

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Peter X. Wang</td> <td>05/03/2007</td> </tr> <tr> <td>Tao Jiang</td> <td>03/30/2007</td> </tr> <tr> <td>Gary L. Cantrell</td> <td>03/30/2007</td> </tr> <tr> <td>David W. Berberich</td> <td>03/30/2007</td> </tr> </tbody> </table>		Name	Execution Date	Peter X. Wang	05/03/2007	Tao Jiang	03/30/2007	Gary L. Cantrell	03/30/2007	David W. Berberich	03/30/2007
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Mallinckrodt Inc.</td> </tr> <tr> <td>Street Address:</td> <td>675 McDonnell Boulevard</td> </tr> <tr> <td>City:</td> <td>Hazelwood</td> </tr> <tr> <td>State/Country:</td> <td>MISSOURI</td> </tr> <tr> <td>Postal Code:</td> <td>63042</td> </tr> </table>		Name:	Mallinckrodt Inc.	Street Address:	675 McDonnell Boulevard	City:	Hazelwood	State/Country:	MISSOURI	Postal Code:	63042
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (314)654-3156</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 314-654-3960</p> <p>Email: tammy.ginn@covidien.com</p> <p>Correspondent Name: Mallinckrodt Inc.</p> <p>Address Line 1: 675 McDonnell Boulevard</p> <p>Address Line 4: HAZELWOOD, MISSOURI 63042</p>											
ATTORNEY DOCKET NUMBER:	H-MP-00045 US ASG PHARMA										
NAME OF SUBMITTER:	Craig D. Siman										
<p>Total Attachments: 12</p> <p>source=H-MP-00045US_Assignment#page1.tif</p>											

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ASSIGNMENT

WHEREAS, we, Peter X. WANG, 1708 Eldon Ridge Court, Chesterfield, in the state of Missouri, 63017, USA, and Tao JIANG, 10331 Beau Jardin Dr. Apt. 8, St. Louis, in the state of Missouri, 63146, USA, and Gary L. CANTRELL, 509 Lakewood Drive, Troy, in the state of Illinois, 62294, USA, and David Wayne, BERBERICH, 29 Briarwick Trail, St. Peters, in the state of Missouri, 63376, USA have invented a new and improved **IMPROVED PREPARATION OF OXYMORPHONE FROM ORIPAVINE** identified as Case No. H-MP-00045.P1 US, and described in US provisional patent application no. 60/896,537 as filed in the United States Patent and Trademark Office on March 23, 2007.

WHEREAS, Mallinckrodt Inc. of St. Louis, Missouri, a corporation of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, we do hereby sell, assign and transfer unto said Mallinckrodt Inc., its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application; in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also any improvements on said invention or inventions now or hereafter made by me during the period of my employment; also the entire right, title and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention, inventions, or improvements and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention, inventions, or improvements in this or any foreign country; and I hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Mallinckrodt Inc., as assignee of the entire interest.

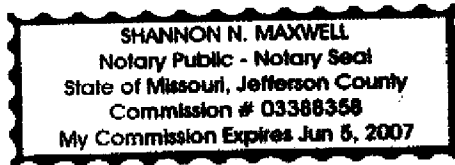
I further agree, without any payment by Mallinckrodt Inc. other than expenses incurred by the undersigned, to communicate to said Mallinckrodt Inc., its representatives or agents, any fact relating to said inventions, inventions or improvements, including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after my signature.

(L.S.) Peter X. Wang, Dated this 3 day of May, 2007.
Peter X. WANG

ACKNOWLEDGEMENT

On this 3rd day of May, 2007, before me personally appeared Peter X. WANG to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.
(Seal)



Shannon N. Maxwell
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after my signature.

(L.S.) _____, Dated this _____ day of _____, 2007.
Tao JIANG

ACKNOWLEDGEMENT

On this _____ day of _____, 2007, before me personally appeared Tao JIANG to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.
(Seal)

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after
my signature.

