## 503982419 08/30/2016

### PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name		Execution Date	
LAYKEA TAFESSE				08/05/2016	
JAE HYUN PARK				08/02/2016	
RECEIVING PARTY DA	ΑΤΑ				
Name:	PURDL	JE PHARMA L.P.			
Street Address:	201 TR	201 TRESSER BOULEVARD			
Internal Address:	ONE S	ONE STAMFORD FORUM			
City:	STAMF	STAMFORD			
State/Country:	CONNE	CONNECTICUT			
Postal Code:	06901				
PROPERTY NUMBERS	S Total: 1				
Property Type					
Property Type		Number			
Application Number:		Number 15118563			
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Application Number: CORRESPONDENCE I Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA be sent to provided	15118563 <i>the e-mail address first; if that is a</i> <i>if that is unsuccessful, it will be</i> 203-588-7155 nicole.davis@pharma.com PURDUE PHARMA L.P. 201 TRESSER BOULEVARD ONE STAMFORD FORUM	sent via US I		
Application Number: CORRESPONDENCE I Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA be sent to provided	15118563 <i>the e-mail address first; if that is a</i> <i>if that is unsuccessful, it will be</i> 203-588-7155 nicole.davis@pharma.com PURDUE PHARMA L.P. 201 TRESSER BOULEVARD ONE STAMFORD FORUM STAMFORD, CONNECTICUT 0690	sent via US I		
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Application Number: CORRESPONDENCE I Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER:	DATA be sent to provided	15118563 the e-mail address first; if that is a if that is unsuccessful, it will be 203-588-7155 nicole.davis@pharma.com PURDUE PHARMA L.P. 201 TRESSER BOULEVARD ONE STAMFORD FORUM STAMFORD, CONNECTICUT 0690 13-NC-0049US02 WEIYING YANG	sent via US I		

#### ASSIGNMENT

# I, LAYKEA TAFESSE, a citizen of the UNITED STATES OF AMERICA, residing at 8 WINDWARD WAY, ROBBINSVILLE, NJ 08690;

I, JAE HYUN PARK, a citizen of the UNITED STATES OF AMERICA, residing at 1260 W. GERONIMO PLACE, CHANDLER, AZ 85224 and each of us, if more than one person is identified above (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

### PURDUE PHARMA L.P.

a Limited Partnership organized under the laws of Delaware, located at One Stamford Forum, 201 Tresser Boulevard, Stamford, Connecticut 06901-3431 (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:

### **ISOQUINOLINE DERIVATIVES AND USE THEREOF**

invented by us and described in Patent Application No. 61/939,082, filed on February 12, 2014 and International Application No. PCT/US2015/015576, filed on February 12, 2015 (I authorize the patent practitioners identified below to insert the application number and filing date) 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

PATENT REEL: 039570 FRAME: 0365 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 the patent practitioners associated with CUSTOMER NUMBER 43487 the 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.

I understand that the patent practitioners associated with CUSTOMER NUMBER 43487 are the legal representatives of, and attorneys or agents for, the ASSIGNEE, and are NOT the legal representatives of, and attorneys or agents for, the ASSIGNOR.

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.

Date: August 05, 2016

Inventor: 📈 LAYKEA

Date:\_\_\_\_\_

Inventor:\_\_\_\_\_\_ JAE HYUN PARK

PATENT REEL: 039570 FRAME: 0366 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.

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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.

Date:

Inventor: LAYKEA TAFESSE

Inventor:	8/2/16
	JAF HVIN PARK

PATENT REEL: 039570 FRAME: 0367

**RECORDED: 08/30/2016**