

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MAHESH PRATAP SINGH	07/01/2016
GAURI NARAYAN POPHALE	07/01/2016
MAYURI KUDALE	07/01/2016
HRIDOY DAS	07/01/2016
RECEIVING PARTY DATA	
Name:	DEERE & COMPANY
Street Address:	ONE JOHN DEERE PLACE
City:	MOLINE
State/Country:	ILLINOIS
Postal Code:	61265
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16271490
CORRESPONDENCE DATA	
Fax Number:	(312)580-9696
<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:	3125801020
Email:	nbetancourt@hfzlaw.com
Correspondent Name:	HANLEY FLIGHT & ZIMMERMAN, LLC
Address Line 1:	150 S. WACKER DRIVE
Address Line 2:	SUITE 2200
Address Line 4:	CHICAGO, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	P24464-US-C1
NAME OF SUBMITTER:	MARK C. ZIMMERMAN
SIGNATURE:	/Mark C. Zimmerman/
DATE SIGNED:	04/04/2019
Total Attachments: 3	
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DECLARATION AND ASSIGNMENT

METHODS AND APPARATUS TO PREDICT MACHINE FAILURES

Application Number: 15/253,748 Filing Date: August 31, 2016
which claims priority based on application number IN 201621022703, filed July 1, 2016

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]

Mahesh Pratap SINGH 1st July 2016 at PUNE MAHARASHTRA
Date City State

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

<u>ATUL JOSHI</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>1/7/2016 (1st July)</u> Date
<u>Nimish Kasar</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>1st July 2016</u> Date

Gauri Narayan POPHALE 1st July 2016 at PUNE MAHARASHTRA
Date City State

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

<u>Parimal Bunge</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>1st July 2016</u> Date
<u>Srinivas Aotheri</u> Witness printed name	<u>[Signature]</u> Witness signature	<u>01/07/2016</u> Date

Kudale 1st July 2016 at PUNE MAHARASHTRA
Mayuri KUDALE Date City State

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

NAHAR PANKAJ P Pankaj 1st July 2016
Witness printed name Witness signature Date

KALYANKAR MILIND S. Milind S 1st July 2016
Witness printed name Witness signature Date

Hridoy 1st July 2016 at PUNE MAHARASHTRA
Hridoy DAS Date City State

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

AMIT DIXIT Amit 1st July 2016
Witness printed name Witness signature Date

SHRUTI TANDON Shruti 1st July 2016
Witness printed name Witness signature Date