(L.S.) _____, Dated this _____ day of _____, 2007.
Gary L. CANTRELL

ACKNOWLEDGEMENT

On this _____ day of _____, 2007, before me personally appeared
Gary L. CANTRELL to me known to be the person described in and who executed the foregoing
instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he
executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and
official seal the day and year last above written.
(Seal)

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after
my signature.

(L.S.) _____, Dated this _____ day of _____, 2007.
David Wayne BERBERICH

ACKNOWLEDGEMENT

On this _____ day of _____, 2007, before me personally appeared
David Wayne BERBERICH to me known to be the person described in and who executed the
foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge
that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand
and official seal the day and year last above written.
(Seal)

Notary Public

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I further agree, without any payment by Mallinckrodt Inc. other than expenses incurred by the undersigned, to communicate to said Mallinckrodt Inc., its representatives or agents, any fact relating to said inventions, inventions or improvements, including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after my signature.

(L.S.) _____, Dated this _____ day of _____, 2007.
Peter X. WANG

ACKNOWLEDGEMENT

On this _____ day of _____, 2007, before me personally appeared Peter X. WANG to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.
(Seal)

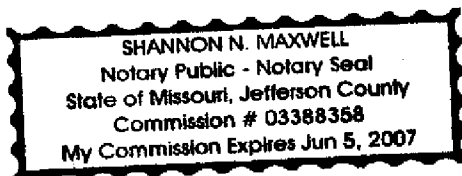
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after my signature.

(L.S.) Tao JIANG, Dated this 30 day of March, 2007.

ACKNOWLEDGEMENT

On this 30 day of March, 2007, before me personally appeared Tao JIANG to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.
(Seal)



Shannon N. Maxwell
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after
my signature.

(L.S.) _____, Dated this _____ day of _____, 2007.
Gary L. CANTRELL

ACKNOWLEDGEMENT

On this _____ day of _____, 2007, before me personally appeared
Gary L. CANTRELL to me known to be the person described in and who executed the foregoing
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(L.S.) _____, Dated this _____ day of _____, 2007.
David Wayne BERBERICH

ACKNOWLEDGEMENT

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(L.S.) _____, Dated this _____ day of _____, 2007.
Peter X. WANG

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(L.S.) _____, Dated this _____ day of _____, 2007.
Tao JIANG

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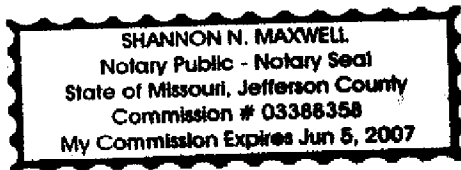
Notary Public

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(L.S.) Gary L. Cantrell, Dated this 30th day of March, 2007.
Gary L. CANTRELL

ACKNOWLEDGEMENT

On this 30th day of March, 2007, before me personally appeared Gary L. CANTRELL to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.
(Seal)



Shannon N. Maxwell
Notary Public

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(L.S.) _____, Dated this _____ day of _____, 2007.
David Wayne BERBERICH

ACKNOWLEDGEMENT

On this _____ day of _____, 2007, before me personally appeared David Wayne BERBERICH to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.
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(L.S.) _____, Dated this _____ day of _____, 2007.
Peter X. WANG

ACKNOWLEDGEMENT

On this _____ day of _____, 2007, before me personally appeared **Peter X. WANG** to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.
(Seal)

Notary Public

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(L.S.) _____, Dated this _____ day of _____, 2007.
Tao JIANG

ACKNOWLEDGEMENT

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Notary Public

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(L.S.) _____, Dated this _____ day of _____, 2007.
Gary L. CANTRELL

ACKNOWLEDGEMENT

On this _____ day of _____, 2007, before me personally appeared Gary L. CANTRELL to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.
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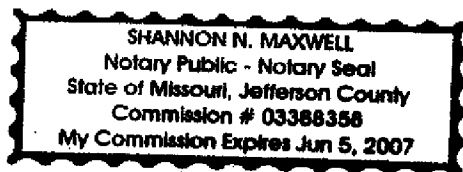
Notary Public

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(L.S.) David Wayne Berberich, Dated this 30 day of March, 2007.
David Wayne BERBERICH

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Shannon N Maxwell
Notary Public