503554779 11/04/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSHUA R. GIGUERE	02/23/2011
KEITH E. MCCARTHY	02/23/2011
HELGE A. REISCH	02/23/2011
SERGIO SANDOVAL	02/28/2011
JAKE L. STYMIEST	02/23/2011

RECEIVING PARTY DATA

Name:	PURDUE PHARMA L.P.	
Street Address:	ONE STAMFORD FORUM	
Internal Address:	201 TRESSER BOULEVARD	
City:	STAMFORD	
State/Country:	CONNECTICUT	
Postal Code:	06901-3431	

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	14818199
Application Number:	14827085
Application Number:	14827104
Application Number:	14827132

CORRESPONDENCE DATA

Fax Number: (650)813-4848

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.

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GEORGE A. SENICH, ESQ. **Correspondent Name:**

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ATTORNEY DOCKET NUMBER: 379612-439C1, D1, D2 & D3 GEORGE A. SENICH NAME OF SUBMITTER:

PAIENI REEL: 036960 FRAME: 0605 503554779

SIGNATURE:	/George A. Senich/		
DATE SIGNED:	11/04/2015		
Total Attachments: 2			
source=Purdue (439C1) - Executed Assignment by inventors to Purdue from Prov#page1.tif			
source=Purdue (439C1) - Executed Assignment by inventors to Purdue from Prov#page2.tif			

PATENT REEL: 036960 FRAME: 0606

ASSIGNMENT

- I, Joshua R. GIGUERE, a citizen of the United States of America, residing at 17 Harding Street, Sharon, Massachusetts 02067.
- I, Keith E. MCCARTHY, a citizen of the United States of America, residing at 10 Wolcott Lane, Old Lyme, Connecticut 06371,
- I, Helge A. REISCH, a citizen of Germany, residing at 36 Wells Street, Westerly, Rhode Island 02891,
- I, Sergio SANDOVAL, a citizen of Mexico, residing at 34 Scenic Drive, West Warwick, Rhode Island 02893, and
- I, Jake L. STYMIEST, a citizen of Canada, residing at 41 Howard Hill Road, Foster, Rhode Island 02825;

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:

TRANSITION METAL-CATALYZED PROCESSES FOR THE PREPARATION OF N ALLYL COMPOUNDS AND USE THEREOF

invented by us and described in Provisional Patent Application No. 61/354,036, filed on June 11, 2010 in the United States of America, 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

PATENT REEL: 036960 FRAME: 0607 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: <u>02/23/11</u>

Dated: <u>2/23///</u>

Dated: 02/25/2014

Dated: 2/28/11

Dated: 2/23/11

Joshua R. GIGUERE, Inventor

Keith E. MCCARTHY, Investor

Helge A. REISCH Inventor

Sergio SANDOVAL, Inventor

Jake L. STYMIEST, Inventor,