PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4388935

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GERALD SHOOK	04/26/2017
ERIC R. LANG	04/21/2017
DANIEL E. DERSCHEID	04/21/2017
ADAM C. ANDERSON	04/26/2017
SEAN PYNE-MORAN	04/26/2017
SOLSTICE CONSULTING, LLC	04/26/2017

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:	29602026

CORRESPONDENCE DATA

Fax Number: (480)385-5061

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docketing@lkglobal.com Email:

LORENZ & KOPF, LLP (LKGLOBAL) **Correspondent Name:**

Address Line 1: 7010 E. COCHISE RD.

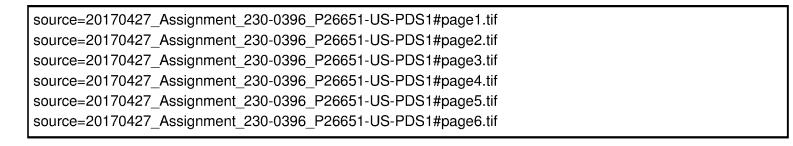
Address Line 4: SCOTTSDALE, ARIZONA 85253

NAME OF SUBMITTER:	STEVEN J. WIETRZNY
SIGNATURE:	/STEVEN J. WIETRZNY/
DATE SIGNED:	04/27/2017

Total Attachments: 6

PATENT REEL: 042169 FRAME: 0937

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DECLARATION AND ASSIGNMENT

DISPLAY SCREEN WITH ICON			
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.

[Signature page to follow]

Perfection and Assignment Amount Tracket No. (P. 2001) Co. (P. 2014) Page 2-1014

Seraid Shook	4/24/2017 is 0710	MA IA
The signature of the above inventor is wite	nessed by two non-inventors or nothicized as	set forth below
Witness printed name	Witness signature	Date
Witness printed name	Witness signature	Date
State of Journal County of <u>Againston</u> Sworm to before me this <u>Ob</u> day of <u>Agains</u>	SEAL CINDY Commission I My Commis	L SMITH United 196217 United 1
ric R. Lang	Date	State State
The signature of the above inventor is with	resided by two non-inventors or notarized as e	ut furth below
Witness printed name	Witness signature	Date
Witness printed name	Witness signature	Date
State of County of Swom to before me this day of2017	Notary Public SEAL	

	31	
Geraid Shook	Date	City State
The signature of the above inventor is witne	essed by two non-inventors or not	rized as set forth below:
Witness printed name	Witness signature	Date
Witness printed name	Witness signature	Date
State of	Notary Public	
Sworn to before me this day of2017.	SEAL:	
Eric R. Lang	<u>4-21-17</u> as _ Dave	Gra Berld AZ City State
The signature of the above inventor is with OS/UQ OSA Witness printed name	Witness signature	4/21/17 Date
Kewn M Tacke Witness printed name	<u>New Months</u>	$\frac{2}{2} \frac{4-2l-17}{2}$
State of County of Sworn to before me this day of2017.) 	

DAT150706

niel E. Derscheid	21Apr 2017 at 0 H	City S
The signature of the above inventor is witne	essed by two non-inventors or notarized	as set forth below:
Witness printed name	Witness signature	
Witness printed name	Witness signature	Date
State of <u>lowa</u> County of <u>wapello</u> Sworn to before me this <u>21</u> day of <u>April</u> , 2017.) Cond O S	nilh
Sworn to before me this 2/ day	SEAL:	
<u> </u>	CINDY J. S.	MITH
	CINDY J. S. Commission Number My Commission May 4, 20	MITH Der 196217 Expires 19
am C. Anderson	CINDY J. S. Commission Number My Commission May 4, 20	MITH Der 196217 Expires 19 City S
	atat	City S
am C. Anderson The signature of the above inventor is witne	Date Sessed by two non-inventors or notarized	City S
am C. Anderson The signature of the above inventor is witne Witness printed name	Date Date Sessed by two non-inventors or notarized Witness signature	City S I as set forth below: Date

DAT150706

Daniel E. Derscheid	Date	City State
The signature of the above inventor is witnes	sed 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) Notary Public	
Sworn to before me this day of, 2017.	SEAL:	
Adam C. Anderson	<u>4-26-17</u> at	RBANDALE IA City State
The signature of the above inventor is witnes		
#ATTIE TIZOTT Witness printed name	Witness signature	4/26/17 Date
Amanda Chariton Witness printed name	Omanda Charlton Witness signature	4/26/17 Date
State ofCounty of)	
Sworn to before me this day of2017.	SEAL:	

Destaration and Assignment Attorney Decket No. 128651-US-PDS1 Page 4 of 4

41-1-	4/26/17 at Chiergo 12 Date Tail Chiergo 12
Skad Pf.neyMdran	Date Crity State
The kighature of the above inventor is with	ressed hy two non-inventors or notarized as set forth below:
GRECK WHOMERE	1/26/17
Witness printed name	Witness Stanguage Date
Allyon Glawke	(NV/Co(1)2-4/25/2
Witness printed name	Without signature Date
State of	,
County of	Notary Public
Sworn to before me this day	SEAL:

If any above-named inventor was employed by, or was working pursuant to an agreement with, Solstice Consulting, LLC (1) agrees to the above assignment and (2) hereby irrevocably assigns all right, title, and interest it may have in the fuvention to Assignee, including any right of priority and any right to bring proceedings and obtain remedies for inflingement, including for acts committed before or after the date of this assignment, through the signature of its duly authorized representative below:

	4/26/17
Daniel Kardatzhe	Date
Printed name (**F***)	
Title	•••••

PATENT
RECORDED: 04/27/2017 REEL: 042169 FRAME: 0944