505272940 01/10/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUI DESAI	12/05/2018
ASHISH PARALIKAR	12/05/2018
PARESH BHARATIYA	12/05/2018
MARK E. BARKER	12/05/2018
RICHARD A. HUMPAL	12/10/2018
AARON A. WELLS	12/10/2018

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:	16210566

CORRESPONDENCE DATA

Fax Number: (952)373-8920

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: 952-467-6088

Email: sgreenfield@khcip.com

KELLY, HOLT & CHRISTENSON (JOHNDEERE) **Correspondent Name:**

Address Line 1: 141 WEST 1ST STREET, SUITE 100 Address Line 4:

WACONIA, MINNESOTA 55387 J01.12-0161/P28395USCIP1M ATTORNEY DOCKET NUMBER: NAME OF SUBMITTER: SUSAN GREENFIELD

/Susan Greenfield/

DATE SIGNED: 01/10/2019 This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 048065 FRAME: 0846

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SIGNATURE:

Total Attachments: 10 source=P28395-US-CIP1M_Dec-Assgn#page1.tif source=P28395-US-CIP1M_Dec-Assgn#page2.tif source=P28395-US-CIP1M_Dec-Assgn#page3.tif source=P28395-US-CIP1M_Dec-Assgn#page4.tif source=P28395-US-CIP1M_Dec-Assgn#page5.tif source=P28395-US-CIP1M_Dec-Assgn#page6.tif source=P28395-US-CIP1M_Dec-Assgn2#page1.tif source=P28395-US-CIP1M_Dec-Assgn2#page2.tif source=P28395-US-CIP1M_Dec-Assgn2#page3.tif source=P28395-US-CIP1M_Dec-Assgn2#page3.tif

DECLARATION AND ASSIGNMENT

THERMAL IMAGING DRIFT SENSOR FOR AGRICULTURAL SPRAYING

Application Number:	Filing Date:	. 240
which claims priority based on application numb	er 15/671,476, filed August 8, 2017; and	
application number 15/865,553, filed January 9, 3	2018.	

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]

Declaration and Assignment Attorney Docket No. P28395-US-CIP1M Page 2 of 5

A Sale Sale	<u>5 Dec 2018 at _</u>	Puno
JI DESAI	Date Date	City State
The signature of the above inventor is witnesse	ed by two non-inventors or notar	ized as set forth below;
Amit Bom	Ł	5 Dec 2018
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MANDJ MULAJKAR Witness printed name	Marg	5 Dec 2018
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Sworn to before me this day of, 2018.	SEAL	8
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SHISH PARALIKAR	1 <u>2/512019</u> at Date	City State
The signature of the above inventor is witness:		-
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Amit Bora Witness printed name	Witness signature	5 Dec 2018 Date
	witness signature	
MANOJ MULAJKAR	Many	5 Dec 2018
Witness printed name	Witness signature	Date
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County of	_) Notary Public	
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Sample Company (817-1877)

Attorney Docket No. P28395-US-CIP1M			
Page 4 of 5	12/5/2018 at	PUHE	
PARESH BITARATIYA	Date	City	State
The signature of the above inventor is witnessed	d by two non-inventors or notariz	ed as set forth belo	w:
Amit Bora	<u> </u>	5 D	ec 2018
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ASHISH PARALIKAR	Date	City	State
The signature of the above inventor is witness	ed by two non-inventors or notar	ized as set forth below:	
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MARK E. BARKER The signature of the above inventor is witness	She 2018 at		State
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ICHARD A. HUMPAL		Date	City	State
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UI DESAI	***************************************	Date	City	State
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PARESH BHARATIYA	Date	City	State
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AARON A. WELLS	Date	City	State
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THERMAL IMAGING DRIFT SENSOR FOR AGRICULTURAL SPRAYING

Application Number:	Filing Date:
which claims priority based on appl	ication number 15/671,476, filed August 8, 2017; and
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- (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
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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 <u>Deere & Company</u>, a <u>Delaware corporation</u>, (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

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I declare and agree to all provisions of this writing by signing below.

[Signature page to follow]

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HISH PARALIKAR	Date	City,	State
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RESH BHARATIYA	Date	City,	Sta
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RON A. WELLS	at	City	Sta
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CHARD A. HUMPAL		<u> たい。701と</u> Date	at	Ankana City	· Xi,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u>I 4</u> State
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David Scott Mercer Witness printed name	. De	Witness signat	4Mc ture	eco 1	1.) /10/. Date	20 <u>1</u> 8
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