505314123 02/05/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUN-FEI ZHU	08/23/2001
CHEN CHEN	08/23/2001
FABIO C. TUCCI	08/23/2001
ZHIQIANG GUO	08/23/2001
TIMOTHY D. GROSS	08/23/2001
MARTIN ROWBOTTOM	08/23/2001
R. SCOTT STRUTHERS	08/23/2001

RECEIVING PARTY DATA

Name:	NEUROCRINE BIOSCIENCES, INC.
Street Address:	10555 SCIENCE CENTER DRIVE
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121-1102

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	10361144
Application Number:	11016551
Application Number:	11520022

CORRESPONDENCE DATA

Fax Number: (314)685-2300

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: admin@globalpatentgroup.com **GLOBAL PATENT GROUP** Correspondent Name:

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Address Line 4: RIO GRANDE, PUERTO RICO 00745

ATTORNEY DOCKET NUMBER: NEUR0005-201C1, -C2, -C3 NAME OF SUBMITTER: **LAUREN STEVENS**

PATENT REEL: 048242 FRAME: 0100 505314123

SIGNATURE: /Lauren Stevens/			
DATE SIGNED: 02/05/2019			
Total Attachments: 5			
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PATENT REEL: 048242 FRAME: 0101

ASSIGNMENT

WHEREAS, we, Yun-Fei Zhu, Chen Chen, Fabio C. Tucci, Zhiqiang Guo, Timothy D. Gross, Martin Rowbottom and R. Scott Struthers (hereinafter referred to as ASSIGNORS), having post office addresses of 7306 Park Village Road, San Diego, California 92129; 13922 Sparren Avenue, San Diego, California 92129; 4055 Falcon Street, #101, San Diego, California 92103; 11036 Caminito Alvarez, San Diego, California 92126; 11089 Camino Playa Carmel, San Diego, California 92124; 383 Nobel Drive, Apt. 3210, La Jolla, California 92122; and 1161 Avenida Esteban, Encinitas, California 92024, 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 for which an application for United States letters patent was filed on January 25, 2001 and assigned Application No. 09/771,107, which claims the benefit of Provisional Application Nos. 60/239,683, filed October 11, 2000, and 60/177,933, filed January 25, 2000.

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 92121-1102, 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.

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Date \$123/0		Yun-Fei Zhu
State of California)) ss.	
County of San Diego) 35.	

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.

	MARIA L BARBOSA
	Commission # 1200001
	Notary Public - California
	San Diego County
113	My Corrim. Expires Oct 30, 2002

Signature of
Notary Public

Printed Name

My appointment expires

8/29 (1				
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.

Jaca	
	MARIA L. BARBOSA
	Commission # 1200001
2 3 3 3	Notary Public - California
	San Diego County
	My Comm. Expires Oct 30, 2002

Signature of
Notary Public

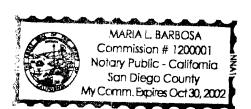
Printed Name

My appointment expires

State of California

County of San Diego

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.



Signature of

Notary Public

Printed Name

My appointment expires _____

08/23/2001 Date

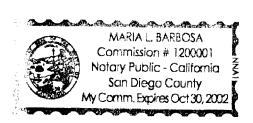
State of California

County of San Diego

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/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.



Notary Public ______ Signature of Printed Name Nagara in the Name My appointment expires I certify that I know or have satisfactory evidence that Timothy D. Gross 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.



Signature of
Notary Public

Printed Name

My appointment expires

(4-23-C1		M. Kenholoti
Date		Martin Rowbottom
State of California)	
County of San Diego) ss.	

I certify that I know or have satisfactory evidence that Martin Rowbottom 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.



Signature of
Notary Public

Printed Name

My appointment expires

<u> </u>		of A Am	
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.

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	MARIA L. BARBOSA
	Commission # 1200001
2 1 2 1	Notary Public - California
	San Diego County
	My Comm. Expires Oct 30, 2002
A STANDARD	The state of the s

Dated	"Lugare"	· 4 · 6 a	, . · · · ·	
Signature of Notary Public	- 13 8 km		and the same	
Printed Name	N. S.	<u>}-</u>	er samme ger	
My appointme	nt expires	N		

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