#### 504310039 04/06/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4356721

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YOSHIHIRO BANNO	03/15/2017
MASAHIRO KAMAURA	03/15/2017
KAZUAKI TAKAMI	03/15/2017
KOICHIRO FUKUDA	03/15/2017
SHIGEKAZU SASAKI	03/14/2017

#### 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:	541-0045

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15517227

### **CORRESPONDENCE DATA**

Fax Number: (202)721-8250

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.

Phone: 202-721-8200

Email: wlp@wenderoth.com

WENDEROTH, LIND & PONACK, L.L.P. **Correspondent Name:** 

Address Line 1: 1030 15TH STREET, NW

SUITE 400 EAST Address Line 2:

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	2017-0243A
NAME OF SUBMITTER:	KELLY GREENE
SIGNATURE:	/Kelly Greene/
DATE SIGNED:	04/06/2017

**Total Attachments: 3** 

**PATENT REEL: 041887 FRAME: 0317** 

504310039

source=Assignment#page1.tif
source=Assignment#page2.tif
source=Assignment#page3.tif

PATENT REEL: 041887 FRAME: 0318

# **ASSIGNMENT**

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

Insert
Name(s) of
Inventor(s)

Yoshihiro BANNO

Masahiro KAMAURA

Kazuaki TAKAMI

Koichiro FUKUDA

Shigekazu SASAKI

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 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.

PATENT REEL: 041887 FRAME: 0319 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).

Johnin	Burno	March 15, 2017	
(Signature) Yoshihir	o BANNO		(Date)
		ujora lori	
	Misa KIYOHARA	March 15, 2017	
Witness (optional)	John John John Yoko Yoko Yoko Yoko Yoko	onegana	·
Witness (optional)	Misa KIYOHARA	Leve	-
Kaznaki Ta	rham	March 15, 2017	
		Joneson a	(Date)
	mise Aly.		
	Misa KIYOHARA~		

Kan F	idende	March 15,	2017	
(Signature) Koichiro FU	KUDA			(Date)
Witness (optional)	Yoko YONEYAMA  mis a Diyh		/	
Witness (optional)	Misa KIYOHARA			- Mary
(Signature) Shigekazu S		March 14,	2017	(Date)
(Signature) Singonaza S				
Witness (optional)	Jeko Jo Yoko YONEYAMA	mjera		
Witness (optional)	hisa Kiyofa Misa KIYOHARA			<del></del>
The above applicati	on may be more particularly i	identified as follows:		
U.S. Application Serial No.:		Filing Date:	,	

PATENT REEL: 041887 FRAME: 0321

**RECORDED: 04/06/2017**