

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5319712

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
<i>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.</i>	
Phone:	952-467-6088
Email:	sgreenfield@khcip.com
Correspondent Name:	KELLY, HOLT & CHRISTENSON (JOHNDEERE)
Address Line 1:	141 WEST 1ST STREET, SUITE 100
Address Line 4:	WACONIA, MINNESOTA 55387
ATTORNEY DOCKET NUMBER:	J01.12-0161/P28395USCIP1M
NAME OF SUBMITTER:	SUSAN GREENFIELD
SIGNATURE:	/Susan Greenfield/
DATE SIGNED:	01/10/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

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#page4.tif

DECLARATION AND ASSIGNMENT

THERMAL IMAGING DRIFT SENSOR FOR AGRICULTURAL SPRAYING

Application Number: _____ Filing Date: _____
which claims priority based on application number 15/671,476, filed August 8, 2017; and
application number 15/865,553, filed January 9, 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]

JUI DESAI 5 Dec 2018 at Pune State
Date City

The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below:

<u>Amit Bora</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>5 Dec 2018</u> Date
<u>MANOJ MULAJKAR</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>5 Dec 2018</u> Date

State of _____)
County of _____) Notary Public
Sworn to before me this _____ day
of _____, 2018. SEAL:

ASHISH PARALIKAR 12/5/2018 at PUNE State
Date City MH

The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below:

<u>Amit Bora</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>5 Dec '2018</u> Date
<u>MANOJ MULAJKAR</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>5 Dec 2018</u> Date

State of _____)
County of _____) Notary Public
Sworn to before me this _____ day
of _____, 2018. SEAL:

Paresh
PARESH BHARATIYA _____ 12/5/2018 at PUNE _____
Date City State

The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below:

<u>Amit Bora</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>5 Dec 2018</u> Date
<u>MANDOT MULAJKAR</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>5 Dec 2018</u> Date

State of MAHARASHTRA
County of PUNDA) Notary Public
Sworn to before me this 5 day
of 12, 2018. SEAL:

_____ at _____
ASHISH PARALIKAR Date City State

The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below:

_____	_____	_____
Witness printed name	Witness signature	Date
_____	_____	_____
Witness printed name	Witness signature	Date

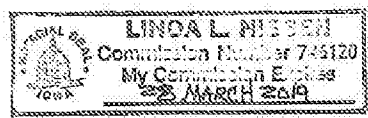
State of _____)
County of _____) Notary Public
Sworn to before me this _____ day
of _____, 2018. SEAL:

Mark E. Barker 5 Dec 2018 at Ankeny IA
MARK E. BARKER Date City State

The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below:

_____	_____	_____
Witness printed name	Witness signature	Date
_____	_____	_____
Witness printed name	Witness signature	Date

State of IOWA)
County of FOLK) Notary Public Linda L. Nielsen
Sworn to before me this 5th day
of DECEMBER, 2018. SEAL:



28 MARCH 2019

_____ at _____
RICHARD A. HUMPAL Date City State

The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below:

Witness printed name Witness signature Date

Witness printed name Witness signature Date

State of _____)
County of _____) Notary Public

Sworn to before me this _____ day
of _____, 2018. SEAL:

_____ at _____
JUI DESAI Date City State

The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below:

Witness printed name Witness signature Date

Witness printed name Witness signature Date

State of _____)
County of _____) Notary Public

Sworn to before me this _____ day
of _____, 2018. SEAL:

_____ at _____
PARESH BHARATIYA Date City State

The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below:

Witness printed name Witness signature Date

Witness printed name Witness signature Date

State of _____)
County of _____) Notary Public

Sworn to before me this _____ day
of _____, 2018. SEAL:

_____ at _____
AARON A. WELLS Date City State

The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below:

Witness printed name Witness signature Date

Witness printed name Witness signature Date

State of _____)
County of _____) Notary Public

Sworn to before me this _____ day
of _____, 2018. SEAL:

DECLARATION AND ASSIGNMENT

THERMAL IMAGING DRIFT SENSOR FOR AGRICULTURAL SPRAYING

Application Number: _____ Filing Date: _____
which claims priority based on application number 15/671,476, filed August 8, 2017; and
application number 15/865,553, filed January 9, 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]

[Signature]
RICHARD A. HUMPAL 10 Dec 2018 at Ankang IA
Date City State

The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below:

LARRY PATRICK FERBISON [Signature] 12/10/18
Witness printed name Witness signature Date

David Scott Mercer [Signature] 12/10/2018
Witness printed name Witness signature Date

State of _____)
County of _____) Notary Public
Sworn to before me this _____ day
of _____, 2018. SEAL:

JUI DESAI _____ at _____
Date City State

The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below:

Witness printed name _____ _____
Witness signature Date

Witness printed name _____ _____
Witness signature Date

State of _____)
County of _____) Notary Public
Sworn to before me this _____ day
of _____, 2018. SEAL: