

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5783938

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKAHARU HIRAYAMA	09/03/2019
YASUHIRO HIRATA	08/10/2019
YUSUKE TOMINARI	08/13/2019
NAOKI IWAMURA	02/19/2019
YUSUKE SASAKI	08/24/2019
MORITERU ASANO	08/22/2019
TERUFUMI TAKAGI	08/24/2019
MASANORI OKANIWA	08/07/2019
MASATO YOSHIDA	08/20/2019
SHINICHI IMAMURA	08/09/2019
RECEIVING PARTY DATA	
Name:	TAKEDA PHARMACEUTICAL COMPANY LIMITED
Street Address:	1-1, DOSHOMACHI 4-CHOME, CHUO-KU, OSAKA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	5410045
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16332993
CORRESPONDENCE DATA	
Fax Number:	(202)721-8250
<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:	2027218200
Email:	WLP@wenderoth.com
Correspondent Name:	WENDEROTH, LIND & PONACK, L.L.P.
Address Line 1:	1025 CONNECTICUT AVENUE NW
Address Line 2:	SUITE 500
Address Line 4:	WASHINGTON, D.C. 20036
ATTORNEY DOCKET NUMBER:	2019-0218A

PATENT

NAME OF SUBMITTER:	KELLY GREENE
SIGNATURE:	/KELLY GREENE/
DATE SIGNED:	10/23/2019
Total Attachments: 24 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page10.tif source=Assignment#page11.tif source=Assignment#page12.tif source=Assignment#page13.tif source=Assignment#page14.tif source=Assignment#page15.tif source=Assignment#page16.tif source=Assignment#page17.tif source=Assignment#page18.tif source=Assignment#page19.tif source=Assignment#page20.tif source=Assignment#page21.tif source=Assignment#page22.tif source=Assignment#page23.tif source=Assignment#page24.tif	

ASSIGNMENT

In consideration of good and valuable consideration paid to each of the undersigned

Insert
Name(s) of
Inventor(s)

Takaharu HIRAYAMA

Yasuhiro HIRATA

Yusuke TOMINARI

Naoki IWAMURA

Yusuke SASAKI

Moriteru ASANO

Terufumi TAKAGI

Masanori OKANIWA

Masato YOSHIDA

Shinichi IMAMURA

the undersigned hereby sell(s) and assign(s) to

Insert
Name(s) of
Assignee(s)
Address

TAKEDA PHARMACEUTICAL COMPANY LIMITED

of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan

Title of
Invention

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

HETEROCYCLIC AMIDE COMPOUND

The undersigned agree(s) to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the USPTO to issue any and all Letters Patents of the United States resulting from said application or any continuation, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and covenant(s) that the undersigned have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.

Executed by the undersigned on the date(s) opposite the undersigned name(s).

Takaharu HIRAYAMA September, 3, 2019
(Signature) Takaharu HIRAYAMA (Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Yasuhiro HIRATA (Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Yusuke TOMINARI (Date)

Witness (optional) _____

Witness (optional) _____

岩村 直輝
(Signature) Naoki IWAMURA

February 19, 2019
(Date)

Witness (optional) Haruyo Kondo
Haruyo KONDO

Witness (optional) 大藪 紀雄
Oyabu Norio

佐々木 勇介
(Signature) Yusuke SASAKI

August 24, 2019
(Date)

Witness (optional) Zenichi Ikeda
Zenichi IKEDA

Witness (optional) Nozomu Sakai
Nozomu Sakai

(Signature) Moriteru ASANO

(Date)

Witness (optional) _____

Witness (optional) _____

滝本 陽吉
(Signature) Terufumi TAKAGI

August 24, 2019
(Date)

Witness (optional) Aserashi Okabe
Aserashi Okabe

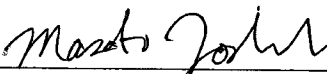
Witness (optional) Nao Morishita
Nao Morishita

(Signature) Masanori OKANIWA

(Date)

Witness (optional) _____


Witness (optional) _____




(Signature) Masato YOSHIDA

August 20, 2019

(Date)

Witness (optional) 

TAKU KAMEI

Witness (optional) 

MATTHEW REYNOLDS

(Signature) Shinichi IMAMURA

(Date)

Witness (optional) _____

Witness (optional) _____

The above application may be more particularly identified as follows:

U.S. Application Serial No.: _____
Applicant Reference Number: 203455-PCT

Filing Date: _____
Attorney Docket No. _____

ASSIGNMENT

In consideration of good and valuable consideration paid to each of the undersigned

