505749689 10/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5796502

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL J. RYKEN	10/30/2019
ROGER W. BURJES	10/30/2019
RAINER GUGEL	10/29/2019
ADAM J. FAUCHER	10/30/2019

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:	16669112

CORRESPONDENCE DATA

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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.

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Correspondent Name: KLINTWORTH & ROZENBLAT IP LLP

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ATTORNEY DOCKET NUMBER:	230.0601US(P30330-US-PRI)
NAME OF SUBMITTER:	STEVEN J. WIETRZNY
SIGNATURE:	/STEVEN J. WIETRZNY/
DATE SIGNED:	10/30/2019

Total Attachments: 5

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DECLARATION AND ASSIGNMENT

MOKK AFHICLE I KWW2MI22ION HKOG	MOSTICS SYSTEM AND METHOD
Application Number(s):	Filing Date(s):
which claims priority based on application number	, filed

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 irrevocably assign all 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") and hereby confirm any prior assignment (whether in writing or by operation of law) 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 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: 050868 FRAME: 0536

Michael J. Mr.		30 oct 19 at .	CFIAR	FALLS ,	1A State
The signature of the above inventor is witness	ssed by	two non-inventors or not	arized as so	et forth below:	
Trent Goodnight Witness printed name	<u> </u>	rest Avoda Witness signature	ight	30 Q Date	+20
Christina Quint Witness printed name	Ch	Witness signature	nt_	30 Oct Date	2019
State of)	Notary Public			
Sworn to before me this day of,2019.		SEAL:			
		at			
Roger W. Burjes		Date	(City	State
The signature of the above inventor is witne Witness printed name	ssed by	witness signature	arized as s	et forth below: Date	
Witness printed name		Witness signature	annannan na nàithe Aire	Date	
State of)	Notary Public			
Sworn to before me this day of,2019.		SEAL:			

***************************************	***************************************	at				
Aichael J. Ryken		Date City			State	
The signature of the above inventor is wit	inessed b	y two non-inventors or notariz	red as set	forth below:		
Witness printed name	,	Witness signature		Date		
Witness printed name		Witness signature	********	Date		
State ofCounty of)	Notary Public				
Sworn to before me this day of,2019.		SEAL:				
oger W. Burjes		30 Oct 7019 at	Cit		State	
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Witness printed name	4	Witness signature		30 0 Date	土和	
State ofCounty of)	Notary Public				
Sworn to before me this day of,2019.		SEAL:				

Karin Grand	10/29/2017 at /	months, Or
ner Gugel	Date	City S
The signature of the above inventor is witne	essed by two non-inventors or notarize	ed as set forth below:
Stefan Naveser	Ada Ha	
Witness printed name	Witness signature	Date
Jones Buse	- Your -	10/25/2019
Witness printed name	Witness signature	Date
State of)	
County of	Notary Public	
Sworn to before me this day	SEAL:	
of, 2019.		
	at	
am J. Faucher	at Date	City S
am J. Faucher The signature of the above inventor is with	Date	•
	Date	•
The signature of the above inventor is with	Date essed by two non-inventors or notariz	ed as set forth below:
The signature of the above inventor is with Witness printed name Witness printed name	Date essed by two non-inventors or notariz Witness signature Witness signature	ed as set forth below: Date
The signature of the above inventor is with Witness printed name	Date essed by two non-inventors or notariz Witness signature	ed as set forth below: Date

Declaration and Assignment Attorney Docket No. P30330 Page 3 of 3

		at		
Rainer Gugel		Date	City	State
The signature of the above inventor is with	iessed b	y two non-inventors or not	arized as set forth be	low:
Witness printed name	***********	Witness signature		Date
Witness printed name		Witness signature	I	Date
State of County of)	Notary Public	***************************************	***************************************
Sworn to before me this day of, 2019.		SEAL:		
All Fel		Oct So 200 at	Ceder Falls	JA
Adam J. Faucher	2.4	Date.	City	State
The signature of the above inventor is with Vistopher Suanigan Witness printed name Witness printed name	4	Witness signature		-30 - 19 Date -30-19 Date
State of		***************************************		
County of)	Notary Public		
Sworn to before me this day of, 2019.		SEAL:		

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RECORDED: 10/30/2019