

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5759869

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|---|---------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| TAKAHIRO SUGIMOTO | 08/20/2019 |
| SHINKICHI SUZUKI | 08/21/2019 |
| HIROKI SAKAMOTO | 08/20/2019 |
| MASAMI YAMADA | 09/13/2018 |
| MINORU NAKAMURA | 08/23/2019 |
| MAKOTO KAMATA | 08/20/2019 |
| KENICHIRO SHIMOKAWA | 09/30/2018 |
| MASAKI OGINO | 01/22/2019 |
| EIJI KIMURA | 08/20/2019 |
| MASATAKA MURAKAMI | 08/20/2019 |
| TAKUTO KOJIMA | 08/20/2019 |
| JINICHI YONEMORI | 08/20/2019 |
| 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: | 541-0045 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15769295 |
| CORRESPONDENCE DATA | |
| Fax Number: | (612)455-3801 |
| <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: | 612-455-3800 |
| Email: | pkerkhove@hsml.com |
| Correspondent Name: | HAM |
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| Address Line 2: | SUITE 2700 |

PATENT

| | |
|---|--------------------|
| Address Line 4: MINNEAPOLIS, MINNESOTA 55316 | |
| ATTORNEY DOCKET NUMBER: | 20039.0095USWO |
| NAME OF SUBMITTER: | DOUGLAS P. MUELLER |
| SIGNATURE: | /dpmueller/ |
| DATE SIGNED: | 10/08/2019 |
| Total Attachments: 14 source=Assignment_0095#page1.tif source=Assignment_0095#page2.tif source=Assignment_0095#page3.tif source=Assignment_0095#page4.tif source=Assignment_0095#page5.tif source=Assignment_0095#page6.tif source=Assignment_0095#page7.tif source=Assignment_0095#page8.tif source=Assignment_0095#page9.tif source=Assignment_0095#page10.tif source=Assignment_0095#page11.tif source=Assignment_0095#page12.tif source=Assignment_0095#page13.tif source=Assignment_0095#page14.tif | |

Docket No.

ASSIGNMENT OF PATENT APPLICATION

WHEREAS,

1. Takahiro SUGIMOTO residing at c/o Takeda Pharmaceutical Company Limited, 26-1, Muraoka-Higashi 2-chome, Fujisawa-shi, Kanagawa 251-0012 Japan and a citizen of Japan
2. Shinkichi SUZUKI residing at c/o Takeda Pharmaceutical Company Limited, 26-1, Muraoka-Higashi 2-chome, Fujisawa-shi, Kanagawa 251-0012 Japan and a citizen of Japan
3. Hiroki SAKAMOTO residing at c/o Takeda Pharmaceutical Company Limited, 26-1, Muraoka-Higashi 2-chome, Fujisawa-shi, Kanagawa 251-0012 Japan and a citizen of Japan
4. Masami YAMADA residing at c/o Takeda Pharmaceutical Company Limited, 26-1, Muraoka-Higashi 2-chome, Fujisawa-shi, Kanagawa 251-0012 Japan and a citizen of Japan
5. Minoru NAKAMURA residing at c/o Takeda Pharmaceutical Company Limited, 26-1, Muraoka-Higashi 2-chome, Fujisawa-shi, Kanagawa 251-0012 Japan and a citizen of Japan
6. Makoto KAMATA residing at c/o Takeda Pharmaceutical Company Limited, 26-1, Muraoka-Higashi 2-chome, Fujisawa-shi, Kanagawa 251-0012 Japan and a citizen of Japan
7. Kenichiro SHIMOKAWA residing at c/o Takeda Pharmaceutical Company Limited, 26-1, Muraoka-Higashi 2-chome, Fujisawa-shi, Kanagawa 251-0012 Japan and a citizen of Japan
8. Masaki OGINO residing at c/o Takeda Pharmaceutical Company Limited, 26-1, Muraoka-Higashi 2-chome, Fujisawa-shi, Kanagawa 251-0012 Japan and a citizen of Japan
9. Eiji KIMURA residing at c/o Takeda Pharmaceutical Company Limited, 26-1, Muraoka-Higashi 2-chome, Fujisawa-shi, Kanagawa 251-0012 Japan and a citizen of Japan
10. Masataka MURAKAMI residing at c/o Takeda Pharmaceutical Company Limited, 26-1, Muraoka-Higashi 2-chome, Fujisawa-shi, Kanagawa 251-0012 Japan and a citizen of Japan

11. Takuto KOJIMA residing at c/o Takeda Pharmaceutical Company Limited, 26-1, Muraoka-Higashi 2-chome, Fujisawa-shi, Kanagawa 251-0012 Japan and a citizen of Japan, and
12. Jinichi YONEMORI residing at c/o Takeda Pharmaceutical Company Limited, 26-1, Muraoka-Higashi 2-chome, Fujisawa-shi, Kanagawa 251-0012 Japan and a citizen of Japan

