

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5220359

|   |                            |
|---|----------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT             |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                 |
| <b>CONVEYING PARTY DATA</b>   |                            |
| <b>Name</b>   | <b>Execution Date</b>      |
| ASHWIN MADGAVKAR  | 05/21/2018                 |
| JAMES MCBRIDE   | 05/21/2018                 |
| DANIEL URBAN  | 05/21/2018                 |
| ROBERT HEILMAYR   | 05/29/2018                 |
| <b>RECEIVING PARTY DATA</b>   |                            |
| <b>Name:</b>  | CERES IMAGING INC.         |
| <b>Street Address:</b>  | 428 13TH STREET            |
| <b>Internal Address:</b>  | UNIT 200                   |
| <b>City:</b>  | OAKLAND                    |
| <b>State/Country:</b>   | CALIFORNIA                 |
| <b>Postal Code:</b>   | 94612                      |
| <b>PROPERTY NUMBERS Total: 1</b>  |                            |
| <b>Property Type</b>  | <b>Number</b>              |
| Application Number:   | 16174785                   |
| <b>CORRESPONDENCE DATA</b>  |                            |
| <b>Fax Number:</b>  | (408)770-5910              |
| <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> |                            |
| <b>Phone:</b>   | (408)620-4272              |
| <b>Email:</b>   | shirley@apvusa.com         |
| <b>Correspondent Name:</b>  | AMERICAN PATENT AGENCY PC  |
| <b>Address Line 1:</b>  | 6900 BAY DRIVE, UNIT 11F   |
| <b>Address Line 4:</b>  | MIAMI BEACH, FLORIDA 33141 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | CER-1001B                  |
| <b>NAME OF SUBMITTER:</b>   | XIAOMENG SHI               |
| <b>SIGNATURE:</b>   | /Xiaomeng Shi/             |
| <b>DATE SIGNED:</b>   | 11/01/2018                 |
| <b>Total Attachments: 9</b>   |                            |
| source=CER-1001-Assignment-Signed#page1.tif   |                            |

source=CER-1001-Assignment-Signed#page2.tif  
source=CER-1001-Assignment-Signed#page3.tif  
source=CER-1001-Assignment-Signed#page4.tif  
source=CER-1001-Assignment-Signed#page5.tif  
source=CER-1001-Assignment-Signed#page6.tif  
source=CER-1001-Assignment-Signed#page7.tif  
source=CER-1001-Assignment-Signed#page8.tif  
source=CER-1001-Assignment-Signed#page9.tif

**ASSIGNMENT OF PATENT APPLICATION**

**WHEREAS**, we, **ASHWIN MADGAYKAR**, residing at 3102 Bentgrass Drive, Katy, TX 77450, **JAMES MCBRIDE**, residing at 1818 Sonoma Avenue, Berkeley, CA 94306, **DANIEL URBAN**, residing at 2087 Williams Street, Palo Alto, CA 94306, and **ROBERT HEILMAYR**, residing at 1017 Ashmount Avenue, Piedmont, CA 94610 ("Inventor(s)"), have invented certain inventions and improvements disclosed in an application for patent entitled "**METHODS AND DEVICES FOR ASSESSING A FIELD OF PLANTS FOR IRRIGATION**," filed in the United States Patent and Trademark Office and assigned U.S. Serial No. 15/154,926, filed on May 13, 2016 ("application");

**WHEREAS**, **CERES IMAGING INC.**, a corporation of the State of Delaware having a principal place of business at 428 13<sup>th</sup> Street, Unit 200, Oakland, CA 94612 ("Assignee"), is desirous of acquiring the entire right, title and interest in the same;

**NOW, THEREFORE**, as a named Inventor, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I desire to assign a 100% undivided interest in said patent application to the Assignee;

I hereby assign, sell and transfer a 100% undivided interest in the entirety of the bundle of rights, title, and interest in and to said patent application, unto said Assignee, in and to the right to claim any domestic priority therefrom, together with all claims for damages and profits by reason of any past infringement of any corresponding letters patent and the right to sue therefor, and together with the right to file said patent application or any non-provisional, divisional, continuation, or continuation-in-part thereof in the United States, or in any foreign country or jurisdiction under the Paris Convention or the Patent Cooperation Treaty, such interests, claims, and rights to be held and enjoyed by the Assignee for its own use and for its

successors and assigns, to the full end of the term for which a patent issuing from said patent application may be granted, and any reissues, reexaminations, renewals, or extensions thereof as may be granted, as fully and entirely as the same would have been held by the named Inventor had this Assignment not been made;

I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect title in said patent application;

I further covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment; and

I further covenant that Assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said patent application as may be known and accessible to me and I will testify to the same in any proceeding or litigation related thereto and will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments, declarations, or affidavits required to apply for, obtain, maintain, and enforce said patent application or patent issuing therefrom which may be necessary or desirable to carry out the purposes hereof.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Upon being duly cautioned, I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and I further understand that false statements and the like so made are punishable by fine, imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the patent application and any patent issuing therefrom.

