PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUOZHEN ZHOU	09/18/2018
LONG WU	09/17/2018
KENT WANNER	09/17/2018
SEAN WEST	09/18/2018

RECEIVING PARTY DATA

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Street Address:	ONE JOHN DEERE PLACE
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State/Country:	ILLINOIS
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16141583

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ATTORNEY DOCKET NUMBER:	P26028 (12776-114)
NAME OF SUBMITTER:	JOSHUA P. SMITH
SIGNATURE:	/Joshua P. Smith/
DATE SIGNED:	10/03/2018

Total Attachments: 5

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PATENT 505124532 REEL: 047054 FRAME: 0580

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> PATENT REEL: 047054 FRAME: 0581

DECLARATION AND ASSIGNMENT

POWER SYSTEM ARCHITECTURE FOR HYBRID ELECTRIC VEHICLE

Application Number:	TBD	Filing	; Date:	TBD
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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 confirm any prior assignment (whether in writing or by operation of law) of my 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") or its affiliate and, to the extent not already assigned to Assignee or its affiliate, hereby irrevocably assign all right, title, and interest I may have in the Invention 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, on, 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]

Declaration and Assignment Attorney Docket No. P26028 (12776-114) Page 2 of 5

worken The	2018-09-18 at	Shanghai China City State
ozhen Zhou	Date	City State
The signature of the above inventor is witness	ssed by two non-inventors or not	arized as set forth below:
Kai Wang Witness printed name	Witness signature	2018-9-18
Dong Liu	Dong Lin :	20/8-9-18
Witness printed name	Witness signature	Date
State of)	
County of) Notary Public	
Sworn to before me this day of, 2018.	SEAL:	

PATENT REEL: 047054 FRAME: 0583 Declaration and Assignment Attorney Docket No. P26028 (12776-114) Page 3 of 5

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ing Wu	Date	City/	Sta
The signature of the above inventor is witnessed by	y two non-inventors or notari	zed as set forth below:	
Witness printed name	Witness signature	Date	
Witness printed name	Witness signature	Date	
State of	Notary Public	M. Darro D	<u> </u>
Sworn to before me this day of 2018.	CINDY J M Notary State of Notary My Commission Expire	Public dh Dakota	

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Kent Wanner	$\frac{9/17/18}{\text{Date}}$ at $\frac{F_a}{}$	$\frac{70}{\text{City}}$, $\frac{NL}{\text{State}}$
The signature of the above inventor is witnessed	by two non-inventors or notarized a	s set forth below:
Witness printed name	Witness signature	Date
Witness printed name	Witness signature	Date
State of County of Sworn to before me this day of 2018.	Notary Public CINDY J MCDONA Notary Public State of North Dake My Commission Expires Nove	ota

Declaration and Assignment Attorney Docket No. P26028 (12776-114) Page 5 of 5

West West	9/18 at 1	Dobogue ,
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Witness printed name	Witness signature	Date
Witness printed name	Witness signature	Date
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om to before me this 18 day 2018.	Cor کے گے اُر Cor کے اُر ک	PATRICIA SALINAS mmission Number 809677 dy Commission Expires

RECORDED: 10/03/2018