

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3692971

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LUTZ BISCHOFF	07/07/2015
DOHN W. PFEIFFER	07/07/2015
JAMES J. PHELAN	07/02/2015
<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>
<b>Application Number:</b>	14794089
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(309)749-0083
<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>Email:</b>	patmolineuspto@johndeere.com
<b>Correspondent Name:</b>	DEERE & COMPANY
<b>Address Line 1:</b>	ONE JOHN DEERE PLACE
<b>Address Line 2:</b>	GLOBAL INTELLECTUAL PROPERTY SERVICES
<b>Address Line 4:</b>	MOLINE, ILLINOIS 61265
<b>ATTORNEY DOCKET NUMBER:</b>	P22674-US-ORD
<b>NAME OF SUBMITTER:</b>	STEPHEN M. PATTON
<b>SIGNATURE:</b>	/Stephen Michael Patton #36235/
<b>DATE SIGNED:</b>	01/13/2016
<b>Total Attachments: 9</b>	
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## DECLARATION AND ASSIGNMENT

### PARTICULATE MATTER IMPACT SENSOR

Application Number: \_\_\_\_\_ Filing Date: \_\_\_\_\_  
which claims priority based on application number 62/027,514, filed 2014-07-22.

### 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, 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]

DAT140829

Lutz Bischoff 07/07/2015 at Zweibrücken Germany  
Lutz Bischoff Date City State

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

<u>STEFAN BOHRER</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>07/07/15</u> Date
<u>JOHANNES EAMETZER</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>07/07/15</u> Date

State of \_\_\_\_\_  
County of \_\_\_\_\_  
Sworn to before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 2015.

Notary Public

SEAL:

\_\_\_\_\_  
James J. Phelan Date at \_\_\_\_\_ 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 \_\_\_\_\_  
Sworn to before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 2015.

Notary Public

SEAL:

\_\_\_\_\_ at \_\_\_\_\_  
Dohn W. Pfeiffer 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 \_\_\_\_\_, 2015.

SEAL:

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

*[Signature page to follow]*

\_\_\_\_\_  
 LAUZ Bischoff Date <sup>81</sup> 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 \_\_\_\_\_, 2015. SEAL:

James J. Phelan \_\_\_\_\_ 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 \_\_\_\_\_, 2015. SEAL:

John W. Pfeiffer 7 JUL 15 at Moline IL  
Dohn W. Pfeiffer Date City State

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

<u>DENNIS J. FRANCIS</u>	<u>Dennis J. Francis</u>	<u>7 JUL 15</u>
Witness printed name	Witness signature	Date
<u>Dena L. Waddell</u>	<u>Dena L. Waddell</u>	<u>7 July 2015</u>
Witness printed name	Witness signature	Date

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

\_\_\_\_\_  
Notary Public

Sworn to before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 2015.

SEAL:



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

[Signature page to follow]

\_\_\_\_\_  
Lutz Bischoff \_\_\_\_\_ 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 \_\_\_\_\_, 2015. SEAL:

James J. Phelan 7/2/15 at BETTENDORF, IA  
James J. Phelan 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 IA )  
County of SCOTT ) Notary Public  
Sworn to before me this 2 day  
of July, 2015. SEAL:



\_\_\_\_\_ at \_\_\_\_\_  
Dohn W. Pfeiffer 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 \_\_\_\_\_, 2015. SEAL: