

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHIONOGI & CO., LTD.	04/07/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PURDUE PHARMA L.P.
<b>Street Address:</b>	ONE STAMFORD FORUM
<b>Internal Address:</b>	201 TRESSER BOULEVARD
<b>City:</b>	STAMFORD
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06901-3431
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	61746484
<b>Application Number:</b>	61782702
<b>Application Number:</b>	14138976
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	379612-459 US FAMILY
<b>NAME OF SUBMITTER:</b>	CARL A. MORALES
<b>SIGNATURE:</b>	/Carl A. Morales/
<b>DATE SIGNED:</b>	04/21/2015
<b>Total Attachments: 1</b>	
source=Purdeu (459US) Executed Assignment Shionogi to PPLP - ASSIGNMENT_11-NC-0202 executed 2015-04-07#page1.tif	

## ASSIGNMENT

Shionogi & Co., Ltd., a Japanese Corporation having a principal place of business at 1-8, Doshomachi 3-chome, Chuo-ku, Osaka, 541-0045, Japan ("Shionogi"), has a shared ownership with Purdue Pharma L.P., a Delaware limited partnership having a place of business at One Stamford Forum, 201 Tresser Boulevard, Stamford, Connecticut 06901-3431, United States of America ("Purdue") of the following applications/patents:

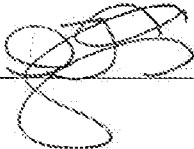
US Patent Application No. 61/746,484, filed on 12/27/2012;  
US Patent Application No. 61/782,702, filed on 3/14/2013; and  
US Patent Application No. 14/138,976, filed on 12/23/2013;

All in the title of "Oxime-Substituted-Quinoxaline-Type Piperidine Compounds and Uses Thereof"

For good and valuable consideration Shionogi, (a) confirms that it has sold and assigned, and does hereby sell and assign, to Purdue Pharma L.P., its successors, and assigns, Shionogi's ownership interest in the United States of America for the 61/746,484 application and its ownership interest in the United States of America for the 61/782,702 application, and its ownership interest in the United States of America for the 14/138,976 application, to be held and enjoyed by Purdue, its successors, assignees and/or other legal representative, to the full end of the term thereof, as may be extended by law as fully and entirely as the same would have been held and enjoyed by Shionogi if this assignment and sale had not been made, including, but not limited to, the right to sue for past infringement, and (b) authorizes and requests the Commissioner of Patents and Trademarks and any other granting authority to issue all patents, divisions, reissues, continuations, continuations-in-part and any extensions, and rights of priority therein for the United States of America, resulting from or based in whole or in part upon the 61/746,484 application, and/or the 61/782,702 application, and/or the 14/138,976 application, to Purdue.

Shionogi & Co., Ltd.

By: \_\_\_\_\_



Date: 2015. 4. 07

Name: Isao TESHIROGI

Title: President and Representative Director