

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hong Liu	08/29/2008
Xiaohui He	08/27/2008
Ha-Soon Choi	09/04/2008
Kunyong Yang	08/27/2008
David H. Woodmansee	09/04/2008
Zhicheng Wang	09/04/2008
David A. Ellis	09/10/2008
Baogen Wu	08/28/2008
Yun He	08/29/2008
Truc Ngoc Nguyen	08/29/2008

RECEIVING PARTY DATA

Name:	IRM LLC
Street Address:	Hurst Holme, 12 Trott Road
City:	Hamilton
State/Country:	BERMUDA
Postal Code:	HM 11

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	11718016
Application Number:	06622508
Application Number:	60672670
PCT Number:	US0538361

CORRESPONDENCE DATA

Fax Number: (858)812-1909

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

PATENT

500643760

REEL: 021508 FRAME: 0920

CH \$160.00 11718016

Phone: 858-812-1855
Email: jclarke@gnf.org
Correspondent Name: Jill Clarke
Address Line 1: 10675 John Jay Hopkins Drive
Address Line 4: San Diego, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:

P1176US20

NAME OF SUBMITTER:

Timothy L. Smith, J.D., Ph.D.

Total Attachments: 13

source=P1176US20 Assignment#page1.tif
source=P1176US20 Assignment#page2.tif
source=P1176US20 Assignment#page3.tif
source=P1176US20 Assignment#page4.tif
source=P1176US20 Assignment#page5.tif
source=P1176US20 Assignment#page6.tif
source=P1176US20 Assignment#page7.tif
source=P1176US20 Assignment#page8.tif
source=P1176US20 Assignment#page9.tif
source=P1176US20 Assignment#page10.tif
source=P1176US20 Assignment#page11.tif
source=P1176US20 Assignment#page12.tif
source=P1176US20 Assignment#page13.tif

ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I

Hong LIU	citizen of People's Republic of China	6348 Oleander Way, San Diego, California 92130 USA
Xiaohui HE	citizen of People's Republic of China	12461 Dormouse Road, San Diego, California 92129 USA
Ha-Soon CHOI	citizen of South Korea	13716 Fontanelle Place, San Diego, California 92128 USA
Kunyong YANG	citizen of People's Republic of China	11861 Spruce Run Drive, #C, San Diego, California 92131 USA
David H. WOODMANSEE	citizen of the United States of America	Theaterstrasse 20, Basel 4051, Switzerland
Zhicheng WANG	citizen of People's Republic of China	13012 Chambord Way, San Diego, California 92130 USA
David A. ELLIS	citizen of the United States of America	6227 Caminito Carrena, San Diego, California 92122 USA
Baogen WU	citizen of People's Republic of China	7665 Palmilla Drive, No. 5310, San Diego, California 92122 USA
Yun HE	citizen of the United States of America	1298 Kangqiao Road, # 99, Nanhui District, Shanghai 201315, People's Republic of China
Truc Ngoc NGUYEN	citizen of United States of America	11112 Vista Sorrento Parkway #209, San Diego, California 92130 USA

do hereby sell, assign and transfer to IRM LLC, a Delaware Limited Liability Company, a body corporate organized according to the laws of the United States of America, of Hurst Holme, 12 Trott Road, Hamilton, Bermuda, HM 11 (hereinafter referred to as the "**ASSIGNEE**") and its successors, assigns and legal representatives, all of my right, title and interest for all countries of the world in and to (1) all of my inventions and discoveries described in the patent application(s) titled

COMPOUNDS AND COMPOSITIONS AS INHIBITORS OF CANNABINOID RECEPTOR 1 ACTIVITY

and filed in the United States Patent and Trademark Office on **26 April 2007** and accorded Application Number **11/718,016*** and/or filed in the RO/**US** on **26 October 2005** and accorded International Patent Application Number **PCT/US2005/038361***, (2) the patent application(s) identified in (1), (3) all national stages of any international patent application identified in (1), (4) all other patent applications in all countries and regions claiming the priority of the provisional or non-provisional patent application filed in the United States Patent and Trademark Office on **26 October 2004** and accorded Application Number **60/622,508**, and on **18 April 2005** and accorded Application Number **60/672,670**, (5) for all patent applications, all rights of priority based upon the United States patent application identified in (4) in all countries and regions under the Paris Convention for the Protection of Industrial Property, the Inter-American Convention relating to Inventions, Patents, Designs, and Industrial Models and all other international agreements to which the United States now is or hereafter becomes a signatory and, if the United States patent application identified in (4) is a provisional patent application, under 35 USC 119(e) (including the right to file patent applications on said inventions and discoveries in the names of **ASSIGNEE** or their designees or in our names, at their election and in accordance with applicable law in all countries and regions), (6) all continuations and

