

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Lee Alani Selvey	04/01/2011
Marlon Carlos	04/05/2011
Paul Maffuid	04/23/2011
Yun Shan	04/19/2011
William L. Betts, III	04/01/2011
Deam Windate Given, III	04/26/2011
Ryan M. Hart	04/12/2011
Zezhi Jesse Shao	04/04/2011

RECEIVING PARTY DATA

Name:	Arena Pharmaceuticals, Inc.
Street Address:	6166 Nancy Ridge Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13126564

CORRESPONDENCE DATA

Fax Number: (877)769-7945
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: (302) 652-5070
 Email: oneill@fr.com
 Correspondent Name: Susanne H. Goodson
 Address Line 1: FISH & RICHARDSON P.C.
 Address Line 2: P.O.BOX 1022
 Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

CH \$40.00 13126564

ATTORNEY DOCKET NUMBER:	20750-0104US1 142.US2.PCT
NAME OF SUBMITTER:	Suzanne C. O'Neill

Total Attachments: 45

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ASSIGNMENT

For valuable consideration, we, Lee Alani Selvey, of 12976 Cree Drive, Poway, CA 92064, ; Marlon Carlos, of 1924 Knightsferry Drive, Chula Vista, CA 91913; Paul Maffuid, of 3326 Avenida Anacapa, Carlsbad, CA 92009; Yun Shan, of 11429 Honey Ridge, San Diego, CA 92130; William L. Betts, III, of 4518 Patria Drive, San Diego, CA 92115; Deam Windate Given, III, of 3504 Caminito El Rincon, #2, San Diego, CA 92130; Ryan M. Hart, of 722 Shotwell St., Apt. #1, San Francisco, CA 94110; ZeZhi Jesse Shao, of 11356 Saddle Cove Lane, San Diego, CA 92130; hereby assign to ARENA PHARMACEUTICALS, INC., a corporation of Delaware, having a place of business at 6166 Nancy Ridge Drive, San Diego, CA 92121, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled COMPOSITION OF A 5-HT_{2A} SEROTONIN RECEPTOR MODULATOR USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO, filed 4/28/2011 , as a national stage of PCT application serial number PCT/US2009/005811 and assigned U.S. Serial Number 13/126,564 , and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 01 April 2011

Lee Alani Selvey
LEE ALANI SELVEY

Acknowledgment

State of California

County of San Diego

On April 1, 2011 before me, Lori A. Linderman, Notary Public,
(insert name and title of the officer)

personally appeared Lee Alani Selvey,
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 Lori A. Linderman (Seal)



DATE: 05 April 11


MARLON CARLOS

Acknowledgment

State of California

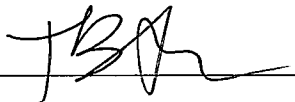
County of San Diego

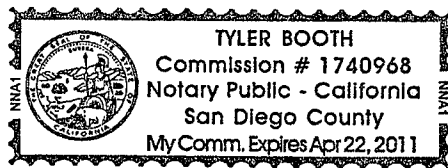
On 04/05/11 before me, Tyler Booth, Notary Public
(insert name and title of the officer)

personally appeared Marlon Carlos,
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  (Seal)



DATE: _____
PAUL MAFFUID

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared Paul Maffuid,
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 _____ (Seal)

DATE: _____
YUN SHAN

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared Yun Shan,
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 _____ (Seal)

DATE: 1 Apr 2011

William L. Betts, III
WILLIAM L. BETTS, III

Acknowledgment

State of California

County of San Diego

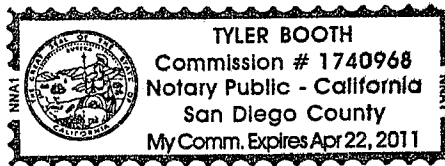
On 04/01/2011 before me, Tyler Booth, Notary Public
(insert name and title of the officer)

personally appeared William L. Betts, III,
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 Tyler Booth (Seal)



DATE: _____
DEAM WINDATE GIVEN, III

Acknowledgment

State of California

County of _____)

On _____ before me, _____
(insert name and title of the officer)

personally appeared Deam Windgate Given, III
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 _____ (Seal)

