

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6012746

| | | |
|------------------------------|---|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | SECURITY INTEREST | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | CSA MEDICAL, INC. | 02/28/2020 |
| RECEIVING PARTY DATA | | |
| Name: | CHV III, L.P. | |
| Street Address: | 101 SOUTH HANLEY ROAD, STE 200 | |
| City: | CLAYTON | |
| State/Country: | MISSOURI | |
| Postal Code: | 63105 | |
| Name: | SV LIFE SCIENCES FUND V, L.P. | |
| Street Address: | 201 WASHINGTON STREET, SUITE 3900 | |
| City: | BOSTON | |
| State/Country: | MASSACHUSETTS | |
| Postal Code: | 02108 | |
| Name: | SV LIFE SCIENCES FUND V, STRATEGIC PARTNERS, L.P. | |
| Street Address: | 201 WASHINGTON STREET, SUITE 3900 | |
| City: | BOSTON | |
| State/Country: | MASSACHUSETTS | |
| Postal Code: | 02108 | |
| Name: | INTERSOUTH PARTNERS VII, L.P. | |
| Street Address: | 102 CITY HALL PLAZA | |
| City: | DURHAM | |
| State/Country: | NORTH CAROLINA | |
| Postal Code: | 27701 | |
| Name: | FIRST ANALYSIS PRIVATE EQUITY FUND V-A, L.P. | |
| Street Address: | ONE SOUTH WACKER DRIVE | |
| City: | CHICAGO | |
| State/Country: | ILLINOIS | |
| Postal Code: | 60606 | |
| Name: | FIRST ANALYSIS PRIVATE EQUITY FUND V, L.P. | |
| Street Address: | ONE SOUTH WACKER DRIVE | |
| City: | CHICAGO | |

PATENT

| | |
|------------------------|---|
| State/Country: | ILLINOIS |
| Postal Code: | 60606 |
| Name: | FIRST ANALYSIS PRIVATE EQUITY FUND V-C, L.P. |
| Street Address: | ONE SOUTH WACKER DRIVE |
| City: | CHICAGO |
| State/Country: | ILLINOIS |
| Postal Code: | 60606 |
| Name: | MATHERS ASSOCIATES |
| Street Address: | 5 SENTRY PARKWAY WEST, SUITE 200 |
| City: | BLUE BELL |
| State/Country: | PENNSYLVANIA |
| Postal Code: | 19422 |
| Name: | DISRUPTIVE INNOVATION FUND, LP |
| Street Address: | 4 SOUTH MARKET BUILDING |
| City: | BOSTON |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 02109 |
| Name: | BHCM CSA MEDICAL, LLC |
| Street Address: | 9030 STONY POINT PARKWAY, SUITE 140 |
| City: | RICHMOND |
| State/Country: | VIRGINIA |
| Postal Code: | 23235 |
| Name: | SYMARK LLC |
| Street Address: | 13421 PARKE COMMONS BLVD., SUITE 102 |
| City: | FORT MYERS |
| State/Country: | FLORIDA |
| Postal Code: | 33912 |
| Name: | ALFRED M. RANKIN, JR. TRUST |
| Street Address: | 7421 MARKILL ROAD |
| City: | WAITE HILL |
| State/Country: | OHIO |
| Postal Code: | 44094 |
| Name: | BENMIKE INVESTMENT CO. LLC |
| Street Address: | 1375 E. 9TH STREET, SUITE 1700 |
| City: | CLEVELAND |
| State/Country: | OHIO |
| Postal Code: | 44114 |
| Name: | CLAIBORNE R. RANKIN REVOCABLE TRUST U/A/D 6/22/71 |
| Street Address: | 36779 CEDAR ROAD |

PATENT

REEL: 052105 FRAME: 0774

| | |
|--------------------------|------------------------------------|
| City: | GATES MILL |
| State/Country: | OHIO |
| Postal Code: | 44040 |
| Name: | EVERGREEN VENTURES LTD |
| Street Address: | 1100 SUPERIOR AVE. EAST, SUITE 700 |
| City: | CLEVELAND |
| State/Country: | OHIO |
| Postal Code: | 44114 |
| Name: | G. BRIAN KRONEBERGER |
| Street Address: | 225 SCHILLING CIRCLE, SUITE 250 |
| City: | HUNT VALLEY |
| State/Country: | MARYLAND |
| Postal Code: | 21031 |
| Name: | GUIDE MEDICAL VENTURES, LLC |
| Street Address: | 2 OLIVER STREET, 4TH FLOOR |
| City: | BOSTON |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 02109 |
| Name: | H&B INVESTMENT PARTNERSHIP |
| Street Address: | 22901 AURORA ROAD |
| Internal Address: | P.O. BOX 46739 |
| City: | BEDFORD HEIGHTS |
| State/Country: | OHIO |
| Postal Code: | 44146 |
| Name: | MEDTECH INVESTMENTS, LLC |
| Street Address: | 90 WEATHERS STREET |
| City: | YOUNGSVILLE |
| State/Country: | NORTH CAROLINA |
| Postal Code: | 27596 |
| Name: | MICHAEL A ELLIS |
| Street Address: | 1375 E. 9TH STREET, SUITE 1700 |
| City: | CLEVELAND |
| State/Country: | OHIO |
| Postal Code: | 44114 |
| Name: | MWK TRUST, MIRIAM WINDER-KELLY TTE |
| Street Address: | 11306 WOODLAND DRIVE |
| City: | LUTHERVILLE |
| State/Country: | MARYLAND |
| Postal Code: | 21093 |

PATENT

REEL: 052105 FRAME: 0775

| | |
|------------------------|--------------------------|
| Name: | RICHARD T SCHWARZ |
| Street Address: | 21850 SHELBOURNE ROAD |
| City: | SHAKER HEIGHTS |
| State/Country: | OHIO |
| Postal Code: | 44122 |
| Name: | STEVEN E. SCHAEFER |
| Street Address: | 604 BOXMERE COURT |
| City: | LUTHERVILLE |
| State/Country: | MARYLAND |
| Postal Code: | 21903 |
| Name: | SYCAMORE FUND 1, LLC |
| Street Address: | 36779 CEDAR ROAD |
| City: | GATES MILL |
| State/Country: | OHIO |
| Postal Code: | 44040 |
| Name: | TOM MELITA |
| Street Address: | 7860 ROLLING ACRES |
| City: | SUPERIOR TOWNSHIP, |
| State/Country: | MICHIGAN |
| Postal Code: | 48198 |
| Name: | VICTOIRE G. RANKIN TRUST |
| Street Address: | 7421 MARKILL ROAD |
| City: | WAITE HILL |
| State/Country: | OHIO |
| Postal Code: | 44094 |

PROPERTY NUMBERS Total: 22

| Property Type | Number |
|----------------------------|---------------|
| Patent Number: | 10492843 |
| Patent Number: | 9867648 |
| Patent Number: | 9301796 |
| Patent Number: | 9144449 |
| Patent Number: | 9820797 |
| Application Number: | 15846741 |
| Application Number: | 15793357 |
| Application Number: | 14012320 |
| Application Number: | 14848608 |
| Application Number: | 15668004 |
| Application Number: | 15158698 |

PATENT

REEL: 052105 FRAME: 0776

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15659199 |
| Application Number: | 15498439 |
| Application Number: | 15914507 |
| Application Number: | 15791042 |
| Application Number: | 15814900 |
| Application Number: | 15914510 |
| Application Number: | 15874414 |
| Application Number: | 16523658 |
| Application Number: | 16279555 |
| Application Number: | 16131532 |
| Application Number: | 16663773 |

CORRESPONDENCE DATA

Fax Number: (617)399-6930

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: 6172926930

Email: mdaniels@brllawgroup.com

Correspondent Name: MALISSA DANIELS

Address Line 1: 380 WASHINGTON STREET

Address Line 2: 2ND FLOOR

Address Line 4: WELLESLEY HILLS, MASSACHUSETTS 02481

| | |
|---------------------------|--|
| NAME OF SUBMITTER: | SUZANNE HAMEL |
| SIGNATURE: | /s/ Suzanne Hamel |
| DATE SIGNED: | 03/13/2020 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 7

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GRANT OF SECURITY INTEREST
PATENTS

THIS GRANT OF SECURITY INTEREST PATENTS, dated as of February 28, 2020, is executed by CSA MEDICAL, INC., a Maryland corporation with an address of 91 Hartwell Avenue, Lexington, Massachusetts 02421 (“Debtor”), in favor of the parties listed on Schedule 1 hereto, which parties are holders of Subordinated Secured Convertible Promissory Notes issued by the Borrower pursuant to the Agreement (as defined below) (collectively, the “Secured Parties”).

A. Pursuant to a certain Convertible Note Purchase Agreement, dated on or about the date hereof (the “Agreement”) by and between Debtor and the Secured Parties, the Secured Parties have agreed to make loans to Debtor upon the terms and subject to the conditions set forth therein;

B. Debtor owns the patents and/or applications for patents, more particularly described on Schedules 2-A and 2-B annexed hereto as part hereof (collectively, the “Patents”) which represent all of the Debtor’s registered patent and/or applications for patents;

C. Pursuant to the Agreement and related Security Agreement (as defined in the Agreement), Debtor has granted to Secured Parties a security interest in all right, title and interest of Debtor in and to the Patents, together with any reissue, continuation, continuation-in-part or extension thereof, and all proceeds thereof, including any and all causes of action which may exist by reason of infringement thereof for the full term of the Patents (the “Patent Collateral”), to secure the prompt payment, performance and observance of the Obligations (as defined in the Agreement);

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Debtor does hereby further grant to Secured Parties a security interest in the Patent Collateral to secure the prompt payment, performance and observance of the Obligations.

Debtor does hereby further acknowledge and affirm that the rights and remedies of Secured Parties with respect to the security interest in the Patent Collateral granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

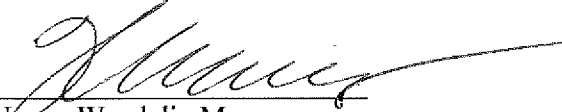
Debtor hereby agrees to notify the Secured Parties of any additional registered patent and/or applications for patents which may be filed after the date hereof, which will become Patents hereunder.

IN WITNESS WHEREOF, Debtor has caused this instrument to be executed as of the day and year first written above.

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CSA MEDICAL, INC.

CSA MEDICAL, INC.

By: 

Name: Wendelin Maners

Title: President

[Signature page to Grant of Security Interest Patents]

SCHEDULE A

Names of Secured Parties

| |
|---|
| Ascension Health Ventures (CHV III, L.P.) 101 South Hanley Road Suite 200 Clayton, MO 63105 |
| SV Life Sciences Fund V, L.P. SV Life Sciences One Boston Place 201 Washington Street, Suite 3900 Boston, MA 02108 Attn: Dana O'Brien |
| SV Life Sciences Fund V, Strategic Partners, L.P. SV Life Sciences One Boston Place 201 Washington Street, Suite 3900 Boston, MA 02108 Attn: Dana O'Brien |
| Intersouth Partners VII, L.P. 102 City Hall Plaza Suite 200 Durham, NC 27701 |
| First Analysis Private Equity Fund V-A, L.P. One South Wacker Drive Suite 3900 Chicago, IL 60606 |
| First Analysis Private Equity Fund V, L.P. One South Wacker Drive, Suite 3900 Chicago, IL 60606 |
| First Analysis Private Equity Fund V-C, L.P. One South Wacker Drive, Suite 3900 Chicago, IL 60606 |
| Mathers Associates 5 Sentry Parkway West, Suite 200 Blue Bell, PA 60606 19422 |

| |
|---|
| Disruptive Innovation Fund, LP 200 State Street Boston, MA 02109 |
| BHCM CSA Medical, LLC 9030 Stony Point Parkway Suite 140 Richmond, VA 23235 |
| Symark LLC 13421 Parke Commons Blvd., Suite 102 Fort Myers, FL 33912 |
| Alfred M. Rankin, Jr. Trust 7421 Markill Road Waite Hill, Ohio 44094 |
| Benmike Investment Co. LLC 1375 E. 9 th Street, Suite 1700 Cleveland, Ohio 44114 |
| Claiborne R. Rankin Revocable Trust u/a/d 6/22/71 36779 Cedar Road Gates Mill, Ohio 44040-9721 |
| Evergreen Ventures LTD c/o Clearstead 1100 Superior Ave. East, Suite 700 Cleveland, Ohio 44114 |
| G. Brian Kroneberger, Jr. (incl. IRA shares) 225 Schilling Circle, Suite 250 Hunt Valley, MD 21031 |
| Guide Medical Ventures, LLC 2 Oliver Street, 4 th Floor Boston, MA 02109 |
| H&B Investment Partnership P.O. Box 46739 22901 Aurora Road Bedford Heights, Ohio 44146 |

| |
|---|
| Medtech Investments, LLC 90 Weathers Street Youngsville NC 27596 |
| Michael A. Ellis 1375 E. 9 th Street, Suite 1700 Cleveland, Ohio 44114 |
| MWK Trust, Miriam Winder-Kelly TTE 11306 Woodland Drive Lutherville, MD 21093-3515 |
| Richard T. Schwarz 21850 Shelbourne Road Shaker Heights, OH 44122 |
| Steven E. Schaefer 604 Boxmere Court Lutherville, MD 21093 |
| Sycamore Fund 1, LLC 36779 Cedar Road Gates Mills, Ohio 44040-9721 |
| Tom Melita 7860 Rolling Acres Superior Township, MI 48198 |
| Victoire G. Rankin Trust 7421 Markill Road Waite Hill, Ohio 44094 |

SCHEDULE 2-A TO GRANT OF SECURITY INTEREST
PATENTS

| Atty Docket | Title | Serial | Status |
|-----------------|---|----------|---------|
| 8177CSA0001 | METHOD AND SYSTEM FOR CONSISTENT, REPEATABLE, AND SAFE CRYOSPRAY TREATMENT OF AIRWAY TISSUE | 10492843 | Granted |
| 8177CSA0002 | METHOD AND SYSTEM FOR CONSISTENT, REPEATABLE, AND SAFE CRYOSPRAY TREATMENT OF AIRWAY TISSUE | 9867648 | Granted |
| 8177CSA0003 | CRYOSURGERY SYSTEM | 9301796 | Granted |
| 8177CSA0003CP | CRYOSURGERY SYSTEM | 9144449 | Granted |
| 8177CSA0003CPC1 | CRYOSURGERY SYSTEM | 9820797 | Granted |

SCHEDULE 2-B TO GRANT OF SECURITY INTEREST
PATENT APPLICATIONS

| Atty Docket | Title | Serial | Status |
|-----------------|---|----------|---------|
| 8177CSA0002C1 | METHOD AND SYSTEM FOR CONSISTENT, REPEATABLE, AND SAFE CRYOSPRAY TREATMENT OF AIRWAY TISSUE | 15846741 | Pending |
| 8177CSA0003CPC2 | CRYOSURGERY SYSTEM | 15793357 | Pending |
| 8177CSA0004 | CRYOSPRAY CATHETERS | 14012320 | Pending |
| 8177CSA0007 | BRONCHOSCOPIC SHEATH FOR MEASURING OR SPACING | 14848608 | Pending |
| 8177CSA0020 | ROTATIONAL CRYOGEN DELIVERY DEVICE | 15668004 | Pending |
| 8177CSA0021 | CATHETER EXTENSION CONTROL | 15158698 | Pending |
| 8177CSA0022 | METHOD & APPARATUS TO PERFORM CRYOTHERAPY | 15659199 | Pending |
| 8177CSA0026 | ENDOSCOPE VISION PRESERVATION SYSTEM FOR CRYOTHERAPY DEVICES | 15498439 | Pending |
| 8177CSA0027 | APPARATUS TO DETERMINE GAS EGRESS / VENTILATOR CONNECTION PRIOR TO CRYOTHERAPY | 15914507 | Pending |
| 8177CSA0028 | METHOD & APPARATUS FOR PERFORMING CRYOTHERAPY OF | 15791042 | Pending |

| | | | |
|---------------|--|----------|---------|
| | DISTAL LUNG LESIONS | | |
| 8177CSA0030 | APPARATUS TO DETERMINE GAS EGRESS / VENTILATOR CONNECTION PRIOR TO CRYOTHERAPY | 15814900 | Pending |
| 8177CSA0032 | CATHETER INTERFACE TO BLOCK AND REMOVE FLUID FROM SCOPE WORKING CHANNEL | 15914510 | Pending |
| 8177CSA0033 | SYSTEMS AND METHODS TO PREVENT OR SIGNIFICANTLY INHIBIT GAS PROGRESSION DURING SPRAY CRYOTHERAPY | 15874414 | Pending |
| 8177CSA0041 | EMBEDDED SYSTEM FOR THREE- DIMENSIONAL MAPPING AND CONTROL IN SOLIDS, LIQUIDS, GASES, GELS AND COMPOSITES | 16523658 | Pending |
| 8177CSA0046 | DEVICES AND METHODS FOR GUIDING INSTRUMENTS | 16279555 | Pending |
| 8177CSA0047PR | SYSTEMS AND METHODS TO ENHANCE RADIAL SPRAY FROM A CATHETER METHOD AND SYSTEM FOR | 16131532 | Pending |
| 8177.0001C | CONSISTENT, REPEATABLE, AND SAFE CRYOSPRAY TREATMENT OF AIRWAY TISSUE | 16663773 | Pending |