divisions of any United States patent application or international patent application designating the United States identified in (1), any national stages of any international application identified in (1) and any patent applications within the scope of (4) (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(4) and (6) hereinafter referred to collectively as "patent applications"), (7) all patents that are granted on any of said patent applications, (8) all registrations and confirmations of, and importation certificates based upon, one or more of said patents and applications for such registrations, confirmations and importation certificates and (9) all reissues, renewals and extensions of said patents, registrations, confirmations and importation certificates, reexamination certificates issued for said patents and supplementary protection certificates based upon said patents and applications for such reissues, renewals, extensions, reexamination certificates and supplementary protection certificates, the same to be held and enjoyed by said **ASSIGNEE** and their successors, assigns and legal representatives to the full ends of the terms for which said patents, registrations, confirmations, importation certificates, reexamination certificates, supplementary protection certificates, reissues, renewals and extensions may be granted, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made.

*We hereby authorize **ASSIGNEE** and their representatives to insert in this Assignment the filing date(s) and Application Number(s) of said patent application(s) when notified thereof.

And we hereby covenant and agree that we will, at any time, (i) upon the request, but at the expense, of **ASSIGNEE** or their successors, assigns or legal representatives execute and deliver all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, patents, registrations, confirmations, importation certificates, reissues, renewals, extensions, reexamination certificates, supplementary protection certificates and applications within the scope of (8) and (9) in **ASSIGNEE** or their successors, assigns or legal representatives, including the execution and procurement of all further documents evidencing this sale, assignment and transfer as may be necessary or desirable for recording the same in the patent office or other intellectual property office, agency or the like of any country or region, (ii) upon the request, but at the expense, of **ASSIGNEE** or their successors, assigns or legal representatives execute all additional patent applications within the scope of (3), (4) and (6) and all applications within the scope of (8) or (9) and (iii) make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE** or their successors, assigns or legal representatives.

Executed this 29th day of August, 2008.

Hong Liu L.S.

ACKNOWLEDGEMENT

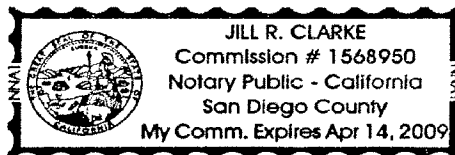
State of California)
) s.s.:
County of San Diego)

On August 29, 2008 before me, Jill R. Clarke, Notary Public, personally appeared Hong Liu who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

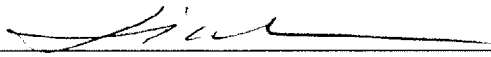
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Jill R. Clarke (Seal)



Executed this 27th day of August, 2008.

 L.S.
Xiaohui He

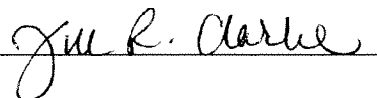
ACKNOWLEDGEMENT

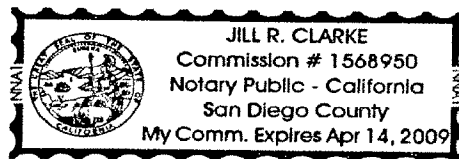
State of California)
) s.s.:
County of San Diego)

On August 27, 2008 before me, Jill R. Clarke, Notary Public, personally appeared **Xiaohui He** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



Executed this 4th day of September, 2008.

Ha-Soon Choi L.S.
Ha-Soon Choi

ACKNOWLEDGEMENT

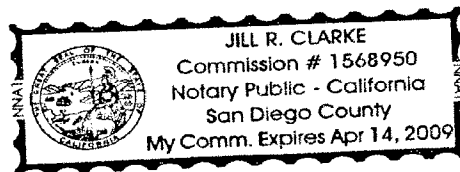
State of California)
) s.s.:
County of San Diego)

On September 4, 2008 before me, Jill R. Clarke, Notary Public, personally appeared **Ha-Soon Choi** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

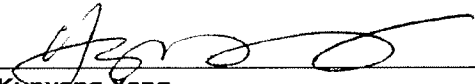
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Jill R. Clarke (Seal)



Executed this 27th day of August, 2008.

