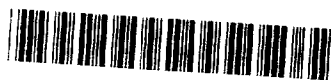
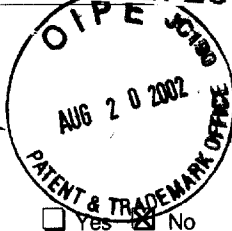


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To the Honorable Commissioner

R SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

LY

Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jianhua Huang
 Kevin HODGETTS
 Dario DOLLER
 Ping GE
 Yasuchika YAMAGUCHI

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Neurogen CorporationAddress: 35 Northeast Industrial Road

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherCity: BransfordState/Prov.: CTCountry: USAZIP: 0405Execution Date: July 24, 2002; August 5, 2002; August 6, 2002

Additional name(s) & address(es)

☐ Yes☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

10/154,482

May 22, 2002

08/22/2002 CCHAU1 00000136 10154482

04 FC:581

40.00 DP

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John B. Alexander, Ph.D.Registration No. 48,399Address: Edwards & Angell, LLP

P.O. Box 9169

City: BostonState/Prov.: MACountry: USAZIP: 02209

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

04-1105

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

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.

John B. Alexander, Ph.D.

Name of Person Signing

Signature

August 20, 2002

Date

5

Total number of pages including cover sheet, attachments, and

PATENT

REEL: 13213 FRAME: 0486

ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS, THAT

WHEREAS, We, Jianhua Huang, Kevin Hodgetts, Dario Doller, Ping GE and Yasuchika Yamaguchi (hereinafter designated as the undersigned), having invented certain new and useful improvements in 2,5- DIARYLPYRAZINES, 2,5-DIARYLPYRIDINES AND 2,5-DIARYLPYRIMIDINES for which U.S. application has been filed on May 22, 2002 and received application number 10/154,482 and

WHEREAS, Neurogen Corporation, 35 Northeast Industrial Road, Branford, CT, 06405, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned also have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, their entire right, title and interest in and to the invention 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, 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 the undersigned would hold and enjoy if this Assignment had not been made.

The undersigned agree(s) to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings including interferences, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid the Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for the invention in all countries.

The undersigned also agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of

EDWARDS & ANGELL, LLP

Dike, Bronstein, Roberts & Cushman

Intellectual Property Practice Group


P. O. Box 9169

Boston, MA 02209


Tel. No. (617) 439-4444

the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness whereof, signed by the undersigned on the date(s) opposite the undersigned name(s).


Jianhua Huang

Before me this 24th day of July, 2002, personally appeared Jianhua Huang, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his free act and deed.


Witness

KS Hodgetts

Signature of Inventor
Kevin Hodgetts

8-5-02

Date

Before me this 5th day of August, 2002 personally appeared Kevin Hodgetts, to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that she/he executed the same of her/his own free will for the purpose therein set forth.

Darlene Suarez

Name: Darlene Suarez

My commission expires: 5/31/06

Dario Doller

Signature of Inventor
Dario Doller

6th August 2002

Date

Before me this 6th day of August, 2002, personally appeared Daria Doller, to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that she/he executed the same of her/his own free will for the purpose therein set forth.

Darlene Suarez

Name: Darlene Suarez

My commission expires: 5/31/06

Ping Ge

Signature of Inventor
Ping Ge

Date 8/6/02

Before me this 6th day of August, 2002, personally appeared Ping Ge, to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that she/he executed the same of her/his own free will for the purpose therein set forth.

Darlene Suarez

Name: Darlene Suarez

My commission expires: 5/31/06

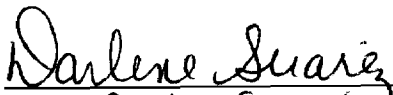


Signature of Inventor
Yasuchika Yamaguchi

6th of Aug 2002

Date

Before me this 6th day of August, 2002, personally appeared Yasuchika Yamaguchi, to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that she/he executed the same of her/his own free will for the purpose therein set forth.



Name: Darlene Suarez

My commission expires: 5/31/06

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