PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID A. VEASY	05/10/2019
CRAIG CHRISTOFFERSON	05/10/2019
MICHAEL D. PEAT	05/10/2019
NATHAN J. HORSTMAN	05/15/2019
JOSHUA M. SCHAU	05/10/2019

RECEIVING PARTY DATA

Name:	DEERE & COMPANY
Street Address:	ONE JOHN DEERE PLACE
City:	MOLINE
State/Country:	ILLINOIS
Postal Code:	61265-8098

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16413259

CORRESPONDENCE DATA

Fax Number: (317)713-3699

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: 317-713-3500

Email: Taft-IP-Docket@taftlaw.com

Correspondent Name: TAFT STETTINIUS & HOLLISTER LLP
Address Line 1: ONE INDIANA SQUARE, SUITE 3500
Address Line 4: INDIANAPOLIS, INDIANA 46204-2023

ATTORNEY DOCKET NUMBER:	DEE05-40573
NAME OF SUBMITTER:	TIANA L. POWELL
SIGNATURE:	/Tiana L. Powell/
DATE SIGNED:	05/15/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

PATENT REEL: 049188 FRAME: 0113



PATENT REEL: 049188 FRAME: 0114

DECLARATION AND ASSIGNMENT

MOTOR GRADER CUTTING EDGE WARE CALIBRATION AND WARNING SYSTEM GRADER

Application Number: TBD Filing Date: TBD

DECLARATION

As a below named inventor, 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;
- (3) I 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 (5) years, or both;
- (4) I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above; and
- (5) I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

ASSIGNMENT

For good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, as a below named inventor, hereby confirm any prior assignment (whether in writing or by operation of law) of my right, title, and interest in any invention in the above-identified application and improvements thereof (the "Invention") to **Deere & Company**, a **Delaware corporation**, (the "Assignee") or its affiliate and, to the extent not already assigned to Assignee or its affiliate, hereby irrevocably assign all right, title, and interest I may have in the Invention to Assignee.

I acknowledge 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 Invention. Further, I acknowledge 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, on, or after the date of this assignment.

I acknowledge 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, non-provisionals, oppositions, provisionals, reissues, reexaminations, renewals, reviews, revivals, substitutes, and supplemental examination) relating to the Invention.

ADMINISTRATION

I, as a below named inventor, agree to cooperate with Assignee as reasonably necessary to obtain, maintain, and enforce any assigned rights, including executing documents and providing evidence, without additional compensation. I hereby covenant that I have not entered into, nor will I enter into, any agreement that conflicts with this assignment. Additionally, I hereby authorize 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 Invention (e.g., application number and filing date) as Assignee deems expedient in order to record this document.

I declare and agree to all provisions of this writing by signing below.

[Signature page to follow]

PATENT REEL: 049188 FRAME: 0115

rid A. Veasy	5/10/19 at Dv.	$\frac{BVQJE}{City}$, $\frac{I}{S}$
The signature of the above inventor is witner		
Witness printed name	Witness signature	Date
Witness printed name	Witness signature	Date
State of Dukuaue Town County of Dukuaue	Melissa 9 Notary Public	Trill
Sworn to before me this/O day of, 2019.	SEAL: ME Comm	LISSA BRINKMAN ission Number 809408 Commission Expires
		March 12, 2020
noi Brasline	5/10/19 at Dubu	igne I
•	5/10/19 at Dube	City
g Christoffers of the above inventor is witne	Date	City
•	Date	City
The signature of the above inventor is witne	essed by two non-inventors or notarized	as set forth below:
The signature of the above inventor is witned Witness printed name Witness printed name	essed by two non-inventors or notarized Witness signature	as set forth below: Date
Witness printed name Witness printed name State of	Witness signature Witness signature Witness signature	as set forth below: Date

ichael D. Peat	2017-05-10 at Date	City State
The signature of the above inventor is wi	itnessed by two non-inventors or notarized as	s set forth below:
Witness printed name	Witness signature	Date
Witness printed name	Witness signature	Date
State of Taula	Melisa K	
State of Towa County of Dubuque	Notary Public	
Sworn to before me this // day of, 2019.	Comm	LISSA BRINKMAN ission Number 809408 Commission Expires March 12, 2020
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	5-May-2019 at 0V	State
The signature of the above inventor is wi	itnessed by two non-inventors or notarized a	s set forth below:
Witness printed name	Witness signature	- Date
Witness printed name	Witness signature	Date
State of Town	Moreen Dh	erida
Sworn to before me this 150 day of, 2019.	Commission	N C SHERIDAN In Number 782562 Imission Expires

he signature of the above inventor is wit	essed by two non-inventors o	or notarized as set forth below:
Witness printed name	Witness signatu	ure Date
Witness printed name	Witness signatu	Date
tate of Towa County of Dubugue)	sa for
worn to before me this 10 day	SEAL: (•

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RECORDED: 05/15/2019