505497647 05/29/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5544451

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATORU KONNAI	03/15/2019
KAZUHIKO OHASHI	03/19/2019
SHIRO MURATA	03/19/2019
TOMOHIRO OKAGAWA	03/19/2019
ASAMI NISHIMORI	03/20/2019
NAOYA MAEKAWA	03/19/2019
YASUHIKO SUZUKI	03/18/2019
CHIE NAKAJIMA	03/18/2019

RECEIVING PARTY DATA

Name:	NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY	
Street Address:	KITA 8-JYO NISHI 5-CHOME, KITA-KU	
City:	SAPPOROSHI, HOKKAIDO	
State/Country:	JAPAN	
Postal Code:	0600808	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16325150

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	5237.003US1
NAME OF SUBMITTER:	KERRI WRIGHT
SIGNATURE:	/KERRI WRIGHT/
DATE SIGNED:	05/29/2019

PATENT REEL: 049304 FRAME: 0556

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Total Attachments: 11 source=5237003US1RecordationCS_Inv_National#page1.tif source=5237003US1RecordationCS_Inv_National#page2.tif source=5237003US1RecordationCS_Inv_National#page3.tif source=5237003US1RecordationCS_Inv_National#page4.tif source=5237003US1RecordationCS_Inv_National#page5.tif source=5237003US1RecordationCS_Inv_National#page6.tif source=5237003US1RecordationCS_Inv_National#page7.tif source=5237003US1RecordationCS_Inv_National#page8.tif source=5237003US1RecordationCS_Inv_National#page9.tif source=5237003US1RecordationCS_Inv_National#page9.tif source=5237003US1RecordationCS_Inv_National#page10.tif source=5237003US1RecordationCS_Inv_National#page11.tif

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 5237.003US1 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: National University Corporation Hokkaido Satoru Konnai, Kazuhiko Ohashi, Shiro Murata, University Tomohiro Okagawa, Asami Nishimori, Naoya Maekawa, Yasuhiko Suzuki, Chie Nakajima Street Address: Kita 8-jyo Nishi 5-chome, Kita-ku Additional name(s) of conveying party(ies) attached? City: Sapporoshi, Hokkaido, 0600808 Country: Japan []Yes [X]No Additional name(s) & address(es) attached? []Yes [X]No 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: March 15, 2019, March 19, 2019, March 19, 2019, March 19, 2019, March 19, 2019, March 18, 2019, March 18, 2019 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 16/325,150 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ <u>0.00</u> Name: Monique M. Perdok []Enclosed []Authorized to be charged to deposit account 19-Address: 0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, Minnesota 55402 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Monique M. Perdok/Reg. No. 42,989 Name of Person Signing Signature Total number of pages including cover sheet: 11

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, Satoru Konnai, Kazuhiko Ohashi, Shiro Murata, Tomohiro Okagawa, Asami Nishimori, Naoya Maekawa, Yasuhiko Suzuki and Chie Nakajima (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention"); as described in the patent application filed on February 12, 2019, assigned US application serial number 16/325,150, and titled ANTI-LAG-3 ANTIBODY as described in a patent application filed on August 10, 2017 assigned PCT application serial number PCT/JP2017/029057; and as described in a patent application filed on August 15, 2016 assigned Japanese application serial number 2016-159091.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to National University Corporation Hokkaido University (the "Assignee"), having a place of business at Kita 8-jyo Nishi 5-chome, Kita-ku, Sapporoshi, Hokkaido 0600808, Japan, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any

Assignment
Assignors: Satoru Konnai et al.
Title: ANTI-LAG-3 ANTIBODY
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information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignment
Assignors: Satoru Konnai et al.
Title: ANTI-LAG-3 ANTIBODY
Page 3 of 10

Docket No: 5237,003US1 Client Ref. No. FP-223PCT-US

Assignor:

(Signature):

Name: Satoru Konnai

City/State: Sapporoshi, Hokkaido, Japan

Date:

3/15/2019

Assignment
Assignors: Satoru Konnai et al.
Title: ANTI-LAG-3 ANTIBODY
Page 4 of 10

Docket No: 5237,003US1 Client Ref. No. FP-223PCT-US

Assignor:

(Signature):

Name: Kazuhiko Ohashi

City/State: Sapporoshi, Hokkaido, Japan

Date:

PATENT

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Assignment
Assignors: Satoru Konnai et al.
Title: ANTI-LAG-3 ANTIBODY
Page 5 of 10

Docket No: 5237.003US1 Client Ref. No. FP-223PCT-US

Assignor:

(Signature):

Name: Shiro Murata

City/State: Sapporoshi, Hokkaido, Japan

Date:

3/19/2019

Assignment Assignors: Satoru Konnai et al. Title: ANTI-LAG-3 ANTIBODY Page 6 of 10 Docket No: 5237,003US1 Client Ref. No. FP-223PCT-US

Assignor:

(Signature):

Tomohiro Olcagama

Name: Tomohiro Okagawa

City/State: Sapporoshi, Hokkaido, Japan

Date:

3/19/2019

Assignment Assignors: Satoru Konnai et al. Title: ANTI-LAG-3 ANTIBODY Page 7 of 10 Docket No: 5237,003US1 Client Ref. No. FP-223PCT-US

Assignor:

(Signature):

Asami Nishimori

Name: Asami Nishimori

City/State: Sapporoshi, Hokkaido, Japan

Date:

3/20/2019

Assignment
Assignors: Satoru Konnai et al.
Title: ANTI-LAG-3 ANTIBODY
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Docket No: 5237.003US1 Client Ref. No. FP-223PCT-US

Assignor:

(Signature):

Naoya Maekawa

Name: Naoya Maekawa

City/State: Sapporoshi, Hokkaido, Japan

Date:

3/19/2019

Assignment
Assignors: Satoru Konnai et al,
Title: ANTI-LAG-3 ANTIBODY
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Docket No: 5237,003US1 Client Ref. No. FP-223PCT-US

Assignor:

(Signature):

Name: Yasuhiko Suzuki

City/State: Sapporoshi, Hokkaido, Japan

Date:

Assignment
Assignors: Satoru Konnai et al.
Titlo: ANTI-LAG-3 ANTIBODY
Page 10 of 10

Docket No: 5237,003US1 Client Ref. No. FP-223PCT-US

Assignor:

(Signature):

Chie Nakajima

Name: Chie Nakajima

City/State: Sapporoshi, Hokkaido, Japan

Date:

3/13/2019

PATENT REEL: 049304 FRAME: 0568

RECORDED: 05/29/2019