#### 506527218 02/26/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6573994

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

# **CONVEYING PARTY DATA**

| Name                    | Execution Date |
|-------------------------|----------------|
| LYUDMYLA CHUMAKOVA      | 09/29/2016     |
| ANDREW PATRON           | 09/28/2016     |
| CHAD PRIEST             | 09/29/2016     |
| DONALD KARANEWSKY       | 09/29/2016     |
| RACHEL KIMMICH          | 10/07/2016     |
| BRANT CLAYTON BOREN     | 10/31/2016     |
| JEFFREY ROBERT HAMMAKER | 09/29/2016     |
| VOLODYMYR CHUMAKOV      | 10/04/2016     |
| WEN ZHAO                | 09/30/2016     |
| ALAIN NONCOVICH         | 11/02/2016     |
| JANE UNG                | 09/28/2016     |

### **RECEIVING PARTY DATA**

| Name:           | SENOMYX, INC.           |
|-----------------|-------------------------|
| Street Address: | 4767 NEXUS CENTRE DRIVE |
| City:           | SAN DIEGO               |
| State/Country:  | CALIFORNIA              |
| Postal Code:    | 92121                   |

# **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 16574657 |

# **CORRESPONDENCE DATA**

Fax Number: (858)707-4001

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: 858-707-4000 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

PAIENI REEL: 055427 FRAME: 0764 506527218

| ATTORNEY DOCKET NUMBER:                            | SNMX.018D2      |  |
|--|-----------------|--|
| NAME OF SUBMITTER:                                 | RYAN E. MELNICK |  |
| SIGNATURE:   | /Ryan Melnick/  |  |
| DATE SIGNED:                                       | 02/26/2021      |  |
| Total Attachments: 12                              |                 |  |
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PATENT REEL: 055427 FRAME: 0765

U.S. Application No.: 14/768146

Docket Number: SNMX.018WO Docket Number: SNMX.018NP

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## ASSIGNMENT

WHEREAS, Lyudmyla Chumakova, residing at San Diego, CA, Andrew Patron, residing at San Marcos, CA, Chad Priest, residing at Cardiff, CA, Donald Karanewsky, residing at Escondido, CA, Rachel Kimmich, residing at San Diego, CA, Brant Clayton Boren, residing at San Diego, CA, Jeffrey Robert Hammaker, residing at San Diego, CA, Volodymyr Chumakov, residing at San Diego, CA, Wen Zhao, residing at San Diego, CA, Alain Noncovich, residing at San Diego, CA, Jane Ung, residing at San Diego, CA, (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to COMPOUNDS USEFUL AS MODULATORS OF TRPM8 (collectively hereinafter referred to as the "Work") for which applications have been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Applications");

AND WHEREAS, Senomyx, Inc., a Delaware Corporation, having an address at 4767 Nexus Centre Drive, San Diego, CA 92121 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Applications 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 Applications and the Work, including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s), 61/766,458, 61/829,367, and 61/829,530, filed February 19, 2013, May 31, 2013, and May 31, 2013 (respectively if plural applications)), 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 Applications and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Applications and the Work including any improvements made thereto, any patent applications filled therefrom, and any continuing application filled 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.

PATENT REEL: 055427 FRAME: 0766

U.S. Application No.: 14/768146

Docket Number: SNMX.018WO Docket Number: SNMX.018NP

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Legal Name of inventor: Lyudmyla Chumakova

Signature:

\_\_\_\_\_Date: <u>09/29//</u>

Signature before a Notary is desirable but not fequired.

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA

COUNTY OF SON Diego ss.

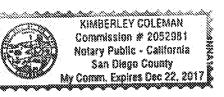
On <u>VAT 2016</u>, before me, <u>CANBARA (DANBARA)</u>, notary public, personally appeared Lyudmyla Chumakova who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same 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]



U.S. Application No.: 14/768146

Docket Number: SNMX.018WO Docket Number: SNMX.018NP

Page 3 of 12

Legal Name of inventor: Andrew Patron,

Signature:

\_\_\_\_ Date: <u>9-28-16</u>

Signature before a Notary is desirable but not required.

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA

COUNTY OF SONDICED

On <u>14-28, 2016</u>, before me, <u>1400//144</u> Outron Motary public, personally appeared Andrew Patron 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.

SS.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

KIMBERLEY COLEMAN
Commission # 2052981
Notary Public - California
San Diego County
My Comm. Expires Dec 22, 2017

U.S. Application No.: 14/768146

Docket Number: SNMX.018WO Docket Number: SNMX.018NP

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Legal Name of inventor: Chad Priest

Signature:

//// Date: 9/29/16

র্Signature before a Notary is desirable but not required.

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA

COUNTY OF SUN DUE

SS.

