

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
William J. Welsh	11/29/2006
Youyi Peng	11/29/2006
Qiang Zhang	11/29/2006
Susan M. Keenan	11/29/2006
Sonia Arora	11/29/2006
RECEIVING PARTY DATA	
Name:	The University of Medicine and Dentistry of New Jersey
Street Address:	335 George Street
Internal Address:	Liberty Plaza, Suite 3200
City:	New Brunswick
State/Country:	NEW JERSEY
Postal Code:	08901
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	60680259
PCT Number:	US0618576
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	6099243773
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ATTORNEY DOCKET NUMBER:	P32,095-A PCT

OP \$80.00 60680259

**500206647**

**PATENT**  
**REEL: 018752 FRAME: 0592**

NAME OF SUBMITTER:

Sarah Klosek

**Total Attachments: 7**

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**ASSIGNMENT**

WHEREAS, We, **WILLIAM J. WELSH**, a citizen of United States, residing at 66 Maybury Hill Road, Princeton, NJ 08540, **YOUYI PENG**, a citizen of China, residing at 900 Davidson Road, Apt. 87, Piscataway, NJ 08854, **QIANG ZHANG**, a citizen of China, residing at 900 Davidson Road, Apt. 87, Piscataway, NJ 08854, **SUSAN M. KEENAN**, a citizen of United States, residing at 4 Arthur Glick Blvd., Franklin Park, NJ 08823 and **SONIA ARORA**, a citizen of India, residing at 1450 Oak Tree Drive, Apt. C, North Brunswick, NJ 08902, have invented certain improvements in **OPIOID RECEPTOR SUBTYPE-SELECTIVE AGENTS**, for which the following applications were filed:

<b><u>Jurisdiction</u></b>	<b><u>Serial No.</u></b>	<b><u>Filing Date</u></b>
US	60/680,259	12 May 2005
WO	PCT/US06/18576	12 May 2006

AND, WHEREAS, **THE UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY**, having an address at Office of Patents and Licensing, Liberty Plaza, Suite 3200, 335 George Street, New Brunswick, NJ 08901 is desirous of acquiring our entire interest in said invention, said listed applications, and any patent that may issue thereon;

NOW, THEREFORE, be it known that in consideration of \$1.00 and other good and valuable consideration, the receipt of which is hereby acknowledged, and with the intention of being legally bound, we do hereby sell, assign, transfer, and confirm unto said **UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY**, its successors, assigns and legal representatives, all right, title and interest:

(1) in and to said invention and any improvements thereon, and any patent which may

issue on said invention or said improvements, for all countries of the world; and

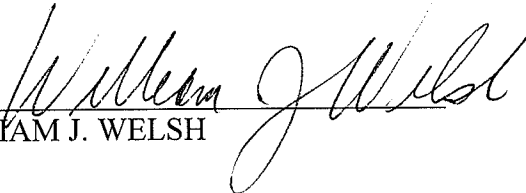
(2) in and to said listed application(s) and any patent which may issue thereon, including:

(A) the right to claim priority under the United States Code and the Paris Convention based on said listed application(s); and

(B) all right, title and interest in and to every patent application, and any patent which may issue thereon, claiming priority benefit under the United States Code or the Paris Convention in the United States, WIPO or any other country of the filing date of said listed application(s), including, but not limited to, any renewal, revival, continuation, continuation-in-part, and division thereof, and any substitute application therefor, and any and all patents which may issue thereon, and any reissues and extensions of same, in the United States and in any other country; and

WE HEREBY authorize and request competent authorities to grant and issue any and all patents on said invention to said **UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY** as the assignee of the entire interest therein; and we agree further to execute upon request of the Assignee or its attorneys such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world and to otherwise give full effect to and perfect the rights of the Assignee under this Assignment.

IN TESTIMONY THEREOF, I have hereunto signed my name on \_\_\_\_\_  
this 29<sup>th</sup> day of November, 2006.

