

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT OF JOINT INTEREST WITH ASSIGNOR
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BAYLOR COLLEGE OF MEDICINE	05/06/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KYOTO UNIVERSITY
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<b>City:</b>	SAKYO-KU, KYOTO-SHI, KYOTO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	606-8501
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14310339
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	115529.00015
<b>NAME OF SUBMITTER:</b>	JANICE V. RICE
<b>SIGNATURE:</b>	/Janice V. Rice/
<b>DATE SIGNED:</b>	05/14/2019
<b>Total Attachments: 7</b>	
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**PATENT ASSIGNMENT**

This PATENT ASSIGNMENT ("Assignment"), is made by BAYLOR COLLEGE OF MEDICINE, a university existing under the laws of Texas, and having a principal place of business at One Baylor Plaza, Houston, TX 77030, herein referred to as "BAYLOR."

1. The inventors of the inventions for

**COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS**

for which applications for a Patent of the United States have been executed

which is identified by Squire Patton Boggs (US) LLP docket no. 115529.00034

which was filed on February 2, 2007, Application No. 60/887,994

which is identified by Squire Patton Boggs (US) LLP docket no. 115529.00035

which was filed on December 7, 2007, Application No. 61/012,310

which is identified by Squire Patton Boggs (US) LLP docket no. 115529.00006

which was filed on February 1, 2008, Application No. 12/024,530

assigned their individual rights, titles and interests in and to the inventions and above-referenced applications to BAYLOR through various assignments recorded at the U.S. Patent and Trademark Office on June 20, 2008 at reel/frame 021124/0930.

2. One or more of such assignments in Section 1 above were mistaken since they did not provide for joint ownership by BAYLOR and KYOTO UNIVERSITY, a research institute organized and existing under the laws of Japan, and having a principal place of business at 36-1, YOSHIDA-HONMACHI, SAKYO-KU, KYOTO-SHI, KYOTO, JAPAN 606-8501, herein referred to as "KYOTO."
3. BAYLOR desires that each of BAYLOR and KYOTO (collectively, the "JOINT ASSIGNEES") jointly own an equal, undivided right, title and interest in the inventions and applications in Schedule A, which include those in Section 1 above, notwithstanding all prior assignments which may or may not be consistent with such desire. Schedule A is affixed hereto.

### ASSIGNMENT

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, BAYLOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the JOINT ASSIGNEES, their successors, legal representatives and assigns, BAYLOR's entire right, title and interest in and to the inventions and applications in Schedule A, and in and to any and all applications claiming priority thereto including all divisionals, renewals, continuations, continuations-in-part, reissues, and extensions thereof; and including any and all Letters Patent in the United States which may be or have been granted thereon and all reissues, reexaminations, and extensions thereof; all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed or have been filed for the inventions and applications in Schedule A 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 the applications 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, including all divisionals, renewals, continuations, reissues, and extensions thereof; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted or have been granted for the Jointly Owned Applications in any country or countries foreign to the United States, and all divisionals, renewals, continuations, reissues, and extensions thereof; where all of the foregoing, collectively, are referred to as the "Jointly Owned Applications"; for each JOINT ASSIGNEE's use and benefit and the use and benefit of their respective successors, legal representatives and assigns, to the full end of the term or terms for which the Jointly Owned Applications may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by BAYLOR, such that the JOINT ASSIGNEES hereby jointly own an equal, undivided right, title and interest to all of the Jointly Owned Applications.

BAYLOR hereby authorizes and requests the Commissioner of Patent and Trademarks and any other similar government authority to record each JOINT ASSIGNEE as a joint owner of the Jointly Owned Applications; and hereby authorizes and requests the Commissioner of Patent and Trademarks to issue the Jointly Owned Applications to JOINT ASSIGNEES, as JOINT ASSIGNEES of the Jointly Owned Applications, for the sole use and benefit of JOINT ASSIGNEES jointly, and their respective successors, legal representatives and assigns.

IN TESTIMONY WHEREOF, BAYLOR and KYOTO, hereunto set their hands and seal the day and year set opposite each signature.

Date 5/6/19

[Signature] L.S.  
(BAYLOR COLLEGE OF MEDICINE)

ADAM KUSPA SVP  
(Printed name and title)

Date \_\_\_\_\_

Witness (sign and print name)

Date \_\_\_\_\_

Witness (sign and print name)

Date Apr. 17, 2019

[Signature] L.S.  
(KYOTO UNIVERSITY)

Shinji ASONUMA  
Director, Office of Society-Academia Collaboration for Innovation,  
Kyoto University

\_\_\_\_\_  
(Printed name and title)

Date Apr. 17, 2019

[Signature]  
Witness (sign and print name) Senji Yamamoto

Date Apr. 17, 2019

[Signature]  
Witness (sign and print name) Hanako Minami

APPROVED AS TO FORM  
Contents of the General Counsel  
Baylor College of Medicine  
By \_\_\_\_\_

