# 505333741 02/18/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CNH INDUSTRIAL AMERICA LLC	02/06/2019

### **RECEIVING PARTY DATA**

Name:	CNH INDUSTRIAL CANADA, LTD.
Street Address:	1000 71ST STREET, EAST, P.O. BOX 1928
City:	SASKATOON, SASKATCHEWAN
State/Country:	CANADA
Postal Code:	S7K 3S5

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16278598

### **CORRESPONDENCE DATA**

**Fax Number:** (864)233-7342

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.

**Phone:** 262-636-0939

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:	54862/CNHW-247
NAME OF SUBMITTER:	JASON A. JENNINGS
SIGNATURE:	/Jason A. Jennings/
DATE SIGNED:	02/18/2019

#### **Total Attachments: 4**

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PATENT 505333741 REEL: 048362 FRAME: 0392

#### ASSIGNMENT

THIS ASSIGNMENT is entered into among:

Michael G. Kovach, a resident of the United States, residing in Morton, IL; and Yong Deng, a resident of the United States, residing in Peoria, IL; (hereinafter referred to as "the Inventors"):

CNH Industrial America LLC having a place of business at 500 Diller Ave., New Holland, Pennsylvania 17557 ("Assignor"); and

CNH Industrial Canada, Ltd. having a place of business 1000 71st Street, East, P.O. Box 1928, Saskatoon, Saskatchewan, Canada S7K 3S5 ("Entitled Owner").

WHEREAS, the Inventors have invented certain new and useful improvements (hereinafter referred to as "the Inventions") for which an application for Letters Patent (hereinafter referred to as "the Application") has been prepared for filing or has been filed in the United States Patent Office, identified as Application No. 16/278,598, filed February 18, 2019 and entitled:

# "SYSTEM AND METHOD FOR MONITORING SOIL CONDITIONS WITHIN A FIELD"

WHEREAS, Entitled Owner is desirous of acquiring the entire right, title, and interest in and to the Inventions, the Application, and any Letters Patent or Patents, in the United States or foreign, to be obtained therefor and therefrom; and

WHEREAS, Assignor and Entitled Owner have agreed that all rights in and to the Inventions and the Application should be vested in Entitled Owner.

NOW THEREFORE, for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Inventors herewith confirm that they made the Inventions while being in the employ of Assignor in the execution of their normal duties and/or tasks assigned to them, and that, by virtue of the Laws of United States and/or their contracts of employment, Assignor is rightfully entitled to the entire right, title, and interest in and to the Inventions, in and to the Application, and in and to any Letters Patent or Patents granted therefor and therefrom in any and all countries, including all divisions, reissues, continuations, reexaminations, inventor's certificates, and extensions therefor, and all right of priority resulting from the filing of the Application (hereinafter collectively referred to as "the Assigned Patent Rights");

AND for the same consideration, the Inventors herewith sell, assign, transfer, and set over, unto the Assignor, its successors, legal representatives, and assigns, any remaining right, title, and interest that the Inventors may have in and to the Inventions, in and to the Application, in and to any application for Letters Patent claiming benefit of the Application, including any and all divisions, continuations, and continuations-in-part of the Application, in and to any and all Letters Patent or Patents in the United States and all foreign countries which may be granted therefor and therefrom, in and to any utility models and industrial designs claiming benefit of

the Application, in and to any enhancements, improvements, and extensions thereon, any remaining rights that the Inventors may have 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, and any remaining rights of priority that the Inventors may have in and to the Application, the same to be held and enjoyed by the Assignor, 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 Inventors had this sale and assignment not been made (all such rights, title, and interest further included in the "Assigned Patent Rights");

AND for the same consideration, Assignor herewith sells, assigns, transfers, and sets over to Entitled Owner its entire right, title, and interest in and to the Assigned Patent Rights.

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

This Assignment may be executed in one or more counterparts, each of which shall be considered one and the same Assignment. Delivery of a counterpart by facsimile or e-mail shall be as effective as physical delivery of an original signed counterpart.

The undersigned hereby grant the Entitled Owner, an attorney of the Entitled Owner, or an agent of the Entitled Owner 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 Office or any foreign counterpart thereto for recordation of this document.

IN WITNESS WHEREOF, the Inventors, Assignor, and Entitled Owner have caused this Agreement to be effective on this 20th day of December, 2018

Date:	Signature of Inventor Michael G. Kovach	***************************************
Date:	 Signature of Inventor Yong Deng	

the Application, in and to any enhancements, improvements, and extensions thereon, any remaining rights that the Inventors may have 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, and any remaining rights of priority that the Inventors may have in and to the Application, the same to be held and enjoyed by the Assignor, 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 Inventors had this sale and assignment not been made (all such rights, title, and interest further included in the "Assigned Patent Rights");

AND for the same consideration, Assignor herewith sells, assigns, transfers, and sets over to Entitled Owner its entire right, title, and interest in and to the Assigned Patent Rights.

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

This Assignment may be executed in one or more counterparts, each of which shall be considered one and the same Assignment. Delivery of a counterpart by facsimile or e-mail shall be as effective as physical delivery of an original signed counterpart.

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IN WITNESS WHEREOF, the Inventors, Assignor, and Entitled Owner have caused this Agreement to be effective on this 20th day of December, 2018.

Date:		Signature of Inventor Michael G. Kovach
Date:	01/11/2019	Signature of Inventor Yong Deng

Date: 2/6/30/9

Signature of Assignor Rebecca Henkel

Authorized Signatory for CNH Industrial

America LLC (Assignor)

Date:

Signature of Entitled Owner

Patrick Sheldrake

Authorized Signatory for CNH Industrial

Canada, Ltd. (Entitled Owner)