PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VENKAT RAO GADHACHANDA	03/11/2016
QIUPING WANG	03/11/2016
GODWIN PAIS	03/11/2016
AKIHIRO HASHIMOTO	03/11/2016
DAWEI CHEN	03/11/2016
XIANGZHU WANG	03/11/2016
ATUL AGARWAL	03/11/2016
MILIND DESHPANDE	03/14/2016
JASON ALLAN WILES	03/11/2016
AVINASH S. PHADKE	03/11/2016

RECEIVING PARTY DATA

Name:	ACHILLION PHARMACEUTICALS, INC.	
Street Address:	300 GEORGE STREET	
City:	NEW HAVEN	
State/Country:	CONNECTICUT	
Postal Code:	06511	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16276139

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: | 12033-006US4

505535427 REEL: 049536 FRAME: 0867

PAIENI

NAME OF SUBMITTER:	BRENT R. BELLOWS		
SIGNATURE:	/Brent R. Bellows/		
DATE SIGNED:	06/20/2019		
Total Attachments: 12			
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PATENT REEL: 049536 FRAME: 0868 WHEREAS, we, Venkat Rao Gadhachanda, of Hamden, CT; Qiuping Wang, of Bethany, CT; Godwin Pais, of Hamden, CT, Akihiro Hashimoto, of Branford, CT; Dawei Chen, of Guilford, CT; Xiangzhu Wang, of Branford, CT; Atul Agarwal, of Hamden, CT; Milind Deshpande, of Madison, CT; Jason Allan Wiles, of Madison, CT; and Avinash S. Phadke, of Branford, CT; have invented certain new and useful improvements disclosed in a patent application, titled "Aryl, Heteroaryl, and Heterocyclic Compounds for Treatment of Complement Mediated Disorders," filed in the United States Patent and Trademark Office on February 25, 2015 and assigned U.S. Application No. 14/631,625, and in a PCT Patent Application titled "Aryl, Heteroaryl, and Heterocyclic Compounds for Treatment of Complement Mediated Disorders," filed in the United States Patent and Trademark Office acting as the Receiving Office on February 25, 2015 and assigned PCT. Application No. PCT/US2015/017593 (hereinafter collectively referred to as the "Applications").

WHEREAS, **Achillion Pharmaceuticals, Inc.** ("Assignee"), a business entity organized and existing under the laws of the State of Delaware, and having its principal offices at 300 George Street, New Haven, CT 06511, is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and applications and in and to the Letters Patent to be obtained therefrom.

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we, Venkat Rao Gadhachanda, Qiuping Wang, Godwin Pais, Akihiro Hashimoto, Dawei Chen, Xiangzhu Wang, Atul Agarwal, Milind Deshpande, Jason Allan Wiles, and Avinash S. Phadke by these presents do sell, assign, and transfer to Achillion Pharmaceuticals, Inc. the full, exclusive, and entire right, title, and interest in and to said Applications, and in and to all inventions and improvements disclosed and described in said Applications, as well as all know-how derived during the development of, and directed to, the inventions and improvements disclosed and described in said Applications.

Page 1 of 12

For the same consideration, we, by these presents, do sell, assign, and transfer to Achillion Pharmaceuticals, Inc. the full, exclusive, and entire right, title, and interest in and to any U.S. nonprovisional or foreign application or applications corresponding to said Applications, in whole or in part, and to any Letters Patent and similar protective rights granted on said U.S. nonprovisional or foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said U.S. nonprovisional or foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations, including to all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents; said U.S. nonprovisional or foreign applications to be filed and issued in the name of Achillion Pharmaceuticals, Inc. or its designee insofar as permitted by applicable law;

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN WITNESS WHEREOF, WE have hereunto set our hands and affixed our seal as dated below.

