505316313 02/06/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5363094

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NEIL ASHWEEK	02/23/2010
MI CHEN	02/11/2010
TIMOTHY RICHARD COON	02/01/2010
TODD EWING	02/16/2010
WANLONG JIANG	02/08/2010
WILLY MOREE	01/26/2010
MARTIN ROWBOTTOM	02/10/2010
WARREN WADE	02/08/2010
LIREN ZHAO	02/08/2010
YUN-FEI ZHU	02/08/2010
JINGHUA YU	01/22/2010
GRAHAM BEATON	02/04/2010

RECEIVING PARTY DATA

Name:	NEUROCRINE BIOSCIENCES, INC.
Street Address:	12780 EL CAMINO REAL
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92130

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13572510

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.

Phone: 314-812-8020

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

Address Line 1: VENTANAS I I- UNIT #101-II, 7000 BAHIA BEACH BLVD.

Address Line 4: RIO GRANDE, PUERTO RICO 00745

PATENT

505316313 REEL: 048278 FRAME: 0625

ATTORNEY DOCKET NUMBER:	NEUR0015-501D1-US
NAME OF SUBMITTER:	LAUREN STEVENS
SIGNATURE:	/Lauren Stevens/
DATE SIGNED:	02/06/2019
Total Attachments: 23	
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> PATENT REEL: 048278 FRAME: 0626

ASSIGNMENT

Neil **ASHWEEK**, residing at 3650 Florida Street, Unit Q, San Diego, CA 92103, Mi **CHEN**, residing at 7746 Roan Road, San Diego, CA 92129, Timothy Richard **COON**, residing at 3022 Rancho Del Canon, Carlsbad, CA 92009, Todd **EWING**, residing at 12630 Darkwood Road, San Diego, CA 92129, Wanlong **JIANG**, residing at 7417 Via Cresta Road, San Diego, CA 92129, Willy **MOREE**, residing at 10730 Carillon Court, San Diego, CA 92131, Martin **ROWBOTTOM**, residing at 8389 Reagan Glen, San Diego, CA 92127, Warren **WADE**, residing at 10940 Shy Bird Lane, San Diego, CA 92128, Liren **ZHAO**, residing at 4466 Shorepointe Way, San Diego, CA 92130, Yun-fei **ZHU**, residing at 7306 Park Village Road, San Diego, CA 92130, Jinghua **YU**, residing at 1451 River Crest Road, San Marcos, CA 92078, and Graham **BEATON**, residing at 13610 Del Poniente Road, Poway, CA 92064 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled **GONADOTROPIN-RELEASING HORMONE RECEPTOR ANTAGONISTS AND METHODS RELATING THERETO**, and which is a:

(1)	provision	al application		
	(a)	to be filed herewith; or		
	(b)	bearing Application No.	, and filed on	; or
(2)	non-provi	sional application		
	(a)	to be filed herewith; or		
	(b)	bearing Application No. 1	2/594,815, and fi	led on
		October 5, 2009.		

WHEREAS, Neurocrine Biosciences, Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 12780 El Camino Real, San Diego, CA 92130 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States and of any other countries on the Invention(s); any application(s) for patent of the United States, and any application(s) for patent of any other countries, claiming priority to these application(s); any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent(s) of the United States and patent(s) of any other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignors have not done so already via a prior agreement with the Assignee, or if the Assignors have already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignors have sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignors' entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified in paragraph (1) or (2);

650287 v1/SD

- (c) the right to file applications for patent of the United States and of any other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty;
- (d) any application(s) for patent of the United States and any application(s) for patent of any other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States, and any application(s) for patent of any other countries, claiming priority to the application(s) for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), reissues, continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the proceeding paragraphs (b)-(e); and
- (g) any patent(s) of the United States and any patent(s) of any other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made.

The Assignors hereby represent to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignors are lawful owners of the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that the Assignors will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings.

The Assignors hereby request the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

650287 v1/SD

PATENT REEL: 048278 FRAME: 0628

Date: 2/23/10 By: Neil ASHWEEK
State of
On, before me,, Notary Public, personally appeared, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized caracity(ins), and that by his/her/their signature(s) on the instrument the person(s), or the entire upon behalf of which the person(s) acted, executed the
instrument. WITNESS my hand and official seal.
Signature of Notary Public Place Notary Seal Above
My Commission Expires:

State of California	
County of Sau Dieso	<u>↓</u> ∫
ortebruary 23, 70/Before me,	Dievove AUM Coll Andan Rublic
Date Delote Hie,	Here Insert Name and Title of the Officer
personally appeared	ASNUULK Name(s) of Signer(s)
DIERDRE A. MCCALL Commission # 1663621 Notary Public - California San Diego County My Comm. Expires May 2, 2018	who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they-executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal.
Place Notary Seal Above	Signature Signature of Notar Public
Though the information below is not required by law, it	may prove valuable to persons relying on the document eattachment of this form to another document.
Description of Attached Document	and the second s
Title or Type of Document:	
Document Date:	Number of Pages:
Signer(s) Other Than Named Above:	
Capacity(ies) Claimed by Signer(s)	
Signer's Name: Individual Corporate Officer — Title(s): Partner — Limited General Attorney in Fact Trustee Guardian or Conservator Other:	Signer's Name: Individual Corporate Officer — Title(s): Partner — Limited General RIGHT THUMSPRINT OF SIGNER Top of thumb here Guardian or Conservator Other: Other:
Signer Is Representing:	Signer Is Representing:

Date: $\frac{2/11/20/0}{}$ B	y: Mi Chen
	Mi CHEN
State of)	
) ss.	
County of	
On, before me,	, Notary
Public, personally appeared	, personally known
to me or proved to me on the basis of satisfactor	y evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and ack	numbedged to me that he/she/they executed the
same in his/her/their authorized capacity(ies)	and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon beha	alf of which the person(s) acted, executed the
instrument.	
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	_

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT San Di ego 2010 before me, Dil Ave Ame (keu) Mi Chen Name(s) of Signer(s) State of California personally appeared who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that _he/she/they executed the same in-his/her/their authorized capacity(ies), and that by his/her/their-signature(s) on the DIERDRE A. MCCALL Commission # 1663621 instrument the person(s), or the entity upon behalf of Notary Public - Collionnia which the person(s) acted, executed the instrument. San Diego County My Comm. Expires May 2, 2018 I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature Place Notary Seal Above OPTIONAL Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document. **Description of Attached Document** Title or Type of Document: ___ Document Date: __ _____Number of Pages: ___ Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s)

Signer Is Representing: _____ Signer Is Representing: _____

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Signer's Name:

☐ Attorney in Fact

□ Corporate Officer — Title(s): _

☐ Guardian or Conservator

☐ Partner — ☐ Limited ☐ General

Individual

☐ Trustee

Other:

Signer's Name:

Attorney in Fact

☐ Corporate Officer — Title(s):

☐ Guardian or Conservator

☐ Partner — ☐ Limited ☐ General

Individual

□ Trustee

□ Other: _

PATENT REEL: 048278 FRAME: 0632

IGHT THUMBPRINT OF SIGNER

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Date: 2/1/10 B	y: (inoth Richal Co
·	Timothy Richard COON
State of <u>California</u>) County of <u>San Diego</u> ss.	
On February 1, 2010, before me, Public, personally appeared Timothy	Erica Sheppard, Notary
Public, personally appeared Timothy k	Cichard Coon, personally known
to me or proved to me on the basis of satisfactor	y evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and ack	
same in his/her/their authorized capacity(ies), a	and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon beha	alf of which the person(f) acted, executed the
instrument.	EDICA CHEDDADO
	COMM. # 1797272 W
WITNESS my hand and official seal.	SAN DIEGO COUNTY MY COMM. EXP. MAY 4, 2012
Erica Sheppard	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires: 5/4/12	_

Attorney Docket No. NEUO-017/01US 142954-2168

Page 6

State of)	
County of	
On, before me,	, Notary
Public, personally appeared	, personally known
to me or proved to me on the basis of satisfactory	evidence, to be the person(s) whose namc(s)
is/are subscribed to the within instrument and ackn	lowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), a	nd that by his/her/their signature(s) on the
instrument the person(s), or the entity upon beha	If of which the person(s) acted, executed the
instrument.	
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	-

Date: February 16, 2010

See attacked

650287 v1/SD

State of California)
County of Alameda	}
On February 16,2010 before me,	John Tessman, Watery Public
personally appeared	John Tassman Wary Public, Here Insert Name and Title of the Officer Todd Ewing Name(s) of Signer(s)
	who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
JOHN TESSMAN COMM. # 1850280 NOTARY PUBLIC - CALIFORNIA ALAMEDA COUNTY My Comm. Exp. June 18, 2013	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
	WITNESS my hand and official seal.
Place Notary Seal Above	Signature Signature of Notary Public
	IONAL
and could prevent fraudulent removal and re	may prove valuable to persons relying on the document eattachment of this form to another document.
Description of Attached Document	
Title or Type of Document:	
Document Date: Number of Pages:	
Signer(s) Other Than Named Above:	
Capacity(ies) Claimed by Signer(s)	
Signer's Name: Individual Corporate Officer — Title(s): Partner — Limited General Attorney in Fact Trustee Guardian or Conservator Other:	☐ Individual ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other:
Signer Is Representing:	Signer Is Representing:

