

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKAHISA MATSUDA	09/23/2018
TAKASHI MOTOYAJI	09/12/2018
SHUJI KITAMURA	09/14/2018
MASATO YOSHIDA	09/07/2018
RECEIVING PARTY DATA	
Name:	TAKEDA PHARMACEUTICAL COMPANY LIMITED
Street Address:	1-1, DOSHOMACHI 4-CHOME, CHUO-KU
City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	5408645
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16065362
CORRESPONDENCE DATA	
Fax Number:	(312)222-0818
<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>	
Phone:	312-222-0800
Email:	chiipdocket@michaelbest.com
Correspondent Name:	MICHAEL BEST & FRIEDRICH LLP
Address Line 1:	444 W. LAKE ST.
Address Line 2:	SUITE 3200
Address Line 4:	CHICAGO, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	212819-9001-US01
NAME OF SUBMITTER:	TODD S. HOFMEISTER
SIGNATURE:	/todd s. hofmeister/
DATE SIGNED:	10/15/2018
Total Attachments: 4	
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ASSIGNMENT

Pursuant to my obligation to TAKEDA PHARMACEUTICAL COMPANY LIMITED (hereinafter referred to as "Assignee"), a Japanese corporation, having its principal place of business at:

1-1, Doshomachi 4-chome, Chuo-ku
Osaka-shi, Osaka 5408645
JAPAN

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, I:

Takahisa Matsuda
1-19-4, Mirokuji, Fujisawa-shi
Kanagawa 2510016
JAPAN

Takashi Motoyaji
c/o TAKEDA PHARMACEUTICAL COMPANY LIMITED
26-1, Muraoka-Higashi 2-chome, Fujisawa-shi
Kanagawa 2510012
JAPAN

Shuji Kitamura
c/o TAKEDA PHARMACEUTICAL COMPANY LIMITED
26-1, Muraoka-Higashi 2-chome, Fujisawa-shi
Kanagawa 2510012
JAPAN

Masato Yoshida
c/o TAKEDA PHARMACEUTICAL COMPANY LIMITED
26-1, Muraoka-Higashi 2-chome, Fujisawa-shi
Kanagawa 2510012
JAPAN

("Assignor") confirm my obligation to and hereby irrevocably transfer, assign and convey unto Assignee, and its successors and assigns, my entire worldwide right, title, and interest, free and clear of all liens, encumbrances or other obligations:

(1) in and to the inventions and subject matter described, depicted, claimed, or otherwise disclosed ("the Inventions") in the patent application titled "MEDICINE" for which I filed United States Patent Application No. 16/065,362 on June 22, 2018 (Atty. File No. 212819-9001-US01) (hereinafter the "U.S. patent application"), which is a United States 35 U.S.C. § 371

national phase application of International Application No. PCT/JP2016/088121, which claims priority to Japanese Application No. 2015-253809, filed December 25, 2015;

(2) in and to the U.S. patent application and all other patent applications now or hereafter filed in the United States of America (including, without limitation, any non-provisional, divisional, continuation, continuation-in-part, reexamination, and reissue applications) based upon the Inventions or claiming the benefit of or priority to the U.S. patent application or any other patent application assigned under this Assignment, including all rights of priority based on such applications and the right to file such applications in the name of the Assignee, and any and all patents granted thereon to the full end of the term or terms for which said patents may be granted;

(3) in and to all patent applications or other applications of any kind or nature relating to the protection of intellectual and industrial property rights, now or hereafter filed in countries foreign to the United States of America, based upon the Inventions or claiming the benefit of or priority to the U.S. patent application or any other patent application assigned under this Assignment, including all rights of priority based on such applications and the right to file such applications in the name of the Assignee, and any and all patents granted thereon to the full end of the terms for which said patents may be granted;

(4) in and to all patent applications or other applications of any kind or nature relating to the protection of intellectual and industrial property rights now or hereafter filed under the Paris Convention for the Protection Of Industrial Property, the Patent Cooperation Treaty, and all other international conventions, agreements, treaties or laws relating to the protection of intellectual and industrial property based upon the Inventions or claiming the benefit of or priority to the U.S. patent application or any other patent application assigned under this Assignment, including all rights of priority based on such applications and the right to file such applications in the name of the Assignee, and any and all patents granted thereon to the full end of the terms for which said patents may be granted;

(5) in and to all rights of any kind whatsoever of Assignors accruing before, on, or after the dates of execution below under any of the foregoing provisions provided by applicable law of any jurisdiction, by international treaties and conventions, and otherwise throughout the world, acknowledging that some rights may have already accrued to the Assignee under such applicable laws; and

(6) any and all claims and causes of action, with respect to any of the foregoing, whether accruing before, on, or after the dates of execution below, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, misappropriation, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

Assignor hereby agrees that Assignor will, upon demand of Assignee, its successors, assigns, or legal representatives, and without further consideration to Assignor, execute any and all papers and do all other lawful acts that may be deemed necessary by Assignee, its successors, assigns, or legal representatives, to complete fulfillment of the intent and purposes of this Assignment in any country throughout the world. Any expenses incident to the execution of such papers and performance of such acts shall be paid by the Assignee, its successors, assigns, or legal representatives.

Assignor hereby authorizes and requests the Commissioner of the United States Patent and Trademark Office and the appropriate official of any foreign patent or intellectual property office to issue all patents as shall be granted upon the assigned patent applications to Assignee, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DATED: September 23, 2018

Takahisa Matsuda
Takahisa Matsuda

Witness #1:

Witness #2:

Printed Name

Printed Name

Signature

Signature

Date

Date

DATED: September 12, 2018

Witness #1:

Printed Name

Signature

Date

元屋地 孝士
Takashi Motoyaji

Witness #2:

Printed Name

Signature

Date

DATED: September 14, 2018

Witness #1:

Printed Name

Signature

Date

Shuji Kitamura
Shuji Kitamura

Witness #2:

Printed Name

Signature

Date

DATED: September 7, 2018

Witness #1:

Haruyo KONDO

Printed Name

Haruyo Kondo
Signature

September 7, 2018
Date

Masato Yoshida
Masato Yoshida

Witness #2:

Misa KIYOHARA

Printed Name

清原 美沙
Signature

September 7, 2018
Date