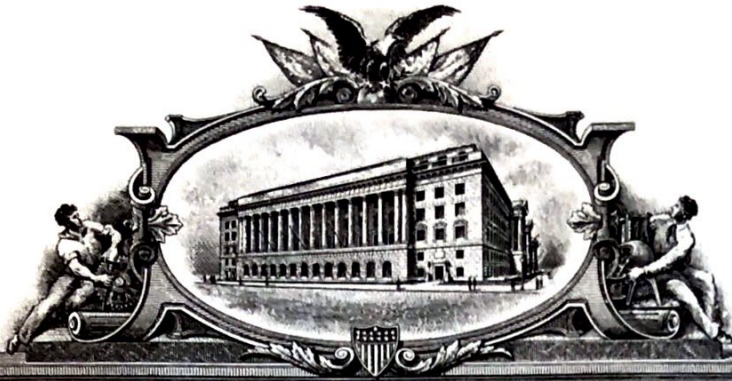


A 8051281



# THE UNITED STATES OF AMERICA

**TO ALL TO WHOM THESE PRESENTS SHALL COME:**

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

July 09, 2020

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE  
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON  
NOVEMBER 6, 2018.

By Authority of the  
Under Secretary of Commerce for Intellectual Property  
and Director of the United States Patent and Trademark Office



*W. Montgomery*  
**W. MONTGOMERY**  
Certifying Officer

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5224480

| <b>SUBMISSION TYPE:</b>                                                                                                                                                                                             | NEW ASSIGNMENT              |                |                     |            |                   |            |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------|---------------------|------------|-------------------|------------|--|
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                                        | ASSIGNMENT                  |                |                     |            |                   |            |  |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                                         |                             |                |                     |            |                   |            |  |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>KATHLEEN ANN MARTIN</td><td>10/25/2018</td></tr><tr><td>CARMELA SIDRAUSKI</td><td>10/25/2018</td></tr></tbody></table> | Name                        | Execution Date | KATHLEEN ANN MARTIN | 10/25/2018 | CARMELA SIDRAUSKI | 10/25/2018 |  |
| Name                                                                                                                                                                                                                | Execution Date              |                |                     |            |                   |            |  |
| KATHLEEN ANN MARTIN                                                                                                                                                                                                 | 10/25/2018                  |                |                     |            |                   |            |  |
| CARMELA SIDRAUSKI                                                                                                                                                                                                   | 10/25/2018                  |                |                     |            |                   |            |  |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                                         |                             |                |                     |            |                   |            |  |
| <b>Name:</b>                                                                                                                                                                                                        | CALICO LIFE SCIENCES LLC    |                |                     |            |                   |            |  |
| <b>Street Address:</b>                                                                                                                                                                                              | 1170 VETERANS BLVD          |                |                     |            |                   |            |  |
| <b>City:</b>                                                                                                                                                                                                        | SOUTH SAN FRANCISCO         |                |                     |            |                   |            |  |
| <b>State/Country:</b>                                                                                                                                                                                               | CALIFORNIA                  |                |                     |            |                   |            |  |
| <b>Postal Code:</b>                                                                                                                                                                                                 | 94080                       |                |                     |            |                   |            |  |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                                    |                             |                |                     |            |                   |            |  |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>62580742</td></tr></tbody></table>                                                        | Property Type               | Number         | Application Number: | 62580742   |                   |            |  |
| Property Type                                                                                                                                                                                                       | Number                      |                |                     |            |                   |            |  |
| Application Number:                                                                                                                                                                                                 | 62580742                    |                |                     |            |                   |            |  |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                                          |                             |                |                     |            |                   |            |  |
| Fax Number:                                                                                                                                                                                                         |                             |                |                     |            |                   |            |  |
| <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>                     |                             |                |                     |            |                   |            |  |
| Email:                                                                                                                                                                                                              | KCOMISKEY@GOODWINLAW.COM    |                |                     |            |                   |            |  |
| Correspondent Name:                                                                                                                                                                                                 | GOODWIN PROCTER LLP         |                |                     |            |                   |            |  |
| Address Line 1:                                                                                                                                                                                                     | 100 NORTHERN AVENUE         |                |                     |            |                   |            |  |
| Address Line 4:                                                                                                                                                                                                     | BOSTON, MASSACHUSETTS 02210 |                |                     |            |                   |            |  |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                                      | CLS-007PR                   |                |                     |            |                   |            |  |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                                           | KERRY K. COMISKEY           |                |                     |            |                   |            |  |
| <b>SIGNATURE:</b>                                                                                                                                                                                                   | /Kerry K. Comiskey/         |                |                     |            |                   |            |  |
| <b>DATE SIGNED:</b>                                                                                                                                                                                                 | 11/06/2018                  |                |                     |            |                   |            |  |
| <b>Total Attachments: 8</b>                                                                                                                                                                                         |                             |                |                     |            |                   |            |  |
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## ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Kathleen Ann Murphy and Christina Salvendy (hereinafter referred to as Assignors), residing at 3650 Sacramento Street, San Francisco, California 94118 and 20144 Walnut Ave., San Diego, California 92170, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in MOLECULAR BEAM INTEGRATED STRONG PATHWAYS, as such is a Provisional application for United States Patent of the United States, already filed on November 1, 1997 as U.S. Application No. 08/977402; and

