee (37 CFR 3.41)....\$40.00 Company Name: McDonnell, Boehnen, Hulbert & Berghoff ☐ Authorized to be charged to deposit account Deposit account number: 13-2490 Street Address: 300 South Wacker Drive, Suite 3200 ZIP: 60606 City: Chicago State: IL DO NOT USE THIS SPACE Statement and signature. and correct and any attached copy is a true copy of the original To the best of my knowledge and belief, the foregoing inf Date: July 8, 2003 Steven J. Sarussi onature Printed Name of Person Signing Total number of pages including cover sheet, attachments, and document: 6 00000057 6559163 07/14/2003 DBYRNE 01 FC:8021 Mail documents to be recorded with required cover sheet information to: **Mail Stop Assignments** Director of the US Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22323-1450

## **ASSIGNMENT**

WHEREAS, I, Guolin Cai of Thousand Oaks, California (hereinafter referred to as "Assignor") have invented certain new and useful inventions relating to

## 2,4-Substituted Pyridine Derivatives

described in an application for Letters Patent of the United States having the following title, serial number and filing date:

Title: 2,4-Substituted Pyridine Derivatives

Serial Number: 09/931,549

App. Type: Utility

Filing Date: August 16, 2001

and;

WHEREAS, Neurogen Corporation, a Delaware corporation having a location at 35 Northeast Industrial Road, Branford, Connecticut 06405 (hereinafter referred to as the "Assignee"), is desirous of confirming the acquiring of the entire right, title and interest in and to the same inventions, and in and to the said application, and any Letters Patent that may issue thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for value received, each Assignor has assigned and transferred, and does hereby assign and transfer to the Assignee, its successors, assigns, and legal representatives, or to such nominees as it may designate, his or her entire right, title and interest for the United States in and to the said inventions and in and to the said application and any and all patents which may be granted therefor, including all divisions, reissues, substitutions, continuations, in whole or in part, reexaminations, and extensions thereof, and all applications claiming priority therefrom; and each Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said inventions, or patents resulting therefrom, insofar as his or her interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue, to the same extent as Assignor would hold and enjoy if no Assignment had been made.

Each Assignor also has assigned and transferred, and does hereby assign and transfer to the Assignee, its successors and assigns, his or her entire right, title and interest in and to the inventions disclosed in said application, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said invention in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and

all of said Letters Patent for said invention may issue, to the same extent as we would hold and enjoy if this Assignment had not been made.

Each Assignor agrees that, when requested, he or she will, without charge to said Assignee but at its expense, execute any and all patent applications, assignments, affidavits and any other papers in connection therewith take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees and also agrees, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

Each Assignor authorizes and empowers the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by him, her, it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention substituted for it, and to invoke and claim such right of priority without further written or oral authorization from him or her.

Each Assignor hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention substituted for it.

Each Assignor covenants with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that he or she has full right to convey the same as herein expressed.

Each Assignor also hereby grants the Assignee's attorneys the power to insert on this Assignment any serial numbers or other further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Assignment Attorney Docket No. 00,577-A Page 3 of 3

Dated this 3rd day of Oct., 2002

Before me this 3rd day of Oct., 2002, personally appeared Guolin Cai, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Out., 2002

Guolin Cai

With the free act and deed.

## **ASSIGNMENT**

WHEREAS, I, Pamela Albaugh of Carmel, Indiana (hereinafter referred to as "Assignor") have invented certain new and useful inventions relating to

## 2,4-Substituted Pyridine Derivatives

described in an application for Letters Patent of the United States having the following title, serial number and filing date:

Title: 2,4-Substituted Pyridine Derivatives

Serial Number: 09/931,549

App. Type: <u>Utility</u>

Filing Date: August 16, 2001

and;

WHEREAS, Neurogen Corporation, a Delaware corporation having a location at 35 Northeast Industrial Road, Branford, Connecticut 06405 (hereinafter referred to as the "Assignee"), is desirous of confirming the acquiring of the entire right, title and interest in and to the same inventions, and in and to the said application, and any Letters Patent that may issue thereon:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for value received, each Assignor has assigned and transferred, and does hereby assign and transfer to the Assignee, its successors, assigns, and legal representatives, or to such nominees as it may designate, his or her entire right, title and interest for the United States in and to the said inventions and in and to the said application and any and all patents which may be granted therefor, including all divisions, reissues, substitutions, continuations, in whole or in part, reexaminations, and extensions thereof, and all applications claiming priority therefrom; and each Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said inventions, or patents resulting therefrom, insofar as his or her interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue, to the same extent as Assignor would hold and enjoy if no Assignment had been made.

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all of said Letters Patent for said invention may issue, to the same extent as we would hold and enjoy if this Assignment had not been made.

Each Assignor agrees that, when requested, he or she will, without charge to said Assignee but at its expense, execute any and all patent applications, assignments, affidavits and any other papers in connection therewith take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees and also agrees, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

Each Assignor authorizes and empowers the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by him, her, it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention substituted for it, and to invoke and claim such right of priority without further written or oral authorization from him or her.

Each Assignor hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention substituted for it.

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Assignment Attorney Docket No. 00,577-A Page 3 of 3

Dated this 3 day of October, 2002

Before me this 3 day of October, 2002, personally appeared Pamela Albaugh, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his/her free act and deed.

**RECORDED: 07/11/2003**