504633920 11/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4680638

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GRANT J. WONDERLICH	11/03/2017
JAMES R. PETERSON	11/03/2017

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:	15692566

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ATTORNEY DOCKET NUMBER:	208065-9101-US05
NAME OF SUBMITTER:	PLYMOUTH D. NELSON
SIGNATURE:	/Plymouth D. Nelson/
DATE SIGNED:	11/08/2017

Total Attachments: 3

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PATENT 504633920 REEL: 044076 FRAME: 0489

Declaration and Assignment Attorney Docket No. P24896-US-ORD5 Page 1 of 2 208065-9101-US05

DECLARATION AND ASSIGNMENT

PLANTER ROW UNIT FURROW DEPTH SENSING APPARATUS AND METHOD

Application Number: 15/692,566 Filing Date: August 31, 2017 which claims priority based on application number 62/402,187, filed September 30, 2016

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 (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: 044076 FRAME: 0490 Declaration and Assignment Attorney Docket No. P24896-US-ORD5 Page 2 of 2 208065-9101-US05

ly Mil	/// 3/2017 at	Silvis IL
Grant J. Wonderlich	Date	City State
The signature of the above inventor is wi	tnessed by two non-inventors or notariz	zed as set forth below:
John Hulfman Witness printed name		//- 3-2=17 Date
	Witness signature	Date
KENHERIZMAN Witness printed name	Witness signature	1/-3-7017
State of County of day of,2017.		
ames R. Peterson	at Date	City State
The signature of the above inventor is wi	tnessed by two non-inventors or notariz	zed as set forth below:
Witness printed name	Witness signature	Date
Witness printed name	Witness signature	Date
State ofCounty of)	
Country of		
County of) Notary Public	

Declaration and Assignment Attorney Docket No. P24896-US-ORD5 Page 2 of 2 208065-9101-US05

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rant J. Wonderlich	Date	City	State
The signature of the above inventor is witnessed b	by two non-inventors or notariz	ed as set forth below:	
Witness printed name	Witness signature	Date	
Witness printed name	Witness signature	Date	No. Visit Control of Control
State of	Notary Public		
Sworn to before me this day of,2017.	SEAL:		
The signature of the above inventor is witnessed by	<u>// - 3 - / 7</u> at <u>/</u> Date by two non-inventors or notariz	City	T C State
Witness printed name	Witness signature	Date	
Witness printed name	Witness signature	Date	
State of MOOS County of Rock ISICancl Sworn to before me this 03 day of November, 2017.	Abegail Hall Notary Public SEAL:	ABIGAIL HALL GREN OFFICIAL SEAL tary Public, State of Illino y Commission Expire June 17 2020	ois s

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RECORDED: 11/08/2017