506156824 07/16/2020

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL G. KEAN	07/26/2018
MARK J. CHERNEY	07/19/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16930656

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	J01.12-0242/P27613-US-CON
NAME OF SUBMITTER:	SUSAN GREENFIELD
SIGNATURE:	/Susan Greenfield/
DATE SIGNED:	07/16/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 506156824 REEL: 054058 FRAME: 0373

DECLARATION AND ASSIGNMENT

MACHINE STABILITY DETECTION AND CONTROL

	 g Date:
which claims priority based on applic	 , tiled
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: 054058 FRAME: 0374 Declaration and Assignment Attorney Docket No. P27613-US-PRI Page 2 of 2

Chael S. Kean	26 July 2018	<u>Dubuque</u> ,	A State
The signature of the above inventor is witne	ssed by two non-inventors or notari	zed as set forth below;	
Witness printed name	Witness signature	Date	anderija and diga e
Witness printed name	Witness signature	Date	The statement of
State of Ir was	Notary Public	alchar	
Sworn to before me this 24 day of July 3018.	SEAL: PA	TRICIA SALINAS ission Number 809677 Commission Expires March 26, 2021	
Muh Chan	19 Tuly 20/8 at 1	li birara	2)
ARK J. CHERNEY	Date at	ghy.	State
The signature of the above inventor is witner Witness printed name	ssed by two non-inventors or notari Witness signature	zed as set forth below: Date	
Witness printed name	Witness signature	Date	
State of JUA County of Dubu 4x44	Notary Public	res_	management .
Sworn to before me this 19 day of \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	SEAL:	PATRICIA SALINAS mmission Number 809677	

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RECORDED: 07/16/2020

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