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PATENT ASSIGNMENT COVER SHEET

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06/28/2017

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
JASON D. BRUBAKER		06/20/2017
JOSEPH L. KIM		06/20/2017
KEVIN J. WILSON		06/20/2017
DOUGLAS WILSON		06/20/2017

DOUGLAS WILSON

LUCIAN V. DIPIETRO

RECEIVING PARTY DATA

Name:	BLUEPRINT MEDICINES CORPORATION
Street Address:	38 SIDNEY STREET
Internal Address:	SUITE 200
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139

PROPERTY NUMBERS Total: 2

Property Type	Number
PCT Number:	US2016059879
Application Number:	15340428

CORRESPONDENCE DATA

Fax Number: (202)408-4400 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: regional-desk@finnegan.com

Correspondent Name:	FINNEGAN LLP
Address Line 1:	901 NEW YORK AVENUE, NW
Address Line 4:	WASHINGTON, D.C. 20001-4413

ATTORNEY DOCKET NUMBER:	14320.0011-00304
NAME OF SUBMITTER:	YASUKO NAKAGAMI-SHER
SIGNATURE:	/Yasuko Nakagami-Sher/
DATE SIGNED:	07/19/2017
Total Attachments: 8	

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ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, the undersigned Jason D. Brubaker of 26 Seiarappa Street, Unit 1, Cambridge, MA 02141, United States of America, and Joseph L. Kim of 20 Green Way, Wayland, MA 01778, United States of America, and Kevin J. Wilson of 27 Beryl Street, Boston, MA 02131, United States of America, and Douglas Wilson of 33 Mulberry Circle, Ayer, MA 01432, United States of America, and Lucian V. DiPietro of 37 Centennial Avenue, Gloucester, MA 01930, United States of America, hereinafter referred to as said Assignor, hereby:

Sell, assign and transfer to **BLUEPRINT MEDICINES CORPORATION**, a Delaware corporation having a place of business at **38 Sidney Street**, **Suite 200**, **Cambridge**, **Massachusetts 02139**, its successors, assigns and legal representatives, all hereinafter referred to as said Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the International Application for Patent filed in the United States Patent and Trademark Office as the Receiving Office of the World Intellectual Property Organization in accordance with the Patent Cooperation Treaty (PCT) on:

November 1, 2016 ENTER FILSE DATE ABOVE under Application Serial No. PCT/US2016/059879 and entitled INHIBITORS OF RET.

and/or in an application for Letters Patent filed in the United States Patent and Trademark Office on:

	November 1, 2016	
	ENTER FILING DATE ABOVE	
under Application Serial No.	15/340428	and
entitlec	I INHIBITORS OF RET	4 19

and in and to said application and all continuing, divisional, continuation-in-part, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said any and all inventions including U.S. provisional application filed on November 2, 2015 under Application Serial No. 62/249784 and entitled INHIBITORS OF RET, and U.S. provisional application filed on July 28, 2016 under Application Serial No. 62/367960 and entitled INHIBITORS OF RET, and Argentina

PATENT REEL: 043047 FRAME: 0088 Application with a filing date of **November 1**, 2016 under Application No. 20160103332, and Taiwan Application with a filing date of **November 1**, 2016 under Application No. 105135376; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries, on said any and all inventions including the right to apply for patent rights in each foreign country and all rights to priority; and further including any right to sue for past infringement;

Appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

Agree that said Assignee may apply for and receive Letters Patent for said any and all inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said any and all inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to relating to said any and all inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said any and all inventions and for vesting title to said any and all inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

Said Assignce does hereby acknowledge and accept the above sale, assignment and transfer of all the rights, title and interest enumerated above, including but not limited to the right to priority and the right to sue for past infringement.

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Jason D. Brubaker

Date:

United States of America) State of <u>Massachuse HS</u>) ss.: County of <u>Middle Sex</u>)

22/77

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On this 20^{m} day of 30^{m} , 20^{m} , before me personally came Jason D. Brubaker , to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

* Gm/ Notary Public



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PATENT REEL: 043047 FRAME: 0090

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Joseph L. Kim

Date: 20 June 2017

United States of America) State of <u>Massachusetts</u>) ss.: County of <u>Middle Sex</u>

On this 20^{∞} day of 30^{0} , 2017, before me personally came Joseph L. Kim , to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

101 Notary Public

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Kevin J. Wilson

Date: June 20th 2017

United States of America) State of <u>Massachuse #5</u>) ss.: County of <u>Midd 10 Sex</u>

On this 20^{tr} day of 30^{tr} , 20^{tr} , before me personally came Kevin J. Wilson to me known to be the individual

described in and who executed the foregoing instrument, and acknowledged execution of the same. A

FLOR M. LEANDRE Notary Public WONWEALTH OF MASSACHUSETTS My Commission Expires April 2, 2021

Notary-Publie Şeş iye. 1224

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Douglas Wilson

June 2017, 2017 Date:

United States of America) State of Massachusetts) ss.: County of Middlesex)

On this 20^{M} day of 0^{M} , 20^{M} , before me personally came Douglas Wilson , to me known to be the individual

described in and who executed the foregoing instrument, and acknowledged execution of the same.

	FLOR M. LEANDRE
1 28	Notary Public
11 12 1	COMMONWEALTH OF MASSACHUSETTS
3\\\$\$ /\$	My Commission Expires
Sec. 1	April 2, 2021

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Lucian V. DiPietro

Date: JUNE 28, 2017

United States of America) State of $MA \leq CACHUSETTS$) ss.: County of $M_1 NN \leq E \leq X$

On this 2 day of $\underline{\int c_n \varrho}$, $\underline{\langle O \rangle}$, before me personally came Lucian V. DiPietro, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Mary Public

ALEASE L. HIGGINS Notary Public XNNACHINEALTH OF MASSACHUSETTS My Commission Expires June 22, 2023

ASSIGNEE hereby accepts receipt of the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS.

	BLUEPRINT MEDICINES CORPORATION
June 28, 2017	- Grey Ma
Date	Signature (
	Tracey L. McCin Printed Name of Signor
	EVP Child Legeland Comphane Officer Title Authority of Signor
United States of America State of <u>Massach</u> County of <u>Middless</u>) (<u>seff:s</u>) ss.: <i>13PUC</i> (x)
On this $2\beta^{H_{h}}$ day of personally came $7Fgcey$ described in and who executed the f of the same.	$\underline{\mathcal{Ture}}$, $\underline{\mathcal{207}}$, before me $\underline{\mathcal{LUCCain}}$, to me known to be the individual coregoing instrument, and acknowledged execution
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RECORDED: 07/19/2017

FLOR M. LEANDRE Notery Public COMMONWEALTH OF MASSACHUSETTS

My Commission Expires April 2, 2021