State of)		
County of) ss.		
On, before me,()	, Notary	
Public, personally appeared	, personally known	
to me or proved to me on the basis of satisfactory evidence, to be the	person(s) whose name(s)	
is/are subscribed to the within instrument and acknowledged to me that	he/she/they executed the	
same in his/her/their authorized capacity(ies) and that by his/her/t	their signature(s) on the	
instrument the person(s), or the entity upon behalf of which the pers	on(s) acted, executed the	
instrument.		
WITNESS my hand and official seal.		
Signature of Notary Public Place	Notary Seal Above	
My Commission Expires:		

Date: 02/08/2010 By: Wan

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT State of California personally appeared who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized DIERDRE A. MCCALL capacity(jes), and that by his/her/their signature(s) on the Commission # 1663621 instrument the person(s), or the entity upon behalf of Notary Public - Comornia which the person(s) acted, executed the instrument. San Diego County My Comm. Expires May 2: 201 I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal.

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Place Notary Seal Above

Description of Attached Document

Title or Type of Document:

Signature

Document Date:		Number of Pages:	
Signer(s) Other Than Named Above:			
Capacity(ies) Claimed by Signe	er(s)		
Signer's Name: Individual Corporate Officer — Title(s): Partner — Limited General Attorney in Fact Trustee Guardian or Conservator Other: Signer Is Representing:		Signer's Name:	RIGHT THUMBPRINT OF SIGNER Top of thumb here

Date: 1/26/2010	By: Willy MOREE
_	V
State of A	
County of San Diego) ss.	
On	, A. Encines , Notary
Public, personally appeared Willy M	oree, personally known
to me or proved to me on the basis of satisfactor	ry evidence, to be the person(s) whose name(s)
is are subscribed to the within instrument and ac	knowledged to me that he she hey executed the
same in his her heir authorized capacity(ies),	and that by his her their signature(s) on the
instrument the person(s), or the entity upon bel	half of which the person(s) acted, executed the
instrument.	
WITNESS my hand and official seal. Almona 8	A ENCINAS A ENCINAS NOTARY PUBLIC-CALIFORNIAS COMM. MO. 172221A SAN PIEGO COUNTY MY COMM. EXP. JAN. 30, 2011
L ,	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires: [-30-20]	<u> </u>

Date: 02 16 2010 By: M- MACM
Martin ROWBOTTOM
State of)
County of
On, before me,, Notary
Public, personally appeared, personally known
to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(res), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.
WITNESS my hand and official seal.
Signature of Notary Public Place Notary Seal Above
My Commission Expires:

State of California County of Saw Dilg O On Flbyvary 10, 2010 before me, personally appeared Ma	Die rune AMa (au, No fary Public, Here insert Name and Title of the pyticer Ly fin Name(s) of Signer(s)	
DIERDRE A. MCCALL Commission # 1663621 Notary Public - Callfornia \$ San Diego County My Comm. Expires May 2, 2013	who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their_authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.	
	WITNESS my hand and official seal.	
Place Notary Seal Above Signature Signature Signature of Notary Public		
Though the information below is not required by law	PTIONAL v, it may prove valuable to persons relying on the document d reattachment of this form to another document.	
Description of Attached Document		
Title or Type of Document:		
Document Date:		
Signer(s) Other Than Named Above:		
Capacity(ies) Claimed by Signer(s)		
Signer's Name: Individual Corporate Officer — Title(s): Partner — Limited General Attorney in Fact Trustee Guardian or Conservator Other: Signer Is Representing:	☐ Individual ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact	

State of
County of
On, before me,, Notary
Public, personally appeared, personally known
to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and acting redged to me that he/she/they executed the
same in his/her/their authorized capacity(ies and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.
WITNESS my hand and official seal.
Signature of Notary Public Place Notary Seal Above
My Commission Expires:

Date: February 8, 20/0
By: Warren W

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT State of California before me, personally appeared who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their-signature(s) on the instrument the person(s), or the entity upon behalf of DIERDRE A. MCCALL which the person(s) acted, executed the instrument. Commission # 1663621 lotary Public - California San Diego County I certify under PENALTY OF PERJURY under the laws My Comm. Expires May 2, 2018 of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal Signature Place Notary Seal Above OPTIONAL Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document. **Description of Attached Document** Title or Type of Document: Document Date: _____ Number of Pages: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: Signer's Name:__ □ Individual ☐ Individual ☐ Corporate Officer — Title(s): ☐ Corporate Officer — Title(s):

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☐ Partner — ☐ Limited ☐ General

☐ Guardian or Conservator

Signer Is Representing:

☐ Attorney in Fact

☐ Trustee

Other:

☐ Partner — ☐ Limited ☐ General

☐ Guardian or Conservator

Signer Is Representing: _

☐ Attorney in Fact

□ Trustee

□ Other:

Top of thumb here

Date:By: Liren ZHAO		
State of)		
On, before me,, Notary		
Public, personally appeared, personally known		
to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s)		
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the		
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the		
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the		
instrument.		
WITNESS my hand and official seal.		
Signature of Notary Public Place Notary Seal Above		
My Commission Expires:		

State of California County of	Except A Marcall Notary Public, Hard-Insert Name and Title of the Officer Name(s) of Signer(s)	
who proved to me on the basis of satisfactory evide be the person(s) whose name(s) is/are subscribed within instrument and acknowledged to me he/she/they executed the same in his/her/their aut capacity(ies), and that by his/her/their-signature(s) instrument the person(s), or the entity upon be which the person(s) acted, executed the instrument of the State of California that the foregoing parage true and correct. WITNESS my hand and official seal.		
Place Notary Seal Above	Signature Signature of Notary Public ONAL	
Though the information below is not required by law, it is and could prevent fraudulent removal and rea	may prove valuable to persons relying on the document attachment of this form to another document.	
Description of Attached Document		
Title or Type of Document:		
ocument Date: Number of Pages:		
Signer(s) Other Than Named Above:		
Capacity(ies) Claimed by Signer(s)		
Signer's Name: Individual Corporate Officer — Title(s): Partner — Limited General Attorney in Fact Trustee Guardian or Conservator Other: Signer Is Representing:	Signer's Name:	

Date: 01/08/2010 By:	
Yun-fei ZHU	
State of)	
County of	
On, before me,, No	tary
Public, personally appeared, personally known	own
to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name	e(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed	the
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on	the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed	the
instrument.	:
WITNESS my hand and official seal.	
Signature of Notary Public Place Notary Seal Above	
My Commission Expires:	

State of California County of	Dilectore AMCall Notary Public Here insert Name and Title of the Officer Name(s) of Signer(s)
.	who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature (S) Signature of Notary Public (S) NOTAL
and could prevent fraudulent removal and re	may prove valuable to persons relying on the document attachment of this form to another document.
Description of Attached Document	
Title or Type of Document:	
Document Date:	Number of Pages:
Signer(s) Other Than Named Above:	
Capacity(ies) Claimed by Signer(s)	
Signer's Name: Individual Corporate Officer — Title(s): Partner — Limited General Attorney in Fact Trustee Guardian or Conservator Other: Signer Is Representing:	Signer's Name: Individual Corporate Officer — Title(s): Partner — Limited General Attorney in Fact Trustee Guardian or Conservator Other: Signer Is Representing:

Date: 1/22/2010 By: Jinghua YU	
State of California Ss. County of SanDieso On January 22, 2010, before me, Laura L. Earnes, No Public, personally appeared Jinghua / u, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on instrument the person(s), or the entity upon behalf of which the person(s) acted, executed instrument. LAURA L. EAMES Commission # 1794238 Notary Public - California San Diego County My Comm. Expless Apr 13, 2012	e(s) the the
Signature of Notary Public Place Notary Seal Above	
My Commission Expires: April 13, 2012	

Attorney Docket No. NEUO-017/01US 142954-2168

Page 14

Date: 2/4/2010 By:	_ all st
	Graham BEATON
	A
State of	Notary Notary
County of	.00
On, before me,	, Notary
Public, personally appeared	, personally known
to me or proved to me on the basis of satisfactory of	evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledges	
same in his/her/their authorized capacity(its)	
instrument the person(s), or the entity appear behalf	of which the person(s) acted, executed the
instrument.	
WITNESS my hand and official seal.	
031	
Signature of Motary Public	Place Notary Seal Above
My Commission Expires:	
My Commission Expires:	

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT State of California before me, personally appeared who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are-subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their-signature(s) on the DIERDRE A. MCCALL instrument the person(s), or the entity upon behalf of Commission # 1663621 Notary Public - California which the person(s) acted, executed the instrument. San Diego County Ny Comm. Expires May 2, 2018 I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my band and official seal. Signature. Place Notary Seal Above OPTIONAL Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document. **Description of Attached Document** Title or Type of Document: Number of Pages: Document Date: ___ Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: ___ Signer's Name:___ ☐ Individual Individual ☐ Corporate Officer — Title(s): ___ ☐ Corporate Officer — Title(s): □ Partner — □ Limited □ General ☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact Attorney in Fact Top of thumb here Top of thumb here □ Trustee □ Trustee ☐ Guardian or Conservator ☐ Guardian or Conservator

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Other:

Signer Is Representing: ___

PATENT REEL: 048278 FRAME: 0649

Signer Is Representing: _

☐ Other: