503651874 01/15/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JENNIFER RIGGS-SAUTHIER	02/24/2012
BO-LIANG DENG	02/23/2012
TIMOTHY A. RILEY	02/24/2012

RECEIVING PARTY DATA

Name:	NEKTAR THERAPEUTICS
Street Address:	455 MISSION BAY BOULEVARD SOUTH
Internal Address:	SUITE 100
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94158

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14959604

CORRESPONDENCE DATA

Fax Number: (415)339-5323

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.

Email: atran@nektar.com

Correspondent Name: NEKTAR THERAPEUTICS

Address Line 1: 455 MISSION BAY BOULEVARD SOUTH

Address Line 2: SUITE 100

Address Line 4: SAN FRANCISCO, CALIFORNIA 94158

ATTORNEY DOCKET NUMBER:	SHE0162.00.5
NAME OF SUBMITTER:	ANNA TRAN
SIGNATURE:	/ANNA TRAN/
DATE SIGNED:	01/15/2016

Total Attachments: 5

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PATENT 503651874 REEL: 037502 FRAME: 0167

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PATENT REEL: 037502 FRAME: 0168

ASSIGNMENT

WHEREAS, We, <u>JENNIFER RIGGS-SAUTHIER</u>, <u>BO-LIANG DENG</u>, and <u>TIMOTHY A. RILEY</u>, hereinafter referred to as ASSIGNORS, have invented a new and unobvious invention entitled:

OLIGOMER-OPIOID AGONIST CONJUGATES

for which application for Letters Patent of the United States is identified by U. S. Application No. 13/386,327, having a filing date of January 20, 2012; and

WHEREAS, <u>NEKTAR THERAPEUTICS</u>, a Delaware corporation having a place of business at <u>455 Mission Bay Boulevard South</u>, <u>Suite 100</u>, <u>San Francisco</u>, <u>California 94158</u>, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said application and said invention, in and to any and all improvements relating to said invention, and in and to Letters Patent thereon, when granted in the United States and all foreign countries; and

WHEREAS, ASSIGNORS acknowledge that pursuant to their employment agreements and the terms of this instrument, they are under a continuing obligation to assign all right, title and interest in, to and under the invention which is the subject of the referred-to application for Letters Patent and any improvements thereof and all divisions, continuations and continuations-in-part thereof, to **NEKTAR THERAPEUTICS**, its successors, legal representatives and assigns in accordance with this instrument;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNORS from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNORS:

Jennifer Riggs-Sauthier 7917 Smoke Rise Road Huntsville, Alabama 35802

Bo-Liang Deng 209 Meadow Wood Drive Madison, Alabama 35756

Timothy A. Riley 211 Morningwalk Lane Huntsville, Alabama 35824

1

- 1. ASSIGNORS hereby sell, assign, transfer and convey unto ASSIGNEE, the entire right, title and interest in and to said application and said invention and improvements; including all priority rights under the International Convention associated with the filing of said application, for each country of the Union; and in and to any and all Letters Patent on said invention and improvements that may be granted by the United States or any foreign countries, including each and every Letters Patent granted on any application which is a division, substitution, continuation or continuation-in-part of any application relating to said invention or improvements, and in and to each and every reissue or extension of said Letters Patent.
- 2. ASSIGNORS hereby warrant, covenant and represent the fact to be that they have not theretofore granted any license, right or privilege in respect to the said application or said invention or improvements, or in any other way encumbered the same, and that they have the full right to convey, free of all licenses and encumbrances, the entire interest hereby assigned.
- 3. ASSIGNORS covenant and agree that at the request and expense of ASSIGNEE they will promptly execute all papers necessary or desirable to perfect ownership of said invention, improvements, applications or said Letters Patent in ASSIGNEE, and execute all oaths and other papers necessary or desirable for prosecuting said application, for use in interference proceedings involving said invention or improvements, for refiling said applications, for filing of said divisional, substitution, continuation or continuation-in-part applications covering said invention or improvements which are deemed necessary or desirable by ASSIGNEE, for reissuance of said Letters Patent, or for the filing of foreign countries of applications for Letters Patent conferring said invention or improvements.

ASSIGNORS further covenant and agree that at the expense and request of ASSIGNEE they will promptly assist ASSIGNEE in interference proceedings involving said invention or improvements, and in litigation involving said Letters Patent, and will assist in the ascertainment of facts and the production of evidence relating to said invention or improvements.

- 4. The terms, covenants and provisions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other, legal representatives, and shall be binding upon ASSIGNORS, their heirs, legal representatives and assigns.
- 5. ASSIGNORS hereby authorize and request the COMMISSIONER FOR PATENTS to issue the United States Letters Patent on their invention, when granted, unto

NEKTAR THERAPEUTICS

its successors, assigns and other legal representatives in accordance with this agreement.

IN TESTIMONY WHEREOF, I, JENNIFER RIGGS-SAUTHIER , HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS 24th DAY OF Johnson, 2012.
Johnsfer Riggs-Sauthier
STATE OF AUDAMA
County of Mac 1'Say
On FUMUL 24, 2012 before me, WM D. WISM, EXPLUTIVE ASSISTANT Name and Title of the Officer
personally appeared Ternifly Rings - Sulffills 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 Signature of Notary Public
WENDY D WILSON Notary Public, Alabama State At Large My Commission Expires July 8, 2015

3

IN TESTIMONY WHEREOF, I, BO-LIANG DENG, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS 23 DAY OF February, 2012.
Bo-Liang Deng
Bo-Liang Deng
STATE OF AMAMA
02 21 10 DW
County of Y V (U S ()
On <u>FUMULY 23, 2012</u> before me, <u>UNIVERD WISON</u> , EXCUSIVE ASSISTA
personally appeared
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 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 (of Notary Public
WENDY D WILSON Notary Public, Alabama State At Large My Commission Expires July 8, 2015

IN TESTIMONY WHEREOF, I, TIMOTHY A. RILEY, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS 24th DAY OF Feb., 2012. Timothy A. Riley
STATE OF ACCUMAC County of Machinery
On William 24, 2012 before me, William, Excluding Assistant Name and Title of the Officer 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 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 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
WENDY D WILSON Notary Public, Alabama State At Large My Commission Expires July 8, 2015

5