Insert
Name(s) of
Inventor(s)

Takaharu HIRAYAMA

Yasuhiro HIRATA

Yusuke TOMINARI

Naoki IWAMURA

Yusuke SASAKI

Moriteru ASANO

Terufumi TAKAGI

Masanori OKANIWA

Masato YOSHIDA

Shinichi IMAMURA

Insert
Name(s) of
Assignee(s)
Address

the undersigned hereby sell(s) and assign(s) to

TAKEDA PHARMACEUTICAL COMPANY LIMITED

of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan

Title of
Invention

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

HETEROCYCLIC AMIDE COMPOUND

The undersigned agree(s) to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the USPTO to issue any and all Letters Patents of the United States resulting from said application or any continuation, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and covenant(s) that the undersigned have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.

Executed by the undersigned on the date(s) opposite the undersigned name(s).

(Signature) Takaharu HIRAYAMA (Date)

Witness (optional) _____

Witness (optional) _____

 _____
(Signature) Yasuhiro HIRATA (Date) 2019.8.10

Witness (optional) _____

Witness (optional) _____

(Signature) Yusuke TOMINARI (Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Naoki IWAMURA

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Yusuke SASAKI

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Moriteru ASANO

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Terufumi TAKAGI

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Masanori OKANIWA

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Masato YOSHIDA

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Shinichi IMAMURA

(Date)

Witness (optional) _____

Witness (optional) _____

The above application may be more particularly identified as follows:

U.S. Application Serial No.: _____
Applicant Reference Number: 203455-PCT

Filing Date: _____
Attorney Docket No. _____

ASSIGNMENT

In consideration of good and valuable consideration paid to each of the undersigned

Insert
Name(s) of
Inventor(s)

Takaharu HIRAYAMA

Yasuhiro HIRATA

Yusuke TOMINARI

Naoki IWAMURA

Yusuke SASAKI

Moriteru ASANO

Terufumi TAKAGI

Masanori OKANIWA

Masato YOSHIDA

Shinichi IMAMURA

Insert
Name(s) of
Assignee(s)
Address

the undersigned hereby sell(s) and assign(s) to

TAKEDA PHARMACEUTICAL COMPANY LIMITED

of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan

Title of
Invention

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

HETEROCYCLIC AMIDE COMPOUND

The undersigned agree(s) to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the USPTO to issue any and all Letters Patents of the United States resulting from said application or any continuation, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and covenant(s) that the undersigned have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.

Executed by the undersigned on the date(s) opposite the undersigned name(s).

(Signature) Takaharu HIRAYAMA _____ (Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Yasuhiro HIRATA _____ (Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Yusuke TOMINARI _____ (Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Naoki IWAMURA

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Yusuke SASAKI

(Date)

Witness (optional) _____

Witness (optional) _____

Moriteru Asano

(Signature) Moriteru ASANO

August 22, 2019

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Terufumi TAKAGI

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Masanori OKANIWA

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Masato YOSHIDA

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Shinichi IMAMURA

(Date)

Witness (optional) _____

Witness (optional) _____

The above application may be more particularly identified as follows:

U.S. Application Serial No.: _____
Applicant Reference Number: 203455-PCT

Filing Date: _____
Attorney Docket No _____

ASSIGNMENT

In consideration of good and valuable consideration paid to each of the undersigned

Insert
Name(s) of
Inventor(s)

Takaharu HIRAYAMA

Yasuhiro HIRATA

Yusuke TOMINARI

Naoki IWAMURA

Yusuke SASAKI

Moriteru ASANO

Terufumi TAKAGI

Masanori OKANIWA

Masato YOSHIDA

Shinichi IMAMURA

Insert
Name(s) of
Assignee(s)
Address

the undersigned hereby sell(s) and assign(s) to

TAKEDA PHARMACEUTICAL COMPANY LIMITED

of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan

Title of
Invention

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

HETEROCYCLIC AMIDE COMPOUND

The undersigned agree(s) to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the USPTO to issue any and all Letters Patents of the United States resulting from said application or any continuation, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and covenant(s) that the undersigned have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.

Executed by the undersigned on the date(s) opposite the undersigned name(s).

