

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5820696

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TOSHITAKE KOBAYASHI	08/09/2019
MORIHISA SAITOH	09/17/2019
YASUFUMI WADA	08/14/2019
NOBUYUKI NEGORO	08/22/2019
MASASHI YAMASAKI	08/21/2019
TAKAHIRO TANAKA	08/26/2019
NAOMI KITAMOTO	08/15/2019
RECEIVING PARTY DATA	
Name:	TAKEDA PHARMACEUTICAL COMPANY LIMITED
Street Address:	1-1, DOSHOMACHI 4-CHOME
City:	CHUO-KU, OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	541-0045
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16331962
CORRESPONDENCE DATA	
Fax Number:	(202)672-5399
<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:	2026725300
Email:	kstrawderman@foley.com, ipdocketing@foley.com
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ATTORNEY DOCKET NUMBER:	084437-0299
NAME OF SUBMITTER:	STEPHEN B. MAEBIUS
SIGNATURE:	/Stephen B. Maebius/
DATE SIGNED:	11/14/2019

PATENT

Total Attachments: 16

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

TAKEDA PHARMACEUTICAL COMPANY LIMITED
1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

CYCLIC COMPOUND

as set forth in this United States Patent Application

Check executed concurrently herewith
one executed on _____
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and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining

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and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

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NAME AND SIGNATURE OF INVENTOR

Name: Toshitake KOBAYASHI SIGNATURE 小林俊威 Date August 9, 2019

NAME AND SIGNATURE OF WITNESSES

Name: SIGNATURE _____ Date _____

Name: SIGNATURE _____ Date _____

NAME AND SIGNATURE OF INVENTOR

Name: Morihisa SAITOH SIGNATURE _____ Date _____

NAME AND SIGNATURE OF WITNESSES

Name: SIGNATURE _____ Date _____

Name: SIGNATURE _____ Date _____

NAME AND SIGNATURE OF INVENTOR

Name: Yasufumi WADA SIGNATURE _____ Date _____

NAME AND SIGNATURE OF WITNESSES

Name: SIGNATURE _____ Date _____

Name: SIGNATURE _____ Date _____

NAME AND SIGNATURE OF INVENTOR

Name: Nobuyuki NEGORO SIGNATURE _____ Date _____

NAME AND SIGNATURE OF WITNESSES

Name: SIGNATURE _____ Date _____

Name: SIGNATURE _____ Date _____

Note: *Prima facie* evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

NAME AND SIGNATURE OF INVENTOR

Name: Masashi YAMASAKI SIGNATURE 山崎 将司 Date August 21, 2019

NAME AND SIGNATURE OF WITNESSES

Name: SIGNATURE _____ Date _____

Name: SIGNATURE _____ Date _____

NAME AND SIGNATURE OF INVENTOR

Name: Takahiro TANAKA SIGNATURE 田中 崇裕 Date August 26, 2019

NAME AND SIGNATURE OF WITNESSES

Name: SIGNATURE _____ Date _____

Name: SIGNATURE _____ Date _____

NAME AND SIGNATURE OF INVENTOR

Name: Naomi KITAMOTO SIGNATURE _____ Date _____

NAME AND SIGNATURE OF WITNESSES

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Name: Masashi YAMASAKI SIGNATURE _____ Date _____

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Name: Takahiro TANAKA SIGNATURE _____ Date _____

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Name: Toshitake KOBAYASHI SIGNATURE _____ Date _____

NAME AND SIGNATURE OF WITNESSES

Name: SIGNATURE _____ Date _____

Name: SIGNATURE _____ Date _____

NAME AND SIGNATURE OF INVENTOR

Name: Morihisa SAITOH SIGNATURE _____ Date _____

NAME AND SIGNATURE OF WITNESSES

Name: SIGNATURE _____ Date _____

Name: SIGNATURE _____ Date _____

NAME AND SIGNATURE OF INVENTOR

Name: Yasufumi WADA SIGNATURE Yasufumi Wada Date August 14, 2019

NAME AND SIGNATURE OF WITNESSES

Name: SIGNATURE _____ Date _____

Name: SIGNATURE _____ Date _____

NAME AND SIGNATURE OF INVENTOR

Name: Nobuyuki NEGORO SIGNATURE Nobuyuki Negoro Date August 22, 2019
N.N. 8/22/2019 August 22, 2019
N.N. 8/22/2019

NAME AND SIGNATURE OF WITNESSES

Name: Yuko FUJIMORI SIGNATURE 藤森 侑子 Date August 22, 2019

Name: Misa KIYOHARA SIGNATURE 清原 美沙 Date August 22, 2019

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