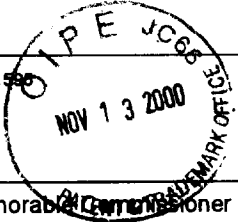


MRD 11/13/00

11-20-2000

FORM PTO-1590
(Rev. 6-93)



RECORDA

PA



101521976

S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

<p>1. Name(s) of conveying party(ies):</p> <p>1) YUN-FEI ZHU 2) KEITH M. WILCOXEN 3) R. SCOTT STRUTHERS 4) CHEN CHEN 5) PATRICK J. CONNORS, JR. 6) YINGHONG GAO</p> <p>Additional names of conveying parties attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and address of receiving party:</p> <p>Name: <u>NEUROCRINE BIOSCIENCES, INC.</u></p> <p>Internal Address: _____</p> <p>_____</p> <p>Street Address: <u>10555 SCIENCE CENTER DRIVE</u></p> <p>_____</p> <p>City: <u>SAN DIEGO</u> State <u>CA</u></p> <p>Zip: <u>92121</u></p> <p>Additional names & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Dates:</p> <p>1) <u>NOVEMBER 2, 2000</u> 4) <u>NOVEMBER 2, 2000</u></p> <p>2) <u>NOVEMBER 2, 2000</u> 5) <u>NOVEMBER 2, 2000</u></p> <p>3) <u>NOVEMBER 2, 2000</u> 6) <u>NOVEMBER 2, 2000</u></p>	

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 _____.

<p>A. Patent Application No(s). <u>09/570,239</u></p>	<p>B. Patent No(s).</p>
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Seed Intellectual Property Law Group PLLC</u></p> <p>Internal Address: <u>KARL R. HERMANN'S</u></p> <p>_____</p> <p>Street Address: <u>701 Fifth Avenue, Suite 6300</u></p> <p>City: <u>Seattle</u> State: <u>WA</u> ZIP: <u>98104-7092</u></p>	<p>6. Total number of applications and patents involved..... <u>1</u></p> <p>7. Total Fee (37 CFR 3.41): <u>\$40</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number:</p> <p><u>19-1090</u></p>
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11/15/2000 MKDRDHA 00000049 09570239
06 FC:581 40.00 0P

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 [Signature] 11/7/00

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 7

**CONTINUATION OF
RECORDATION FORM COVER SHEET
PATENTS ONLY**

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

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

7) FABIO C. TUCCI

Additional names of conveying parties attached? Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Dates:

7) NOVEMBER 2, 2000

ASSIGNMENT

WHEREAS, we, Yun-Fei Zhu, Keith M. Wilcoxon, R. Scott Struthers, Chen Chen, Patrick J. Connors, Jr., Yinghong Gao and Fabio C. Tucci (hereinafter referred to as ASSIGNORS), having post office addresses of 7306 Park Village Road, San Diego, California 92129, 2015 31st Street, San Diego, California 92104, 1161 Avenida Esteban, Encinitas, California 92024, 13922 Sparren Avenue, San Diego, California 92129, 4021 Illinois Street, San Diego, California 92104, 7856 Camino Tranquilo, San Diego, California 92122, and 4055 Falcon St #101, San Diego, CA 92103, respectively, are the joint inventors of an invention entitled "GONADOTROPIN-RELEASING HORMONE 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 12, 2000 and assigned Application No. 09/570,239; this application is a continuation-in-part of co-pending Application Nos. 09/405,286, filed in the United States Patent and Trademark Office on September 23, 1999, 09/363,254, filed in the United States Patent and Trademark Office on July 28, 1999 and 09/310,878, filed in the United States Patent and Trademark Office on May 14, 1999.

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.

11/02/2000

Date

[Handwritten Signature]

Yun-Fei Zhu

State of California)

County of San Diego)

ss.

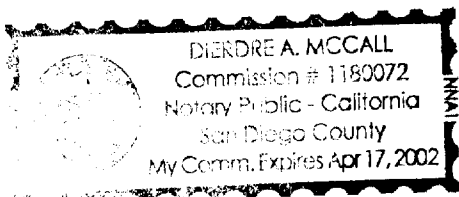
I certify that I know or have satisfactory evidence that Yun-Fei Zhu is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 11/2/00

Signature of Notary Public *[Handwritten Signature]*

Printed Name Dierdre A. McCall

My appointment expires April 17, 2002



11-02-00 Keith M. Wilcoxon
Date Keith M. Wilcoxon

State of California)
County of San Diego) ss.