 L.S.
Kunyong Yang

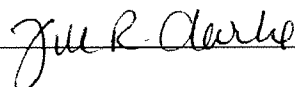
ACKNOWLEDGEMENT

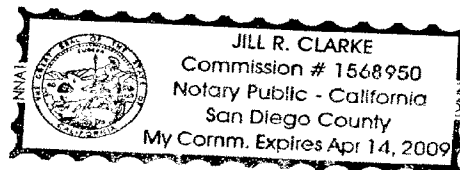
State of California)
) s.s.:
County of San Diego)

On August 27, 2008 before me, Jill R. Clarke, Notary Public, personally appeared **Kunyong Yang** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



Page 7

Executed this 4th day of September, 2008.

David H. Woodmansee

L.S.

ACKNOWLEDGEMENT

State of _____)
) s.s.:
County of _____)

On _____ before me, _____, Notary Public, personally appeared **David H. Woodmansee** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

Executed this 4th day of September, 2008.

Zhicheng Wang L.S.
Zhicheng Wang

ACKNOWLEDGEMENT

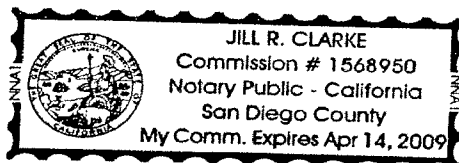
State of California)
) s.s.:
County of San Diego)

On September 4, 2008 before me, Jill R. Clarke, Notary Public, personally appeared **Zhicheng Wang** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Jill R. Clarke (Seal)



Executed this 10th day of September, 2008.

[Signature] L.S.
David A. Ellis

ACKNOWLEDGEMENT

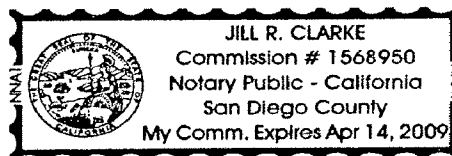
State of California)
) s.s.:
County of San Diego)

On Sept. 10, 2008 before me, Jill R. Clarke, Notary Public, personally appeared **David A. Ellis** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Signature] (Seal)



Executed this 28th day of Aug, 2008.

Baogen Wu L.S.
Baogen Wu

ACKNOWLEDGEMENT

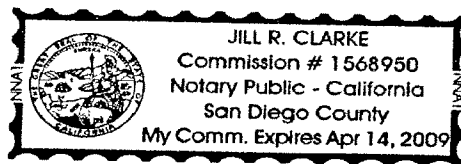
State of California)
) s.s.:
County of San Diego)

On Baogen Wu before me, Jill R. Clarke, Notary Public, personally appeared **Baogen Wu** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.


I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Jill R. Clarke (Seal)



Executed this 29 day of August, 2008.

Yun He  L.S.

ACKNOWLEDGEMENT

State of _____)
 _____) s.s.:
 County of _____)

On _____ before me, _____, Notary Public, personally appeared **Yun He** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) **is/are** subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

Executed this 29 day of August, 2008.

Truc Ngoc Nguyen L.S.
Truc Ngoc Nguyen

ACKNOWLEDGEMENT

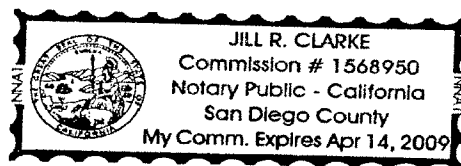
State of California)
) s.s.:
County of San Diego)

On August 29, 2008 before me, Jill R. Clarke, Notary Public, personally appeared **Truc Ngoc Nguyen** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Jill R. Clarke (Seal)



ACCEPTANCE OF ASSIGNMENT

With reference to the Assignment to **IRM LLC** of an invention entitled **COMPOUNDS AND COMPOSITIONS AS INHIBITORS OF CANNABINOID RECEPTOR 1 ACTIVITY** signed by **Hong Liu, Xiaohui He, Ha-Soon Choi, Kunyong Yang, David H. Woodmansee, Zhicheng Wang, David A. Ellis, Baogen Wu, Yun He, Truc Ngoc Nguyen**; this will certify that **IRM LLC** accepts such Assignment.

IRM LLC

By:



Timothy L. Smith, J.D., Ph.D.
Authorized Signatory and
Power of Attorney for IRM LLC

Name:

Function:

Date:

9/10/08