ASHWIN MADGAVKAR

## STATE OF CALIFORNIA

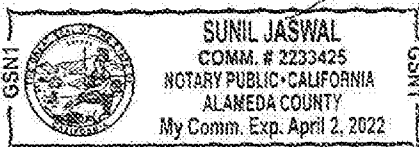
Before me, a Notary Public in and for the State of California, on this 21<sup>st</sup> day of MAY 2018, personally appeared **ASHWIN MADGAVKAR**, proved to me on the basis of satisfactory evidence to be the person who appeared before me, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

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 ALAMEDA  
Subscribed and sworn to (or affirmed) before me on this 21 day of MAY, 2018, by ASHWIN MADGAVKAR

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

(Signature of Notary)



NOTARY PUBLIC

My Commission Expires: April 02, 2022

JAMES MCBRIDE

## STATE OF CALIFORNIA

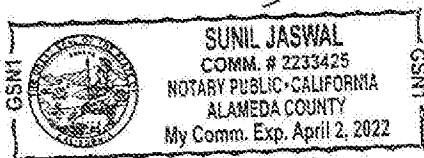
Before me, a Notary Public in and for the State of California, on this 21<sup>st</sup> day of MAY 2018, personally appeared **JAMES MCBRIDE**, proved to me on the basis of satisfactory evidence to be the person who appeared before me, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

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 ALAMEDA  
Subscribed and sworn to (or affirmed) before me on this 21 day of MAY, 2018, by JAMES MCBRIDE

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

(Signature of Notary)



NOTARY PUBLIC

My Commission Expires: April 02, 2022

Page 3 of 3

  
**DANIEL URBAN**

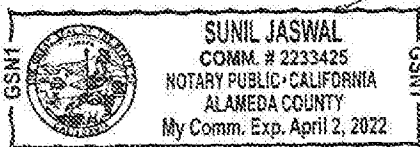
**STATE OF CALIFORNIA**

Before me, a Notary Public in and for the State of California, on this 21<sup>st</sup> day of MAY 2018, personally appeared **DANIEL URBAN**, proved to me on the basis of satisfactory evidence to be the person who appeared before me, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

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 ALAMEDA  
 Subscribed and sworn to (or affirmed) before me on this 21 day of MAY 2018 by DANIEL URBAN

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.



(Signature of Notary)

← See California Notary Wording for Trust  
SUNIL JASWAL, NOTARY PUBLIC  
**NOTARY PUBLIC**

My Commission Expires: April 02, 2022

**ROBERT HEILMAYR**

**STATE OF CALIFORNIA**

Before me, a Notary Public in and for the State of California, on this \_\_\_\_\_ day of \_\_\_\_\_ 2018, personally appeared **ROBERT HEILMAYR**, proved to me on the basis of satisfactory evidence to be the person who appeared before me, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)

**NOTARY PUBLIC**

My Commission Expires:

**ASSIGNMENT OF PATENT APPLICATION**

**WHEREAS**, we, **ASHWIN MADGAVKAR**, residing at 3102 Bentgrass Drive, Katy, TX 77450, **JAMES MCBRIDE**, residing at 1818 Sonoma Avenue, Berkeley, CA 94306, **DANIEL URBAN**, residing at 2087 Williams Street, Palo Alto, CA 94306, and **ROBERT HEILMAYR**, residing at 1017 Ashmount Avenue, Piedmont, CA 94610 ("Inventor(s)"), have invented certain inventions and improvements disclosed in an application for patent entitled "**METHODS AND DEVICES FOR ASSESSING A FIELD OF PLANTS FOR IRRIGATION**," filed in the United States Patent and Trademark Office and assigned U.S. Serial No. 15/154,926, filed on May 13, 2016 ("application");

**WHEREAS**, **CERES IMAGING INC.**, a corporation of the State of Delaware having a principal place of business at 428 13<sup>th</sup> Street, Unit 200, Oakland, CA 94612 ("Assignee"), is desirous of acquiring the entire right, title and interest in the same;

**NOW, THEREFORE**, as a named Inventor, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I desire to assign a 100% undivided interest in said patent application to the Assignee;

I hereby assign, sell and transfer a 100% undivided interest in the entirety of the bundle of rights, title, and interest in and to said patent application, unto said Assignee, in and to the right to claim any domestic priority therefrom, together with all claims for damages and profits by reason of any past infringement of any corresponding letters patent and the right to sue therefor, and together with the right to file said patent application or any non-provisional, divisional, continuation, or continuation-in-part thereof in the United States, or in any foreign country or jurisdiction under the Paris Convention or the Patent Cooperation Treaty, such interests, claims, and rights to be held and enjoyed by the Assignee for its own use and for its

successors and assigns, to the full end of the term for which a patent issuing from said patent application may be granted, and any reissues, reexaminations, renewals, or extensions thereof as may be granted, as fully and entirely as the same would have been held by the named Inventor had this Assignment not been made;

I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect title in said patent application;

I further covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment; and

I further covenant that Assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said patent application as may be known and accessible to me and I will testify to the same in any proceeding or litigation related thereto and will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments, declarations, or affidavits required to apply for, obtain, maintain, and enforce said patent application or patent issuing therefrom which may be necessary or desirable to carry out the purposes hereof.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Upon being duly cautioned, I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and I further understand that false statements and the like so made are punishable by fine, imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the patent application and any patent issuing therefrom.



\_\_\_\_\_  
**ASHWIN MADGAVKAR**

**STATE OF CALIFORNIA**

Before me, a Notary Public in and for the State of California, on this \_\_\_\_\_ day of \_\_\_\_\_ 2018, personally appeared **ASHWIN MADGAVKAR**, proved to me on the basis of satisfactory evidence to be the person who appeared before me, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

\_\_\_\_\_  
**NOTARY PUBLIC**

(SEAL)

My Commission Expires:

\_\_\_\_\_  
**JAMES MCBRIDE**

**STATE OF CALIFORNIA**

Before me, a Notary Public in and for the State of California, on this \_\_\_\_\_ day of \_\_\_\_\_ 2018, personally appeared **JAMES MCBRIDE**, proved to me on the basis of satisfactory evidence to be the person who appeared before me, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

\_\_\_\_\_  
**NOTARY PUBLIC**

(SEAL)

My Commission Expires:

\_\_\_\_\_  
**DANIEL URBAN**


**STATE OF CALIFORNIA**

Before me, a Notary Public in and for the State of California, on this \_\_\_\_\_ day of \_\_\_\_\_ 2018, personally appeared **DANIEL URBAN**, proved to me on the basis of satisfactory evidence to be the person who appeared before me, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

\_\_\_\_\_  
**NOTARY PUBLIC**

(SEAL)

My Commission Expires:

  
\_\_\_\_\_  
**ROBERT HEILMAYR**

**STATE OF CALIFORNIA**

Before me, a Notary Public in and for the State of California, on this \_\_\_\_\_ day of \_\_\_\_\_ 2018, personally appeared **ROBERT HEILMAYR**, proved to me on the basis of satisfactory evidence to be the person who appeared before me, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

\_\_\_\_\_  
**NOTARY PUBLIC**

(SEAL)

My Commission Expires:

## CALIFORNIA ALL PURPOSE ACKNOWLEDGMENT

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 truthfulness, accuracy, or validity of the document.

STATE OF CALIFORNIA

COUNTY OF SANTA BARBARA

On 29 May 2018 before me, Ashleigh Cresap, Notary Public personally appeared

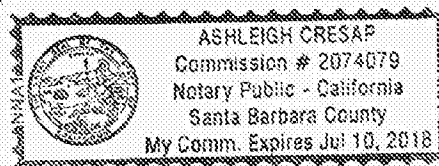
Robert Hulmayer

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(s), 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.

Ashleigh Cresap  
Commission Expires 07/10/2018



### OPTIONAL

Description of attached document: \_\_\_\_\_

Number of Pages: \_\_\_\_\_

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

Capacity of Signer(s):

Trustee

Power of Attorney

CEO/CFO/COO

President/ Vice-President/ Secretary/ Treasurer

Other: \_\_\_\_\_

PATENT