

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4957317

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAMANATHAN SUGUMARAN	07/30/2015
NOEL W. ANDERSON	07/22/2015
BRADLEY J. HITCHLER	07/28/2015
RECEIVING PARTY DATA	
Name:	DEERE & COMPANY
Street Address:	ONE JOHN DEERE PLACE
City:	MOLINE
State/Country:	MINNESOTA
Postal Code:	61265
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15650115
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 PLLC (JOHN DEERE)
Address Line 1:	141 WEST MAIN STREET
Address Line 2:	SUITE 100
Address Line 4:	WACONIA, MINNESOTA 55387
ATTORNEY DOCKET NUMBER:	J01.12-0075/P23313-US-CON
NAME OF SUBMITTER:	SUSAN GREENFIELD
SIGNATURE:	/Susan Greenfield/
DATE SIGNED:	05/11/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 9	
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DECLARATION AND ASSIGNMENT

UAV-BASED SENSING FOR WORKSITE OPERATIONS

Application Number(s): _____ Filing Date(s): _____
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]

R. Sugumaran 08/28/2015 at Moline IL
Ramanathan Sugumaran Date City State

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

<u>Zewei Xu</u> Witness printed name	<u>Zewei Xu</u> Witness signature	<u>08/28/2015</u> Date
<u>Rahul Sharma</u> Witness printed name	<u>Rahul Sharma</u> Witness signature	<u>08/28/2015</u> Date

State of _____)
County of _____)
Sworn to before me this _____ day
of _____, 2014.

Notary Public

SEAL:

Noel Anderson 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 _____, 2014.

Notary Public

SEAL:

Bradley J. Hitchler _____ 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 _____, 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

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

[Signature page to follow]

_____ at _____
Ramanathan Sugumaran 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 _____, 2014.

SEAL:

Noel Anderson 22 July 2015 at Fargo ND
Noel Anderson Date City State

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

Mark Landman Mark Landman 7-22-15
Witness printed name Witness signature Date

GURMUKH ADVANI Gurmukh Advani 7-22-15
Witness printed name Witness signature Date

State of _____)

County of _____)

Notary Public

Sworn to before me this _____ day
of _____, 2014.

SEAL:

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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
- (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.

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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, 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]

Ramanathan Sugumaran _____ 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 _____, 2014.

SEAL:

Noel Anderson _____ 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 _____, 2014.

SEAL:

Bradley J. Hitchler July 28, 2015 at Ankeny, IA
Bradley J. Hitchler Date City State

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

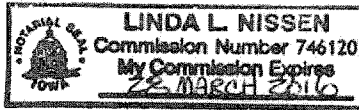
_____ Witness printed name	_____ Witness signature	_____ Date
_____ Witness printed name	_____ Witness signature	_____ Date

State of Iowa
County of Polk

Linda L. Nissen
Notary Public

Sworn to before me this 28 day
of July, 2014-2015

SEAL:



28 MARCH 2016

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	