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PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | | NEW ASSIGNMENT | | |
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| NATURE OF CONVEYAN | ICE: | ASSIGNMENT | | |
| CONVEYING PARTY D | ΑΤΑ | | | |
| | | Name | Execution Date | |
| MIZUKI WATANABE | | | 04/09/2019 | |
| RECEIVING PARTY DA | ТА | | | |
| Name: | κγοτο ι | JNIVERSITY | | |
| Street Address: | 36-1, YO | SHIDA-HONMACHI | | |
| City: | SAKYO-ł | KU, KYOTO-SHI, KYOTO | | |
| State/Country: | JAPAN | | | |
| Postal Code: | 66-8501 | | | |
| PROPERTY NUMBERS | Total: 1 | | | |
| Property Type | | Number | | |
| Application Number: | 14 | 4940584 | | |
| CORRESPONDENCE D | ΔΤΔ | | | |
| CONNESPONDENCE D | | | | |
| Fax Number: | (4 | 15)393-9887 | | |
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ASSIGNMENT

WHEREAS, I, Mizuki Watanabe, ASSIGNOR, citizen of Japan, residing at Kyoto University Housing 11-412, Gokasho Kanyuchim Uji-shi, Kyoto, Japan 611-0011, in relation to the inventions for the applications listed in Schedule A affixed hereto;

and WHEREAS **KYOTO UNIVERSITY**, a research institution organized and existing under the laws of Japan, having an office for transaction of business at 36-1, YOSHIDA-HONMACHI, SAKYO-KU, KYOTO-SHI, KYOTO, JAPAN, 606-8501, herein referred to as "ASSIGNEE," is desirous of obtaining my entire right, title and interest in, to and under the inventions and the applications in Schedule A.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the inventions, and the applications in Schedule A and all divisionals, renewals, continuations, reissues, and extensions thereof, and including all Patents of the United States which may be or have been 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 hereafter be filed or have been filed for the inventions 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 in Schedule A 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 applications are 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 or have been granted for the inventions in any country or countries foreign to the United States, the applications of the country in which any such applications are 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 or have been granted for the inventions in any country or countries foreign to the United States and all divisionals, renewals, continuations, reissues, and extensions thereof

AND I HEREBY authorize and request the Commissioner for Patents of the United States 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 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 ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting the inventions, 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 ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the inventions in all countries.

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|--------------|---|---|------------|-------------|
| Docket No. | Patent Application Title | Application Serial 1905 (Patent No., if applicable) | Date Filed | Issue Date |
| 115529.00033 | COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC AND BODY WEIGHT RELATED DISORDERS | PCT/US14/53334 | 08/29/2014 | N/A |
| 115529.00015 | COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS | 14/310,339 (9,212,179) | 06/20/2014 | 12/15/20015 |
| 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 |
| 115529.00021 | METHODS AND COMPOSITIONS FOR THE TREATMENT OF BODY WEIGHT RELATED DISORDERS | 14/270,130 (9,233,941) | 05/05/2014 | 01/12/2016 |
| 115529.00020 | METHODS AND COMPOSITIONS FOR THE TREATMENT OF CANCER AND RELATED HYPERPROLIFERATIVE DISORDERS | 14/940,584 | 11/13/2015 | 7/25/2017 |
| 115529.00022 | METHODS AND COMPOSITIONS FOR THE TREATMENT OF BODY WEIGHT RELATED DISORDERS | 14/991,518 | 01/08/2016 | N/A |
| 115529.00004 | METHODS AND COMPOSITIONS FOR THE TREATMENT OF BODY WEIGHT RELATED DISORDERS | 15/061,961 | 03/04/2016 | N/A |
| 115529.00039 | METHODS AND COMPOSITIONS FOR THE TREATMENT OF BODY WEIGHT RELATED DISORDERS | 15/163,666 | 05/24/2016 | N/A |

| SCHEDULE A <u>Intellectual Property - Assignment</u> |
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| Docket No. | Patent Application Title | Application Serial 1905 (Patent No., if applicable) | Date Filed | Issue Date |
| 115529.00070 | METHODS AND COMPOSITIONS FOR THE TREATMENT OF BODY WEIGHT RELATED DISORDERS | 15/803,666 | 11/03/2017 | N/A |
| 115529.00071 | METHODS AND COMPOSITIONS FOR THE TREATMENT OF BODY WEIGHT RELATED DISORDERS | 15/803,655 | 11/03/2017 | N/A |
| 115529.00059 | METHODS AND COMPOSITIONS FOR THE TREATMENT OF BODY WEIGHT RELATED DISORDERS | 15/436,591 | 02/17/2017 | N/A |
| 115529.00068 | METHODS AND COMPOSITIONS FOR THE TREATMENT OF CANCER AND RELATED HYPERPROLIFERATIVE DISORDERS | 15/658,211 | 07/24/2017 | 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 |
| 115529.00028 | COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC AND BODY WEIGHT RELATED DISORDERS | 2016-537878 Japan | 08/29/2014 | N/A |
| | Page 3 of 4 | | | |

Attorney Docket No. 115529.00061

Date <u>Apr. 9, 2019</u> Witness (sign and print name) Senji Yamamoto Mizuki Watanabe Witness (sign and print name) Minami

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

Page 4 of 4

PATENT REEL: 050108 FRAME: 0539

RECORDED: 08/20/2019