

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
CONVEYING PARTY DATA																					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Steven J. Coats</td> <td>10/11/2010</td> </tr> <tr> <td>Yue-Mei Zhang</td> <td>10/14/2010</td> </tr> <tr> <td>Shu-Chen Lin</td> <td>10/19/2010</td> </tr> <tr> <td>Li Liu</td> <td>10/15/2010</td> </tr> <tr> <td>Tamara A. Miskowski</td> <td>10/31/2010</td> </tr> <tr> <td>Scott L. Dax</td> <td>10/13/2010</td> </tr> <tr> <td>Hank Breslin</td> <td>11/12/2010</td> </tr> <tr> <td>Bart L. DeCorte</td> <td>10/14/2010</td> </tr> <tr> <td>Wei He</td> <td>10/25/2010</td> </tr> </tbody> </table>		Name	Execution Date	Steven J. Coats	10/11/2010	Yue-Mei Zhang	10/14/2010	Shu-Chen Lin	10/19/2010	Li Liu	10/15/2010	Tamara A. Miskowski	10/31/2010	Scott L. Dax	10/13/2010	Hank Breslin	11/12/2010	Bart L. DeCorte	10/14/2010	Wei He	10/25/2010
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RECEIVING PARTY DATA																					
Name:	Janssen Pharmaceutica, NV																				
Street Address:	Turnhoutseweg 30																				
City:	Beerse																				
State/Country:	BELGIUM																				
PROPERTY NUMBERS Total: 1																					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12913948</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12913948																
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CORRESPONDENCE DATA																					
Fax Number:	(732)524-2808																				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																					
Email:	JNJUSPATENT@CORUS.JNJ.COM																				
Correspondent Name:	Philip S. Johnson, Esq.																				
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Address Line 4:	New Brunswick, NEW JERSEY 08933																				
ATTORNEY DOCKET NUMBER:	PRD3121																				

CH \$40.00 12913948

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PATENT
REEL: 026126 FRAME: 0001

NAME OF SUBMITTER:

Ceceile Solomon

Total Attachments: 80

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A S S I G N M E N T

WHEREAS, Steven J. Coats of 764 Alberta Drive, McDonough, GA; Yue-Mei Zhang of Welsh & McKean Roads, P.O. Box 776, Spring House, PA; Shu-Chen Lin of 10 Manning Court, High Bridge, NJ; Li Liu of 271 Fox Chase Lane, Doylestown, PA; Tamara A. Miskowski of Welsh & McKean Roads, P.O. Box 776, Spring House, PA; Scott L. Dax of 3 Quail Drive, Landenberg, PA; Hank Breslin of Welsh & Mc Kean Roads, P.O. Box 776, Spring House, PA; Bart L. DeCorte of Welsh & McKean Roads, P.O. Box 776, Spring House, PA and Wei He of 2002 Kestral Circle, Audubon, pA 19493 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

PHENOXY-SUBSTITUTED PYRIMIDINES AS OPIOID RECEPTOR MODULATORS

for which they have executed an application for Letters Patent of the United States Patent and Trademark Office; and

WHEREAS, JANSSEN PHARMACEUTICA, NV, a corporation of BELGIUM, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and

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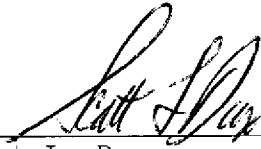
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IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 13th day of Oct, 2010



Scott L. Dax (L.S.)

STATE OF) Pennsylvania
) ss.

COUNTY OF) Montgomery

BE IT REMEMBERED, That on this 13th day of Oct, 2010, before me, a Notary Public, personally appeared Scott L. Dax, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.



Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Stephanie J. O'Connor, Notary Public
Montgomery Twp., Montgomery County
My Commission Expires Dec. 6, 2011
Member, Pennsylvania Association of Notaries

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IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this _____ day of _____, 2010

Henry R. L. (L.S.)
~~Hank~~ Breslin
HENRY
HB

Commonwealth
STATE OF Pennsylvania) ss.
COUNTY OF Chester

BE IT REMEMBERED, That on this 12th day of November 2010, before me, a Notary Public, personally appeared ~~Hank~~ HENRY HB Breslin, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

Cynthia M. Ficca
Notary Public
COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
CYNTHIA M. FICCA, Notary Public
West Goshen Twp., Chester County
My Commission Expires February 13, 2011

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And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and


IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 25th day of Oct., 2010



Wei He (L.S.)

STATE OF)
) ss.
COUNTY OF)

BE IT REMEMBERED, That on this _____ day of _____, 2010, before me, a Notary Public, personally appeared Wei He, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.



Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Asghar Shahzad, Notary Public
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My Commission Expires March 24, 2013
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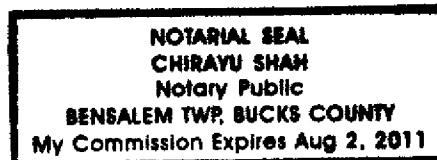
IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 19 day of ~~October~~, 2010

Shu-Chen Lin (L.S.)
Shu-Chen Lin

STATE OF PA)
) ss.
COUNTY OF Bucks)

BE IT REMEMBERED, That on this 19 day of ~~October~~ 2010, before me, a Notary Public, personally appeared Shu-Chen Lin, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

Chirayu Shah
Notary Public



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And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and

unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this _____ day of _____, 2010

Steven J. Coats (L.S.)

STATE OF _____)
) ss.
COUNTY OF _____)

BE IT REMEMBERED, That on this _____ day of _____, 2010, before me, a Notary Public, personally appeared Steven J. Coats, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

Notary Public

