504958122 06/13/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VALENTIN GRESCH	05/05/2018
FLORIAN REINMUTH	06/07/2018
JOHN DEERE GMBH & CO. KG	12/19/2014

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:	16007303

CORRESPONDENCE DATA

Fax Number: (309)749-0083

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: 309-765-4825

Email: patmolineforeign@johndeere.com

Correspondent Name: DEERE & COMPANY

Address Line 1: ONE JOHN DEERE PLACE
Address Line 4: MOLINE, ILLINOIS 61265

ATTORNEY DOCKET NUMBER: P26195-US-ORD

NAME OF SUBMITTER: C. GARRETT BONSELL

SIGNATURE: /C. Garrett Bonsell #63,928/

DATE SIGNED: 06/13/2018

Total Attachments: 4

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PATENT 504958122 REEL: 046075 FRAME: 0119

DECLARATION AND ASSIGNMENT

METHOD FOR DETERMINING	A PHYSICAL PARAMETER OF AN UPPER LINK
Application Number:	Filing Date:
which claims priority based on applicati	ion number DE 102017210532.1, filed June 22, 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.

[Signature page to follow]

Template version 2017-08-11

Declaration and Assignment Assessey Docket No. P26195-US-ORD Page 2 of 2

VALENTIN GRESCH	<u>05/05/18</u> at <u>P4</u> Date	
The signature of the above inventor is witness		
Nitness printed name	Mitnessløgnature	<u>05/05/48</u> Date
LNDG SECKER Witness printed name	Z FLEC Witness signature	<u>OS / OS / A/F</u> Date
State of County of Sworn to before me thisday of2018.) Notary Public SEAL:	
, 2018.		
FLORIAN REINMUTH	at Date	City State
FLORIAN REINMUTH		
FLORIAN REINMUTH The signature of the above inventor is witness	æd by two non-inventors or notarized	as set forth below:
FLORIAN REINMUTH The signature of the above inventor is witness Witness printed name	æd by two non-inventors or notarized Witness signature	as set forth below: Date

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	at		
VALENTIN GRESCH	Date	City	State
The signature of the above inventor is witnesse	ed by two non-inventors or notar	ized 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, 2018.	SEAL:		
FLORIAN REINMUTH	at	Mansherm.	State
The signature of the above inventor is witnesse	ed by two non-inventors or notar	ized as set forth below:	
Stefkn Vost	LOGERA	7,6201	8
Witness printed name	Witness signature	Date	
Miller Benjamin		7.6.18	
Witness printed name	Witness signature	Date	
State ofCounty of	Notary Public		
Sworn to before me this day of, 2018.	SEAL:		

EXHIBIT A

INTANGIBLE PROPERTY ASSIGNMENT

WHEREAS, John Decre GmbH & Co. KG, a limited partnership organized under the laws of Germany, having its principal place of business at John-Decre-Str. 70, Mannheim, Germany 68163, having its principal place of business at John-Decre-Str. 70, Mannheim, Germany 68163 ("ASSIGNOR") and Decre & Company, a Delaware corporation, having its principal place of business at One John Decre Place, Moline, IL 61265 ("ASSIGNEE") have executed an intra-company INTANGIBLE PROPERTY RIGHTS AGREEMENT on December 19, 2014 and intend to assign right, title, and interest in and to certain Intangible Property assets;

NOW, THEREFORE, in consideration of the promises and the mutual representations, agreements, and covenants set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR and ASSIGNEE agree as follows:

ASSIGNOR hereby irrevocably assigns all right, title, and interest in any Intangible Property as defined by the intra-company INTANGIBLE PROPERTY RIGHTS AGREEMENT executed on December 19, 2014 including without limitation the Intangible Property scheduled herewith and improvements thereof to ASSIGNEE. Alternatively, ASSIGNOR hereby confirms any prior assignment (whether in writing or by operation of law) of all right, title, and interest in such Intangible Property to ASSIGNEE.

ASSIGNOR acknowledges 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 Intangible Property. Further, ASSIGNOR acknowledges 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.

ASSIGNOR acknowledges 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, oppositions, provisionals, reissues, reexaminations, renewals, reviews, revivals, substitutes, and supplemental examination) relating to the Intangible Property.

ASSIGNOR agrees to cooperate with ASSIGNEE as reasonably necessary to obtain, maintain, and enforce any assigned rights, including executing documents and providing evidence, without additional compensation. ASSIGNOR hereby authorizes 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 Intangible Property as ASSIGNEE deems expedient in order to record this document.

ASSIGNOR declares and agrees to all provisions of this writing by signing below.

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have caused this assignment to be executed by its respective authorized representative as follows:

Deere & Company

Name: Gregory R. Noe

Title: Vice President & Deputy Gen. Counsel

Buy R.M.

John Deere GmbH & Co

Name: Ludwig Magin

Title: Ass. Gen. Counsel Intellectual Property

By: Maianda

Name: Dr Carolin Weirauch Title: Senior Attorney

> PATENT REEL: 046075 FRAME: 0123

RECORDED: 06/13/2018