# 503987130 09/01/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4033787

| SUBMISSION TYPE:   |  | NEW ASSIGNMENT  | NEW ASSIGNMENT  |  |  |  |
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| NATURE OF CONVEYANCE:  |  | ASSIGNMENT  | ASSIGNMENT      |  |  |  |
| CONVEYING PARTY D  | ΑΤΑ  |   |                 |  |  |  |
|  |  | Name  | Execution Date  |  |  |  |
| MAHESH PRATAP SINC   | ЭН   |   | 07/01/2016      |  |  |  |
| GAURI NARAYAN POPI   | HALE   |   | 07/01/2016      |  |  |  |
| MAYURI KUDALE  |  |   | 07/01/2016      |  |  |  |
| HRIDOY DAS   |  |   | 07/01/2016      |  |  |  |
| RECEIVING PARTY DA   | ТА   |   |                 |  |  |  |
| Name:  | DEERE  | DEERE & COMPANY   |                 |  |  |  |
| Street Address:  | ONE JOHN DEERE PLACE   |   |                 |  |  |  |
| City:  | MOLINE   | E   |                 |  |  |  |
| State/Country:   | ILLINO   | S   |                 |  |  |  |
| Postal Code:   | 61265  |   |                 |  |  |  |
| PROPERTY NUMBERS   | Total: 1   |   |                 |  |  |  |
| Г  |  |   | 7               |  |  |  |
| Property Type  |  | Number  |                 |  |  |  |
| Property Type<br>Application Number:   |  | Number<br>15253748  | _               |  |  |  |
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|  |  |   |                 |  |  |  |
| Application Number:<br>CORRESPONDENCE D<br>Fax Number:   | • <b>ATA</b>   | (312)580-9696   |                 |  |  |  |
| Application Number:<br>CORRESPONDENCE D<br>Fax Number:<br>Correspondence will be   | ATA<br>(<br>e sent to  | 15253748<br>(312)580-9696<br><b>the e-mail address first; if that is un</b>   |                 |  |  |  |
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PATENT REEL: 039610 FRAME: 0839 Declaration and Assignment Attorney Docket No. P24464-US Page 1 of 3

### 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 Assignce 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]

PATENT REEL: 039610 FRAME: 0840 Declaration and Assignment Attorney Docket No. P24464-US Page 2 of 3

PUNE MAHARASHIRA H 2016 City Mahesh Pratap SINGH State The signature of the above inventor is witnessed by two non-inventors as set forth below: <u>1/7/2016</u> (1<sup>St</sup>July) Date Q Witness printed name Witness signature 1<sup>14</sup> July 2018 Witness printed name Witness signature Date 1 st July 2016 MAHARASHTRA NE City Date State Gauri Narayan POPHALE The signature of the above inventor is witnessed by two non-inventors as set forth below: Parimel Bunge Witness printed name 72-09 Ç Dat Witness Signature 2010  $\mathfrak{O}$ Witness printed name Ďaie Witness signature

Declaration and Assignment Attorney Docket No. P24464-US Page 3 of 3

Date PUNE MAMARASHTRA Wudak Mayuri KUDALE The signature of the above inventor is witnessed by two non-inventors as set forth below: 1<sup>st</sup> July 2016 Date PANKAJ NAHAR Witness signature Witness printed name Micodes 11 July 2016 Date KALYANKAR MILIND S Witness printed name Witness signature 1<sup>51</sup> July 2016 at PUNE Date City MAHARASHTRA State Hridoy DAS The signature of the above inventor is witnessed by two non-inventors as set forth below: <u>1 <sup>51</sup> July 2016</u> Date Amit Dixit Witness printed name itness signature 1° July 2016 ANDON Witness printed name Wishess signature

**RECORDED: 09/01/2016**