505435506 04/18/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHAD M. JOHNSON	04/17/2019
TREVOR STANHOPE	04/16/2019
CHRISTOPHER SCHOENY	04/16/2019

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:	16388558

CORRESPONDENCE DATA

Fax Number:

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ATTORNEY DOCKET NUMBER:	55965/CNHW-297
NAME OF SUBMITTER:	MATTHEW J. SUTCH
SIGNATURE:	/Matthew J. Sutch/
DATE SIGNED:	04/18/2019

Total Attachments: 3

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PATENT 505435506 REEL: 048931 FRAME: 0364

ASSIGNMENT

THIS ASSIGNMENT, made on the date set forth below by, **Chad M. Johnson**, a resident of The United States, residing in Arlington Heights, IL, **Trevor Stanhope**, a resident of The United States, residing Palos Hills, IL, **Christopher Schoeny**, a resident of The United States, residing in Yorkville, IL, (hereinafter referred to as "the Assignors"), witnesseth:

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

"SYSTEM AND METHOD FOR CONTROLLING THE OPERATION OF A SEED-PLANTING IMPLEMENT BASED ON THE OPERATION OF ITS FURROW-CLOSING ASSEMBLY"

; 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 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

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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, 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: 17 Apr 2019	(had Moffin-
Harmon committee Administration for the second contract of the secon	Inventor - Chad M. Johnson
Johnson known to me to be the pers	, 20/9, before me personally appeared Chad M . son(s) whose name is subscribed to the within Assignment, the same for the purposes therein contained, and desires the
Witness:	Monto De

Date: 4-16-19	Mr Same
	Inventor - Trevor Stanhope
Stannope known to me to be the pers	, 2019, before me personally appeared Trevor on(s) whose name is subscribed to the within Assignment, ne same for the purposes therein contained, and desires the
Witness:	Jum
Date: 4/-/6-19	Mindlen
	Inventor - Christopher Schoeny
Schoeny known to me to be the perso	, 209, before me personally appeared Christopher on(s) whose name is subscribed to the within Assignment, he same for the purposes therein contained, and desires the
Witness:	Aum

RECORDED: 04/18/2019

PATENT REEL: 048931 FRAME: 0367