PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ERIC J. HAALAND	03/29/2018
RANDY R. SCARF	03/29/2018

RECEIVING PARTY DATA

Name:	DEERE & COMPANY
Street Address:	ONE JOHN DEERE PLACE
City:	MOLINE
State/Country:	ILLINOIS
Postal Code:	61265

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15941715	

CORRESPONDENCE DATA

Fax Number: (414)277-0656

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: 414-271-6560

Email: mkeipdocket@michaelbest.com

Correspondent Name: PLYMOUTH D. NELSON

Address Line 1: 100 E. WISCONSIN AVENUE, SUITE 3300

Address Line 2: MICHAEL BEST & FRIEDRICH LLP
Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	DOCKET NUMBER: 208065-9162-US02	
NAME OF SUBMITTER:	PLYMOUTH D. NELSON	
SIGNATURE:	/Plymouth D. Nelson/	
DATE SIGNED:	06/29/2018	

Total Attachments: 2

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PATENT 504985291 REEL: 046244 FRAME: 0791

DECLARATION AND ASSIGNMENT

EXHAUST MANIFOLD

Application Number(s):

Filing Date(s).

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 irrevocably assign all 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") and hereby confirm any prior assignment (whether in writing or by operation of law) 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 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 Assignee 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]

DAT150706

Declaration and Assignment Attorney Docket No. P27382-US-PRI-2 Page 2 of 2

Eri J. Handand	<u> </u>	FUS TA
The signature of the above inventor is with	lessed by two non-inventors or notarized as	set forth below:
3 %		
Joseph K. Comzawski	- Jayla J. Janavah	3/29/18
Witness printed name	Witness signature	Date
Scott Miles		3/21/2018
Witness printed name	Witness signature	Date
State of)	
County of) Notary Public	
Sworn to before me this day	SEAL:	
of, 2018.		
-0-0-1-0-V-0		
Kentelsky dud	3/79118 at Ceder	falls to
Randy R. Scårf	3/29/18 at Coder	City State
The signature of the above inventor is with	essed by two non-inventors or notarized as	set forth below:
		3 Land Lon
Jaseph L. Command	- Hapla Lo Indipaternately -	<u>~/_29//8</u>
Witness printed name	Witness signature	Date
Scott Miles	San Maria	3/29/2018
Witness printed name	Witness signature	Date
State of	.)	
County of	Notary Public	
Sworn to before me this day	SEAL:	
of 2018		

DAT150706

PATENT REEL: 046244 FRAME: 0793