

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUICHI KAJITA	06/30/2021
YUHEI MIYANOHANA	06/30/2021
TATSUKI KOIKE	07/07/2021
YASUTAKA HOASHI	06/30/2021
YASUSHI HATTORI	07/02/2021
NORIHITO TOKUNAGA	06/30/2021
DILHUMAR UYGHUR	07/06/2021
YOSHITERU ITO	06/30/2021
KOHEI TAKEUCHI	06/30/2021
KEISUKE IMAMURA	06/30/2021
TAKAHIRO SUGIMOTO	06/30/2021
TSUNEO ODA	06/27/2021
TOHRU MIYAZAKI	06/26/2021

RECEIVING PARTY DATA

Name:	TAKEDA PHARMACEUTICAL COMPANY LIMITED
Street Address:	1-1, DOSHOMACHI 4-CHOME, CHUO-KU
Internal Address:	OSAKA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	541-0045

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17413473

CORRESPONDENCE DATA

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jyando@sternekessler.com**PATENT**

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NAME OF SUBMITTER: JOSHUA G. MCCOY , REG. NO. 70307

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DATE SIGNED: 10/21/2021

Total Attachments: 15

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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

HETEROCYCLIC COMPOUND

as set forth in this United States Patent Application

Check executed concurrently herewith
one executed on _____
 Serial No. _____ Filed _____
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,

NAME AND SIGNATURE OF INVENTOR

Name: Tatsuki KOIKE SIGNATURE Tatsuki Koike Date Jul. 1, 2021

NAME AND SIGNATURE OF WITNESSES

Name: SIGNATURE _____ Date _____

Name: SIGNATURE _____ Date _____

NAME AND SIGNATURE OF INVENTOR

Name: Yasutaka HOASHI SIGNATURE Yasutaka Hoashi Date Jun. 30, 2021

NAME AND SIGNATURE OF WITNESSES

Name: SIGNATURE _____ Date _____

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NAME AND SIGNATURE OF INVENTOR

Name: Yasushi HATTORI SIGNATURE Yasushi Hattori Date Jul. 2, 2021

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NAME AND SIGNATURE OF INVENTOR

Name: Norihito TOKUNAGA SIGNATURE Norihito Tokunaga Date Jun. 30, 2021

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NAME AND SIGNATURE OF INVENTOR

Name: Tsuneo ODA SIGNATURE _____ Date _____

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Name: Tohru MIYAZAKI SIGNATURE _____ Date _____

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NAME AND SIGNATURE OF INVENTOR

Name: Dilhumar UYGHUR SIGNATURE Dilhumar UYGHUR Date ^{Jul} ~~Jul~~ 06, 2021

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Name: SIGNATURE _____ Date _____

Name: SIGNATURE _____ Date _____

NAME AND SIGNATURE OF INVENTOR

Name: Yoshiteru ITO SIGNATURE Yoshiteru Ito Date Jun. 30, 2021

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Name: SIGNATURE _____ Date _____

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NAME AND SIGNATURE OF INVENTOR

Name: Kohei TAKEUCHI SIGNATURE Kohei Takeuchi Date Jul. 30, 2021

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NAME AND SIGNATURE OF INVENTOR

Name: Keisuke IMAMURA SIGNATURE Keisuke Imamura Date June 30, 2021

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Name: SIGNATURE _____ Date _____

Name: SIGNATURE _____ Date _____

NAME AND SIGNATURE OF INVENTOR

Name: Takahiro SUGIMOTO SIGNATURE Takahiro Sugimoto Date Jun. 30, 2021

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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.

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TAKEDA PHARMACEUTICAL COMPANY LIMITED
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(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

HETEROCYCLIC COMPOUND

as set forth in this United States Patent Application

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NAME AND SIGNATURE OF INVENTOR

Name: Tsuneo ODA SIGNATURE Tsuneo Oda Date June 27, 2021

NAME AND SIGNATURE OF WITNESSES

Name: SIGNATURE _____ Date _____

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NAME AND SIGNATURE OF INVENTOR

Name: Tohru MIYAZAKI SIGNATURE _____ Date _____

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NAME AND SIGNATURE OF INVENTOR

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Name: Tsuneo ODA SIGNATURE _____ Date _____

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NAME AND SIGNATURE OF INVENTOR

Name: Tohru MIYAZAKI SIGNATURE *Tohru Miyazaki* Date Jun. 26, 2021

NAME AND SIGNATURE OF WITNESSES

Name: SIGNATURE _____ Date _____

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NAME AND SIGNATURE OF INVENTOR

Name: Dilhumar UYGHUR SIGNATURE _____ Date _____

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