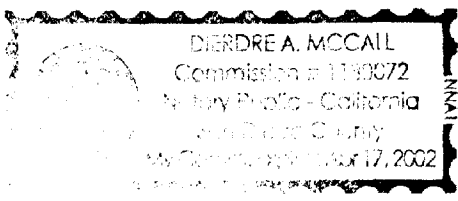
I certify that I know or have satisfactory evidence that Keith M. Wilcoxon is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 11/2/00

Signature of Notary Public Dierdre A. McCall

Printed Name Dierdre A. McCall

My appointment expires 4-17-02



10/2/00 R A A
Date R. Scott Struthers

State of California)
County of San Diego) ss.

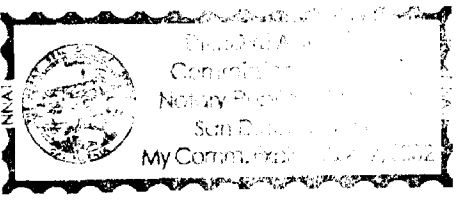
I certify that I know or have satisfactory evidence that R. Scott Struthers is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 11/2/00

Signature of Notary Public Dierdre A. McCall

Printed Name Dierdre A. McCall

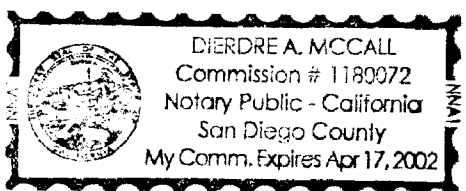
My appointment expires 4-17-02



11/2/2001 Chen Chen
Date Chen Chen
State of California)
County of San Diego) ss.

I certify that I know or have satisfactory evidence that Chen Chen 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.

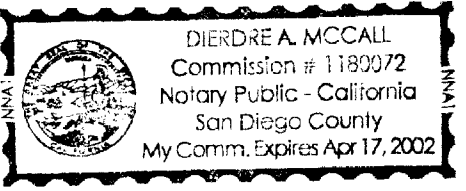
Dated 11/2/00
Signature of Dierdre A. McCall
Notary Public
Printed Name Dierdre A. McCall
My appointment expires 4-17-02



11-2-2001 Patrick J. Connors, Jr.
Date Patrick J. Connors, Jr.
State of California)
County of San Diego) ss.

I certify that I know or have satisfactory evidence that Patrick J. Connors, Jr. 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 Yinghong Gao

State of California

County of San Diego)
)
) ss.

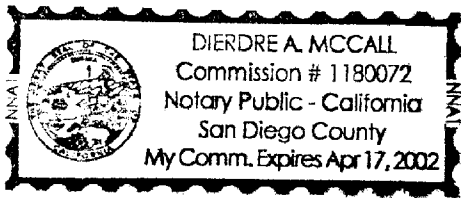
I certify that I know or have satisfactory evidence that Yinghong Gao is the person who appeared before me, and said person acknowledged that she signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in the instrument.

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 Fabio C. Tucci

State of California

County of San Diego)
)
) ss.

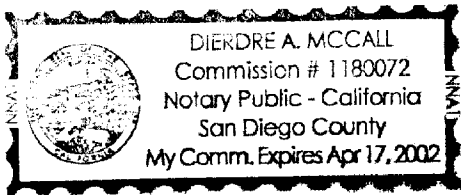
I certify that I know or have satisfactory evidence that Fabio C. Tucci is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 11/2/00

Signature of Dierdre A. McCall
Notary Public

Printed Name Dierdre A. McCall

My appointment expires 4-17-02



\\VERNON\USERS\LindaM\00-2\8498.doc
(690068.481)

ASSIGNMENT

WHEREAS, we, Yun-Fei Zhu, Keith M. Wilcoxon, R. Scott Struthers, Chen Chen, Patrick J. Connors, Jr., Yinghong Gao and Fabio C. Tucci (hereinafter referred to as ASSIGNORS), having post office addresses of 7306 Park Village Road, San Diego, California 92129, 2015 31st Street, San Diego, California 92104, 1161 Avenida Esteban, Encinitas, California 92024, 13922 Sparren Avenue, San Diego, California 92129, 4021 Illinois Street, San Diego, California 92104, 7856 Camino Tranquilo, San Diego, California 92122, and 4055 Falcon St #101, San Diego, CA 92103, respectively, are the joint inventors of an invention entitled "GONADOTROPIN-RELEASING HORMONE 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 12, 2000 and assigned Application No. 09/570,239; this application is a continuation-in-part of co-pending Application Nos. 09/405,286, filed in the United States Patent and Trademark Office on September 23, 1999, 09/363,254, filed in the United States Patent and Trademark Office on July 28, 1999 and 09/310,878, filed in the United States Patent and Trademark Office on May 14, 1999.

