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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3469549

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|---|---------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| XIANGYANG TAN | 07/06/2012 |
| WEIXING YANG | 07/26/2012 |
| CHRISTILYN GRAFF | 07/06/2012 |
| RECEIVING PARTY DATA | |
| Name: | ECLIPSE THERAPEUTICS, INC. |
| Street Address: | 11575 SORRENTO VALLEY ROAD |
| Internal Address: | #230 |
| City: | SAN DIEGO |
| State/Country: | CALIFORNIA |
| Postal Code: | 92121 |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 14355195 |
| PCT Number: | US2012062870 |
| CORRESPONDENCE DATA | |
| Fax Number: | (949)760-9502 |
| <i>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.</i> | |
| Phone: | 9497600404 |
| Email: | efiling@knobbe.com |
| Correspondent Name: | KNOBBE MARTENS OLSON & BEAR LLP |
| Address Line 1: | 2040 MAIN STREET |
| Address Line 2: | 14TH FLOOR |
| Address Line 4: | IRVINE, CALIFORNIA 92614 |
| ATTORNEY DOCKET NUMBER: | BIONO.005NP |
| NAME OF SUBMITTER: | MARK D. MARSDEN |
| SIGNATURE: | /Mark D. Marsden/ |
| DATE SIGNED: | 08/04/2015 |
| Total Attachments: 6 | |

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ASSIGNMENT

WHEREAS, Christopher L. Reyes, a United States citizen, residing at 5750 Cape Jewels Trail, San Diego CA 92130; Peter Chu, Canadian citizen, residing at 5282 Foxborough Point, San Diego CA 92130; Xiangyang Tan, United States citizen, residing at 167 Catamount Road, Tewksbury, MA 01876; Weixing Yang, a United States citizen, residing at 57 Pleasant Street, Newton, MA 02465; and Christilyn Graff, a United States citizen, 632 Massachusetts Ave. #614, Cambridge, MA 02139, (individuals hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to ANTI-GPR49 ANTIBIODIES (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, Eclipse Therapeutics, Inc., a Delaware Corporation, with its principal place of business at 11575 Sorrento Valley Rd #230, San Diego, CA 92121 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2012.

Christopher L. Reyes

STATE OF CALIFORNIA }
}

ss.

COUNTY OF }
}

On _____, before me, _____, notary public, personally appeared Christopher L. Reyes 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.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2012.

Peter Chu

STATE OF CALIFORNIA }
 } ss.
COUNTY OF } _____

On _____, before me, _____, notary public, personally appeared Peter Chu 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.

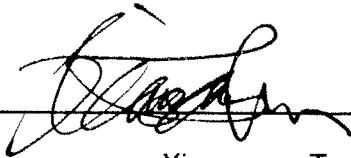
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 6 day of July, 2012.



Xiangyang Tan

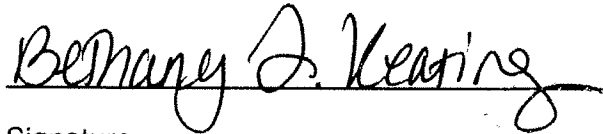
STATE OF
Massachusetts }
COUNTY OF
Middlesex }

ss.

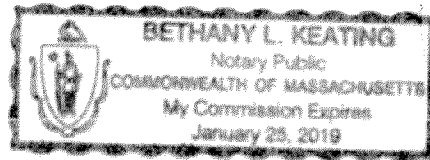
On July 6, 2012 before me, Xiangyang Tan, notary public, personally appeared Xiangyang Tan who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized 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.

WITNESS my hand and official seal.

[SEAL]



Signature



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 26 day of July, 2012.

Weixing Yang

Weixing Yang

STATE OF MASSACHUSETTS

ss.

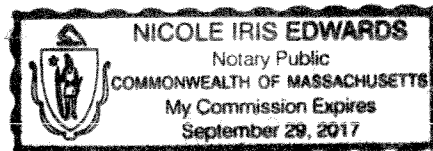
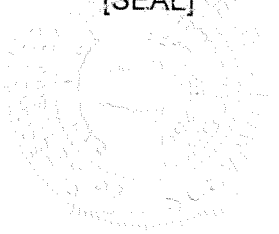
COUNTY OF MIDDLESEX

On 26 JULY 2012, before me, Nicole Edwards, notary public, personally appeared Weixing 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.

WITNESS my hand and official seal.

Nicole Edwards
Signature

[SEAL]



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 6 day of July, 2012.

Christilyn Graff
Christilyn Graff

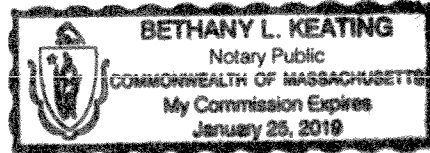
STATE OF
Massachusetts }
COUNTY OF
Middlesex } ss.

On July 6, 2012 before me, Christilyn Graff, notary public, personally appeared Christilyn Graff 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.

WITNESS my hand and official seal.

[SEAL]

Bethany L. Keating
Signature



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