DATE: _____
RYAN M. HART

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

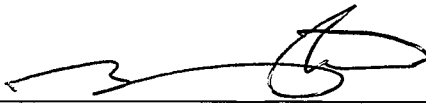
personally appeared Ryan M. Hart,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same
in his/her/their authorized capacity(ies), and that by his/her/their signature(s) 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 _____ (Seal)

DATE: 04 Apr 2011


ZEZHI JESSE SHAO

Acknowledgment

State of California

County of San Diego

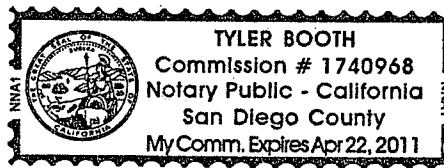
On 04/04/11 before me, Tyler Booth, Notary Public
(insert name and title of the officer)

personally appeared Zezhi Jesse Shao,
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  (Seal)



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ASSIGNMENT

For valuable consideration, we, Lee Alani Selvey, of 12976 Cree Drive, Poway, CA 92064, ; Marlon Carlos, of 1924 Knightsferry Drive, Chula Vista, CA 91913; Paul Maffuid, of 3326 Avenida Anacapa, Carlsbad, CA 92009; Yun Shan, of 11429 Honey Ridge, San Diego, CA 92130; William L. Betts, III, of 4518 Patria Drive, San Diego, CA 92115; Deam Windate Given, III, of 3504 Caminito El Rincon, #2, San Diego, CA 92130; Ryan M. Hart, of 722 Shotwell St., Apt. #1, San Francisco, CA 94110; ZeZhi Jesse Shao, of 11356 Saddle Cove Lane, San Diego, CA 92130; hereby assign to ARENA PHARMACEUTICALS, INC., a corporation of Delaware, having a place of business at 6166 Nancy Ridge Drive, San Diego, CA 92121, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled COMPOSITION OF A 5-HT_{2A} SEROTONIN RECEPTOR MODULATOR USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO, filed 4/28/2011, as a national stage of PCT application serial number PCT/US2009/005811 and assigned U.S. Serial Number 13/126,564, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: _____
LEE ALANI SELVEY.

Acknowledgment

State of California

County of _____)

On _____ before me, _____
(insert name and title of the officer)

personally appeared Lee Alani Selvey,
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 _____ (Seal)

DATE: _____
MARLON CARLOS

Acknowledgment

State of California

County of _____)

On _____ before me, _____
(insert name and title of the officer)

personally appeared Marlon Carlos,
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 _____ (Seal)

DATE: _____
PAUL MAFFUID

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared Paul Maffuid,
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 _____ (Seal)

DATE: _____ YUN SHAN

Acknowledgment

State of California

County of _____)

On _____ before me, _____
(insert name and title of the officer)

personally appeared Yun Shan
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 _____ (Seal)

DATE: _____
_____ WILLIAM L. BETTS, III

Acknowledgment

State of California

County of _____)

On _____ before me, _____
(insert name and title of the officer)

personally appeared William L. Betts, III,
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 _____ (Seal)

DATE: 26 April

Deam Windate Given, III
DEAM WINDATE GIVEN, III

Acknowledgment

State of California

County of San Diego

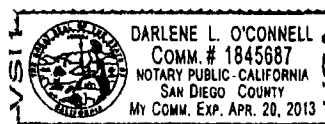
On April 26, 2011 before me, Darlene L. O'Connell Notary Public
(insert name and title of the officer)

personally appeared Deam Windgate Given, III
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 Darlene L. O'Connell (Seal)



DATE: _____
RYAN M. HART

Acknowledgment

State of California

County of _____)

On _____ before me, _____
(insert name and title of the officer)

personally appeared Ryan M. Hart
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
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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 _____ (Seal)

