PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI104695

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| Edward Robert | 07/21/2009 |
| Hugh Rosen | 07/16/2009 |
| Steven Brown | 07/16/2009 |
| Miguel A. Guerrero | 07/21/2009 |
| Xuemei Peng | 07/20/2009 |
| Ramulu Poddutoori | 07/14/2009 |

RECEIVING PARTY DATA

| Company Name: | The Scripps Research Institute |
|-----------------|--------------------------------|
| Street Address: | 10550 North Torrey Pines Rd. |
| City: | La Jolla |
| State/Country: | CALIFORNIA |
| Postal Code: | 92037 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13605561 |

CORRESPONDENCE DATA

Fax Number: 6123736900

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: 6123736900 Email: uspto@slwip.com

SCHWEGMAN LUNDBERG & WOESSNER P.A. **Correspondent Name:**

Address Line 1: P.O. BOX 2938

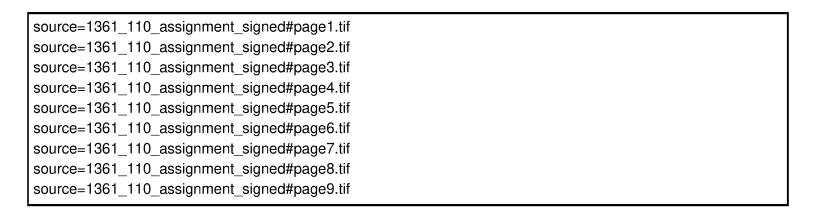
Address Line 4: MINNEAPOLIS, MINNESOTA 55402

| ATTORNEY DOCKET NUMBER: | 1361.110US4 |
|-------------------------|--------------|
| NAME OF SUBMITTER: | Cheryl Knapp |
| SIGNATURE: | Cheryl Knapp |
| DATE SIGNED: | 03/19/2024 |

Total Attachments: 9

PATENT REEL: 066825 FRAME: 0449

508446629



PATENT REEL: 066825 FRAME: 0450

ASSIGNMENT

WHEREAS, We, Edward Roberts, residing at 10550 North Torrey Pines Rd, La Jolla, CA 92037, and Hugh Rosen, residing at 10550 North Torrey Pines Rd, La Jolla, CA 92037, and Steven Brown, residing at 10550 North Torrey Pines Rd, La Jolla, CA 92037, and Miguel A. Guerrero, residing at 10550 North Torrey Pines Rd, La Jolla, CA 92037, and Xucmei Peng, residing at 10550 North Torrey Pines Rd, La Jolla, CA 92037, and Ramulu Poddutoori, residing at 10550 North Torrey Pines Rd, La Jolla, CA 92037, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on May 14, 2008, which application was assigned U.S. patent application serial number 61/127,603, and is entitled NOVEL MODULATORS OF SPHINGOSINE PHOSPHATE RECEPTORS: and U.S. patent application serial number 12/465,767, filed on May 14, 2009, and is entitled NOVEL MODULATORS OF SPHINGOSINE PHOSPHATE RECEPTORS; and filed an international patent application on May 14, 2009, under International Application No. PCT/US2009/003014, and is entitled NOVEL MODULATORS OF SPHINGOSINE PHOSPHATE RECEPTORS:

AND WHEREAS, <u>The Scripps Research Institute</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>California</u>, and having an office and place of business at <u>10550 North Torrev Pines Rd. La Jolla. CA 92037</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, priority right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

PATENT REEL: 066825 FRAME: 0451.

Client Ref. No. TSRI Case 1312.1 / RP10005P

Serial Number: 12/465,767 Filing Date: May 14, 2009

Title: NOVEL MODULATORS OF SPHINGOSINE PHOSPHATE RECEPTORS

Page 2 of 9

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

PATENT REEL: 066825 FRAME: 0452

Client Ref. No. TSRJ Case 1312.1 / RPI0005P

Serial Number: 12/465,767

Filing Date: Muy 14, 2009
Title: NOVEL MODULATORS OF SPHINGOSINE PHOSPHATE RECEPTORS

Page 3 of 9

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

> PATENT REEL: 066825 FRAME: 0453

Client Ref. No. TSRI Case 1312.1 / RPI0005P Serial Number: 12/465,767

Filing Date: May 14, 2009
Title: NOVEL MODULATORS OF SPHINGOSINE PHOSPHATE RECEPTORS