WHEREAS, Calico Life Sciences LLC, a limited liability company having its principal place of business at 1170 Veterans Blvd, South San Francisco, California 94080 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to the above-captioned Provisional Application for Letters Patent of the United States, and in and to the Letters Patent to be obtained therefrom and thereon;

Now, KNOWINGLY, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, conveyed and set over, and by these presents do sell, assign, convey and set over, unto Assignee, its successors, heirs, representatives and assigns, the entire right, title and interest in and to the above-captioned inventions and applications for Letters Patent, and in and to any and all rights and claims, claims, and conditions and contingencies in part of said inventions, and in and to all Letters Patent of the United States and all foreign countries which may hereafter be obtained thereon, and claims, and matters, recommendations and extensions of said Letters Patent, and in and to the International Convention for the Protection of Industrial Property, the scope of which is set forth by Assignors, for its own use and benefit and the use and benefit of its successors, heirs, representatives and assigns, to the full term of the term or terms of said Letters Patent, which may be granted and/or extended, as fully and completely as the law of the United States and laws and regulations of Assignors, and this sale and assignment shall be

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by Kathleen Ann Martin and Carmela Sidrauski (hereinafter referred to as Assignors), residing at 3450 Sacramento Street, San Francisco, California 94118; and 20434 Walnut Ave, Saratoga, California 95070, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in MODULATORS OF THE INTEGRATED STRESS PATHWAY, set forth in a Provisional application for Letters Patent of the United States, already filed on November 2, 2017 as U.S. Application No. 62/580742; and

**WHEREAS**, Calico Life Sciences LLC, a limited liability company having its principal place of business at 1170 Veterans Blvd, South San Francisco, California 94080 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and

delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

GOODWIN PROCTER LLP

All practitioners at Customer Number 051414

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

*William B. ...*  
Assignor

Date \_\_\_\_\_

Legal Name of Assignor \_\_\_\_\_

Age of \_\_\_\_\_

Country of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_

personally came \_\_\_\_\_

*William B. ...*

declared to me and acknowledged the foregoing statements, and acknowledged execution of the same

Notary Public

*I, \_\_\_\_\_, California Notary Public*  
*do hereby certify that the foregoing*  
*acknowledgment is correct*

Kathleen Ann Martin  
Kathleen Ann Martin

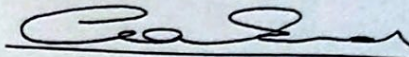
Date: \_\_\_\_\_

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me  
personally came Kathleen Ann Martin, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

\_\_\_\_\_  
Notary Public

*See attached California All-Purpose  
Acknowledgement*



Carmela Sidrauski

Date: \_\_\_\_\_

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me  
personally came Carmela Sidrauski, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

\_\_\_\_\_  
Notary Public

*See attached California All-Purpose  
Acknowledgement*

ASSIGNEE hereby accepts receipt of the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS.

10-25-18  
Date

By: Calico Life Sciences LLC

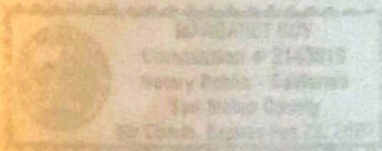
Signature

JONATHAN L. LEWIS

Printed Name of Signor

VP, BUSINESS DEVELOPMENT

Title/Authority of Signor



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

I declare my hand and official seal.

Signature

Signature of Notary Public

Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can assist allocation of the document or facilitate reassignment of this title to an unrelated document.

Description of Attached Document:

Title or Type of Document:

Document Date:

Number of Pages:

Signor(s) Other Than Named Above:

Capacity/Relationship Claimed by Signor(s)

Signor's Name:

Signor's Name:

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☐ Corporate Officer - Title:

☐ Partner - ☐ Limited ☐ General

☐ Partner - ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Trustee ☐ Guardian or Conservator

☐ Other:

☐ Other:

Signor is Representing:

Signor is Representing:

CLS-007PR

PATENT  
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# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

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 MATEO )

On OCTOBER 25, 2018 before me, MARGARET ROY

Date

Here Insert Name and Title of the Officer

personally appeared KATHLEEN ANN MARTIN AND

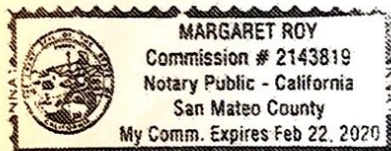
Name(s) of Signer(s)

CARMELA SIDRAUSKI

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]  
Signature of Notary Public

Place Notary Seal Above

## OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

### Description of Attached Document

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_

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### Capacity(ies) Claimed by Signer(s)

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