(Signature) Takaharu HIRAYAMA (Date)

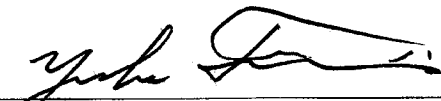
Witness (optional) _____

Witness (optional) _____

(Signature) Yasuhiro HIRATA (Date)

Witness (optional) _____

Witness (optional) _____


(Signature) Yusuke TOMINARI August, 13, 2019 (Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Naoki IWAMURA

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Yusuke SASAKI

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Moriteru ASANO

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Terufumi TAKAGI

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Masanori OKANIWA

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Masato YOSHIDA

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Shinichi IMAMURA

(Date)

Witness (optional) _____

Witness (optional) _____

The above application may be more particularly identified as follows:

U.S. Application Serial No.: _____
Applicant Reference Number: 203455-PCT

Filing Date: _____
Attorney Docket No _____

ASSIGNMENT

In consideration of good and valuable consideration paid to each of the undersigned

Insert
Name(s) of
Inventor(s)

Takaharu HIRAYAMA

Yasuhiro HIRATA

Yusuke TOMINARI

Naoki IWAMURA

Yusuke SASAKI

Moriteru ASANO

Terufumi TAKAGI

Masanori OKANIWA

Masato YOSHIDA

Shinichi IMAMURA

the undersigned hereby sell(s) and assign(s) to

Insert
Name(s) of
Assignee(s)
Address

TAKEDA PHARMACEUTICAL COMPANY LIMITED

of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan

Title of
Invention

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

HETEROCYCLIC AMIDE COMPOUND

The undersigned agree(s) to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the USPTO to issue any and all Letters Patents of the United States resulting from said application or any continuation, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and covenant(s) that the undersigned have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.

Executed by the undersigned on the date(s) opposite the undersigned name(s).

(Signature) Takaharu HIRAYAMA _____ (Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Yasuhiro HIRATA _____ (Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Yusuke TOMINARI _____ (Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Naoki IWAMURA

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Yusuke SASAKI

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Moriteru ASANO

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Terufumi TAKAGI

(Date)

Witness (optional) _____

Witness (optional) _____

Masanori Okaniwa

(Signature) Masanori OKANIWA

August, 7, 2019

(Date)

Witness (optional) *Alyssa A. Rogers*
Alyssa A. ROGERS

Witness (optional) *Akito Nakamura*
AKITO NAKAMURA

(Signature) Masato YOSHIDA

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Shinichi IMAMURA

(Date)

Witness (optional) _____

Witness (optional) _____

The above application may be more particularly identified as follows:

U.S. Application Serial No.: _____
Applicant Reference Number: 203455-PCT

Filing Date: _____
Attorney Docket No. _____

ASSIGNMENT

In consideration of good and valuable consideration paid to each of the undersigned

Insert
Name(s) of
Inventor(s)

Takaharu HIRAYAMA

Yasuhiro HIRATA

Yusuke TOMINARI

Naoki IWAMURA

Yusuke SASAKI

Moriteru ASANO

Terufumi TAKAGI

Masanori OKANIWA

Masato YOSHIDA

Shinichi IMAMURA

Insert
Name(s) of
Assignee(s)
Address

the undersigned hereby sell(s) and assign(s) to

TAKEDA PHARMACEUTICAL COMPANY LIMITED

of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan

Title of
Invention

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

HETEROCYCLIC AMIDE COMPOUND

The undersigned agree(s) to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the USPTO to issue any and all Letters Patents of the United States resulting from said application or any continuation, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and covenant(s) that the undersigned have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.

Executed by the undersigned on the date(s) opposite the undersigned name(s).

(Signature) Takaharu HIRAYAMA _____ (Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Yasuhiro HIRATA _____ (Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Yusuke TOMINARI _____ (Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Naoki IWAMURA

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Yusuke SASAKI

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Moriteru ASANO

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Terufumi TAKAGI

(Date)

Witness (optional) _____

Witness (optional) _____

(Signature) Masanori OKANIWA (Date)

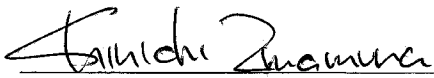
Witness (optional) _____

Witness (optional) _____

(Signature) Masato YOSHIDA (Date)

Witness (optional) _____

Witness (optional) _____

 _____ August 9, 2019 _____
(Signature) Shinichi IMAMURA (Date)

Witness (optional) _____

Witness (optional) _____

The above application may be more particularly identified as follows:

U.S. Application Serial No.: _____
Applicant Reference Number: 203455-PCT

Filing Date: _____
Attorney Docket No _____