

12-15-2000

FORM PTO-1595  
(Rev. 6-93)

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

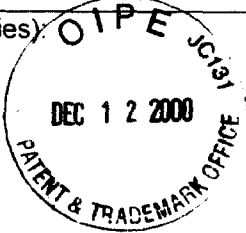
101553579

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name(s) of conveying party(ies):

1) MUSTAPHA HADDACH  
2) BRIAN P. DYCK  
3) CHARLES Q. HUANG  
4) JODIE NELSON  
5) ZHIQIANG GUO  
6) JAMES R. MCCARTHY

Additional names of conveying parties attached?  Yes  No



2. Name and address of receiving party:

Name: NEUROCRINE BIOSCIENCES, INC.

Internal Address: \_\_\_\_\_

Street Address: 10555 SCIENCE CENTER DRIVE

City: SAN DIEGO State CA

Zip: 92121

Additional names & addresses attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Dates:

1) NOVEMBER 2, 2000 4) NOVEMBER 2, 2000  
2) NOVEMBER 2, 2000 5) NOVEMBER 2, 2000  
3) NOVEMBER 2, 2000 6) NOVEMBER 16, 2000

4. Application number(s) or registration number(s):

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

A. Patent Application No(s).  
09/574,751

B. Patent No(s). \_\_\_\_\_

Additional numbers attached?  Yes  No

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

Name: Seed Intellectual Property Law Group PLLC

Internal Address: KARL R. HERMANN'S

Street Address: 701 Fifth Avenue, Suite 6300

City: Seattle State: WA ZIP: 98104-7092

6. Total number of applications and patents involved..... 1


7. Total Fee (37 CFR 3.41): ..... \$40

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
19-1090

DO NOT USE THIS SPACE

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.*

KARL R. HERMANN'S  12/8/00  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 6

40:00 OP  
12/14/2000 5:00:06 0000068 09574751  
01 FC:501

## ASSIGNMENT

WHEREAS, we, Mustapha Haddach, Brian P. Dyck, Charles Q. Huang, Jodie Nelson, Zhiqiang Guo and James R. McCarthy (hereinafter referred to as ASSIGNORS), having post office addresses of 3545 Arnold Avenue, San Diego, California 92104, 5215 Fiore Terrace #A317, San Diego, California 92122, 12341 Goldfish Court, San Diego, California 92129, 8889 Caminito Centro #7407, San Diego, California 92122, 11036 Caminito Alvarez, San Diego, California 92126, and 4037 Oakleaf Drive, Zionsville, Indiana 46077, respectively, are the joint inventors of an invention entitled "CRF RECEPTOR ANTAGONISTS AND METHODS RELATING THERETO," as described and claimed in the specification forming part of a continuation-in-part application for United States letters patent which was filed on May 18, 2000 and assigned Application No. 09/574,751; this application is a continuation-in-part of U.S. Application No. 09/439,840, filed November 12, 1999, which application is pending; which is a continuation-in-part of U.S. Application No. 09/401,364, filed September 21, 1999, which is a continuation-in-part of U.S. Application No. 09/370,837, filed August 9, 1999, which is a continuation-in-part of U.S. Application No. 09/191,073, filed November 12, 1998.

WHEREAS, Neurocrine Biosciences, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of California having a place of business at 10555 Science Center Drive, San Diego, California 92121, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

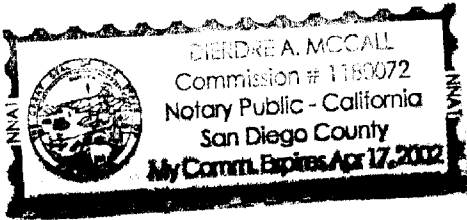
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on

said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

11-2-00  
Date \_\_\_\_\_  
Mustapha Haddach  
State of California )  
County of San Diego ) ss.

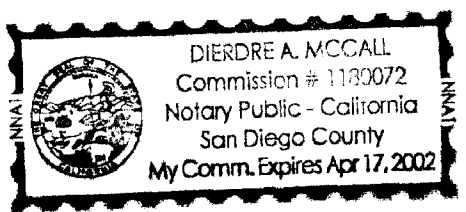
I certify that I know or have satisfactory evidence that Mustapha Haddach is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 11/2/00  
Signature of \_\_\_\_\_  
Notary Public Dierdre A McCall  
Printed Name Dierdre A McCall  
My appointment expires 4-17-02



11/2/00  
Date Brian P. Dyck  
State of California  
County of San Diego ) ss.

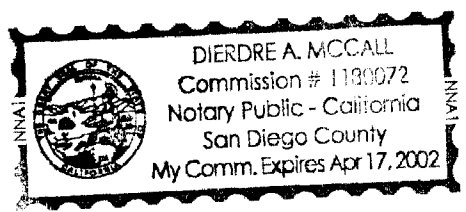
I certify that I know or have satisfactory evidence that Brian P. Dyck is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated 11/2/00  
Signature of Dierdre A. McCall  
Notary Public  
Printed Name Dierdre A. McCall  
My appointment expires 4-17-02

11/2/2000  
Date Charles Q. Huang  
State of California  
County of San Diego ) ss.

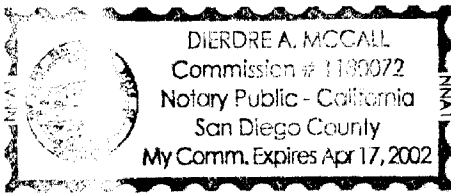
I certify that I know or have satisfactory evidence that Charles Q. Huang is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated 11/2/00  
Signature of Dierdre A. McCall  
Notary Public  
Printed Name Dierdre A. McCall  
My appointment expires 4-17-02

Date 11/2/00 Jodie Nelson  
Jodie Nelson  
State of California  
County of San Diego )  
SS.

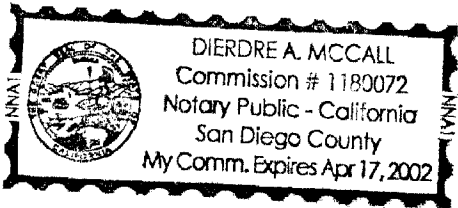
I certify that I know or have satisfactory evidence that Jodie Nelson is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.



Dated 11/2/00  
Signature of Dierdre A. McCall  
Notary Public  
Printed Name Dierdre A. McCall  
My appointment expires 4-17-02

Date 11/02/00 Zhiqiang Guo  
Zhiqiang Guo  
State of California  
County of San Diego )  
SS.

I certify that I know or have satisfactory evidence that Zhiqiang Guo is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated 11/2/00  
Signature of Dierdre A. McCall  
Notary Public  
Printed Name Dierdre A. McCall  
My appointment expires 4-17-02

November 16, 2000  
Date

James R. McCarthy  
James R. McCarthy

State of Indiana)

County of Boone MARION)

ss.

I certify that I know or have satisfactory evidence that James R. McCarthy is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated NOVEMBER 16, 2000

Signature of Notary Public Teresa Lynn Wilkison

Printed Name TERESA LYNN WILKISON

My appointment expires OCTOBER 14, 2007

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