PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7496463

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SMART AG, LLC	07/17/2018

RECEIVING PARTY DATA

Name:	SMART AG, INC.	
Street Address:	3101 DIAMOND STREET	
City:	AMES	
State/Country:	IOWA	
Postal Code:	50010	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16931117	

CORRESPONDENCE DATA

Fax Number:

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.

Email: request@slwip.com

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	2754.289US2	
NAME OF SUBMITTER:	JANINE HEITLAND	
SIGNATURE:	/ Janine Heitland /	
DATE SIGNED:	08/22/2022	

Total Attachments: 4

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PATENT 507449572 REEL: 060854 FRAME: 0786

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 2754.289US2 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): SMART AG, LLC Name: SMART AG, INC. Additional name(s) of conveying party(ies) attached? Street Address: 3101 DIAMOND STREET []Yes [X]No State: IA Zip: 50010 United States of America Country: 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [X] Assignment [] Merger [] Security Agreement[] Change of Name [] Other Execution Date: July 17, 2018 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) B. Patent No.(s) Serial No. 16/931,117 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 0.00 Name: Thomas C. Obermark []Enclosed [Authorized to be charged to deposit account Address: 19-0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, Minnesota 55402 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE 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. 1 The Roll Aug 20, 2022 Thomas C. Obermark/Reg. No. 55,506 Name of Person Signing Signature Date Total number of pages including cover sheet: 4

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

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PATENT ASSIGNMENT

WHEREAS, Smart Ag, LLC, a limited liability company organized under the laws of the State of Iowa, located at 3101 Diamond Street, Ames, IA 50010 (hereinafter "Assignor") is the owner of the entire right, title, and interest in and to certain inventions in the intellectual property described in Exhibit A.

WHEREAS, Assignor certifies it is the sole and exclusive owner of the patent applications described in Exhibit A.

WHEREAS, Assignor certifies that it has full authority under state and federal law to make this assignment.

NOW, THEREFORE, for good and valuable consideration, receipt of which is acknowledged, Assignor has agreed to assign and transfer and does hereby assign and transfer unto Smart Ag. Inc., a corporation organized under the laws of the State of Iowa, having its principal offices at 3101 Diamond Street, Ames, IA 50010, its successors and assigns ("Assignee"), the entire right, title and interest in and to the said inventions, patent applications, and issued patents, and in and to any nonprovisional, division, continuation or continuation-inpart, of said patents and/or patent applications, and in and to any and all improvements in the said inventions made by us or made jointly with others, and in and to any and all Letters Patent and reissues and extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reissue or other or further application based in whole or in part upon the said invention or improvements thereof, to be held and enjoyed as fully and exclusively as they would have been by us had this assignment and transfer not been made;

Assignor does further agree for ourselves and for our heirs, executors and administrators, to execute and deliver without further consideration any further applications, assignments and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by Assignee, its successors, assigns and nominees, to fully secure its interest as aforesaid and to obtain or maintain Letters Patent in any and all countries;

Assignor hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to said Assignee as the assignee of the entire interest thereon.

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IN WITNESS WHEREOF, we have hereunto assigned our names on the day and year set forth below.

	Smart Ag, LLC
	By: Loll Land
	Name: Colin Hund
	Title: <i>ŒO</i>
	Date: 7/17/18
STATE OF <u>Louis</u>	
COUNTY OF <u>5+0 ng</u>) ss:)
On this / day of 1	رياس, 2018, before me personally appeared
A 1 1 1	known to me, and known by me to be the person described in
and who executed the foregoing ins	strument, and acknowledged that he executed the same, as his
free act and deed, on the day and ye	
	Amla Distall
314	Notary Public in and for the
PAMELA NESBITT Commission Number 788218 My Commission Expires February 2, 2021	State of Touk, County of 5to m

Exhibit A

SERIAL		
APPLICATION TITLE	NUMBER	DATE OF FILING
SYSTEM AND METHOD FOR AUTONOMOUS		777
CONTROL OF AGRICULTURAL MACHINERY		
AND EQUIPMENT	15/653,175	7-18-2017
MACHINE LEARNING DETECTION AND		
IDENTIFICATION SYSTEM	62/585,170	11-13-2017

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RECORDED: 08/22/2022