504349759 05/03/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4396448

CONVEYING PARTY DATA

Name	Execution Date
LIWEN L. DAI	03/02/2017
YIQUN CHEN	03/02/2017
YUJIE ZHANG	03/02/2017

RECEIVING PARTY DATA

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Street Address:	ONE JOHN DEERE PLACE
City:	MOLINE
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15448474

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ATTORNEY DOCKET NUMBER:	060877-5040-US
NAME OF SUBMITTER:	GARY S. WILLIAMS
SIGNATURE:	/Gary S. Williams/
DATE SIGNED:	05/03/2017

Total Attachments: 3

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DECLARATION AND ASSIGNMENT

NAVIGATION SATELLITE WIDE-LANE BIAS DETERMINATION AND OVER-RANGE ADJUSTMENT SYSTEM AND METHOD

Application Number(s):	15/448,474	Filing Date(s):	March 2, 2017
which claims priority bas	sed on application numb	er 62/310.545, filed Mar	ch 18, 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, 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), dopyrights, 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, 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 parent 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]

DB2/ 30844869.1

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liven Dan	03/02/2017 _{at}	Torrano,	GA State
Liwen L, Dai The signature of the above inventor is witnessed by two		•	State
Steve W/Son Witness printed name	Witness signature	3/2/1 Date	7_
Yunfang Shao U	Witness signature	3/2/17 Date	<u></u>
•	otary Public		<u>_</u>
Sworn to before me this day of, 2016.	SEAL:		
V.6	12/2/2017 To	(CA
Yigun Chen	93/02/201) at Tor	City	State
The signature of the above inventor is witnessed by to	o non-inventors or notarized	as set forth below:	
Steve Wilson Witness printed name	Witness signature	3/2/1 Date	7_
Yunfeng Shao Witness pripted name	Witness signature	3/2 / Date	12
	Notary Public		
Sworn to before me this day of, 2016.	SEAL:		

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PATENT

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A-723.	03/2/2017	Torrane	CA
Yujie Zhang	Date	City	State
The signature of the above inventor is witnessed	by two non-inventors or no	otarized as set forth below:	
Steve Wilson Witness printed name	Witness signature	S/z/o	17
Yunfeng Shao Witness printed name	Witness signature	3/2/ Date	17
State of	Notary Public		-
Sworn to before me this day of, 2016.	SEAL:		

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RECORDED: 05/03/2017