507683867 01/09/2023

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| MICAH BENSON | 04/22/2019 |
| JASON MERKIN | 04/15/2019 |
| GREGORY V. KRYUKOV | 04/23/2019 |
| SOLOMON MARTIN SHENKER | 04/15/2019 |
| MICHAEL SCHLABACH | 04/17/2019 |
| NOAH TUBO | 04/23/2019 |

RECEIVING PARTY DATA

| Name: | KSQ THERAPEUTICS, INC. | |
|-----------------|------------------------|--|
| Street Address: | 610 MAIN STREET NORTH | |
| City: | CAMBRIDGE | |
| State/Country: | MASSACHUSETTS | |
| Postal Code: | 02139 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17836793 |

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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| ATTORNEY DOCKET NUMBER: K0713.70003US07 | |
|---|---------------------|
| NAME OF SUBMITTER: | KATELYN R. FARMER |
| SIGNATURE: | /Katelyn R. Farmer/ |
| DATE SIGNED: | 01/09/2023 |

PATENT 507683867 REEL: 062311 FRAME: 0471

Total Attachments: 10 source=K071370003US07-ASI-HJD#page1.tif source=K071370003US07-ASI-HJD#page2.tif source=K071370003US07-ASI-HJD#page3.tif source=K071370003US07-ASI-HJD#page4.tif source=K071370003US07-ASI-HJD#page5.tif source=K071370003US07-ASI-HJD#page6.tif source=K071370003US07-ASI-HJD#page7.tif source=K071370003US07-ASI-HJD#page8.tif source=K071370003US07-ASI-HJD#page9.tif source=K071370003US07-ASI-HJD#page9.tif

ASSIGNMENT

Micah BENSON, Jason MERKIN, Gregory V. KRYUKOV, Solomon Martin SHENKER, Michael SCHLABACH and Noah TUBO, all having a mailing address at c/o KSQ Therapeutics, Inc., 610 Main Street North, 4th Floor, Cambridge, MA 02139, (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled GENE-REGULATING COMPOSITIONS AND METHODS FOR IMPROVED IMMUNOTHERAPY, and which is a:

| (1) | provisional application (a) to be filed herewith; or (b) bearing Application No., filed or ; |
|-----|---|
| (2) | ✓ non-provisional application (a) ☐ to be filed herewith; or (b) ☒ bearing Application No. 16/354,102,and filed or March 14, 2019; and/or |
| (3) | PCT application (a) bearing Application No., and filed on. |
| (4) | a patent application bearing Serial No. , and filed on ; |
| | and/or |
| (5) | attached hereto |

WHEREAS, KSQ Therapeutics, Inc., a corporation having its principal place of business at 610 Main Street North, 4th Floor, Cambridge, MA 02139, its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by

these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified above;
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and

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that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

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| Date: | 4-22-2019 | By: Mer | _ |
|-------------|--------------------------|---|-------------|
| | | Micah Benso | n |
| | | | |
| I certify t | hat I know or have sa | tisfactory evidence that Micah Benson s | signed this |
| instrument | of his/her own free v | vill, as a voluntary act for the uses and | l purposes |
| mentioned | in the instrument. | | |
| Date | 04/22/2019 | Signed at Cambrilge, MA | |
| | (Type or Print) | | |
| Vi | Horia L. Brown | Victoria & F | |
| (Type | or Print Name of Witness | s) (Signature of Witne | ess) |

| Date: | 4/15/19 | Ву: |
|-------|------------|--------------|
| | <i>I</i> I | Jason Merkin |

I certify that I know or have satisfactory evidence that **Jason Merkin** signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

| Date | Signed atCambridge, MA |
|-----------------------------|------------------------------|
| | |
| Victoria L. Brown | Victoria & B |
| (Type or Print Name of Witr | ness) (Signature of Witness) |

| Attorney | Docket No. | KSOT-007/04US | 326818-2045 |
|----------|------------|----------------|-------------|
| ALLUTHEV | DOCKEL NO. | NOU 1-00//0400 | 340010-4043 |

Date: 04/23/2019

By: Gregory V. Kryukov

I certify that I know or have satisfactory evidence that Gregory V. Kryukov signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date 04/23/2019

(Type or Print)

Signed at Cambrilge, MA

200088542 v1

(Type or Print Name of Witness)

Attorney Docket No. KSQT-007/04US 326818-2045 Page 7 of 10

| Date: 4.15.19 | Ву: _ С _ С |
|---|---|
| | Solomon Martin Shenker |
| | |
| | |
| I certify that I know or have satisfactory | evidence that Solomon Martin Shenker signed |
| | l, as a voluntary act for the uses and purposes |
| mentioned in the instrument. | |
| | |
| | |
| | |
| Date $\frac{04/15/2019}{\text{(Type or Print)}}$ Sign | ned at <u>Cambridge</u> , MA |
| (Type or Print) | |
| | |
| · | |
| Victoria L. Brown | Victoria Z P |
| (Type or Print Name of Witness) | (Signature of Witness) |

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| Date: | 7/19 | By: Alle |
|--------------------|----------------------|---|
| | | Michael Schlabach |
| | | |
| | | |
| I certify that I k | now or have satisfac | ctory evidence that Michael Schlabach signed this |
| instrument of h | is/her own free wil | II, as a voluntary act for the uses and purpose |
| mentioned in the | instrument. | |
| | ı | |
| Date 04/17 | 12019 | Signed at Cambridge, MA |
| (Type | or Print) | |
| | | |
| | | |
| Victoria L | . Brown | Victoria & Be |
| (Type or Prin | t Name of Witness) | (Signature of Witness) |

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| Date: 4/23/19 | By | : 1/1/2 |
|--|---------------|--|
| | | Noah Tubo |
| | | |
| | | |
| I certify that I know or have satisfac | ctory eviden | ce that Noah Tubo signed this instrument |
| of his/her own free will, as a volum | ntary act for | the uses and purposes mentioned in the |
| instrument. | | |
| 111/22/2016 | | Cambridge, MA |
| Date 04 / 23 / 2019 (Type or Print) | Signed at_ | Cambringe |
| (Type of Fillit) | | |
| | | |
| <i>'</i> | | (= : c. P |
| Victoria L. Brown | | Victoria & B |
| (Type or Print Name of Witness | s) | (Signature of Witness) |

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| For and on behalf of ASSIGNEE: | | |
|--|---|------------------|
| Date: 4/23/2019 | By: Name: John Trzupek, MBA, Ph. Title: CFO, Head of Corpora Development Chic Company: KSQ Therapeutics, Inc. | te f Business |
| | sfactory evidence that John Trzupek signed tell, as a voluntary act for the uses and purpo | |
| Date | Signed at Cambridge, MA | |
| Victoria L. Brown (Type or Print Name of Witness) | (Signature of Witness) | |

200088542 v1