SCHEDULE A

Docket No.	Patent Application Title	Application Serial Nos (Patent No., if applicable)	Date Filed	Issue Date
115529.00034	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	60/887,994	02/02/2007	N/A
115529.00035	COMPOSITIONS AND METHODS RELATED TO TREATMENT OF METABOLIC DISORDERS	61/012,310	12/07/2007	N/A
115529.00006	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	12/024,530 (8,207,196)	02/01/2008	06/26/2012
115529.00052	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	PCT/US2008/052778	02/01/2008	N/A
115529.00087	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	2008214095 Australia	02/01/2008	10/23/2014
115529.00008	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	2,677,264 Canada	02/01/2008	N/A
115529.00009	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	20088008035.2 (101674730) China	02/01/2008	09/10/2014
115529.00010	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	08728809.8 (EP2120580) Europe	02/01/2008	12/27/2017
115529.00065	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	08728809.8 (EP2120580) Germany	02/01/2008	12/27/2017
115529.00066	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	08728809.8 (EP2120580) France	02/01/2008	12/27/2017
115529.00067	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	08728809.8 (EP2120580) Great Britain	02/01/2008	12/27/2017

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Docket No.	Patent Application Title	Application Serial Nos (Patent No., if applicable)	Date Filed	Issue Date
115529.00011	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	5198/DEPNP/2009 (286619) India	02/01/2008	08/24/2017
115529.00012	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	2009-348468 (5461197) Japan	02/01/2008	01/24/2014
115529.00013	COMPOSITIONS AND METHODS RELATED TO TREATMENT OF METABOLIC DISORDERS	2014-005460 (5878937) Japan	02/01/2008 (01/15/2014)	05/02/2016
115529.00033	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC AND BODY WEIGHT RELATED DISORDERS	PCT/US14/53334	08/29/2014	N/A
115529.00023	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC AND BODY WEIGHT RELATED DISORDERS	2014312227 Australia	08/29/2014	N/A
115529.00024	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC AND BODY WEIGHT RELATED DISORDERS	2922703 Canada	08/29/2014	N/A
115529.00025	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC AND BODY WEIGHT RELATED DISORDERS	201480058587.X China	08/29/2014	N/A
115529.00026	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC AND BODY WEIGHT RELATED DISORDERS	14841043.4 Europe	08/29/2014	N/A
115529.00027	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC AND BODY WEIGHT RELATED DISORDERS	201617010501 India	08/29/2014	N/A

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Docket No.	Patent Application Title	Application Serial Nos (Patent No., if applicable)	Date Filed	Issue Date
115529.00028	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC AND BODY WEIGHT RELATED DISORDERS	2016-537878 Japan	08/29/2014	N/A
115529.00059	METHODS AND COMPOSITIONS FOR THE TREATMENT OF BODY WEIGHT RELATED DISORDERS	15/436,591	02/17/2017	N/A
115529.00021	METHODS AND COMPOSITIONS FOR THE TREATMENT OF BODY WEIGHT RELATED DISORDERS	14/270,130 (9,233,941)	05/05/2014	01/12/2016
115529.00022	METHODS AND COMPOSITIONS FOR THE TREATMENT OF BODY WEIGHT RELATED DISORDERS	14/991,518	01/08/2016	N/A
115529.00014	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	13/484,685 (8,778,976)	05/31/2012	07/15/2014
115529.00015	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	14/310,339 (9,212,179)	06/20/2014	12/15/20015
115529.00016	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	13/484,702 (8,927,578)	05/31/2012	01/06/2015
115529.00017	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC AND RELATED DISORDERS	14/013,918 (9,085,566)	08/29/2013	07/21/2015
115529.00018	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC AND RELATED DISORDERS	14/799,720	07/15/2015	N/A
115529.00019	METHODS AND COMPOSITIONS FOR THE TREATMENT OF CANCER AND RELATED HYPERPROLIFERATIVE DISORDERS	14/052,074 (9,187,485)	10/11/2013	11/17/2015
115529.00020	METHODS AND COMPOSITIONS FOR THE TREATMENT OF CANCER AND RELATED HYPERPROLIFERATIVE DISORDERS	14/940,584 (9,713,613)	11/13/2015	07-25-2017
115529.00068	METHODS AND COMPOSITIONS FOR THE TREATMENT OF CANCER AND RELATED HYPERPROLIFERATIVE DISORDERS	15/658,211	07/24/2017	N/A

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Docket No.	Patent Application Title	Application Serial Nos (Patent No., if applicable)	Date Filed	Issue Date
115529.00004	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	15/061,961	03/04/2016	N/A
115529.00039	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	15/163,666	05/24/016	N/A
115529.00070	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	15/803,666	11/03/2017	N/A
115529.00071	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS	15/803,655	11/03/2017	N/A