

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THE OHIO STATE UNIVERSITY	10/03/2018
RECEIVING PARTY DATA	
Name:	CNH INDUSTRIAL AMERICA LLC
Street Address:	500 DILLER AVENUE
City:	NEW HOLLAND
State/Country:	PENNSYLVANIA
Postal Code:	17557
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16161689
CORRESPONDENCE DATA	
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Email:	napatent@cnhind.com, docketing@dority-manning.com
Correspondent Name:	CNH INDUSTRIAL AMERICA LLC AND DORITY &
Address Line 1:	700 STATE STREET, MAIN OFFICE
Address Line 4:	RACINE, WISCONSIN 53404
ATTORNEY DOCKET NUMBER:	54598/CNHW-205
NAME OF SUBMITTER:	MATTHEW J. SUTCH
SIGNATURE:	/Matthew J. Sutch/
DATE SIGNED:	10/16/2018
Total Attachments: 3	
source=54598_CNHW-205_Assignment_2_OSU_to_CNH_Industrial_America_16OCT2018#page1.tif	
source=54598_CNHW-205_Assignment_2_OSU_to_CNH_Industrial_America_16OCT2018#page2.tif	
source=54598_CNHW-205_Assignment_2_OSU_to_CNH_Industrial_America_16OCT2018#page3.tif	

ASSIGNMENT

THIS ASSIGNMENT, made on the date set forth below by, The Ohio State University ("University"), a public institution of higher education, a corporation of the state of Ohio, with a place of business at 1960 Kenny Road, Columbus, Ohio 43210-1063, and the Ohio State Innovation Foundation ("OSIF") a not-for-profit Ohio corporation, with a place of business as 1524 North High Street, Columbus, OH 43201 (the University and OSIF hereinafter collectively referred to as "the Assignors"), witnesseth:

WHEREAS, by virtue of express assignments executed by the inventors referenced below and/or by virtue of the relationship between said inventors and one or both of the Assignors and/or the relationship between the University and OSIF, the Assignors have obtained the entire right, title, and interest in and to certain inventions, for which applications for Letters Patent are about to be filed in the United States Patent and Trademark Office, and which are attached hereto and summarized in the table set forth below (the subject matter disclosed in each of the patent applications summarized below being collectively referred to herein as the "Inventions"):

Attorney Docket No.	Title of Application	Inventors	Application No. (Filing Date)
54596/CNHW-204	System and Method for Controlling Operation of a Work Vehicle Towing an Agricultural Implement	Scott Shearer; Andrew Klopfenstein; and Brittany Schroeder.	
54598/CNHW-205	System and Method for Monitoring Operational Parameters Associated with a Tillage Implement During the Performance of a Field Operation	Scott Shearer; Andrew Klopfenstein; and Brittany Schroeder.	
54603/CNHW-208	System and Method for Monitoring Material Accumulation Relative to Ground-Engaging Tools of a Tillage Implement	Scott Shearer; Andrew Klopfenstein; Brittany Schroeder; and Phillip Root	
54604/CNHW-210	System and Method for Generating a Prescription Map for an Agricultural Implement based on Yield Map and/or Crop Biomass	Scott Shearer; Andrew Klopfenstein; and Brittany Schroeder.	

; and

WHEREAS, CNH Industrial America LLC, a corporation duly organized under and pursuant to the laws of the State of Delaware, having a place of business at 500 Diller Ave., New Holland, Pennsylvania 17557, (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to the Inventions and the applications for Letters Patent, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and therefrom.

NOW, THEREFORE, for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in and to: (1) the Inventions, (2) the applications for Letters Patent, (3) any applications for Letters Patent claiming benefit of any of the applications for Letters Patent, including, when any of the applications for Letters Patent are non-provisional applications for Letters Patent, any and all divisions, continuations, and continuations-in-part of any of the applications for Letters Patent, (4) any and all Letters Patent or Patents (hereinafter referred to as "the Letters Patent or Patents") in the United States of America and all foreign countries which may be granted on any of the applications for Letters Patent or an application(s) claiming benefit of any of the applications for Letters Patent, (5) any utility models and industrial designs claiming benefit of any of the applications for Letters Patent, (6) any enhancements, improvements, and extensions thereon, (7) all rights of priority to the applications for Letters Patent, and (8) all rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, the Hague Agreement Concerning the International Deposit of Industrial Designs, and all other treaties of like purposes ("Assigned Patent Rights"), the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which the Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby represent and warrant that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners or joint owners of the entire right, title, and interest in and to the Assigned Patent Rights and that the same are unencumbered and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that the Assignors shall execute all papers and documents, and do all acts necessary or required to be done for the procurement, protection, maintenance, enforcement, and defense of the Assigned Patent Rights;

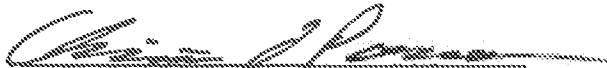
The Assignors hereby authorize and request the Commissioner of Patents and Trademarks and any counterpart thereto of any and all countries foreign to the United States of America to issue, respectively, any Letters Patent or Patents of the United States and any Letters Patent or Patents of any foreign patent office resulting from the Assigned Patent Rights to the Assignee, as the Assignee of the Assigned Patent Rights, for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

The Assignors hereby grant the Assignee, an attorney of the Assignee, or an agent of the Assignee the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or any foreign counterpart thereto for recordation of this document, including

insertion within the table above the application number and filing date associated with each application for Letters Patent.

IN WITNESS WHEREOF, the Assignors and Assignee have caused this ASSIGNMENT to be effective as of the date set forth below.

Date: 10/3/18


Signature of Assignor - University

Name Chris Puschall
Authorized Signatory for The Ohio State University

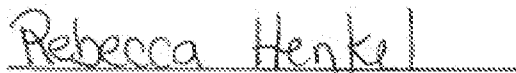
Date: 10/8/2018


Signature of Assignor - OSIF

Name R. Scott Osborne
Authorized Signatory for Ohio State Innovation
Foundation

Date: 10-12-2018


Signature of Assignee


Name
Authorized Signatory for CNH Industrial America LLC