

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takahiko TANIGUCHI	08/22/2011
Masato YOSHIKAWA	08/09/2011
Kasei MIURA	08/10/2011
Tomoaki HASUI	08/10/2011
Eiji HONDA	08/10/2011
Keisuke IMAMURA	08/10/2011
Makoto KAMATA	08/10/2011
Haruhi KAMISAKI	08/10/2011
John F. QUINN	08/24/2011
Joseph RAKER	08/25/2011
Fatoumata CAMARA	08/24/2011
Yi WANG	08/23/2011

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:	13166212

CORRESPONDENCE DATA

Fax Number: (202)721-8250
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 2027218200
 Email: wlp@wenderoth.com

OP \$40.00 13166212

Correspondent Name: WENDEROTH, LIND & PONACK, LLP
Address Line 1: 1030 15th Street, N.W.
Address Line 2: Suite 400 East
Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:	2011_0720A
-------------------------	------------

NAME OF SUBMITTER:	Donna King
--------------------	------------

Total Attachments: 6
source=ASSIGNMENT#page1.tif
source=ASSIGNMENT#page2.tif
source=ASSIGNMENT#page3.tif
source=ASSIGNMENT#page4.tif
source=ASSIGNMENT#page5.tif
source=ASSIGNMENT#page6.tif

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) of Inventor(s) Takahiko TANIGUCHI, Masato YOSHIKAWA, Kasei MIURA, Tomoaki HASUI,
Eiji HONDA, Keisuke IMAMURA, Makoto KAMATA, Haruhi KAMISAKI,

John F. QUINN, Joseph RAKER, Fatoumata CAMARA and Yi WANG

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

Insert Name(s) of Assignee(s) Takeda Pharmaceutical Company Limited
Address of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan

(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

Title of Invention FUSED HETEROCYCLIC COMPOUNDS

for which an application for patent in the United States has been executed by the undersigned

Date of Signing of Application on August 9, 2011, August 10, 2011 and August 22, 2011

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, 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 interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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.

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 Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they 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., 1030 15th Street, N.W., Suite 400 East, Washington, D.C. 20005-1503, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 22nd August, 2011, Name of the Inventor Takahiko Taniguchi
Takahiko TANIGUCHI

Date August 9, 2011, Name of the Inventor Masato Yoshikawa
Masato YOSHIKAWA

Date August 10, 2011, Name of the Inventor Kasei Miura
Kasei MIURA

Date August 10, 2011, Name of the Inventor Tomoaki Hasui
Tomoaki HASUI

Date August 10, 2011, Name of the Inventor Eiji Honda
Eiji HONDA

Date August 10, 2011, Name of the Inventor Keisuke Imamura
Keisuke IMAMURA

Date August 10, 2011, Name of the Inventor Makoto Kamata
Makoto KAMATA

Date August 10, 2011, Name of the Inventor Haruhi Kamisaki
Haruhi KAMISAKI

Date _____, Name of the Inventor _____
John F. QUINN

Date _____, Name of the Inventor _____
Joseph RAKER

Date _____, Name of the Inventor _____
Fatoumata CAMARA

Date _____, Name of the Inventor _____
Yi WANG

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Takashi Miki
Takashi MIKI

Witness Regina Levesque
Regina LEVESQUE

ACKNOWLEDGMENT

_____ } ss

This _____ day of _____, 20____, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____

Applicant Reference Number _____ Atty Docket No. _____

Title of Invention _____

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) of Inventor(s) Takahiko TANIGUCHI, Masato YOSHIKAWA, Kasei MIURA, Tomoaki HASUI,
Eiji HONDA, Keisuke IMAMURA, Makoto KAMATA, Haruhi KAMISAKI,
John F. QUINN, Joseph RAKER, Fatoumata CAMARA and Yi WANG
the undersigned hereby sell(s) and assign(s) to

Insert Name(s) of Assignee(s) Takeda Pharmaceutical Company Limited
Address of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan

(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

Title of Invention FUSED HETEROCYCLIC COMPOUNDS

for which an application for patent in the United States has been executed by the undersigned

Date of Signing of Application on _____

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, 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 interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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.

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 Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they 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., 1030 15th Street, N.W., Suite 400 East, Washington, D.C. 20005-1503, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____, Name of the Inventor Takahiko TANIGUCHI

Date _____, Name of the Inventor Masato YOSHIKAWA

Date _____, Name of the Inventor Kasei MIURA

Date _____, Name of the Inventor Tomoaki HASUI

Date _____, Name of the Inventor Eiji HONDA

Date _____, Name of the Inventor Keisuke IMAMURA

Date _____, Name of the Inventor Makoto KAMATA

Date _____, Name of the Inventor Haruhi KAMISAKI

Date 8-24-2011, Name of the Inventor John F. QUINN

Date 25 Aug 11, Name of the Inventor Joseph RAKER

Date 8/24/2011, Name of the Inventor Fatoumata CAMARA

Date 8/23/11, Name of the Inventor YI WANG

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

1. Witness John's } FOR YI WANG

2. Witness Walchek }

1. Witness Walchek } FOR JOHN F. QUINN

2. Witness Christine Buz } FATOUMATA CAMARA

1. Witness Theresa Kane } FOR Joseph Raker

2. Witness Walchek }

ACKNOWLEDGMENT

_____ } ss

This _____ day of _____, 20____, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____
Applicant Reference Number _____ Atty Docket No. _____
Title of Invention _____