ASSIGNMENT

For valuable consideration, we, Lee Alani Selvey, of 12976 Cree Drive, Poway, CA 92064, ; Marlon Carlos, of 1924 Knightsferry Drive, Chula Vista, CA 91913; Paul Maffuid, of 3326 Avenida Anacapa, Carlsbad, CA 92009; Yun Shan, of 11429 Hone Ridge, San Diego, CA 92130; William L. Betts, III, of 4518 Patria Drive, San Diego, CA 92115; Deam Windate Given, III, of 3504 Caminito El Rincon, #2, San Diego, CA 92130; Ryan M. Hart, of 722 Shotwell St., Apt. #1, San Francisco, CA 94110; ZeZhi Jesse Shao, of 11356 Saddle Cove Lane, San Diego, CA 92130; hereby assign to ARENA PHARMACEUTICALS, INC., a corporation of Delaware, having a place of business at 6166 Nancy Ridge Drive, San Diego, CA 92121, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled COMPOSITION OF A 5-HT_{2A} SEROTONIN RECEPTOR MODULATOR USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO, filed 4/28/2011, as a national stage of PCT application serial number PCT/US2009/005811 and assigned U.S. Serial Number 13/126,564, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: _____
LEE ALANI SELVEY

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared Lee Alani Selvey
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 _____ (Seal)

DATE: _____
MARLON CARLOS

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared Marlon Carlos,
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
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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 _____ (Seal)

DATE: _____
PAUL MAFFUID

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared Paul Maffuid,
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 _____ (Seal)

DATE: _____
YUN SHAN

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared _____ Yun Shan
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 _____ (Seal)

DATE: _____
WILLIAM L. BETTS, III

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared William L. Betts, III,
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 _____ (Seal)

DATE: _____
DEAM WINDATE GIVEN, III

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

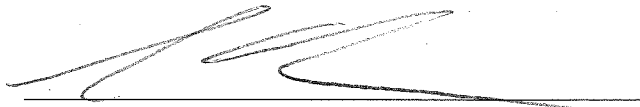
personally appeared Deam Windgate Given, III
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same
in his/her/their authorized capacity(ies), and that by his/her/their 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 _____ (Seal)

DATE: 12 APR 11


RYAN M. HART

Acknowledgment

State of California

County of San Mateo

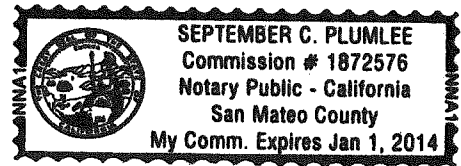
On 4/12/11 before me, September C. Plumlee, Notary Public
(insert name and title of the officer)

personally appeared Ryan M. Hart,
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 September C. Plumlee (Seal)



DATE: _____
ZEZHI JESSE SHAO

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared ZeZhi Jesse Shao,
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 _____ (Seal)

ASSIGNMENT

For valuable consideration, we, Lee Alani Selvey, of 12976 Cree Drive, Poway, CA 92064, ; Marlon Carlos, of 1924 Knightsferry Drive, Chula Vista, CA 91913; Paul Maffuid, of 3326 Avenida Anacapa, Carlsbad, CA 92009; Yun Shan, of 11429 Honey Ridge, San Diego, CA 92130; William L. Betts, III, of 4518 Patria Drive, San Diego, CA 92115; Deam Windate Given, III, of 3504 Caminito El Rincon, #2, San Diego, CA 92130; Ryan M. Hart, of 722 Shotwell St., Apt. #1, San Francisco, CA 94110; Ze zhi Jesse Shao, of 11356 Saddle Cove Lane, San Diego, CA 92130; hereby assign to ARENA PHARMACEUTICALS, INC., a corporation of Delaware, having a place of business at 6166 Nancy Ridge Drive, San Diego, CA 92121, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled COMPOSITION OF A 5-HT2A SEROTONIN RECEPTOR MODULATOR USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO, filed 4/28/2011 , as a national stage of PCT application serial number PCT/US2009/005811 and assigned U.S. Serial Number 13/126,564 , and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: _____
LEE ALANI SELVEY

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared Lee Alani Selvey,
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 _____ (Seal)

DATE: _____
MARLON CARLOS

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared Marlon Carlos,
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 _____ (Seal)

