

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>Peter J. CONNOLLY</td> <td>10/14/2010</td> </tr> <tr> <td>Shu-Chen LIN</td> <td>10/19/2010</td> </tr> <tr> <td>Mark J. MACIELAG</td> <td>10/21/2010</td> </tr> <tr> <td>Yue-Mei ZHANG</td> <td>10/14/2010</td> </tr> </tbody> </table>		Name	Execution Date	Peter J. CONNOLLY	10/14/2010	Shu-Chen LIN	10/19/2010	Mark J. MACIELAG	10/21/2010	Yue-Mei ZHANG	10/14/2010
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Janssen Pharmaceutica N.V.</td> </tr> <tr> <td>Street Address:</td> <td>Turnhoutseweg 30</td> </tr> <tr> <td>City:</td> <td>Beerse</td> </tr> <tr> <td>State/Country:</td> <td>BELGIUM</td> </tr> <tr> <td>Postal Code:</td> <td>B2340</td> </tr> </table>		Name:	Janssen Pharmaceutica N.V.	Street Address:	Turnhoutseweg 30	City:	Beerse	State/Country:	BELGIUM	Postal Code:	B2340
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CORRESPONDENCE DATA											
<p>Fax Number: (732)524-2808</p> <p>Phone: 7325243711</p> <p>Email: JNJUSPATENT@CORUS.JNJ.COM</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Philip S. JOHNSON</p> <p>Address Line 1: JOHNSON & JOHNSON</p> <p>Address Line 2: One Johnson & Johnson Plaza</p> <p>Address Line 4: New Brunswick, NEW JERSEY 08933</p>											
ATTORNEY DOCKET NUMBER:	PRD 3120USDIV1										
NAME OF SUBMITTER:	Eleanor MARINO										

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Total Attachments: 10

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A S S I G N M E N T

WHEREAS, Peter J. Connolly of ~~74 Delwick Lane, New Providence, NJ~~; Shu-Chen Lin of 10 Manning Court, High Bridge, NJ; Mark J. Macielag of Welsh & Mc Kean Roads, P.O. Box 776, Spring House, PA and Yue-Mei Zhang of Welsh & Mc Kean Roads, P.O. Box 776, Spring House, PA respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

Welsh + Mc Kean Roads, PO Box 776,
Spring House, PA
PJK

PYRAZINES AS DELTA 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 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 14th day of October, 2010

Peter J. Connolly (L.S.)
Peter J. Connolly

STATE OF Pennsylvania
COUNTY OF Montgomery) ss.

BE IT REMEMBERED, That on this 14th day of October, 2010, before me, a Notary Public, personally appeared Peter J. Connolly 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.

Christine M Razler
Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal
Christine M. Razler, Notary Public
Lower Gwynedd Twp., Montgomery County
My Commission Expires Nov. 19, 2011

Member, Pennsylvania Association of Notaries

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

Shu-Chen Lin (L.S.)

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 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.

Notary Public

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 21st day of OCTOBER, 2010

Mark J. Macielag (L.S.)
Mark J. Macielag

STATE OF Pennsylvania) ss.
COUNTY OF Montgomery

BE IT REMEMBERED, That on this 21st day of Oct, 2010, before me, a Notary Public, personally appeared Mark J. Macielag, 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.

Christine M. Razler
Notary Public

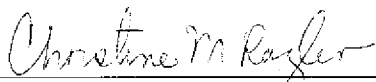
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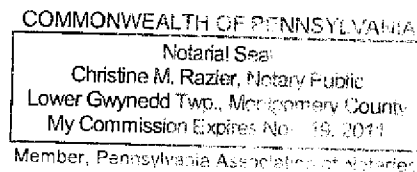
IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 14 day of Oct., 2010

 (L.S.)
Yue-Mei Zhang

STATE OF Pennsylvania
COUNTY OF Montgomery ss.

BE IT REMEMBERED, That on this 14th day of Oct., 2010, before me, a Notary Public, personally appeared Yue-Mei Zhang, 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



A S S I G N M E N T

WHEREAS, Peter J. Connolly of 74 Delwick Lane, New Providence, NJ; Shu-Chen Lin of ~~10 Manning Court, High Bridge, NJ~~ *4895 Redfield Road, Doylestown, PA* *sch*; Mark J. Macielag of Welsh & Mc Kean Roads, P.O. Box 776, Spring House, PA and Yue-Mei Zhang of Welsh & Mc Kean Roads, P.O. Box 776, Spring House, PA respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

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STATE OF)
COUNTY OF) ss.

Notary Public

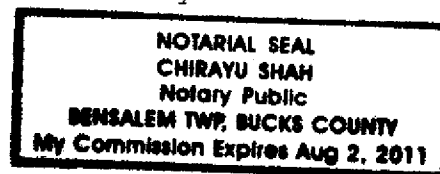
IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 19 day of Oct, 2010

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

STATE OF PA)
) ss.
COUNTY OF Bucks

BE IT REMEMBERED, That on this 19 day of Oct, 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



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

Yue-Mei Zhang (L.S.)

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2010, before me, a Notary Public, personally appeared Yue-Mei Zhang, 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