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

[Signature]

Yun-Fei Zhu

State of California)

County of San Diego)

ss.

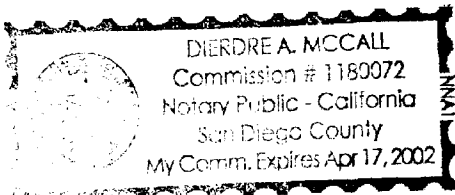
I certify that I know or have satisfactory evidence that Yun-Fei Zhu is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 11/2/00

Signature of Notary Public [Signature]

Printed Name Dierdre A. McCall

My appointment expires April 17, 2002



11-02-00
Date Keith M. Wilcoxon

State of California)

County of San Diego)

ss.

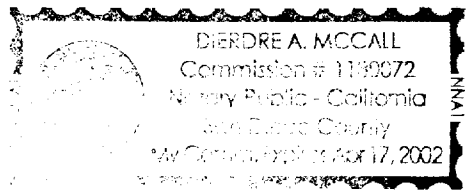
I certify that I know or have satisfactory evidence that Keith M. Wilcoxon is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 11/2/00

Signature of Notary Public Dierdre A. McCall

Printed Name Dierdre A. McCall

My appointment expires 4-17-02



10/2/00
Date

R A A
R. Scott Struthers

State of California)

County of San Diego)

ss.

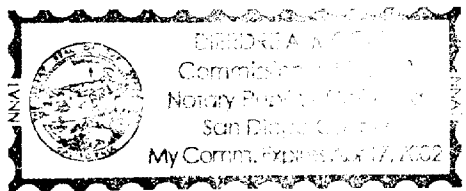
I certify that I know or have satisfactory evidence that R. Scott Struthers is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 11/2/00

Signature of Notary Public Dierdre A. McCall

Printed Name Dierdre A. McCall

My appointment expires 4-17-02



11/2/2000

Chen

Date

Chen Chen

State of California)

County of San Diego)

ss.

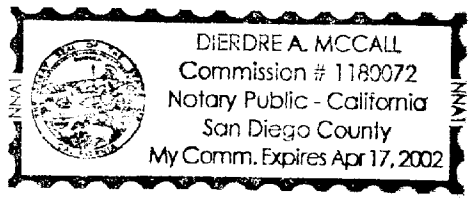
I certify that I know or have satisfactory evidence that Chen Chen is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 11/2/00

Signature of Notary Public *Dierdre J McCall*

Printed Name Dierdre A. McCall

My appointment expires 4-17-02



11-2-2000

Connors

Date

Patrick J. Connors, Jr.

State of California)

County of San Diego)

ss.

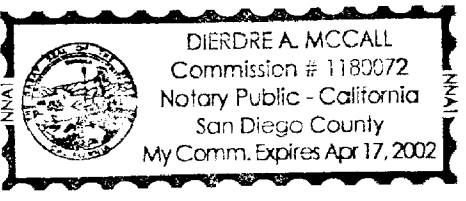
I certify that I know or have satisfactory evidence that Patrick J. Connors, Jr. is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 11/2/00

Signature of Notary Public *Dierdre J McCall*

Printed Name Dierdre A. McCall

My appointment expires 4-17-02



Date 11/22/2000

Yinghong Gao
Yinghong Gao

State of California

County of San Diego

ss.

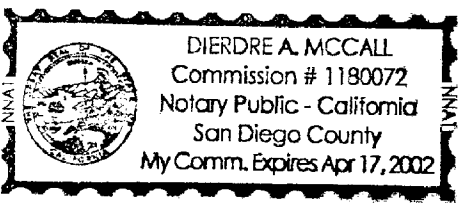
I certify that I know or have satisfactory evidence that Yinghong Gao is the person who appeared before me, and said person acknowledged that she signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 11/2/00

Signature of Dierdre A. McCall
Notary Public

Printed Name Dierdre A. McCall

My appointment expires 4-17-02



Date 11/02/2000

Fabio C. Tucci
Fabio C. Tucci

State of California

County of San Diego

ss.

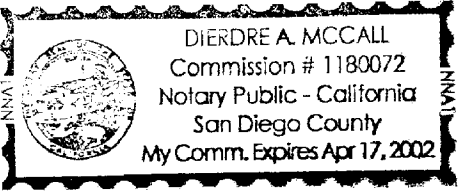
I certify that I know or have satisfactory evidence that Fabio C. Tucci is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 11/2/00

Signature of Dierdre A. McCall
Notary Public

Printed Name Dierdre A. McCall

My appointment expires 4-17-02



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