

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5077816

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRIAN LOBO	02/28/2018
DEBORAH GOLDBERG	02/28/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MEDIMMUNE, LLC
<b>Street Address:</b>	ONE MEDIMMUNE WAY
<b>City:</b>	GAITHERSBURG
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20878
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15907876
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)305-1228
<i>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.</i>	
<b>Phone:</b>	612-305-2476
<b>Email:</b>	dschurmann@mrgs.com
<b>Correspondent Name:</b>	NANCY A. JOHNSON
<b>Address Line 1:</b>	MUETING, RAASCH & GEBHARDT, P.A.
<b>Address Line 2:</b>	111 THIRD AVE S, SUITE 350
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55401
<b>ATTORNEY DOCKET NUMBER:</b>	490.00050101
<b>NAME OF SUBMITTER:</b>	NANCY A. JOHNSON
<b>SIGNATURE:</b>	/Nancy A. Johnson/
<b>DATE SIGNED:</b>	08/01/2018
<b>Total Attachments: 4</b>	
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source=Executed-Assignments-Lobo-Goldberg#page4.tif	

ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT is made as of the 28 February 2018 (the "Effective Date") by and between

Brian Lobo, a United States citizen of MedImmune, LLC, One MedImmune Way, Gaithersburg, Maryland, 20878 and Deborah Goldberg, a United States citizen of 6219 Sutton Court, Elkridge, Maryland 21075 ("Assignors"); and

MEDIMMUNE LLC, a limited liability company formed under the laws of the State of Delaware, whose post office address is One MedImmune Way, Gaithersburg, Maryland 20878, the United States of America ("Assignee").

WHEREAS

- A. Assignors have made certain inventions (the "Inventions") in respect of which U.S. Patent Application No. 15/907,876 was filed 28 February 2018, International Patent Application No. PCT/US2018/020264 was filed on 28 February 2018, and U.S. Provisional Patent Application No. 62/465,379 was filed on 01 March 2017 (the "Applications").
- B. Assignee wishes to secure the entire right, title and interest in and to the Inventions and to the Applications.

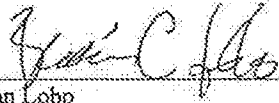
NOW THEREFORE IT IS HEREBY AGREED AS FOLLOWS:

- 1. In consideration of payments made by Assignee to Assignors, receipt of which is hereby acknowledged, the Assignors hereby confirm that they have assigned, and in so far as there may be any outstanding rights that have not been assigned to the Assignee do hereby assign, with full title guarantee, free from all and any charges or other third party rights, to Assignee absolutely all their right, title and interest in and to the Inventions, the Applications and any patents or applications derived therefrom; any divisions, continuations and continuations-in-part thereof; any re-issues, re-examinations, or extensions thereof; all rights to claim priority on the basis of the Applications and any patents or applications derived therefrom; and the right to file patent applications derived from the Applications directly in the name of Assignee or an affiliated company of Assignee (in countries or regions where such filings are permissible) (collectively, the "Rights"), whether now existing or hereafter arising, to the full end of the term for which the Rights have been granted, reissued, re-examined or extended. Assignors warrant that the Rights are unencumbered. Assignors acknowledge that Assignee shall have the rights to further assign or otherwise transfer any or all of the Rights to any third party and Assignors waive any right of first refusal that they may have for acquiring such Rights.
- 2. Assignors each hereby agree with Assignee that their assignment to Assignee includes, but is not limited to, any and all causes of action, claims, demands or other rights, occasioned from or because of any and all past and future infringement of any of the Rights, including all rights to recover damages, profits and injunctive relief for infringement of any of the Rights.
- 3. Assignors each hereby agree with Assignee that they shall, at the expense of Assignee, execute and sign all such lawful instruments, applications and documents and do all such lawful acts and things as may reasonably be required by Assignee to enable Assignee or its successors, nominees or assigns to:
  - a) secure the vesting of the Rights in Assignee or in its successors, nominees or assigns;
  - b) defeat any challenge to the validity of and resolve any questions concerning the Rights; and
  - c) apply for, prosecute and obtain patent or similar protection in the United States and all other countries of the world for an invention embodied by the Rights, including the right to claim convention priority from such Patents and including, without limitation, cooperating in any proceedings involving examinations, re-examinations, reissues, opposition and cancellation proceedings, interferences, infringement proceedings, court actions and the like.

4. Assignor hereby authorizes the United States Commissioner of Patents and Trademarks and, as appropriate, the corresponding officials of other countries, to record this Assignment.

5. This assignment shall be governed by and construed in accordance with the laws of the State of Delaware and the parties hereby submit to the exclusive jurisdiction of the Delaware courts.

Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment any further information necessary for recordation of this document.

  
\_\_\_\_\_  
Brian Lobo

\_\_\_\_\_  
Deborah Goldberg

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- B. Assignee wishes to secure the entire right, title and interest in and to the Inventions and to the Applications.

NOW THEREFORE IT IS HEREBY AGREED AS FOLLOWS:

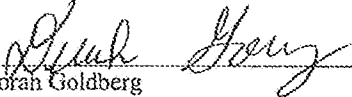
1. In consideration of payments made by Assignee to Assignors, receipt of which is hereby acknowledged, the Assignors hereby confirm that they have assigned, and in so far as there may be any outstanding rights that have not been assigned to the Assignee do hereby assign, with full title guarantee, free from all and any charges or other third party rights, to Assignee absolutely all their right, title and interest in and to the Inventions, the Applications and any patents or applications derived therefrom; any divisions, continuations and continuations-in-part thereof; any re-issues, re-examinations, or extensions thereof; all rights to claim priority on the basis of the Applications and any patents or applications derived therefrom; and the right to file patent applications derived from the Applications directly in the name of Assignee or an affiliated company of Assignee (in countries or regions where such filings are permissible) (collectively, the "Rights"), whether now existing or hereafter arising, to the full end of the term for which the Rights have been granted, reissued, re-examined or extended. Assignors warrant that the Rights are unencumbered. Assignors acknowledge that Assignee shall have the rights to further assign or otherwise transfer any or all of the Rights to any third party and Assignors waive any right of first refusal that they may have for acquiring such Rights.
2. Assignors each hereby agree with Assignee that their assignment to Assignee includes, but is not limited to, any and all causes of action, claims, demands or other rights, occasioned from or because of any and all past and future infringement of any of the Rights, including all rights to recover damages, profits and injunctive relief for infringement of any of the Rights.
3. Assignors each hereby agree with Assignee that they shall, at the expense of Assignee, execute and sign all such lawful instruments, applications and documents and do all such lawful acts and things as may reasonably be required by Assignee to enable Assignee or its successors, nominees or assigns to:
  - a) secure the vesting of the Rights in Assignee or in its successors, nominees or assigns;
  - b) defeat any challenge to the validity of and resolve any questions concerning the Rights; and
  - c) apply for, prosecute and obtain patent or similar protection in the United States and all other countries of the world for an invention embodied by the Rights, including the right to claim convention priority from such Patents and including, without limitation, cooperating in any proceedings involving examinations, re-examinations, reissues, opposition and cancellation proceedings, interferences, infringement proceedings, court actions and the like.

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Brian Lobo

  
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Deborah Goldberg