Page 2 of 12

Date: 03/11/2016	Gulao-
	Venkat Rao Gadhachanda
STATE OF CONORCHOOT	
Before me, a Notary Publi	c in and for the State of Convolot, on this
11 Hay of Harah, 2	016, personally appeared Venkat Rao Gadhachanda,
who, being duly sworn, signed and ackn	owledged the foregoing Assignment as his/her free act
and deed.	
(SEAL)	
	Klai LOGO NOTARY PUBLIC
	My Commission Expires: Novemby まり、2019

Date: 3/11/16	Gay Way
Date,	Qioping Wang
STATE OF COOKENEST	\
Before me, a Notary Public i	n and for the State of Corechest, on this
11 May of Harak, 201	6, personally appeared Qiuping Wang, who, being
duly sworn, signed and acknowledged the fo	oregoing Assignment as his/her free act and deed.
(SEAL)	
	NOTARY PUBLIC
	My Commission Expires: November 30, 2019

Date: <u>Mah.h 11, 2016</u>	4
	Godwin Pais
STATE OF Connecticust	
Before me, a Notary Public is	n and for the State of Concerts, on this
Nith day of HOLAh , 2016	, personally appeared Godwin Pais, who, being duly
sworn, signed and acknowledged the forego	ing Assignment as his/her free act and deed.
(SEAL)	
	NOTARY PUBLIC
	My Commission Expires: November 30,2019

Date: May 11.2016	11.40to
	Akihiro Hashimoto
STATE OF Connected	
Before me, a Notary Public i	n and for the State of Conschot, on this
. 8	16, personally appeared Akihiro Hashimoto, who,
	ed the foregoing Assignment as his/her free act and
deed.	
(SEAL)	NOTARY PUBLIC
	My Commission Expires: NOYEmby 30,201

Date: 3//1/2016	Dawei Chen
STATE OF <u>Convection</u> Before me, a Notary Publi	c in and for the State of <u>Caspechest</u> , on this
11 Hay of March 20	016, personally appeared Dawei Chen , who, being duly going Assignment as his/her free act and deed.
(SEAL)	NOTARY PUBLIC
	My Commission Expires: November 30,2014

Date: 3/11/2016	Xiangzha Wang
STATE OF Connecticit	•
11 Hay of March 201	in and for the State of Conschool , on this 6, personally appeared Xiangzhu Wang , who, being oregoing Assignment as his/her free act and deed.
(SEAL)	NOTARY PUBLIC
	My Commission Expires: NOVEMber 30, 201

Date: 03/11/2016	A. Agasas el
	Atul Agarwal
STATE OF Cannecticat	
Before me, a Notar	y Public in and for the State of Caroechect. on this
	, 2016, personally appeared Atul Agarwal, who, being
	ged the foregoing Assignment as his/her free act and deed.
(SEAL)	
e H	Kei hage
	NOTARY PUBLIC
	My Commission Expires: NDVen Du 35 251

Date:3 14/16	Millind Deshpande
14 th day of (17) 10h , 20	n and for the State of <u>Canadata</u> , on this 16, personally appeared Milind Deshpande , who, ed the foregoing Assignment as his/her free act and
(SEAL)	NOTARY PUBLIC My Commission Expires: November 30, 2019

Date: 3/11/16	Jason-Allan Wiles
What day of Harak.	blic in and for the State of <u>ANDAL</u> on this 2016, personally appeared Jason Allan Wiles , who, being the foregoing Assignment as his/her free act and deed.
(SEAL)	NOTARY PUBLIC My Commission Expires: <u>NOYEMBOL 30,</u> 2019



U.S. Patent Application No. 14/631,625 PCT Patent Application No. PCT/US2015/017593

Date: 3 : 11-	2016 ASPhadha
	Avinash S. Phadke
STATE OF <u>C</u>	<u>onecticat</u>
B	efore me, a Notary Public in and for the State of Contols.
11th day of	بر ماد باد ماد کار کی
being duly swo	n, signed and acknowledged the foregoing Assignment as his/her free act and
deed.	
(SEAL)	
	NOTARY PUBLIC
4.	
	My Commission Expires: <u>VOYEmber 35 必</u>

Page 12 of 12

PATENT REEL: 049536 FRAME: 0880

RECORDED: 06/20/2019