

## 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>
KIYONORI KATSURAGI	05/22/2014
MASATAKA TOGASHI	05/27/2014
TETSUYA ODA	05/22/2014
RYUTA ITO	05/22/2014
CHIE KAWAGUCHI	05/22/2014
YOKO SAIJO	05/23/2014
DAISUKE KOGA	05/23/2014
MAKOTO MATSUMOTO	05/23/2014
MAMORU FUJIWARA	05/23/2014
KENJI ONO	05/23/2014
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<b>Postal Code:</b>	1018535
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14378922
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	Q213843

PATENT

<b>NAME OF SUBMITTER:</b>	BETSY BAI, NEW APPLICATIONS SPECIALIST
<b>SIGNATURE:</b>	/Betsy Bai/
<b>DATE SIGNED:</b>	08/15/2014
<b>Total Attachments: 4</b> source=Q213843AssignmentExecuted#page1.tif source=Q213843AssignmentExecuted#page2.tif source=Q213843AssignmentExecuted#page3.tif source=Q213843AssignmentExecuted#page4.tif	

Attorney Docket No.:

JOINT INVENTION  
(U.S. Rights Only)

**ASSIGNMENT**

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

**ANTI-LIPOARABINOMANNAN ANTIBODY AND IMMUNOASSAY FOR ACID-FAST  
BACILLARY INFECTION USING THE ANTIBODY**

for which we executed an application for United States Letters Patent concurrently  
herewith or on or filed an application for United States Letters  
Patent on (Application No. ); and

WHEREAS, **OTSUKA PHARMACEUTICAL CO., LTD.**, a corporation of Japan, whose post office address is 9, Kanda-Tsukasamachi 2-chome, Chiyoda-ku, Tokyo 1018535, Japan. (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 14/378,922 , filed August 14, 2014 ) the filing date and application number of said application when known.

Attorney Docket No.:

IN TESTIMONY WHEREOF, we have hereunto set our hands.

**First Assignor**

Assignor Name: **Kiyonori KATSURAGI**

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Date: 2014, May. 22

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**Third Assignor**

Assignor Name: **Tetsuya ODA**

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Date: 2014, May. 22

**Fourth Assignor**

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Signature: Ryuta Ito

Date: 2014, May. 22

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**Fifth Assignor**

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Date: 2014. May. 22

**Sixth Assignor**

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Date: 2014. May. 23

**Seventh Assignor**

Assignor Name: **Daisuke KOGA**

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Date: 2014. May. 23

**Eighth Assignor**

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**Ninth Assignor**

Assignor Name: **Mamoru FUJIWARA**

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Citizenship: Japan

Signature: Mamoru Fujiwara

Date: 2014 May 23

**Tenth Assignor**

Assignor Name: **Kenji ONO**

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Citizenship: Japan

Signature: Kenji Ono

Date: 2014 May 23