

## 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>
TAKUYA MIZUNO	11/21/2016
KAZUHA SHOSU	11/21/2016
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15320412
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<b>SIGNATURE:</b>	/Robert Kinberg/
<b>DATE SIGNED:</b>	12/20/2016
<b>Total Attachments: 2</b>	
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source=07375_001US1_Executed_Assignment#page2.tif	

ASSIGNMENT  
OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Takuya MIZUNO of Yamaguchi, and Kazuha SHOSU, of Yamaguchi, both of Japan, referred to (collectively) as the Assignor, has invented a certain improvement relating to ANTI-CANINE PD-1 ANTIBODY OR ANTI-CANINE PD-L1 ANTIBODY, which said Assignor has caused an application for United States Letters Patent to be prepared,

- said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_, as Application Serial No. \_\_\_\_\_.
- said application having been filed under the Patent Cooperation Treaty on 08 July 2015, as Application No. PCT/JP2015/003444 the United States of America being designated.

AND WHEREAS NIPPON ZENYAKU KOGYO CO., LTD., 1-1, Aza Tairanoue, Sasagawa, Asaka-machi, Korivama-shi, Fukushima 9630196 Japan, hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said Assignee to said Assignor, the receipt of which is hereby acknowledged, said Assignor hereby assigns, sells, and transfers to said Assignee, and said Assignee's successors and assigns, the entire and exclusive right, title, and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof; said Assignee and said Assignee's successors and assigns, to have, hold, exercise, and enjoy the said application, including any all divisions and continuations thereof, and the said invention and any all patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges, and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said Assignee and said Assignee's successors and assigns in as ample and beneficial a manner as the said Assignor might or could have held and enjoyed the same if this Assignment had not been made.

AND said Assignor hereby agrees to perform, upon the request of said Assignee, or said Assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application and on any and all divisions and continuations thereof to said Assignee and said Assignee's successors and assigns, in accordance herewith.

AND the Assignor hereby grants the firm FisherBroyles, LLP the power to insert on this assignment any identifying information, including application number, and filing and execution dates, and to correct errors in spelling of names, addresses and dates which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed.

EXECUTED this 21<sup>st</sup> day of November, 2016.

ASSIGNOR:

Signature:   
Name: Takuya MIZUNO

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

WITNESS:

Signature: \_\_\_\_\_

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Page 2 of 2

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

EXECUTED this 21 day of November 2016.

ASSIGNOR:

Signature: Kazuha Shosu.  
Name: Kazuha SHOSU

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

CUSTOMER NO.: 39564  
FisherBroyles, LLP