

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4258051

<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 A. CRACRAFT	08/31/2016
JESSE D. HAECKER	08/31/2016
THOMAS M. ALFERINK	08/24/2016
MATTHEW J. DARR	12/14/2016
JEFFREY ASKEY	12/19/2016
<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>Name:</b>	IOWA STATE UNIVERSITY RESEARCH FOUNDATION
<b>Street Address:</b>	1805 COLLABORATION PLACE
<b>Internal Address:</b>	SUITE 2100
<b>City:</b>	AMES
<b>State/Country:</b>	IOWA
<b>Postal Code:</b>	50010
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15256844
<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, PLLC
<b>Address Line 1:</b>	113 WEST MAIN STREET
<b>Address Line 4:</b>	WACONIA, MINNESOTA 55387

<b>ATTORNEY DOCKET NUMBER:</b>	J01.12-0057/P23630
<b>NAME OF SUBMITTER:</b>	SUSAN GREENFIELD
<b>SIGNATURE:</b>	/Susan Greenfield/
<b>DATE SIGNED:</b>	02/03/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 10</b> source=P23630_Assignments_JD#page1.tif source=P23630_Assignments_JD#page2.tif source=P23630_Assignments_JD#page3.tif source=P23630_Assignments_JD#page4.tif source=P23630_Assignments_JD#page5.tif source=P23630_Assignments_JD#page6.tif source=P23630_Assignment_lowa#page1.tif source=P23630_Assignment_lowa#page2.tif source=P23630_Assignment_lowa#page3.tif source=P23630_Assignment_lowa#page4.tif	

## DECLARATION AND ASSIGNMENT

# ROUND MODULE WEIGHING USING DIFFERENTIAL PRESSURE SENSING

Application Number(s): 15/256,844 Filing Date(s): September 6, 2016  
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, 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 A. CRACRAFT

31 AUG 2016 at ANKENY IA  
Date City State

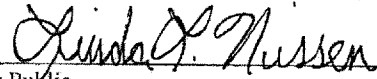
The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below:

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

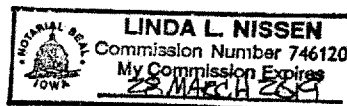
\_\_\_\_\_  
Witness printed name      Witness signature      Date


State of IOWA  
County of FOLK

Sworn to before me this 31 day  
of AUGUST, 2016.

  
Notary Public

SEAL:



  
JESSE D. HAECKER

31 Aug 2016 at Ankeny IA  
Date City State

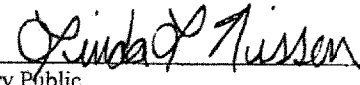
The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below:

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

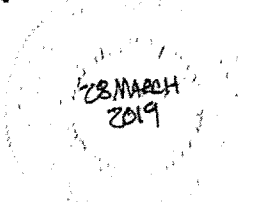
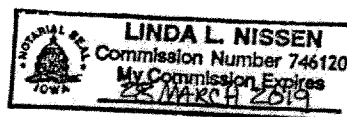
\_\_\_\_\_  
Witness printed name      Witness signature      Date

State of IOWA  
County of FOLK

Sworn to before me this 31 day  
of AUGUST, 2016.

  
Notary Public

SEAL:



\_\_\_\_\_  
THOMAS M. ALFERINK \_\_\_\_\_ 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 \_\_\_\_\_, 2016.

SEAL:

\_\_\_\_\_  
JEFFREY C. ASKEY \_\_\_\_\_ 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 \_\_\_\_\_, 2016.

SEAL:

**DECLARATION AND ASSIGNMENT**

**ROUND MODULE WEIGHING USING DIFFERENTIAL  
PRESSURE SENSING**

Application Number(s): 15/256,844 Filing Date(s): September 6, 2016  
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, 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.



