PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON E. BRINKMAN	06/27/2019
CURTIS P. RITTER	07/03/2019
MATTHEW R. ZEBARTH	07/15/2019
DAVID C. SMART	07/15/2019
WARREN L. SCHROEDER	07/15/2019

RECEIVING PARTY DATA

Name:	DEERE & COMPANY
Street Address:	ONE JOHN DEERE PLACE
City:	MOLINE
State/Country:	ILLINOIS
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16516833

CORRESPONDENCE DATA

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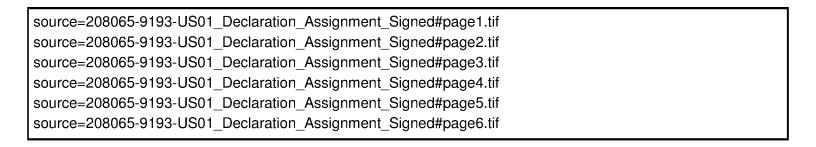
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ATTORNEY DOCKET NUMBER:	208065-9193-US01
NAME OF SUBMITTER:	PLYMOUTH D. NELSON
SIGNATURE:	/plymouth d. nelson/
DATE SIGNED:	08/12/2019

Total Attachments: 6



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DECLARATION AND ASSIGNMENT

CONTROLLER AREA NETWORK AND CONNECTIVITY HEALTH TROUBLESHOOTING SYSTEM

Application Number(s): Filing Date(s):

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.

Declaration and Assignment Attorney Docket No. P275691-US-PRI 208065-9193-US01 Page 2 of 4

Jesser E. Brinkman	6/27/19 at C	City, DA
The signature of the above inventor is witness	sed by two non-inventors or notar	rized as set forth helow:
	and the same of th	
Carly A. Strand	Witness signature	<u> </u>
Witness printed name	Witness signature	Date
Wilstina Buxton T	TWARY HOU Witness signature	6/27/19 Date
State of)	
Sworn to before me this day of, 2019.	SEAL:	
	at	
Curtis P. Ritter	Date Date	City State
The signature of the above inventor is witness Witness printed name	ssed by two non-inventors or notar Witness signature	rized as set forth below: Date
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Sworn to before me this day of, 2019.	SEAL:	

Declaration and Assignment Attorney Docket No. P275691-US-PRI 208065-9193-US01 Page 2 of 4

ason E. Brinkman	Date	City State
The signature of the above inventor is witner	ssed 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)	
County of) Notary Public	
Sworn to before me this day of, 2019.	SEAL:	
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		Vatesloo, IA
Curtis P. Ritter	J <u>uly 3, 2018</u> <u>u</u>	<u>Vaterlov</u> , <u>TA</u> City State
Curtis P. Ritter The signature of the above inventor is witness		
Curtis P. Ritter The signature of the above inventor is witnes William C. Holstan	ssed by two non-inventors or notarize	ed as set forth below:
Curtis P. Ritter The signature of the above inventor is witness		
The signature of the above inventor is witnes Witness printed name Mark Friedrich	Witness signature	od as set forth below: Date 7-3-19
The signature of the above inventor is witnes Witness printed name	sed by two non-inventors or notarize Witness signature	ed as set forth below:
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Declaration and Assignment Attorney Docket No. P275691-US-PRI 208065-9193-US01 Page 3 of 4

Matthew R. Zelearth	7/15/2019 at Maja	Vy, <u> </u>
The signature of the above inventor is with	essed 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 SEA OFFICIAL SE NICOLE L ANDE NOTARY PUBLIC - STATE MY COMMISSION EXPIRE COMMISSION NUMBE	RSON OF ILLINOIS S 12-09-2022
David C. Smart The signature of the above inventor is withe	Date essed by two non-inventors or notarized a	City State
Witness printed name	Witness signature	Date
Witness printed name	Witness signature	Date
State ofCounty of) 	
Sworn to before me this day	SEAL:	

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The signature of the above inventor is witnessed by two Christian Berck Witness printed name Randold Safetimes To Marketines To	Date Date Date Date District of non-inventors or notarized as Witness signature Witness signature	

Declaration and Assignment Attorney Docket No. P275691-US-PRI 208065-9193-US01 Page 4 of 4

Warren L. Schroeder	7/15/19 at 6	Jathe Loo To
The signature of the above inventor is with		-
Christian Berck Witness printed name	Witness signature	7/15/19 Date
Rangau Satti 60th on 176 Witness printed name	Witness signature	<u> </u>
State ofCounty of)) Notary Public	
Sworn to before me this day of, 2019.	SEAL:	

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