  
\_\_\_\_\_  
WILLIAM J. WELSH

County of \_\_\_\_\_:  
State of \_\_\_\_\_:

On the 29<sup>th</sup> day of November, 2006 appeared before me in person the above-named WILLIAM J. WELSH and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed and for uses and purposes therein set forth.

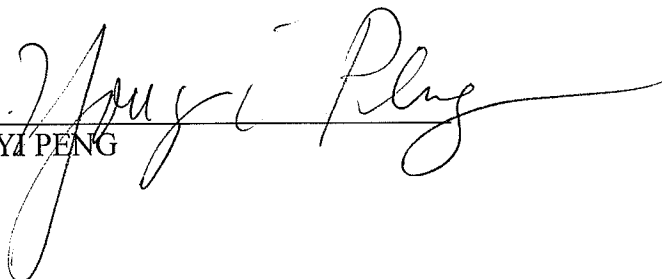
 (SEAL)

Notary Public or Other official

Authorized to Administer Oaths

*A New Jersey Attorney*

IN TESTIMONY THEREOF, I have hereunto signed my name on \_\_\_\_\_ this  
29<sup>th</sup> day of November, 2006.

YOUYI PENG  


County of \_\_\_\_\_:  
State of \_\_\_\_\_:

On the 29<sup>th</sup> day of November, 2006 appeared before me in person the above-named YOUYI PENG and acknowledged the above to be his/her signature and that he/she signed, sealed and delivered the above instrument as his/her voluntary act and deed and for uses and purposes therein set forth.

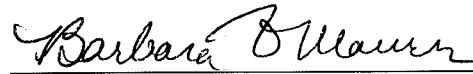
Barbara D. Maurer (SEAL)  
Notary Public or Other official  
Authorized to Administer Oaths  
A New Jersey Attorney

IN TESTIMONY THEREOF, I have hereunto signed my name on \_\_\_\_\_  
this 29<sup>th</sup> day of November, 2006.

  
\_\_\_\_\_  
QIANG ZHANG

County of \_\_\_\_\_:  
State of \_\_\_\_\_:

On the 29 day of November, 2006 appeared before me in person the above-named QIANG ZHANG and acknowledged the above to be his/her signature and that he/she signed, sealed and delivered the above instrument as his/her voluntary act and deed and for uses and purposes therein set forth.

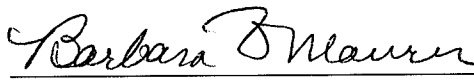
  
\_\_\_\_\_  
Notary Public or Other official  
Authorized to Administer Oaths  
*A New Jersey Attorney*

IN TESTIMONY THEREOF, I have hereunto signed my name on \_\_\_\_\_  
this 29<sup>th</sup> day of November, 2006.

  
\_\_\_\_\_  
SUSAN M. KEENAN

County of \_\_\_\_\_:  
State of \_\_\_\_\_:

On the 29<sup>th</sup> day of November, 2006 appeared before me in person the above-named SUSAN M. KEENAN and acknowledged the above to be her signature and that she signed, sealed and delivered the above instrument as her voluntary act and deed and for uses and purposes therein set forth.

Barbara J. Maurer (SEAL)  
Notary Public or Other official  
Authorized to Administer Oaths  
a New Jersey Attorney



IN TESTIMONY THEREOF, I have hereunto signed my name on \_\_\_\_\_  
this 29<sup>th</sup> day of November, 2006.

Sonia Arora  
SONIA ARORA

County of \_\_\_\_\_:  
State of \_\_\_\_\_:

On the 29<sup>th</sup> day of November, 2006 appeared before me in person the above-named SONIA ARORA and acknowledged the above to be her signature and that she signed, sealed and delivered the above instrument as her voluntary act and deed and for uses and purposes therein set forth.

Barbara J. Maurer (SEAL)  
Notary Public or Other official  
Authorized to Administer Oaths  
A New Jersey Attorney