

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5862142

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN M. HAGEMAN	09/30/2019
TARIK LOUKILI	09/24/2019
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16589887
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NAME OF SUBMITTER:	JOHN MULHERN
SIGNATURE:	/John Mulhern/
DATE SIGNED:	12/11/2019
Total Attachments: 3	
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DECLARATION AND ASSIGNMENT

DETECTING OBJECTS IN A RESTRICTED ZONE

Application Number: 16/589,887 Filing Date: October 1, 2019

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.

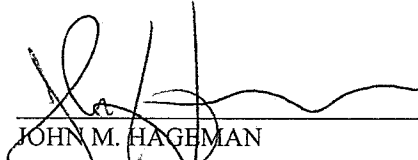
I acknowledge that the assigned rights hereunder shall include without limitation any applications, registrations, and proceedings of the above (e.g., continuations, continuations-in-part, divisionals, derivations, extensions, non-provisionals, oppositions, provisionals, reissues, reexaminations, renewals, reviews, revivals, substitutes, and supplemental examination) relating to the Invention.

ADMINISTRATION


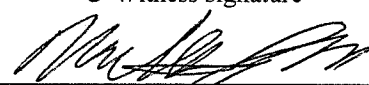
I, as a below named inventor, agree to cooperate with Assignee as reasonably necessary to obtain, maintain, and enforce any assigned rights, including executing documents and providing evidence, without additional compensation. I hereby covenant that I have not entered into, nor will I enter into, any 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]


JOHN M. HAGEMAN
Date 9/30/2019 at Dubuque, IA
City State

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

<u>Chaz Baum</u> Witness printed name	<u></u> Witness signature	<u>9/30/19</u> Date
<u>Nathaniel Czamecki</u> Witness printed name	<u></u> Witness signature	<u>9/30/19</u> Date

State of _____)
County of _____) Notary Public
Sworn to before me this _____ day
of _____, 2019. SEAL:

TARIK LOUKILI
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 _____) Notary Public
Sworn to before me this _____ day
of _____, 2019. SEAL:

_____ at _____
JOHN M. HAGEMAN 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 _____, 2019. SEAL:

[Signature]
 TARIK LOUKILI Date 09/24/2019 at Urbandale City IA State

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

<u>Paul Readel</u>	<u>[Signature]</u>	<u>2019-09-24</u>
Witness printed name	Witness signature	Date
<u>Ashraf Qadeis</u>	<u>[Signature]</u>	<u>2019-09-24</u>
Witness printed name	Witness signature	Date

State of IOWA)
 County of POCK) Notary Public
 Sworn to before me this 24th day
 of Sept, 2019. SEAL:

