

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT7496428

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
COLIN JOSH HURD	11/20/2018
MARK WILLIAM BARGLOF	11/20/2018
QUINCY CALVIN MILLOY	11/20/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SMART AG, INC.
<b>Street Address:</b>	2710 S. LOOP DRIVE
<b>City:</b>	AMES
<b>State/Country:</b>	IOWA
<b>Postal Code:</b>	50010
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16685994
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	request@slwip.com
<b>Correspondent Name:</b>	SCHWEGMAN LUNDBERG & WOESSNER, P.A.
<b>Address Line 1:</b>	P.O. BOX 2938
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	2754.291US1
<b>NAME OF SUBMITTER:</b>	JANINE HEITLAND
<b>SIGNATURE:</b>	/ Janine Heitland /
<b>DATE SIGNED:</b>	08/22/2022
<b>Total Attachments: 3</b>	
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RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 2754.291US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Colin Josh Hurd, Mark William Barglof, Quincy Calvin Milloy

Additional name(s) of conveying party(ies) attached?

Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: November 20, 2018, November 20, 2018, November 20, 2018

2. Name and address of receiving party(ies):

Name: SMART AG, Inc.

Street Address: 2710 S. Loop Drive

City: Ames State: Iowa Zip Code: 50010  
Country: United States of America

Additional name(s) & address(es) attached?  Yes  
 No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Serial No. 16/685,994

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Thomas C. Obermark

Address:

Schwegman Lundberg & Woessner, P.A.  
P.O. Box 2938  
Minneapolis, Minnesota 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

Enclosed

Authorized to be charged to deposit account  
19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Thomas C. Obermark/Reg. No. 55,506

Name of Person Signing

/ 

Signature

Aug 21, 2022

Date

Total number of pages including cover sheet: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Mail Stop Assignment Recordation Services  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PATENT**  
**REEL: 060854 FRAME: 0562**

## ASSIGNMENT OF PATENT AND INTELLECTUAL PROPERTY RIGHTS

WHEREAS, we, COLIN JOSH HURD, MARK WILLIAM BARGLOF, AND QUINCY CALVIN MILLOY, hereinafter referred to as Assignors, have invented the following Invention(s), titled INTEGRATED PLATFORM AND COMMON ARCHITECTURAL FORMAT FOR AUTONOMOUS AGRICULTURAL VEHICLE AND MACHINERY OPERATION, as described at least in the United States provisional patent application having serial number 62/768,023, filed on November 15, 2018, and as described in all corresponding and/or related domestic, international, and foreign patent applications now existing or to be filed, whether or not those applications claim priority thereto, (referred to collectively as the "Patent Application(s)").

AND WHEREAS, SMART AG, INC., having its principal place of business at 2710 S. Loop Drive, Ames, IA 50010, (hereinafter the "Assignee"), desires to formally acquire all rights, title and interest in and to the Invention(s) and the Patent Application(s) (including any and all domestic, international and foreign non-provisionals, continuations, divisions, or other patents and patent applications claiming priority thereto, including and any renewals, reissues or extensions that may be filed or granted), as the employer of the Assignors.

Therefore, for good and valuable consideration, receipt of which is acknowledged, Assignors hereby assign, sell, and transfer all rights, title, and interest in the Invention(s) and Patent Application(s) (as well as such rights in any and all domestic, international, and foreign non-provisionals, continuations, divisions, or other patents and patent applications claiming priority thereto, including and any renewals, reissues or extensions) to Assignee for the entire term of the issued patent(s) and any reissues or extensions that may be granted and for the entire terms of any and all foreign patents or design registrations that may issue from international applications (as well as divisions, continuations in whole or part or substitute applications) claiming priority to any of the above Patent Application(s).

Assignors authorize the United States Patent & Trademark Office and any other intellectual property office in which corresponding and/or related patent applications are filed to issue any patents resulting from the Invention(s) or the Patent Application(s) to Assignee. The rights, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made.

Assignors further agree to: (a) cooperate with Assignee in the prosecution of the Patent Application(s) & foreign counterparts; (b) execute, verify, acknowledge & deliver all such further papers, including patent applications and instruments of transfer; and (c) perform such other acts as Assignee lawfully may request to obtain or maintain all patents and Patent Applications for the invention in any & all countries.

In testimony thereof, this Assignment is executed by said Assignors, as follows:

COLIN JOSH HURD: *Colin Hurd*

Date: Nov 20, 2018

Location: \_\_\_\_\_

MARK WILLIAM BARGLOF: *Mark Barglof*  
Mark Barglof (Nov 20, 2018)

Date: Nov 20, 2018

Location: \_\_\_\_\_

QUINCY CALVIN MILLOY: *Quincy Calvin Milloy*  
Quincy Calvin Milloy (Nov 21, 2018)

Date: Nov 20, 2018

Location: \_\_\_\_\_