(hereinafter called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States for this invention which was filed on _____, entitled HETEROCYCLIC COMPOUND, and which has been given application serial number;

and

WHEREAS Takeda Pharmaceutical Company Limited (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign, and transfer to the ASSIGNEE, its successors, legal representative and assigns, the entire right, title and interest for the United States in and to the invention disclosed in said application, and in and to said application, as well as to all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for said invention to the ASSIGNEE of the entire right, title and interest in and to the same, in accordance with the terms of this instrument.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to the UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns, the entire right, title and interest in and to the said invention, patent applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the

rights and property herein conveyed has been or will be made to others by the UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by the UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Takahiro Sugimoto
1. Signature Takahiro SUGIMOTO

August 20, 2019
Date

Masaki Seto
Witness: Masaki Seto

August 20, 2019
Date

Kensuke Hidaka
Witness: Kensuke Hidaka

August 20, 2019
Date

Shinkichi Suzuki
2. Signature Shinkichi SUZUKI

August 21, 2019
Date

Junpei Aida
Witness: Junpei Aida

August 21, 2019
Date

Atsuko Ochida
Witness: Atsuko Ochida

Aug. 21, 2019
Date

Hiroki Sakamoto
3. Signature Hiroki SAKAMOTO

August 20, 2019
Date

Kohei Takeuchi
Witness: Kohei Takeuchi

August 20, 2019
Date

Taisuke Tawaraishi
Witness: Taisuke Tawaraishi

August 20, 2019
Date

4. Signature Masami YAMADA

Date

Witness: _____

Date

Witness: _____

Date

Minoru Nakamura
5. Signature Minoru NAKAMURA

August 23, 2019
Date

Kazuaki Takami
Witness: Kazuaki Takami

August 23, 2019
Date

Shinji Nakamura
Witness: Shinji Nakamura

August 23, 2019
Date

Makoto Kamata
6. Signature Makoto KAMATA

August 20, 2019
Date

Tom Kaku
Witness: TOMOHIRO KAKU

August 20, 2019
Date

Shinichi Masada
Witness: SHINICHI MASADA

August 20, 2019
Date

7. Signature Kenichiro SHIMOKAWA

Date

Witness:

Date

Witness:

Date

8. Signature Masaki OGINO

Date

Witness:

Date

Witness:

Date

Eiji Kimura
9. Signature Eiji KIMURA

August 20, 2019
Date

Nobuhiro Fujii
Witness: Nobuhiro Fujii

August 20, 2019
Date

Takeshi Yamamoto
Witness: Takeshi Yamamoto

August 20, 2019
Date

Masataka Murakami
10. Signature Masataka MURAKAMI

August 20, 2019
Date

Masaki Setoh
Witness: Masaki Setoh

August 20, 2019
Date

Takeshi Wakabayashi
Witness: Takeshi Wakabayashi

August 20, 2019
Date

Takuto Kojima
11. Signature Takuto KOJIMA

August 20, 2019
Date

Keisuke Inamura
Witness: Keisuke Inamura

August 20, 2019
Date

Michio Mochizuki
Witness: Michio Mochizuki

August 20, 2019
Date

12. Signature Jinichi YONEMORI

Date

Witness:

Date

Witness:

Date

Docket No.

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12. Jinichi YONEMORI residing at c/o Takeda Pharmaceutical Company Limited, 26-1, Muraoka-Higashi 2-chome, Fujisawa-shi, Kanagawa 251-0012 Japan and a citizen of Japan

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1. Signature Takahiro SUGIMOTO

Date

Witness:

Date

Witness:

Date

2. Signature Shinkichi SUZUKI

Date

Witness:

Date

Witness:

Date

3. Signature Hiroki SAKAMOTO

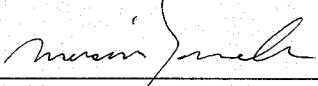
Date

Witness:

Date

Witness:

Date


4. Signature Masami YAMADA

September 13, 2018
Date

Witness:

Date

Witness:

Date

5. Signature Minoru NAKAMURA

Date

Witness:

Date

Witness:

Date

6. Signature Makoto KAMATA

Date

Witness:

Date

Witness:

Date

Kenichiro Shimokawa
7. Signature Kenichiro SHIMOKAWA

September 30, 2018
Date

Witness:

Date

Witness:

Date

Masaki Ogino
8. Signature Masaki OGINO

January 22, 2019
Date

Witness:

Date

Witness:

Date

9. Signature Eiji KIMURA

Date

Witness:

Date

Witness:

Date

10. Signature Masataka MURAKAMI

Date

Witness:

Date

Witness:

Date

11. Signature Takuto KOJIMA

Date

Witness:

Date

Witness:

Date

Jinichi Yonemori
12. Signature Jinichi YONEMORI

August 20, 2019
Date

Witness:

Date

Witness:

Date