

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4540292

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARK E. BARKER	07/11/2017
RICHARD A. HUMPAL	07/20/2017
JUI DESAI	08/04/2017
PARESH BHARATIYA	08/04/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DEERE & COMPANY
<b>Street Address:</b>	ONE JOHN DEERE PLACE
<b>City:</b>	MOLINE
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	61265
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15671476
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	952-467-6088
<b>Email:</b>	sgreenfield@khcip.com
<b>Correspondent Name:</b>	KELLY, HOLT & CHRISTENSON (JOHNDEERE)
<b>Address Line 1:</b>	141 WEST 1ST STREET, SUITE 100
<b>Address Line 4:</b>	WACONIA, MINNESOTA 55387
<b>ATTORNEY DOCKET NUMBER:</b>	J01.12-0065/P26220-US-PRI
<b>NAME OF SUBMITTER:</b>	DAWN C. RUD
<b>SIGNATURE:</b>	/Dawn C. Rud/
<b>DATE SIGNED:</b>	08/08/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 7</b>	
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**PATENT**

**REEL: 043229 FRAME: 0725**

## DECLARATION AND ASSIGNMENT

### MOBILE DRIFT SENSOR FOR AGRICULTURAL SPRAYING

Application Number(s): 15/671,476 Filing Date(s): August 8, 2017  
which claims priority based on application number \_\_\_\_\_, filed \_\_\_\_\_

#### 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), 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]*

Mark E. Barker 7/11/2017 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

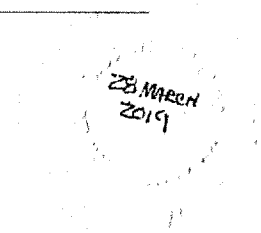
\_\_\_\_\_  
Witness printed name      Witness signature      Date

State of IOWA  
County of POLK

Linda L. Nissen  
Notary Public

Sworn to before me this 11 day  
of JULY, 2017.

SEAL:



Richard A. Humpal 7/20/2017 at Ankeny IA  
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

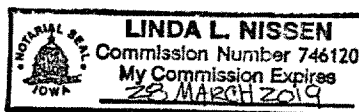
\_\_\_\_\_  
Witness printed name      Witness signature      Date

State of IOWA  
County of POLK

Linda L. Nissen  
Notary Public

Sworn to before me this 20 day  
of JULY, 2017.

SEAL:



If any above-named inventor was employed by, or was working pursuant to an agreement with, [\*CHOOSE ONE\*]  
(1) agrees to the above assignment and (2) hereby irrevocably assigns all right, title, and interest it may have in the  
Invention to Assignee, including any right of priority and any right to sue and recover damages for past  
infringement, through the signature of its duly authorized representative below:

---

Signature

---

Date

---

Printed name

---

Title

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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.

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

*[Signature page to follow]*

\_\_\_\_\_  
MARK E. BARKER \_\_\_\_\_ 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 \_\_\_\_\_, 2017.

SEAL:

\_\_\_\_\_  
RICHARD A. HUMPAL \_\_\_\_\_ 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 \_\_\_\_\_, 2017.

SEAL:

Jui Desai  
JUI DESAI  
04/08/2017 at PUNE, MH-INDIA  
Date City State

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

PRASHANT GUPTA  
Witness printed name  
Rupia  
Witness signature  
04/08/2017  
Date

RUSHIKESH CHAUDHARI  
Witness printed name  
Rushikesh Chaudhari  
Witness signature  
04/08/2017  
Date

State of \_\_\_\_\_  
County of \_\_\_\_\_

Notary Public

Sworn to before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 2017.

SEAL:

Pareesh Bharatiya  
PAREESH BHARATIYA  
04/08/2017 at PUNE, MH, INDIA  
Date City State

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

PRASHANT GUPTA  
Witness printed name  
Rupia  
Witness signature  
04/08/2017  
Date

RUSHIKESH CHAUDHARI  
Witness printed name  
Rushikesh Chaudhari  
Witness signature  
04/08/2017  
Date

State of \_\_\_\_\_  
County of \_\_\_\_\_

Notary Public

Sworn to before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 2017.

SEAL:

If any above-named inventor was employed by, or was working pursuant to an agreement with, [\*CHOOSE ONE\*]  
(1) agrees to the above assignment and (2) hereby irrevocably assigns all right, title, and interest it may have in the  
Invention to Assignee, including any right of priority and any right to sue and recover damages for past  
infringement, through the signature of its duly authorized representative below:

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Signature

---

Date

---

Printed name

---

Title