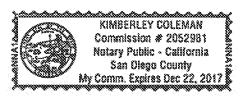
On 29 2014, before me, Surviva (a) (a) (a) notary public, personally appeared Chad Priest who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized 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]



U.S. Application No.: 14/768146

Docket Number: SNMX.018WO Docket Number: SNMX.018NP

Page 5 of 12

Legal Name of inventor: Donald Karanewsky

Signature:

Direct /huruny/gate

Signature before a Notary is designable but not required.

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA

COUNTY OF SAN DIGO

On Line Diene, Line Diene, notary public, personally appeared Donald Karanewsky 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

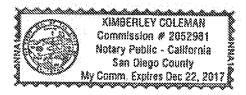
SS.

foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]

Notary Signatuko



U.S. Application No.: 14/768146

Docket Number: SNMX.018WO Docket Number: SNMX.018NP

Page 6 of 12

Legal Name of inventor: Rachel Kimmich

Signature:

Signature before a Notary is desirable but not required.

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STATE OF CALIFORNIA

COUNTY OF SAN DICES

On <u>Ct. 7.206</u>, before me, <u>Limbolo Querous</u>, notary public, personally appeared Rachel Kimmich who proved to the 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.

SS.

WITNESS my hand and official seal.

[SEAL]

Notary Signathfe



PATENT REEL: 055427 FRAME: 0771

U.S. Application No.: 14/768146

Docket Number: SNMX.018WO Docket Number: SNMX.018NP

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Legal Name of inventor: Brant Clayton Boren

Signature:

Date: 10-31-16

Signature before a Notary is desirable but not required.

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STATE OF CALIFORNIA

, before me.

Kimbalan Col personally appeared Brant Clayton Boren 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.

**SS**.

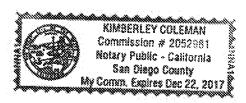
I certify under PENALTY OF PERJURY under the laws of the State of California that the

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WITNESS my hand and official seal.

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Notary Signativie



U.S. Application No.: 14/768146

Docket Number: SNMX.018WO Docket Number: SNMX.018NP

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Legal Name of inventor: Jeffrey Robert Hammaker

Signature:

Walter Date: 9-

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STATE OF CALIFORNIA

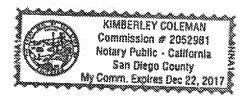
COUNTY OF SAN DEED SS.

On <u>VIII</u>, before me, <u>KINOUIU</u>, notary public, personally appeared Jeffrey Robert Hammaker 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.

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WITNESS my hand and official seal.

[SEAL]



U.S. Application No.: 14/768146

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Legal Name of inventor: Volodymyr Chumakov

Signature:

Date: 10/04/2016

Signature before a Notary is desirable but not required.

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STATE OF CALIFORNIA

COUNTY OF SUN DIESP

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SS.

WITNESS my hand and official seal.

[SEAL]

Notary Signatofe

KIMBERLEY COLEMAN
Commission # 2052981
Notary Public - California
San Diego County
My Comm. Expires Dec 22, 2017

U.S. Application No.: 14/768146

Docket Number: SNMX.018WO Docket Number: SNMX.018NP

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Legal Name of inventor: Wen Zhao

Signature:

Carried States

Date:

9/30/16

Signature before a Notary is desirable but not required.

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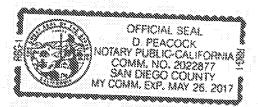
COUNTY OF San Diego

On <u>Q-30-16</u>, before me, <u>D. Peacork</u>, notary public, personally appeared Wen Zhao 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.

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WITNESS my hand and official seal.

[SEAL]



U.S. Application No.: 14/768146

Docket Number: SNMX.018WO Docket Number: SNMX.018NP

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Legal Name of inventor: Alain Noncovich

Signature:

Lais\_/Vorcon/\\_\_\_\_Date: NOV\_02 2016

Signature before a Notary is desirable but not required.

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STATE OF CALIFORNIA

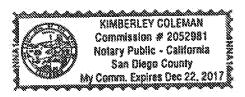
COUNTY OF SAN DEED SS.

On NO. 2, 206, before me, LIVA (DUY UM), notary public, personally appeared Alain Noncovich 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.

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WITNESS my hand and official seal.

[SEAL]



U.S. Application No.: 14/768146

Docket Number: SNMX.018WO Docket Number: SNMX.018NP

Page 12 of 12

Legal Name of inventor: Jane Ung

Signature:

Date:

Signature before a Wotary is desirable but not required.

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STATE OF CALIFORNIA

COUNTY OF SUN DICK

SS.

201 28, 2016, before me, WWOGKY COLUMAN, notary public, personally appeared Jane Ung 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.

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foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

KIMBERLEY COLEMAN Commission # 2052981 Notary Public - California San Diego County My Comm. Expires Dec 22, 2017

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**PATENT** 

REEL: 055427 FRAME: 0777

RECORDED: 02/26/2021