PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TREVOR L. KOWALCHUK	07/06/2018
GORDON ANTHONY ENGEL	07/06/2018

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:	16031248

CORRESPONDENCE DATA

Fax Number:

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,tsomers@dority-manning.com,usdocketing@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:	55403/CNHW-185A
NAME OF SUBMITTER:	JASON A. JENNINGS
SIGNATURE:	/jason a. jennings 64,391/
DATE SIGNED:	07/10/2018

Total Attachments: 3

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PATENT 504996351 REEL: 046305 FRAME: 0779

ASSIGNMENT

THIS ASSIGNMENT, made on the date set forth below by, Trevor L. Kowalchuk, a resident of Canada, residing in Saskatoon, Saskatchewan, and Gordon Anthony Engel, a resident of Canada, residing in Saskatoon, Saskatchewan (hereinafter referred to as "the Assignors"), witnesseth:

WHEREAS, the Assignors have invented or co-invented improvements (hereinafter referred to as "the Invention") for which an application for Letters Patent has been filed in the United States Patent and Trademark Office, identified as Application No.

16/031,248 , filed July 10, 2018 and entitled:

"DEPTH ADJUSTMENT FEATURES FOR A SEED PLANTING UNIT OF AN AGRICULTURAL IMPLEMENT"

; and

WHEREAS, CNH Industrial Canada, Ltd., having a place of business at 1000 71st Street, East, P.O. Box 1928, Saskatoon, Saskatchewan, Canada S7K 3S5 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to the Invention and the application 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 Invention, (2) the application for Letters Patent, (3) any application for Letters Patent claiming benefit of the application for Letters Patent, including, when the application for Letters Patent is a nonprovisional application for Letters Patent, any and all divisions, continuations, and continuations-in-part of the application 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 the application for Letters Patent or an application claiming benefit of the application for Letters Patent, (5) any utility models and industrial designs claiming benefit of the application for Letters Patent, (6) any enhancements, improvements, and extensions thereon, (7) all rights of priority to the application 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:

> PATENT REEL: 046305 FRAME: 0780

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 has 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, 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;

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.

IN WITNESS WHEREOF, the Assignors have hereunto set his or her hands as of the date written below.

Date:	JULY 6	1018	Inventor - Trever L. Kowalchuk
Kowale Assign	chuk known to nent, and ackn	o me to be the p	, 2s/8, before me personally appeared Trevor L. person(s) whose name is subscribed to the within the executed the same for the purposes therein contained, ed as such.
Witnes	SS:		Q

Date: 1. 1. 6, 70, 8,	-5/L-9//
	Inventor - Gordon Anthony Engel
Anthony Engel known to me to be	20(B), before me personally appeared Gordon the person(s) whose name is subscribed to the within
Assignment, and acknowledged that and desires the same might be record	he executed the same for the purposes therein contained, led as such.
Witness:	a and a second

PATENT REEL: 046305 FRAME: 0782

RECORDED: 07/10/2018