PANCY L. BARKER Commission # 1599736 Notary Public - California

San Diego County My Comm. Expires Aug 18, 2009

Page 4 of 9

[SEAL]

| IN TESTIMONY WHEREOF, I have hereur | nto set my hand this $2/2^{2}$ day of |
|--|---|
| July , 20 <u>09</u> . | <u> </u> |
| | Solts |
| 0.4-0 | Edward Roberts |
| STATE OF <u>California</u> | |
| oounty of <u>San Diego</u> | |
| On this <u>2151</u> day of <u>July</u> 200 | of before me personally appeared Edward |
| Roberts, to me known and known to me to be the person | described in and who executed the foregoing |
| nstrument, and he/she duly acknowledged to me that hc/ | she executed the same for the uses and purposes |
| herein set forth | |

Notary Public

Docket No: I361.110US1 Client Ref. No. TSRI Case 1312.1 / RP10005P Serial Number: 12/465,767

Filing Date: May 14, 2009
Tide: NOVEL MODULATORS OF SPHINGOSINE PHOSPHATE RECEPTORS

Page 5 of 9

| IN TESTIMONY WHEREOF, I have hereunto set my hand this day of |
|--|
| Jaly 20 09. |
| - Holgo- |
| STATE OF California Hugh Rosen |
| COUNTY OF San Treso |
| On this 16th day of Joly , 2009 before me personally appeared Hugh Rosen, |
| to me known and known to me to be the person described in and who executed the foregoing instrument, |
| and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set |
| forth. NANCY L. BARKER |
| San Diego County My Comm. Expires Aug 18, 2009 San Diego County My Comm. Expires Aug 18, 2009 |
| Notary Public |

Client Ref. No. TSRI Case 1312.1 / RPI0005P

Serial Number: 12/465,767 Filing Date: May 14, 2009

Title: NOVEL MODULATORS OF SPHINGOSINE PHOSPHATE RECEPTORS

Page 6 of 9

Steven Brown

STATE OF California

COUNTY OF Jan Diego

On this / 6 day of July, 20 of before me personally appeared Steven

Brown, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

MANCY L. BARKER
Commission # 1599736
Notary Public - California
San Diego County
My Comm. Expires Aug 18, 2009

Notary Public

Client Ref. No. TSRI Case 1312.1 / RP10005P Serial Number: 12/465,767

Filing Date: May 14, 2009
Title: NOVEL MODULATORS OF SPHINGOSINE PHOSPHATE RECEPTORS

My Comm. Expires Aug 18, 2009

Page 7 of 9

| IN TESTIMONY WHEREOF, I have hereunt | o set my hand this <u>2/5</u> day of |
|---|--|
| · | June 3. |
| | Miguel A. Guerrero |
| STATE OF <u>California</u> | - |
| On this 21 th day of July 200 | 7 before me personally appeared Miguel A |
| Guerrero, to me known and known to me to be the person | |
| instrument, and he/she duly acknowledged to me that he/sh | |
| therein set forth. | ie executed the same for the uses and purposes |
| NANCY L. BARKER Commission # 1599734 | Daney & Barle |

Notary Public

Client Ref. No. TSRI Case 1312.1 / RP10005P

Serial Number: 12/465,767

Filing Date: May 14, 2009
Title: NOVEL MODULATORS OF SPHINGOSINE PHOSPHATE RECEPTORS

MY COMMISSION EXPIRES SEPT 19, 2011

Page 8 of 9

| IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of July, 2009. |
|--|
| - Xaganoi - Person |
| Xuemei Peng |
| STATE OF New Jersey |
|) _{ss} |
| COUNTY OF (Mion) |
| On this 20 day of 104 2009 before me personally appeared Xuemei |
| Peng. to me known and known to me to be the person described in and who executed the foregoing |
| instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes |
| therein set forth. |
| |
| [SEAL] MARIE F. SELTZER NOTARY PUBLIC STATE OF NEW JERSEY ALL STATE OF NEW JERSEY |

Notary Public

Client Ref. No. TSRI Case 1312,1 / RPI0005P

Serial Number: 12/465,767 Filing Date: May 14, 2009

Tide: NOVEL MODULATORS OF SPHINGOSINE PHOSPHATE RECEPTORS

Page 9 of 9

| IN TESTIMONY WHEREOF, I ha | we hereunto set my hand this <u>14⁴</u> day of |
|----------------------------|---|
| | Maly- |
| | Ramulu Poddutoori |

STATE OF KAKNETIAS A

COUNTY OF ___

, 20 💇 before me personally appeared <u>Ramulu</u> Poddutoori, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

votary Pablicovt. of India # 96, 17th Green Someshwara Nager

Jayanagar 1st Block, Bangalun

4 JUL 2009

PATENT