

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALESSANDRO SETTE	08/10/2015
CECILIA ARLEHAMM	08/10/2015
BJOERN PETERS	08/10/2015
HOWARD GREY	08/21/2015
JOHN SIDNEY	08/10/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY
<b>Street Address:</b>	9420 ATHENA CIRCLE
<b>City:</b>	LA JOLLA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92037
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13632281
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	051501-0439043
<b>NAME OF SUBMITTER:</b>	ROBERT M. BEDGOOD
<b>SIGNATURE:</b>	/Robert M. Bedgood/
<b>DATE SIGNED:</b>	11/11/2015
<b>Total Attachments: 3</b>	

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**ASSIGNMENT**

WHEREAS, we, ALESSANDRO SETTE, residing at 5551 Linda Rosa Avenue, La Jolla, CA 92037; CECILIA ARLEHAMM, residing at 399 Stratford Court, Apt. #233, Del Mar, CA 92014; BJOERN PETERS, residing at 4827 Bayard Street, San Diego, CA 92109; HOWARD GREY, residing at 1461 Caminito Batea, La Jolla, CA 92037, JOHN SIDNEY, residing 4218 Corte de la Siena, San Diego, CA 92130, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on October 1, 2012, which application was assigned U.S. patent application serial number 13/632,281, and is entitled ANTIGENS AND EPITOPES DERIVED FROM MYCOBACTERIUM TUBERCULOSIS;

AND WHEREAS, LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY, existing under and by virtue of the laws of the State of California, and having an office and place of business at 9420 Athena Circle, La Jolla, CA 92037 (hereinafter "Assignee"), is desirous of acquiring the entire right, priority right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

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 have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application including the right to claim priority, and in and to the said application, all divisions, continuations, continuations-in-part, renewals or substitutes thereof, all Letters Patent which may be granted therefrom, and all reissues, re-examinations or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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 sold, 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 or encumbrance affecting the rights and property herein conveyed has been or will be made to others by us that would conflict with this assignment, and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of AUGUST, 2015.

  
ALESSANDRO SETTE

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of AUGUST, 2015.

  
CECILIA ARLEHAMM  
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IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of AUGUST, 2015.

  
BJOERN PETERS


Docket No: 051501-0439043  
Serial Number : 13/632,281  
Filing Date : October 1, 2012  
Page 3 of 3

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of  
AUGUST, 2015.

  
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HOWARD GREY

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of  
AUGUST, 2015.

  
\_\_\_\_\_  
JOHN SIDNEY