503099185 12/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3145791

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------|----------------|
| PIERRE-YVES MICHELLYS | 09/11/2007 |
| WEI PEI | 09/10/2007 |
| THOMAS H. MARSILJE | 09/10/2007 |
| WENSHUO LU | 09/10/2007 |
| BEI CHEN | 09/10/2007 |
| TETSUO UNO | 09/12/2007 |
| YUNHO JIN | 09/10/2007 |
| TAO JIANG | 09/11/2007 |

RECEIVING PARTY DATA

| Name: | IRM LLC, A DELAWARE LIMITED LIABILITY COMPANY |
|-----------------|---|
| Street Address: | 131 FRONT STREET, PO BOX HM 2899 |
| City: | HAMILTON |
| State/Country: | BERMUDA |
| Postal Code: | HM LX |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13610422 |

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 818-812-1525

Email: jclarke@gnf.org

Correspondent Name: EMILY TONGCO WU

Address Line 1: 10675 JOHN JAY HOPKINS DRIVE

Address Line 2: GNF

Address Line 4: SAN DIEGO, CALIFORNIA 92121

| ATTORNEY DOCKET NUMBER: | PAT052859-US-DIV02 |
|-------------------------|-----------------------------------|
| NAME OF SUBMITTER: | EMILY TONGCO WU |
| SIGNATURE: | /Emily Tongco Wu, Reg. No. 46473/ |

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503099185 REEL: 034497 FRAME: 0473

| DATE SIGNED: | 12/12/2014 |
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| Total Attachments: 6 | |
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| source=PAT052859-US-DIV_assignment#page5.tif | |
| source=PAT052859-US-DIV assignment#page6.tif | |

ASSIGNMENT

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

- 1. Pierre-Yves MICHELLYS, 1416 Corte Bravo, San Marcos, California 92069, USA, citizen of France
- 2. Wei PEI, 8688 New Salem Street, Unit 184, San Diego, California 92126, USA, citizen of China
- 3. Thomas H. MARSILJE, 1844 Narragansett Court, San Diego, California 92107, USA, citizen of USA
- 4. Wenshuo LU, 7594 Wallingford Court, San Diego, California 92126, USA, citizen of Canada
- 5. Bel CHEN, 11048 Creekbridge Place, San Diego, California 92128, USA, citizen of China
- 6. Tetsuo UNO, 4495 Shorepointe Way, San Diego, California 92130, USA, citizen of Japan
- 7. Yunho JIN, 13447 Tiverton Road, San Diego, California 92130, USA, citizen of Korea
- 8. Tao JIANG, 10721 Calle Mar de Mariposa, San Diego, California 92130, USA, citizen of China

do hereby sell, assign and transfer to IRM LLC, a Delaware Limited Liability Company, of Hurst Holme, 12 Trott Road, Hamilton, Bermuda, HM 11, and its successors, assigns and legal representatives, all of our right, title and interest for all countries of the world, hereinafter referred to collectively as the "ASSIGNEES" in and to (1) all of our inventions and discoveries described in the patent provisional or non-provisional patent application(s) titled

PYRIMIDINE DERIVATIVES AND METHODS FOR USING THEREOF

and filed in the United States Patent and Trademark Office on December 8, 2006 accorded Application Number 60/869,299*, (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 December 8, 2006 and accorded Application Number 60/869,299, (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 ASSIGNEES 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 ASSIGNEES 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.

And we hereby covenant and agree that we will, at any time, (i) upon the request, but at the expense, of ASSIGNEES 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 ASSIGNEES 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 ASSIGNEES 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 ASSIGNEES or their successors, assigns or legal representatives.

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

| Executed this 11th day of September 2007 |
|---|
| Pierre-yues MICHELLYS L.S. |
| ACKNOWLEDGEMENT |
| State of California) |
| County of <u>Sav1</u>) s.s.: |
| On this 11 + n day of September 20 07 personally appeared before me |
| <u>Plerre-Yves MICHELLYS</u> to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth. |
| (Seal) |
| Jul. Clarke |
| JILL R. CLARKE Notary Public |

Notary Public - California San Diego County My Comm. Expires Apr 14, 2009

| Executed this day of Sept 20 07. |
|--|
| Wei PEI L.S. |
| ACKNOWLEDGEMENT |
| State of Galifornia) |
| State of <u>Saliboritia</u>))s.s.: County of <u>San Diego</u>) |
| On this 10 4n day of &planter, 20 07 , personally appeared before me |
| Wei PEI to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth. |
| (Seal) JILL R. CLARKE Commission # 1568950 Notary Public - California \$ San Diego County My Comm. Expires Apr 14, 2009 |
| Executed this day of day of 20 |
| Thomas H. MARSILJE |
| ACKNOWLEDGEMENT |
| State of <u>California</u>) County of <u>San Dugo</u>) s.s.: |
| On this D ¹⁴¹ day of Septemble, 20 07, personally appeared before me |
| <u>Thomas H. MARSILUE</u> to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth. |
| (Seal) Such Clubby Notary Public |
| JILL R. CLARKE Commission # 1568950 Notary Public - California \$ San Diego County My Comm. Expires Apr 14, 2009 |

Patent Case P1283US00

| Executed this 10 day of September of |
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| Show is |
| Wenshuo LU |
| ACKNOWLEDGEMENT |
| State of California) |
| County of San Dugo) s.s.: |
| On this 10th day of September 20 77 personally appeared before me |
| Wenshuo LU to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth. |
| Seaf JILL R. CLARKE Commission # 1568950 Notary Public - California San Diego County My Comm. Expires Apr 14, 2009 |
| Executed this day of september 20_07. |
| L.S. |
| ACKNOWLEDGEMENT |
| State of California) |
| County of San Dugo) s.s.: |
| On this Dun day of Columbo 20 01 personally appeared before me |
| Bei CHEN to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth. |
| (Seal) |
| Jul Clarke |
| JILL R. CLARKE |
| Commission # 1568950 Notary Public - California \$ San Diego County |

Patent Case P1283US00

| Executed this day of | |
|--|--|
| A. A | |
| Letous lus | |
| Tetsuo UNO | |
| ACKNOWLEDGEMENT | |
| | |
| State of <u>California</u>) | |
| County of San Dugo) s.s.: | |
| County of the Dugo) | |
| On this 12+7 day of <u>September</u> 20 DI personally appeared before me | |
| <u>Tetsuo UNO</u> to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth. | |
| (Seal) JRL R. CLARKE Commission # 1568950 Notary Public - California # Natary Public | |
| San Diego County My Comm. Expires Apr 14, 2009 | |
| Executed this 10th day of feptamba 20 07 | |
| Jun Ji | |
| Yunno JIN | |
| ACKNOWLEDGEMENT | |
| State of <u>California</u> County of <u>San Dugo</u>) s.s.: | |
| County of San Dugo) s.s.: | |
| On this 10 th day of September, 20 07, personally appeared before me | |
| Yunho JIN to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth. | |
| (Seal) | |
| Jul Clary Public | |
| JILL R. CLARKE Commission # 1568950 Notary Public - California # San Diego County My Comm. Broires Apr 14, 2009 | |
| And the state of t | |

ACKNOWLEDGEMENT

State of <u>(alifornia</u>)

County of <u>Ean Jugo</u>)

s.s.:

On this 1144 day of September 20 01, personally appeared before me

<u>Tao JIANG</u> to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.

(Seal)

RECORDED: 12/12/2014

Yulk. Marly Notary Public

JILL P. CLARKE
Commission # 1568950
Notary Public - California \$
San Diego County
My Comm. Expires Apr 14, 2000