PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4580245

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
ROBERT MARGHERIO	08/31/2017	
BRIAN ORWIG	08/29/2017	
ANN PATTING	08/29/2017	
JOEY W. SCHULZ	08/26/2017	
VIVEK K. SINHA	08/29/2017	

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:	15688703	

CORRESPONDENCE DATA

Fax Number: (312)580-9696

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: 312-580-1020

Email: hshamat@hfzlaw.com

HANLEY, FLIGHT & ZIMMERMAN, LLC **Correspondent Name:**

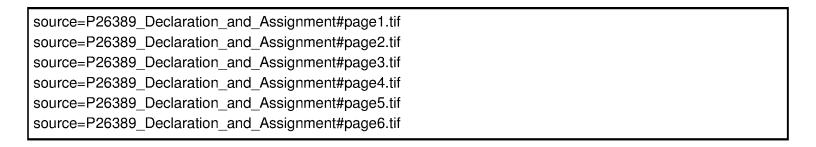
Address Line 1: 150 SOUTH WACKER DRIVE

SUITE 2200 Address Line 2:

Address Line 4: CHICAGO, ILLINOIS 60606

Talal Attaches and a C	
DATE SIGNED:	09/05/2017
SIGNATURE:	/Matthew M. Jorge/
NAME OF SUBMITTER:	MATTHEW M. JORGE
ATTORNEY DOCKET NUMBER:	P26389

Total Attachments: 6



DECLARATION AND ASSIGNMENT

METHODS AND APPARATUS TO MONITOR WORK VEHICLES AND TO GENERATE WORKLISTS TO ORDER THE REPAIR OF SUCH WORK VEHICLES SHOULD A MACHINE FAILURE BE IDENTIFIED

Application Number(s): 15/688,703 Filing Date(s): August 28, 2017

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.

Destination and designment destinates Charles for \$10.00 May 1.00		
Rubert Margherie	The state of the s	Cate
The signature of the above inventor is suggested	sed by two non-inventors or notarized a	o set forth tectors
Witness printed name	Witness signature	Date
Witness printed name	Witness signature	Date
State of 1/1/2 County of Color of State S Sworp to before me this day of 2017	NATHANIEL H Notery Publi STATE OF St. Lo My Commission Ex	OLLINGSWORTH : Notary Sea: MISSOURI uis City press: June 12, 2021 ** 17908118
3rian Orwig	at	City State
The signature of the above inventor is witnes	sed 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	Notary Public	
Sworn to before me thisday of, 2017	SEAL:	

Page 2 of 4 City State Robert Margherio Date The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below: Witness printed name Witness signature Date Witness printed name Witness signature Date State of _____ County of ______) Notary Public SEAL: Sworn to before me this of_____,2017. <u> 2</u> at <u>Belles d</u> Brian Orwig The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below: Witness printed name Witness signature Date Witness printed name Witness signature Date County of TOWNSON Notary Public Sworn to before me this 244 day of August 2017.

SEAL:

Declaration and Assignment Attorney Docket No. P26389

NOTARY PUBLIC MY COMM. EXPIRES

Ann Patting The signature of the above inventor is witness Wicholas B. Galwin Witness printed name	1	Oline IL State ized as set forth below: 8129117 Date
Jeffrey M. Gerperick (Witness printed name	Witness signature	8/29/17 Date
State ofCounty of day of day of, 2017.)) Notary Public SEAL:	
Joey W. Schulz	atat	City State
Joey W. Schulz The signature of the above inventor is witness	Date	City State
	Date	-
The signature of the above inventor is witner	Date	ized as set forth below:

Ann Patting	at at	, City	State
The signature of the above inventor is witnes		•	Stati
Deminate of the decoyo inventor is without	sed by two hon-inventors of notariz	ed as set form below:	
Witness printed name	Witness signature	Date	
Witness printed name	Witness signature	Date	
State of)) Notary Public		
Sworn to before me this day of, 2017.	SEAL:		
July W. L. L.	elas las a		
Joey W. Schulz	$\frac{8/26/2017_{\text{at}}}{D_{\text{ate}}}$	lala oo , City	State
The signature of the above inventor is witness	ed by two non-inventors or notarize	ed as set forth below:	
Witness printed name	Witness signature	Date	
Witness printed name	Witness signature	Date	
State of TOWA County of Black Hawk	Emily lent & Notary Public	W	
Sworn to before me this <u>25</u> day of August, 2017.	SEAL:	EMILY LENTZKO	DW 3929

Declaration and Assignment Attorney Docket No. P26389 Page 4 of 4

inck Kumar Sinha		08-29-2017 at 1	roline	_ <u>IL</u>
rek K. Sinha		Date	City	State
The signature of the above inventor is w	itnessed b	y two non-inventors or nota	rized as set forth belo	w:
Chad Miller		Jell_		29/17
Witness printed name		Witness signature	Dat	te ,
MATTHRW J PIPHO	- 9	MIL	8/2	9/17
Witness printed name		Witness signature	Dat	té
State of)			
County of)	Notary Public		
Sworn to before me this day of, 2017.		SEAL:		

PATENT REEL: 043492 FRAME: 0619

RECORDED: 09/05/2017