504382240 05/24/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4428935

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALFREDO C. CASTRO	03/30/2017
CATHERINE A. EVANS	04/07/2017
SOMARAJANNAIR JANARDANANNAIR	04/11/2017
ANDRE LESCARBEAU	03/28/2017
TAO LIU	03/22/2017
MARTIN R. TREMBLAY	03/28/2017

RECEIVING PARTY DATA

Name:	INFINITY PHARMACEUTICALS, INC.
Street Address:	780 MEMORIAL DRIVE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14661656

CORRESPONDENCE DATA

Fax Number: (212)755-7306

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: 858-314-1200

cjhines@jonesday.com, wtokmakidis@jonesday.com Email:

JONES DAY **Correspondent Name:**

250 VESEY STREET Address Line 1: Address Line 2: **WENDY TOKMAKIDIS**

Address Line 4: **NEW YORK, NEW YORK 10281-1047**

ATTORNEY DOCKET NUMBER:	12928-156-999
NAME OF SUBMITTER:	CARRIE J. HINES
SIGNATURE:	/Carrie J. Hines/
DATE SIGNED:	05/24/2017

PATENT REEL: 042491 FRAME: 0654 504382240

Total Attachments: 12 source=12928-156-999_Assignment#page1.tif source=12928-156-999_Assignment#page2.tif source=12928-156-999_Assignment#page3.tif source=12928-156-999_Assignment#page4.tif source=12928-156-999_Assignment#page5.tif source=12928-156-999_Assignment#page6.tif source=12928-156-999_Assignment#page7.tif source=12928-156-999_Assignment#page8.tif source=12928-156-999_Assignment#page9.tif source=12928-156-999_Assignment#page10.tif source=12928-156-999_Assignment#page11.tif source=12928-156-999_Assignment#page12.tif

PATENT REEL: 042491 FRAME: 0655

WHEREAS, I, Alfredo C. Castro, citizen of the United States, having a mailing address of 14 Kelly Drive, Woburn, MA 01801, residing at Woburn, MA, ASSIGNOR, am the inventor of the invention in HETEROCYCLIC COMPOUNDS AND USES THEREOF for which an application for a Patent of the United States has been filed.

- which is identified by Jones Day docket no. 12928-156-999 (CAM 765398-999156).
- which was filed on March 18, 2015, Application No. 14/661,656

and WHEREAS, Infinity Pharmaceuticals, Inc., a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 780 Memorial Drive, Cambridge, MA 02139, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I, the ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement.

AND I HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my signature.

Date _	3/30/2017	, 2017	Alfredo C. Castro	L.S.
Date _	3/30/2017		Ation 1 Atto- Witness 1 - Signature	
Date	3/30/2017		Tatricia M. Castro Wilness 1—Printed Name	
•			Witness 2 - Signature Viともいい	

ACCEPTED AND AGREED TO BY ASSIGNEE, Infinity Pharmaceuticals,	inc.:
Signature <i>AHTE</i>	Date: May 19 2017
Printed name Schriffsker	• "
Tille VP. beneal Counsel	

WHEREAS, I, Catherine A. Evans, citizen of the United States, having a mailing address of 83 Jaques Street, Somerville, MA 02145, residing at Somerville, MA, ASSIGNOR, am the inventor of the invention in HETEROCYCLIC COMPOUNDS AND USES THEREOF for which an application for a Patent of the United States has been filed.

- which is identified by Jones Day docket no. 12928-156-999 (CAM 765398-999156)
- which was filed on March 18, 2015, Application No. 14/661,656

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I, the ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my signature.

Date <u>FApril</u>	, 2017 Latherine A. Evans L.S.
Date 7APM W	7 124 12-
•	Richard A. Howlett Phi
ome <u>7 April 201</u>	Witness I - Printed Name
*	Witness 2 - Signature Trowas A Backus Witness 2 - Printed Name

Page 1 of 2

ACCEPTED AND AGREED TO BY ASSIGNEE, Infinity Pharmaceuticals,	Inc.:
Signature SHHA	Date: <u>May 17, 2017</u>
Printed name <u>SeHr Tables</u>	
Title UP General Courses	

WHEREAS, I, Somarajannair Janardanannair, citizen of India, having a mailing address of 10 Totman Dr., Apt. 7, Woburn, MA 01801, residing at Woburn, MA, ASSIGNOR, am the inventor of the invention in HETEROCYCLIC COMPOUNDS AND USES THEREOF for which an application for a Patent of the United States has been filed.