DATE: 23-APRIL-2011

Paul Maffuid
PAUL MAFFUID

Acknowledgment

State of California

County of SAN DIEGO

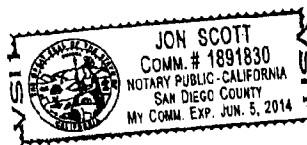
On APRIL 23rd, 2011 before me, Jon Scott, Notary Public.
(insert name and title of the officer)

personally appeared Paul Maffuid,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~
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 [Handwritten Signature] (Seal)



DATE: _____
YUN SHAN

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared Yun Shan,
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 _____ (Seal)

DATE: _____
WILLIAM L. BETTS, III

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared William L. Betts, III
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 _____ (Seal)

DATE: _____
DEAM WINDATE GIVEN, III

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared Deam Windgate Given, III
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 _____ (Seal)

DATE: _____
RYAN M. HART

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared Ryan M. Hart,
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 _____ (Seal)

DATE: _____
ZEZHI JESSE SHAO

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared ZeZhi Jesse Shao,
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 _____ (Seal)

22605952.doc

ASSIGNMENT

For valuable consideration, we, Lee Alani Selvey, of 12976 Cree Drive, Poway, CA 92064, ; Marlon Carlos, of 1924 Knightsferry Drive, Chula Vista, CA 91913; Paul Maffuid, of 3326 Avenida Anacapa, Carlsbad, CA 92009; Yun Shan, of 11429 Honey Ridge, San Diego, CA 92130; William L. Betts, III, of 4518 Patria Drive, San Diego, CA 92115; Deam Windate Given, III, of 3504 Caminito El Rincon, #2, San Diego, CA 92130; Ryan M. Hart, of 722 Shotwell St., Apt. #1, San Francisco, CA 94110; Ze zhi Jesse Shao, of 11356 Saddle Cove Lane, San Diego, CA 92130; hereby assign to ARENA PHARMACEUTICALS, INC., a corporation of Delaware, having a place of business at 6166 Nancy Ridge Drive, San Diego, CA 92121, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled COMPOSITION OF A 5-HT2A SEROTONIN RECEPTOR MODULATOR USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO, filed 4/28/2011, as a national stage of PCT application serial number PCT/US2009/005811 and assigned U.S. Serial Number 13/126,564, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: _____

LEE ALANI SELVEY

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared _____ Lee Alani Selvey,
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 _____ (Seal)

DATE: _____
MARLON CARLOS

Acknowledgment

State of California

County of _____)

On _____ before me, _____
(insert name and title of the officer)

personally appeared _____ Marlon Carlos,
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 _____ (Seal)

DATE: _____
PAUL MAFFUID

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

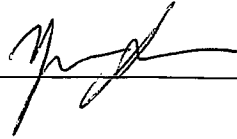
personally appeared Paul Maffuid,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same
in his/her/their authorized capacity(ies), and that by his/her/their signature(s) 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 _____ (Seal)

DATE: 4/19/2011


YUN SHAN

Acknowledgment

State of California

County of San Diego

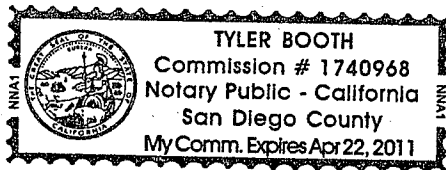
On 04/19/2011 before me, Tyler Booth, Notary Public,
(insert name and title of the officer)

personally appeared Yun Shan,
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  (Seal)



DATE: _____

WILLIAM L. BETTS, III

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared _____ William L. Betts, III,
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 _____ (Seal)

DATE: _____

DEAM WINDATE GIVEN, III

Acknowledgment

State of California

County of _____)

On _____ before me, _____
(insert name and title of the officer)

personally appeared Deam Windgate Given, III
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 _____ (Seal)

DATE: _____

RYAN M. HART

Acknowledgment

State of California

County of _____)

On _____ before me, _____
(insert name and title of the officer)

personally appeared _____ Ryan M. Hart,
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 _____ (Seal)

DATE: _____

ZEZHI JESSE SHAO

Acknowledgment

State of California

County of _____)

On _____ before me, _____,
(insert name and title of the officer)

personally appeared Zezi Jesse Shao,
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 _____ (Seal)

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