PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NATHAN R. VANDIKE	09/11/2018
BRADLEY K. YANKE	09/10/2018
VOLKER FUCHS	09/06/2018
JOHN DEERE GMBH & CO. KG	12/19/2014

RECEIVING PARTY DATA

Name:	DEERE & COMPANY	
Street Address:	ONE JOHN DEERE PLACE	
City:	MOLINE	
State/Country:	ILLINOIS	
Postal Code:	61265	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16127272

CORRESPONDENCE DATA

Fax Number: (309)749-0083

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: 309-765-4451

Email: patmolineforeign@johndeere.com

DEERE & COMPANY Correspondent Name:

Address Line 1: ONE JOHN DEERE PLACE Address Line 4: MOLINE, ILLINOIS 61265

ATTORNEY DOCKET NUMBER:	P27684-US-PRI	
NAME OF SUBMITTER:	STEPHEN MICHAEL PATTON	
SIGNATURE:	/Stephen Michael Patton #36235/	
DATE SIGNED:	09/14/2018	

Total Attachments: 2

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PATENT REEL: 046874 FRAME: 0009 505094212

DECLARATION AND ASSIGNMENT

Application: SELF-LEARNING GRAIN SENSING SYSTEM

Each of the named inventors to the above application declares and agrees to the following by signing below:

- 1. **DECLARATION.** I hereby declare that (1) the above-identified application was made or authorized to be made by me, (2) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application, and (3) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five years, or both.
- 2. ASSIGNMENT. I confirm any prior assignments (whether written, by operation or law, or otherwise) of my interests in the application and inventions therein to Deere & Company, and hereby assign all my remaining interests in the application and inventions therein to Deere & Company (including all enforcement rights and remedies for past and future infringements and all rights of priority to apply for and receive patents and registrations worldwide in the name of Deere & Company). I attest that I have not assigned any interests in the application or inventions therein to any other party.
- **3. GENERAL.** I acknowledge that (1) this document supplements, and does not supersede, any agreements I may have with Deere & Company or its subsidiaries relating to the application and inventions therein, (2) I reviewed and understand the contents of the application, including the claims, and (3) I am aware of the duty (as defined in 37 CFR § 1.56) to disclose all information I know to be material to patentability.

---DocuSigned by:

⊷1AE5BFB2FC82424... Name:Nathan R. Vandike Signed:2018-09-11 | 06:20 CDT TO Casigned by:

Name: Bradley K. Yanke *Signed:* 2018-09-10 | 08:36 CDT

Docket: P27684

DocuSigned by:

Volker Fuchs

1C7046B54CF94BB... Name: Volker Fuchs

signed: 2018-09-06 | 03:52 CDT

EXHIBIT A

INTANGIBLE PROPERTY ASSIGNMENT

WHEREAS, John Decre GmbH & Co. KG, a limited partnership organized under the laws of Germany, having its principal place of business at John-Decre-Str. 70, Mannheim, Germany 68163, having its principal place of business at John-Decre-Str. 70, Mannheim, Germany 68163 ("ASSIGNOR") and Decre & Company, a Delaware corporation, having its principal place of business at One John Decre Place, Moline, IL 61265 ("ASSIGNEE") have executed an intra-company INTANGIBLE PROPERTY RIGHTS AGREEMENT on December 19, 2014 and intend to assign right, title, and interest in and to certain Intangible Property assets;

NOW, THEREFORE, in consideration of the promises and the mutual representations, agreements, and covenants set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR and ASSIGNEE agree as follows:

ASSIGNOR hereby irrevocably assigns all right, title, and interest in any Intangible Property as defined by the intra-company INTANGIBLE PROPERTY RIGHTS AGREEMENT executed on December 19, 2014 including without limitation the Intangible Property scheduled herewith and improvements thereof to ASSIGNEE. Alternatively, ASSIGNOR hereby confirms any prior assignment (whether in writing or by operation of law) of all right, title, and interest in such Intangible Property to ASSIGNEE.

ASSIGNOR acknowledges that the above assignment includes, but is not limited to, worldwide rights to patents and registrations (e.g., design, invention, plant, utility, and utility model), copyrights, and similar industrial property rights relating to the Intangible Property. Further, ASSIGNOR acknowledges that said assignment includes without limitation any right of priority and any right to bring proceedings and obtain remedies for infringement, including for acts committed before or after the date of this assignment.

ASSIGNOR acknowledges that the assigned rights hereunder shall include without limitation any applications, registrations, and proceedings of the above (e.g., continuations, continuations-in-part, divisionals, derivations, extensions, oppositions, provisionals, reissues, reexaminations, renewals, reviews, revivals, substitutes, and supplemental examination) relating to the Intangible Property.

ASSIGNOR agrees to cooperate with ASSIGNEE as reasonably necessary to obtain, maintain, and enforce any assigned rights, including executing documents and providing evidence, without additional compensation. ASSIGNOR hereby authorizes any patent office in the world to issue any letters patent based on the assigned rights to the ASSIGNEE and authorize ASSIGNEE to modify this document with further identification of the Intangible Property as ASSIGNEE deems expedient in order to record this document.

ASSIGNOR declares and agrees to all provisions of this writing by signing below.

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have caused this assignment to be executed by its respective authorized representative as follows:

Deere & Company

Name: Gregory R. Noe

Title: Vice President & Deputy Gen. Counsel

Buy R.M.

John Deere GmbH & Co

Name: Ludwig Magin

Title: Ass. Gen. Counsel Intellectual Property

By: Maiana

Name: Dr Carolin Weirauch Title: Senior Attorney

> PATENT REEL: 046874 FRAME: 0011

RECORDED: 09/14/2018