- which is identified by Jones Day docket no. 12928-156-999 (CAM 765398-999156)
- which was filed on March 18, 2015, Application No. 14/661,656

and WHEREAS, Infinity Pharmaceuticals, Inc., a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 780 Memorial Drive, Cambridge, MA 02139, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I, the ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my signature.

Date OA - 11 - ,2017 Semarajannair Janardasahnair

STATE OF MANIESCE) SS.:	
On /// /w//w/7 before me, ///// SE/N/ S Japardanannair, personally known to me on the basis of satisfactory evidence within instrument and acknowledged to me that he/she/they executed the s his/her/their signature(s) on the instrument the person(s), or the entity upon behalf	e to be the person(s) whose name(s) is/are subscribed to the same in his/her/their authorized capacity(ies), and that by
WITNESS my hand and official seal Signature (Seal	D LEENA SRINIVAS RODO Puto Compresso de Rodo
ACCEPTED AND AGREED TO BY ASSIGNEE, Infinity Pharmaceuticals, In	nc.: Date: <u>May 19, 2012</u>
Printed name SettsTasker Title VP, beneal Course	.

WHEREAS, I, Andre Lescarbeau, citizen of the United States, having a mailing address of 99 Porter Street, #1, Somerville, MA 02143, residing at Somerville, MA, ASSIGNOR, am the inventor of the invention in HETEROCYCLIC COMPOUNDS AND USES THEREOF for which an application for a Patent of the United States has been filed.

- which is identified by Jones Day docket no. 12928-156-999 (CAM 765398-999156)
- which was filed on March 18, 2015, Application No. 14/661,656

and WHEREAS, Infinity Pharmaceuticals, Inc., a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 780 Memorial Drive, Cambridge, MA 02139, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I, the ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my signature.

Date <u>03 78</u>	.2017 <u>Andre Lessarbesu</u>	L.S.
Date 04/04/17	Witness I - Signature	
Date <u>04/04/17</u>	Witness 1 - Printed Name Witness 2 - Signature Clizabeth H Kelley	
	Witness 2 - Printed Name	

ACCEPTED AND AGREED TO BY ASSIGNEE, Infinity Pharmacouticals	, Inc.:
Signature SHHH	Date: <u> </u>
Printed name <u>Setti Taske</u>	
Title UP beneal Coursel	

WHEREAS, I, Tao Liu, citizen of the United States, having a mailing address of 11 Frost Circle, Wellesley, MA 02482, residing at Wellesley, MA, ASSIGNOR, not the inventor of the invention in HETEROCYCLIC COMPOUNDS AND USES THEREOF for which an application for a Patent of the United States has been filed.

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- ₩ which was filed on March 18, 2015, Application No. 14/661,656

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I, the ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement.

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Date _	3-22		L.:
Date	3-22-17	Witness I - Signature	
Date	3-22-(J.	Matthew R. Medeiros Witness I - Printed Name	ENGENOESSEX
		Witness 2 - Signature Oea jam in Lam Witness 2 - Printed Name	

ς.

ACCEPTED AND AGREED TO BY ASSIGNEE, Infinity Pharmaceuticals, Inc.:					
La de la Languagna de la companya del la companya de la companya d	ne: <u>Alay 19, 2017</u>				
Printed name Sella Tuske					
THE UP beaut Courses					

WHEREAS, I, Martin R. Tremblay, citizen of the United States, having a mailing address of 47 Heywood Avenue, Melrose, MA 02176, residing at Melrose, MA, ASSIGNOR, am the inventor of the invention in HETEROCYCLIC COMPOUNDS AND USES THEREOF for which an application for a Patent of the United States has been filed.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set onposite my signature.

Date	03/28 ,2017	Darl	LS.
		Martin R. Tremblay	
Date	03 28 17	Jua Julya Viiness I - Signature TIVA TALREJA	
Date	03/28/17	Witness 1 - Printed Name Witness 2 - Signature Witness 2 - Printed Name	

ACCEPTED AND AGREED TO BY ASSIGNEE, Infinity Pharmaceuticals, Inc.:						
Signature SUUD	Date: 444142017					
Printed name SEHA TUSKE	. S ection of the section of the se					
Tille V? Veneral Counsel						

Page 2 of 2

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RECORDED: 05/24/2017

PATENT REEL: 042491 FRAME: 0667