

09-23-2005

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To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Christopher M. Flores  
Yi Liu  
Mary Lou Lubin  
Ning Qin

Execution Date(s) August 4, 2005 and August 9, 2005

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies):**

Name: Janssen Pharmaceutica N.V.

Street Address:  
Turnhoutseweg 30

City: B-2340 Beerse, Belgium

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance:**

- Assignment
- Security Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other
- Merger
- Change of Name

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

11/099,855

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address of party to whom correspondence concerning document should be mailed:**

Philip S. Johnson, Esq.  
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**6. Total number of applications & patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) ..... \$40.00**

Authorized to be charged to Deposit Account

**8. Payment Information**

Deposit Account Number: 10-0750/PRD-2211-USNP/LAD

**9. Signature**

*Laura A. Donnelly*

Signature

9/19/05

Date

Laura A. Donnelly  
Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 7

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

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A S S I G N M E N T

Serial No. 11/099,855  
Filed April 6, 2005

WHEREAS, Christopher M. Flores, Yi Liu, Mary Lou Lubin and Ning Qin, residing at 107 Veronica Lane, Lansdale, PA 19446; 369 Greenwood Avenue, Apt. K2, Jenkintown, PA 19046; 837 Tremont Avenue, Norristown, PA 19044; and 201 Kimberton Drive, Blue Bell, PA 19422 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

CANINE COLD- AND MENTHOL-SENSITIVE RECEPTOR 1

for which an application for a United States Patent was filed on April 6, 2005, Application No. 11/099,855.

WHEREAS, JANSSEN PHARMACEUTICA N.V., a corporation of Belgium located at Turnhoutseweg 30, B-2340 Beerse, 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, Assignor has hereunto set his hands and seal this 4<sup>th</sup> day of August, 2005.

Christopher M. Flores (L.S.)  
Christopher M. Flores

STATE OF *Pennsylvania*  
COUNTY OF *Montgomery* ) ss.

BE IT REMEMBERED, That on this 4<sup>th</sup> day of Aug., 2005, before me, a Notary Public, personally appeared CHRISTOPHER M. FLORES, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Maria I. Shchuka  
Notary Public

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Maria I. Shchuka, Notary Public  
Lower Gwynedd Twp., Montgomery County  
My Commission Expires Apr. 14, 2007  
Member, Pennsylvania Association of Notaries

IN TESTIMONY WHEREOF, Assignor has hereunto set his/her hands and seal this 4<sup>th</sup> day of August, 2005.

Yi Liu (L.S.)

STATE OF *Pennsylvania*  
COUNTY OF *Montgomery* ) ss.

BE IT REMEMBERED, That on this 4<sup>th</sup> day of Aug., 2005, before me, a Notary Public, personally appeared YI LIU, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his/her voluntary act and deed for the uses and purposes therein expressed.

Maria I. Shchuka  
Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal  
Maria I. Shchuka, Notary Public  
Lower Gwynedd Twp., Montgomery County  
My Commission Expires Apr. 14, 2007

Member, Pennsylvania Association of Notaries