Thomas M. Alferink 8/24/16 at Waterloo, Iowa  
THOMAS M. ALFERINK Date City State

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

<u>John W. Regener</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>8-24-16</u> Date
<u>Kevin A. Flikkens</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>8-24-16</u> Date

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) Notary Public  
Sworn to before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 2014. 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



## ASSIGNMENT

**WHEREAS, WE, THE BELOW CO-INVENTORS,**

**THOMAS M. ALFERINK**, of One John Deere Place, Moline, IL 61265;

**JESSE HAECKER**, of One John Deere Place, Moline, IL 61265;

**MARK CRACRAFT**, of One John Deere Place, Moline, IL 61265;

**MATTHEW J. DARR**, of 2356 Ellings Hall, Iowa State University, Ames, Iowa 50011;

and

**JEFFREY ASKEY**, of 1327 U Ave., Boone, Iowa 50036;

respectively, have invented new and useful improvements in **"ROUND MODULE WEIGHING USING DIFFERENTIAL PRESSURE SENSING"** for which United States Patent Application Serial No. 15/256,844, filed September 6, 2016.

**WHEREAS, IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.**, whose principal address is 1805 Collaboration Place, Suite 2100, Ames, Iowa 50010, is desirous of acquiring the entire interest of the inventors listed below in the same;

**NOW, THEREFORE**, the undersigned for good and valuable consideration, the receipt of which is hereby acknowledged, hereby do sell, assign and transfer unto said **IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.**, my entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application; the same for **IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.'S** legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

**AND**, I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **IOWA STATE UNIVERSITY RESEARCH**

FOUNDATION, INC., its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world.

We **HEREBY AUTHORIZE** the Assignee to insert in this assignment document the filing date and serial number of the application if the date and number are unavailable at the time this document is executed.

  
Matthew J. Darr

Matthew J. Darr, appeared to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand.

Signature: 

Name Printed: Robert McNamara

Date: 12/14/2016

Signature: 

Name Printed: John Bodenweller

Date: 12-14-16

\_\_\_\_\_  
Jeffrey Askey

Jeffrey Askey, appeared to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand.

Signature: \_\_\_\_\_

Name Printed: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name Printed: \_\_\_\_\_

Date: \_\_\_\_\_

## ASSIGNMENT

**WHEREAS, WE, THE BELOW CO-INVENTORS,**

**THOMAS M. ALFERINK**, of One John Deere Place, Moline, IL 61265;

**JESSE HAECKER**, of One John Deere Place, Moline, IL 61265;

**MARK CRACRAFT**, of One John Deere Place, Moline, IL 61265;

**MATTHEW J. DARR**, of 2356 Ellings Hall, Iowa State University, Ames, Iowa 50011;

and

**JEFFREY ASKEY**, of 1327 U Ave., Boone, Iowa 50036;

respectively, have invented new and useful improvements in **"ROUND MODULE WEIGHING USING DIFFERENTIAL PRESSURE SENSING"** for which United States Patent Application Serial No. 15/256,844, filed September 6, 2016.

**WHEREAS, IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.**, whose principal address is 1805 Collaboration Place, Suite 2100, Ames, Iowa 50010, is desirous of acquiring the entire interest of the inventors listed below in the same;

**NOW, THEREFORE**, the undersigned for good and valuable consideration, the receipt of which is hereby acknowledged, hereby do sell, assign and transfer unto said **IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.**, my entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application; the same for **IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.'S** legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

**AND**, I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **IOWA STATE UNIVERSITY RESEARCH**

FOUNDATION, INC., its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world.

We **HEREBY AUTHORIZE** the Assignee to insert in this assignment document the filing date and serial number of the application if the date and number are unavailable at the time this document is executed.

\_\_\_\_\_  
Matthew J. Darr

Matthew J. Darr, appeared to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name Printed: \_\_\_\_\_

Signature: \_\_\_\_\_

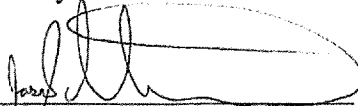
Date: \_\_\_\_\_

Name Printed: \_\_\_\_\_

\_\_\_\_\_  
Jeffrey Askey

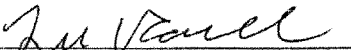
Jeffrey Askey, appeared to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand.

Signature: 

Date: 12/19/2016

Name Printed: Jason Schuster

Signature: 

Date: 12-19-2016

Name Printed: Levi Powell