

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kouki Fuchino	07/13/2009
Naoki Tsuno	07/14/2009
RECEIVING PARTY DATA	
Name:	Shionogi & Co. Ltd.
Street Address:	1-8, Doshomachi 3-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:	13010632
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ATTORNEY DOCKET NUMBER:	379612-433US1 (105160)
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Total Attachments: 2	
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ASSIGNMENT

I, Kouki FUCHINO, a citizen of Japan, with an address c/o Shionogi & Co., Ltd., 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka 5530002 Japan, and

I, Naoki TSUNO, a citizen of Japan, with an address c/o Shionogi & Co., Ltd., 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka 5530002 Japan;

(hereinafter "ASSIGNOR"), in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

SHIONOGI & CO., LTD.

a corporation organized under the laws of Japan, located at 1-8, Doshomachi 3-chome, Chuoku, Osaka-shi, Osaka 541-0045 Japan (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **throughout the world**, in and to my Invention entitled:

SUBSTITUTED-QUINOXALINE-TYPE BRIDGED-PIPERIDINE COMPOUNDS AND THE USES THEREOF

invented by me, together with John William Frank WHITEHEAD, a citizen of Great Britain, residing at 155 North State Street, Newtown, PA 18940, and Jiangchao YAO, a citizen of the United States of America, residing at 4610 Twin Oaks Court, Monmouth Junction, NJ 08852, and described in the specification bearing the above Attorney Docket No. and title, and filed as U.S. Provisional Patent Application No. 61/082,482, filed July 21, 2008, and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, and all applications for industrial property protection including, without limitation, all applications for patents, utility models, inventor's certificates and designs and rights of priority therein that may be filed for said Invention in any country, and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable; said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this Assignment and sale had not been made.

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a

division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement or enforcement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law.

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent or other evidence or forms of industrial property protection resulting from said Invention and application(s) concerning same to said ASSIGNEE, its successors or assigns.

I hereby grant my attorney or agent identified above power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or any other patent office for recordation of this document.

This Assignment shall have an effective date corresponding to the last date of execution.

I hereby represent that I have the full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict with this Assignment.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: July, 13, 2009

Kouki Fuchino
Kouki FUCHINO, Inventor

Dated: July, 14, 2009

Naoki Tsuno
Naoki TSUNO, Inventor